

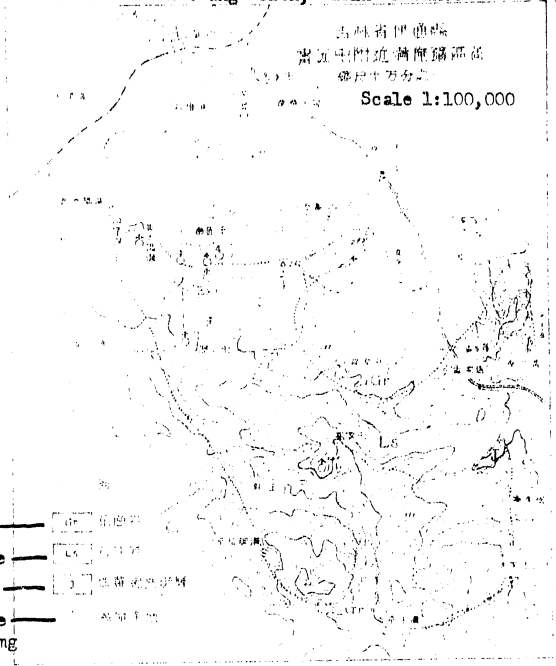
STAT

Page Denied

RESTRICTED

Manganese Ore Districts Near Hua-chiang Ts'un in I-t'ung Hsien, Kirin Province

Map #1



Legend

- Granite
- Limestone
- Jurossic
- Manganese ore mining area

Manganese Deposits in Kirin Province. Published by the Great Manchuria Railway, November 1947

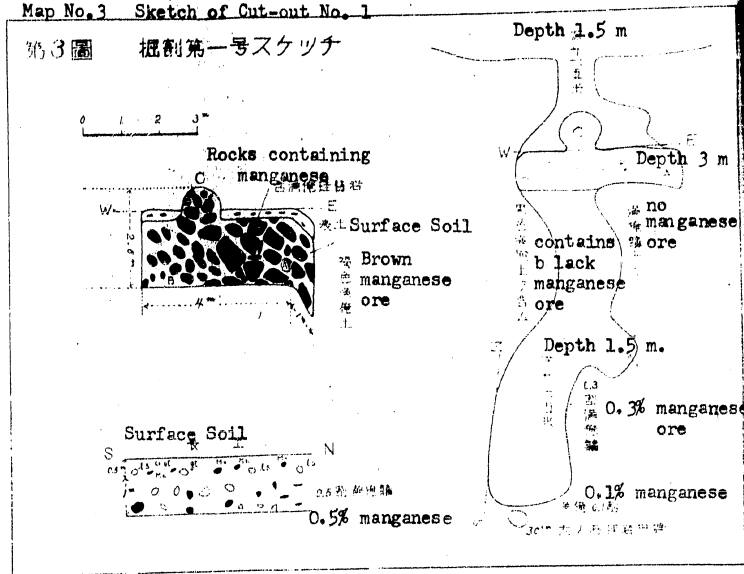
RESTRICTED

RESTRICTED

Manganese Ore Districts Near Idua-chiang
T's'uen, Tungtsien, Kirin Province

Map No. 3 Sketch of Out-out No. 1

第3圖 掘割第一号スケッチ



Manganese Deposits in Kirin Province. Published by the South
Manchuria Railway. November 1940

RESTRICTED

7

RESTRICTED

第二
圖

Survey of Soil in Manganese Ore Mining
Area Near Hua-chiang ts'un, I-t'ung Hsien,
Kirin Province.
Map #2
第2號 滿鐵在伊通縣附近華昌村
錳礦區土壤調查圖
1:6,000



Legend 凡 凡 凡 凡 凡 凡
Granite ↓ No.4 Jurassic ↓
Limestone Manganese
ore out-
croppings Calculated
ore area

23 Manganese Deposits in Kirin Province. Published by the South
Manchuria Railway. November 1940

3

RESTRICTED

STAT

STAT

RESTRICTED

STAT

10
*Manganese Ore Deposit Near
Hua-chiang Tsin, I-tung Hsien,
Kirin Province*

Map No. 4 Sketch of Cutout No. 7

Yellowish-brown surface soil

Reddish-brown soil

Black soil containing manganese

Red soil

+

Manganese Deposits in Kirin Province. Published by the South
Manchuria Railway. November 1940

STAT

RESTRICTED

RESTRICTED

STAT

Manganese Ore Deposit Near
Hua-chiang Tsün, I-tung Hsien
Kirin Province

Table No. 1
Analysis of Ore Content

- 1. % of manganese
- 2. % of iron
- 3. Silicic acid
- 4. Phosphorous

Note: These are results of tests conducted by Muralami and Yamamoto in July, 1918 at the SMR Geological Research Office.

C	B	A	備註
二九〇六〇	五六〇七〇	三四〇九八	滿鐵中央試驗所ニ於テ分析セル結果ハ次ノ如シ。
四〇七〇	〇〇八九	六〇二一	鐵
三一〇八〇	二六〇四六	〇〇〇一	矽
	〇〇〇一		磷

... in Kirin Province, published by the Geological Survey, December 1918 (No. 100)

RESTRICTED

STAT

RESTRICTED

STAT

Manganese Ore Deposits near
Hsua-chiang Tsun, I-t'ung Hsien,
Kirin Province

Table No. 2
Analysis of Ore Content

- 1. Test sample numbers
- 2. % of manganese
- 3. % of iron
- 4. % of silicic acid
- 5. % of phosphorous
- 6. % of sulphur

Note: The best of samples 2 and 3 were selected and the average of .3 metric ton of the ore contents are given. Sample No. 4 is from Pen-ch'i-hu.

試料番 號	試料 名稱	試料 重量 (噸)	錳 (%)	鐵 (%)	矽 (%)	磷 (%)	硫 (%)
一
二
三
四
五
六
七
八
九
十

試料番號三ノ試料番號二ノ中更ニ良礦ト認メラルルモ部公ヨ小鐵カ手選セ
ル。三聯ノ礦石ノ平均品位
試料番號一ノ試料番號二ノ平均品位
內貨物運送ニ便セシ貯藏(約一〇〇噸)ノ平均品位

Manganese Deposits in Kirin Province. Published by the North Manchuria Railway, November 1947

RESTRICTED

STAT

RESTRICTED

STAT

Manganese Ore Deposit near
Hua-chiang T'ien, I Lung Hsien,
Kilin Province

(1) If the area under study is 100 m East to West (and probably 200 m North to South) and the average thickness of the outcrop is 3 meters, the amount of ore in the soil is calculated as follows:
 $100 \times 200 \times 3 = 60,000$ cubic meters.

(2) If the percentage of gravel in the soil is 0.5% and the specific gravity is 3, then:
 $60,000 \times 0.05 \times 3 = 9,000$ metric tons.

(3) Rough ore (20-30% manganese, 20-50% silicic acid) is about 1/3 of this, therefore:
 $9,000 \times 1/3 = 3,000$ metric tons.

(4) In 1918 the SMR Research Office carried out the following:
Using 253 workers, 273 cubic meters of earth were dug from which about 5 metric tons of ore (30% manganese, 20-30% silicic acid) were obtained. Therefore out of 60,000 cubic meters of ore, the following is possible:
 $5 \times \frac{60,000}{273} = 1,099$ metric tons.

4 大正八年滿蒙調査所ノ村上氏外三氏指導ノ元ニ約二週間ノ日子ヲ費シテ五三ノ人名ノ人夫ヲ使役シテ探鑛セシ結果、約三〇〇立方尺(二七三トスレハ礫石含有土質ノ總積ハ大ノ如シ)ト土壤トノ礫石比ヲ〇・五トシ比算ヨリトスルハ、此ノ中含有礫(石炭岩及珪岩ヲ含ム)ト土壤トノ礫石比ヲ〇・五トシ、平均ノ厚サ三米(北端五米、南端一米)トスレハ礫石含有土質ノ總積ハ大ノ如シ
 $100 \times 200 \times 3 = 60,000$ 立方米
 $60,000 \times 0.05 \times 3 = 9,000$ 噸
 $9,000 \times 1/3 = 3,000$ 噸

3 此ノ中礫積(約三〇%)一三〇%、珪砂二〇一五〇%ハ大路三分一ナリ
 $9,000 \times \frac{1}{3} = 3,000$ 噸

5 x 60,000 = 1,099 噸

7

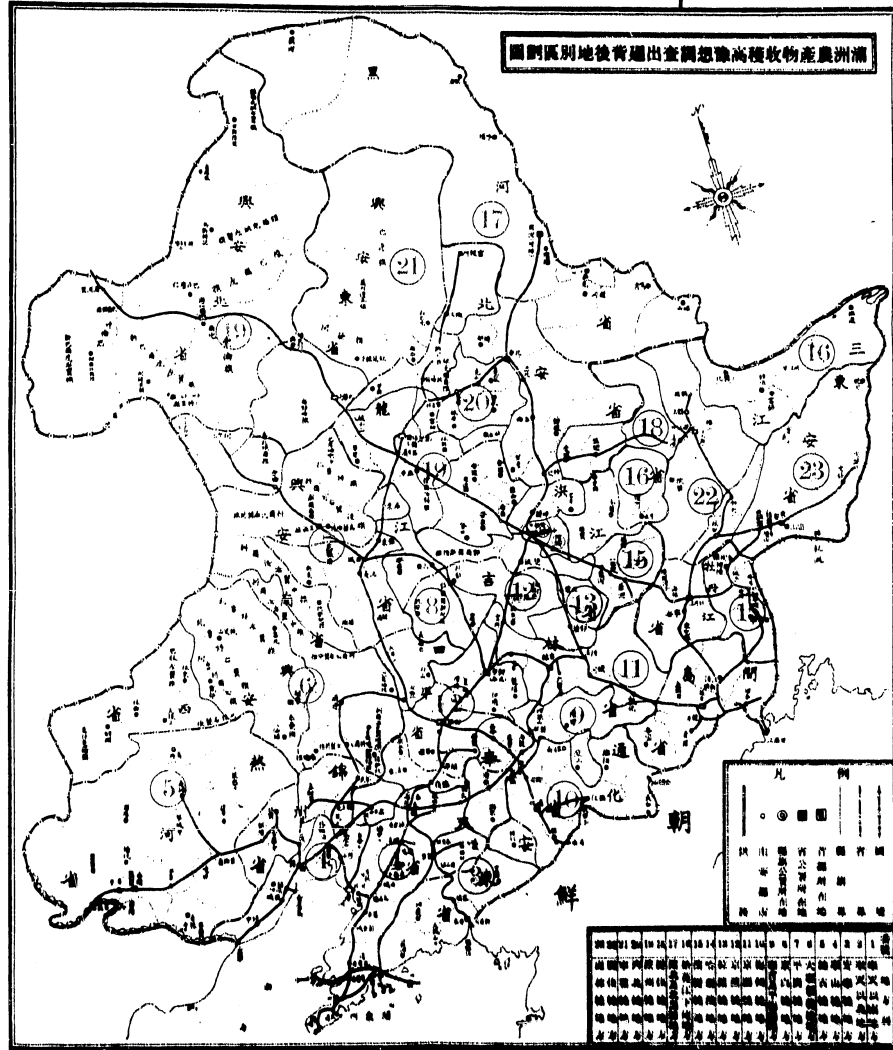
Investigation Report on Manganese Deposits in Kirin Province, Published by the South Manchuria Railway, November 1917

STAT

RESTRICTED

RESTRICTED

STAT



RESTRICTED

RESTRICTED

STAT

Total Area, Total Acreage Under Crops, and Acreage Under Crops per Farm and Farmer by Areas (for 1941)
I 地方別總面積、總作付面積及農家一戶當
並農業人口一人當作付面積

- A. Areas
- B. Total area (hectares)
- C. Total acreage under crops (hectares)
- D. No. of farms
- E. No. of farmers
- F. Acreage under crops per farm (hectares)
- G. Acreage under crops per farmer (hectares)

Southern Manchuria

- 1. Area south of Mukden
- 2. Area north of Mukden
- 3. Along the An-tung -- Mukden Railway
- 4. Along the Mukden -- Shan hai-kuan Railway
- 5. Along the Chin-chou -- Ku-peik'ou Railway
- 6. Along the Ta-hu-shan -- Cheng-chia-t'un and Hei-li-t'un -- I-hsien Railways
- 7. Along the Ssu-p'ing -- Tsitsihar Railway
- 8. Along the Ch'ang-ch'un -- Pai-ch'eng-tzu Railway
- 9. Along the Mukden -- Kirin and Ssu-p'ing -- Mei-ho-k'ou Railway
- 10. Along the Mei-ho-k'ou -- Chi-an Railway
- 11. Along the Ch'ang-ch'un -- Tzu-men Railway

Northern Manchuria

- 12. Along the Ch'ang-ch'un -- Harbin Railway
- 13. Along the La-fa -- Harbin Railway
- 14. Harbin Area
- 15. Along the Harbin -- Sui-feng-ho Railway
- 16. Lower reaches of the Sungari River
- 17. Along the Harbin -- Pei-an and Pei-an -- Hei-ho Railways
- 18. Along the Sui-mu -- Chia-mu-ssu Railway
- 19. Along the Harbin -- Manchu-li Railway
- 20. Along the Tsitsihar -- Pei-an Railway
- 21. Along the Ning-nien -- Ho-lung-men Railway
- 22. Along the Tzu-men -- Chia-mu-ssu Railway
- 23. Along the Hu-t'ou -- Lin-k'ou Railway

類別	面積	總作付面積	農家戶數	農業人口	農家一戶當作付面積	農業人口一人當作付面積
A	B	C	D	E	F	G
合計	120,214,266	19,869,116	8,169,801	81,926,924	2.79	0.81
小計	86,816,483	12,841,289	5,772,842	23,966,884	2.18	0.82
南						
Sub-total						
1 奉天以南地方	2,589,264	1,191,530	505,745	3,302,839	2.36	0.36
2 奉天以北地方	3,452,982	1,945,104	484,216	3,222,362	4.08	0.81
3 安奉線地方	2,784,012	511,202	280,225	1,757,180	1.88	0.28
4 奉山線地方	1,887,253	800,175	381,748	2,101,323	2.10	0.38
5 錦古線地方	15,142,380	2,282,074	842,989	5,458,613	2.40	0.41
6 大連及新鐵線地方	7,877,515	1,380,810	287,502	1,775,400	4.80	0.78
7 平齊線地方	8,924,732	1,285,684	203,814	1,291,842	6.36	1.00
8 京白線地方	2,180,250	708,021	104,090	731,489	8.21	0.97
9 奉吉及平海線地方	3,357,078	781,850	227,058	1,451,364	3.44	0.54
10 梅精線地方	2,831,475	278,338	112,078	635,688	2.48	0.44
11 京圖線地方	5,733,410	884,285	263,842	1,638,765	3.28	0.52
小計	79,889,814	7,387,789	1,889,848	9,889,959	6.48	0.88
北						
12 京京線地方	1,805,324	1,084,819	213,104	1,805,824	5.09	0.79
13 拉濱線地方	1,071,285	206,125	72,888	479,817	3.81	0.82
14 哈齊線地方	80,380	42,838	11,870	73,882	3.89	0.58
15 濱洲線地方	3,072,348	382,871	94,739	618,903	3.73	0.68
16 松花江下流地方	5,770,784	529,151	112,847	651,987	4.88	0.81
17 黑龍江及北滿線地方	18,871,737	1,246,689	214,437	1,387,481	6.81	0.81
18 綏化線地方	2,238,077	151,201	29,884	200,439	6.11	0.78
19 濱州線地方	22,824,907	1,648,128	227,478	1,578,928	7.28	1.00
20 齊北線地方	1,889,881	819,789	119,639	976,881	6.19	1.01
21 齊魯線地方	10,184,888	821,858	70,488	448,888	7.48	1.19
22 膠濟線地方	6,311,391	888,348	186,188	911,391	8.71	0.88
23 濟南線地方	3,888,184	188,818	48,728	388,378	4.88	0.88

(註) 總作付面積係二項作付面積

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

STAT

1. Total area (hectares)
2. Acreage under crops (hectares)
3. No. of farms
4. No. of farmers
5. Acreage under crops per farm (hectares)
6. Acreage under crops per farmer (hectares)
7. Names of hsien and banners
8. Area south of Mukden
9. Total
10. Mukden City
11. Mukden
12. Fu-shun City
13. Fu-shun
14. Liao-yang City
15. An-shan City
16. Liao-yang
17. Liao-chung
18. Hai-ch'eng
19. Ying-k'ou City
20. Kai-p'ing
21. Fu
22. Area north of Mukden
23. Total
24. T'ieh-ling City
25. T'ieh-ling
26. Fa-k'u
27. K'ang-p'ing
28. K'ai-yuan
29. Hsi-peng
30. Ch'ang-kang
31. Ssu-p'ing City
32. Li-shu
33. Huai-te
34. T'ung-yang
35. Ch'ang-ch'un City
36. Ch'ang-ch'un
37. Along the Mukden -- An-tung Railway
38. Total
39. An-tung City
40. An-tung
41. Feng-ch'eng
42. Peng-chi-hu City
43. Peng-chi-hu

Total Area, Total Acreage Under Crops, and Acreage Under Crops per Farm and Farmer by Hsien (for 1941)
 II 縣旗別總面積、總作付面積及農家一戶當
 農農業人口一人當作付面積

地方別	項目	總面積	總作付面積	農家戶數	農戶人口	農家一戶當 作付面積	農戶人口一人 當作付面積
		1	2	3	4	5	6
8	計	2,002,204	1,191,839	696,293	2,392,899	2.00	0.88
天	市	26,200	6,690	4,701	22,572	1.41	0.51
天	縣	186,991	235,493	80,750	489,209	2.60	0.48
天	縣	1,135	725	228	2,808	3.50	0.38
天	縣	244,204	70,552	23,200	78,987	3.04	0.88
天	縣	2,884	1,414	772	4,434	1.87	0.29
天	縣	12,324	4,080	1,613	12,704	2.54	0.32
天	縣	513,596	251,182	82,834	829,164	2.71	0.40
天	縣	171,110	132,529	42,575	284,489	3.11	0.42
天	縣	358,170	202,401	101,087	701,432	2.00	0.79
天	縣	11,082	2,124	2,020	24,856	1.05	0.14
天	縣	431,079	107,880	84,969	479,615	1.27	0.22
天	縣	520,731	179,885	70,522	664,179	2.55	0.38
20	計	2,482,988	1,889,164	484,218	2,222,892	4.00	0.87
天	市	2,200	1,150	1,285	7,278	2.84	0.18
天	縣	286,590	132,255	49,719	290,251	2.06	0.49
天	縣	211,658	118,600	35,827	220,101	3.25	0.53
天	縣	151,184	84,543	24,982	152,946	3.38	0.59
天	縣	339,519	143,448	44,027	279,942	3.26	0.51
天	縣	308,188	111,589	30,849	302,988	3.91	0.56
天	縣	371,702	283,908	68,038	421,989	4.30	0.87
天	縣	2,200	1,280	369	2,701	3.14	0.47
天	縣	528,800	323,030	58,228	398,823	5.55	0.81
天	縣	312,135	215,421	38,489	281,814	1.46	0.79
天	縣	490,223	230,734	84,207	458,559	3.59	0.51
天	縣	43,785	17,383	8,388	56,053	2.07	0.31
天	縣	415,884	303,805	80,488	451,013	5.02	0.87
31	計	2,784,812	2,111,892	568,288	1,787,168	1.90	0.88
天	市	30,389	16,589	5,549	42,164	2.99	0.38
天	縣	819,974	68,249	32,798	186,822	2.81	0.22
天	縣	844,170	75,078	50,711	374,837	1.48	0.28
天	縣	13,000	4,421	824	6,598	5.38	0.87
天	縣	488,888	54,721	25,170	176,190	2.17	0.31
天	縣	802,888	54,978	36,144	238,009	1.84	0.23
天	縣	443,846	158,723	75,000	537,202	2.12	0.28
天	縣	331,824	49,089	34,172	246,289	1.43	0.26
37	計	1,897,888	889,178	381,788	2,181,008	2.10	0.90
天	市	357,887	164,418	81,284	484,768	2.48	0.41
天	縣	11,488	4,214	3,100	6,200	1.38	0.60
天	縣	287,710	113,883	64,747	372,312	1.76	0.38
天	縣	135,881	82,978	52,822	248,488	1.64	0.32
天	縣	189,287	80,878	38,848	184,874	2.88	0.48
天	縣	319,288	143,978	68,788	387,238	2.18	0.54
天	縣	248,210	88,328	46,984	252,808	2.88	0.38
天	縣	788,817	88,128	36,888	332,122	1.78	0.28
天	縣	178,248	97,818	37,848	84,188	1.98	0.81

44. K'uan-tien
45. Chuang-ho
46. Hsiu-yen
47. Along the Mukden -- Shan-hai-kuan Railway
48. Total
49. Hsin-min
50. Chin-chou City
51. Chin
52. Pei-chen
53. T'ai-an
54. P'an-shan
55. Sui-chung
56. Hsing-ch'eng
57. Chin-hsi

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

Total Area, Total Acreage Under Crops, and Acreage Under Crops per Farm and Farmer by Hsiens (For 1941)

1. Total Area (hectares)
2. Total acreage under crops (hectares)
3. No. of farms
4. No. of farmers
5. Acreage under crops per farm (hectares)
6. Acreage under crops per farmer (hectares)
7. Names of hsiens and banners
8. Along the Chin-chou -- Ku-pe'i-k'ou Railway
9. Total
10. I
11. Tumet West
12. Tumet Center
13. Ch'eng-te
14. Hsing-lung
15. Luan-p'ing
16. Feng-ning
17. Lung-hua
18. Wei-ch'ang
19. Ongniod West
20. Ongniod East
21. Aokhan
22. Kharchin West
23. Kharchin Center
24. Kharchin East
25. Ch'ing-lung
26. Lin-hsi
27. Bairin West
28. Bairin East
29. Keshikten
30. Along the Ta-hu-shan -- Cheng-chia-t'un and Hsin-li-t'un -- I-hsien Railways
31. Total
32. Hei-shan
33. Fu-hsin City
34. Tumet East
35. Chang-wu
36. T'ung-liao
37. Khorchin East
38. Khorchin West
39. Kolun
40. K'ai-lu
41. Naiman
42. Jarod
43. Aro-Khorchin Wing South
44. Along the Ssu-p'ing -- Tsitsihar Railway
45. Total
46. Shuang-liao
47. Ch'ang-ling
48. K'ai-t'ung
49. Chan-yu
50. Li-ch'uan
51. T'ao-nan
52. Pai-ch'eng
53. Chen-tung
54. T'ai-lai
55. Khorchin East
56. Khorchin East
57. Khorchin West
58. Khorchin West
59. Jarod
60. Khijagar

省	縣	總面積	總收穫面積	總農戶數	總農戶人口	每戶收穫面積	每農戶收穫量	
7	計	16,132,000	2,768,076	292,868	6,202,310	2.48	0.87	
8	總計	200,233	111,937	62,868	321,184	1.85	0.80	
	吐魯番	427,642	155,944	73,397	440,382	1.79	0.80	
	鄯善	831,478	148,421	80,907	298,874	2.87	0.84	
	哈密	414,890	72,418	38,842	278,897	1.83	0.80	
	庫車	284,928	31,078	26,888	171,128	1.08	0.77	
	焉耆	371,700	37,388	28,818	218,968	2.80	0.84	
	阿克蘇	1,123,008	182,484	47,023	288,730	2.80	0.84	
	拜城	51,238	11,530	28,234	158,484	2.10	0.80	
	和闐	1,028,002	136,810	47,842	242,012	2.83	0.80	
	烏什	946,888	146,787	52,258	287,028	3.53	0.84	
	喀什	886,858	88,038	21,023	102,701	4.18	0.80	
	英吉沙	1,288,422	218,122	45,477	297,882	4.82	0.80	
	疏附	1,010,307	207,658	82,484	478,382	3.24	0.80	
	疏勒	775,188	171,128	81,201	468,788	2.11	0.80	
	塔什干	808,238	121,828	68,408	724,892	1.83	0.80	
	巴林	875,117	81,888	68,408	478,918	1.18	0.80	
	克什克騰	311,378	80,847	13,873	80,328	4.46	0.80	
	察哈爾	518,338	38,182	12,017	59,238	3.78	0.80	
察哈爾	888,841	50,844	18,828	88,382	3.18	0.80		
察哈爾	1,788,878	88,877	18,828	87,810	3.48	0.80		
30	計	7,877,818	1,288,818	287,888	1,778,488	4.88	0.78	
31	大興	215,431	143,228	88,828	348,918	2.44	0.82	
	山	34,878	8,777	5,831	68,878	1.74	1.32	
	察哈爾	588,078	158,272	44,888	388,128	3.58	0.88	
	察哈爾	337,888	112,888	28,888	178,228	3.82	0.82	
	察哈爾	348,718	187,331	28,888	188,888	6.88	0.88	
	察哈爾	288,238	81,331	15,023	188,888	4.08	0.88	
	察哈爾	1,884,388	314,884	41,881	238,888	7.88	1.07	
	察哈爾	284,874	87,888	5,831	41,888	12.18	0.82	
	察哈爾	211,888	102,818	14,142	78,878	7.77	1.08	
	察哈爾	843,887	148,828	28,487	144,887	6.88	0.88	
	察哈爾	1,888,887	30,788	2,787	14,338	7.82	1.44	
	察哈爾	1,478,828	58,732	14,888	88,888	4.08	0.88	
	44	計	8,884,782	1,288,884	288,814	1,288,884	6.88	1.08
	45	察哈爾	487,271	188,812	28,488	184,878	6.37	0.88
		察哈爾	388,228	128,414	28,427	188,411	6.84	0.88
		察哈爾	518,888	98,881	18,888	88,784	7.87	1.18
		察哈爾	431,288	88,887	7,881	88,888	7.12	1.12
		察哈爾	381,872	78,447	11,438	78,448	6.88	1.08
察哈爾		488,888	181,387	21,888	118,148	8.88	1.08	
察哈爾		288,848	188,882	18,428	128,117	7.88	1.08	
察哈爾		288,188	82,188	8,888	88,888	7.31	1.08	
察哈爾		77,838	188,784	18,888	178,188	6.74	1.08	
察哈爾		778,188	114,888	17,888	188,888	6.48	1.08	
察哈爾		1,647,888	71,734	18,887	88,822	6.74	1.08	
察哈爾		1,888,888	81,778	18,187	88,788	2.18	0.88	
察哈爾		848,871	18,818	4,444	18,878	6.82	1.08	
察哈爾		888,888	88,888	28,881	88,888	6.88	1.08	
察哈爾		888,888	1,881	488	8,788	4.14	0.88	

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

Total Area, Total Acreage Under Crops, and Acreage Under Crops per Farm and Farmer by Hsiens (For 1941)

1. Total Area (hectares)
2. Total acreage under crops (hectares)
3. No. of farms
4. No. of farmers
5. Acreage under crops per farm (hectares)
6. Acreage under crops per farmer (hectares)
7. Names of hsiens and banners
8. Along the Ch'ang-ch'un -- Pai-ch'eng-tzu Railway
9. Total
10. Nung-an
11. Gorlos
15. Along the Mukden -- Kirin and Ssu-p'ing -- Mei-ho-k'ou Railways
16. Total
17. Hua-tien
18. P'an-shih
19. Hsi-an
20. Tung-feng
26. Along the Mei-ho-k'ou -- Chi-an Railway
27. Total
28. T'ung-hua
29. Liu-ho
30. Fu-sung
35. Along the Ch'ang-ch'un -- Tzu-men Railway
36. Total
37. Kirin City
38. Yung-chi
39. Chiao-ho
40. Tun-hua
41. Chiu-t'ai
47. Along the Ch'ang-ch'un -- Harbin Railway
48. Total
49. Shuang-ch'eng
50. Yu-shu
53. Along the La-fe -- Harbin Railway
54. Total
55. Wu-ch'ang
56. Shu-lan
12. Ch'ien-an
13. Ta-lai
14. An-kuang
21. Hai-lung
22. Ching-yuan
23. Hsing-ching
24. Hui-nan
25. Meng-chiang
31. Ch'ang-pai
32. Lin-chiang
33. Chi-an
34. Huan-jen
42. Yen-chi
43. Wang-ching
44. Hun-ch'un
45. Ho-lung
46. An-tzu
51. Fu-yu
52. Te-hui

地方別	總面積	農作物總面積	農戶數	農戶人口	每戶平均	每人平均
計	2,100,000	700,000	100,000	700,000	0.87	0.87
遼寧	421,071	200,740	40,000	312,727	0.87	0.89
熱河	530,149	153,000	18,000	130,737	0.70	1.11
綏遠	481,000	100,100	10,000	70,110	0.42	1.27
察哈爾	370,000	80,000	10,000	80,000	0.20	0.80
冀東	370,000	80,000	10,000	101,070	0.63	0.80
計	2,070,000	700,000	100,000	1,000,000	0.60	0.60
遼寧	781,000	40,370	10,240	120,000	1.51	0.20
熱河	381,000	110,000	30,000	100,000	3.50	0.50
綏遠	250,000	100,000	20,000	200,000	4.01	0.50
察哈爾	100,000	110,000	20,000	200,000	3.00	0.50
冀東	330,000	50,000	17,110	120,000	3.50	0.40
遼寧	530,740	80,000	10,000	100,000	3.30	0.50
熱河	230,000	60,000	10,000	100,000	3.30	0.61
綏遠	300,010	6,157	3,100	10,000	1.07	0.40
計	2,001,070	270,000	110,070	600,000	2.40	0.44
遼寧	400,017	57,000	20,000	150,000	2.10	0.30
熱河	300,000	23,000	25,070	157,000	3.50	0.50
綏遠	200,000	20,000	7,000	70,000	2.70	0.50
察哈爾	320,000	14,100	5,000	30,000	2.41	0.40
冀東	450,000	20,000	10,000	50,000	2.30	0.50
遼寧	300,007	30,007	14,421	70,000	2.20	0.40
熱河	300,000	57,000	17,070	110,000	2.00	0.30
計	2,700,010	600,000	200,000	1,000,000	0.80	0.80
遼寧	1,000,000	100,000	100,000	1,000,000	0.80	0.77
熱河	800,000	200,000	200,000	800,000	0.80	0.80
綏遠	600,000	100,000	100,000	600,000	0.80	0.80
察哈爾	400,000	100,000	100,000	400,000	0.80	0.80
冀東	300,000	100,000	100,000	300,000	0.80	0.80
計	1,000,000	1,000,000	100,000	1,000,000	0.80	0.70
遼寧	510,000	300,000	60,000	410,000	1.20	0.60
熱河	400,000	200,000	40,000	400,000	1.10	0.70
綏遠	300,000	100,000	30,000	300,000	1.00	0.70
察哈爾	200,000	100,000	20,000	200,000	1.00	0.60
冀東	100,000	100,000	10,000	100,000	1.00	0.60
計	1,071,000	600,000	70,000	470,017	0.81	0.60
遼寧	570,000	100,000	30,000	470,017	1.00	0.60
熱河	400,000	120,000	30,000	400,000	1.10	0.60

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

Total Area, Total Acreage Under Crops, and Acreage Under Crops per Farm and Farmer by Hsiens (For 1941)

1. Total area (hectares)
2. Total acreage under crops (hectares)
3. No. of farms
4. No. of farmers
5. Acreage under crops per farm (hectares)
6. Acreage under crops per farmer (hectares)
7. Names of hsiens and banners
8. Harbin Area
9. Total
10. Harbin City
11. Along the Harbin -- Sui-feng-ho Railway
12. Total
13. A-ch'eng
14. Yen-shou
15. Chu-ho
20. Lower reaches of the Sungari River
21. Total
22. Pin
23. Mu-lan
24. T'ung-ho
25. Feng-cheng
26. Sui-pin
32. Along the Harbin -- Pei-an and Pei-an -- Hei-ho Railways
33. Total
34. Pa-yen
35. Tung-hsing
36. Hu-lan
37. Sui-hua
38. Sui-leng
39. Hai-lun
40. Wang-k'uei
41. T'ung-pei
52. Along the Sui-hua -- Chia-mu-su Railway
53. Total
54. Ch'ing-ch'eng
55. T'ieh-li
56. Yang-yuan
16. Wei-ho
17. Mu-leng
18. Sui-yang
19. Tung-ning
27. T'ung-chiang
28. Fu-chin
29. Lo-pei
30. Fu-yuan
31. Fo-shan
42. Pei-an
43. Te-tu
44. Hsun-ho
45. Ch'i-k'io
46. Ai-hun
47. Hu-ma
48. Ou-p'u
49. Mo-ho
50. Wu-yun
51. Sun-wu

省別	縣別	總面積	總作物面積	農家戶數	農戶人口	農戶一戶平均面積	農戶一人平均面積	
計		8,388	42,834	11,876	78,882	3.61	0.58	
滿洲		80,380	42,438	11,570	73,587	3.69	0.58	
計		8,972,868	582,871	84,728	816,889	6.78	0.88	
阿城	城	13	313,118	143,491	28,241	185,519	5.08	0.81
延慶	縣	14	401,247	88,349	24,284	159,849	4.05	0.71
綏化	縣	15	257,822	58,121	18,288	83,813	2.80	0.85
通遼	縣	16	583,521	20,111	8,885	39,288	2.26	0.91
地壘	縣	17	558,083	28,378	8,434	67,587	3.01	0.48
方	縣	18	340,782	2,284	1,724	8,211	1.81	0.28
東	縣	19	617,972	6,188	2,891	15,458	2.30	0.40
計		5,778,784	428,181	118,847	681,887	4.88	0.81	
木	縣	22	384,045	182,737	38,082	208,888	5.34	0.82
江	縣	23	218,852	87,318	12,888	78,888	5.18	0.82
下	縣	24	638,085	18,881	11,187	82,007	1.78	0.38
流	縣	25	488,012	38,288	8,882	80,208	3.34	0.58
地	縣	26	1,043,358	138,401	26,388	158,210	5.24	0.88
方	縣	27	587,511	31,000	6,888	42,883	4.45	0.72
北	縣	28	378,357	4,184	1,348	7,832	3.12	0.52
滿	縣	29	948,453	2,470	1,085	3,588	2.32	0.98
州	縣	30	801,087	850	348	1,750	2.50	0.48
計		12,221,737	1,248,488	214,487	1,887,481	6.81	0.81	
巴	縣	34	338,484	200,000	33,835	228,385	5.88	0.87
東	縣	35	78,282	15,818	8,888	30,887	2.88	0.52
呼	縣	36	301,585	218,181	28,283	218,588	7.72	1.02
北	縣	37	282,118	104,187	28,412	208,717	8.88	0.83
及	縣	38	575,777	63,410	11,800	88,800	5.47	0.92
北	縣	39	473,081	240,850	53,108	302,088	4.81	0.82
滿	縣	40	228,811	110,183	28,188	188,844	5.84	1.02
北	縣	41	828,883	15,388	4,333	20,820	3.88	0.78
滿	縣	42	1,031,403	17,508	4,210	28,470	4.18	0.88
州	縣	43	422,333	44,288	8,437	40,888	6.88	1.08
綏	縣	44	428,178	5,848	804	4,188	1.12	1.42
化	縣	45	174,377	3,888	881	4,487	1.12	1.42
地	縣	46	1,888,811	17,122	3,288	31,888	5.82	0.82
方	縣	47	881,814	2,018	278	1,881	4.82	1.02
呼	縣	48	2,870,482	1,002	288	860	3.82	1.12
滿	縣	49	2,481,881	881	238	837	2.48	0.82
州	縣	50	1,488,881	1,188	885	2,744	3.88	0.78
東	縣	51	248,888	3,888	728	4,811	4.22	0.82
計		8,888,877	181,881	38,844	82,488	5.11	0.78	
綏	縣	54	388,844	108,833	21,388	148,788	5.88	0.78
化	縣	55	388,388	8,881	1,833	18,388	4.12	0.88
地	縣	56	1,484,844	34,887	8,848	48,388	6.78	0.88

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Total Area, Total Acreage Under Crops, and Acreage Under Crops per Farm and Farmer by Hsiens (For 1941)

1. Total area (hectares)
2. Total acreage under crops (hectares)
3. No. of farms
4. No. of farmers
5. Acreage under crops per farm (hectares)
6. Acreage under crops per farmer (hectares)
7. Names of hsiens and banners
8. Along the Harbin -- Man-chu-li Railway
9. Total
10. Chao-chou
11. Chao-tung
12. Lan-hsi
13. Ch'ing-kang
14. Ming-shui
15. An-ta
16. Lin-tien
17. Lung-chiang
18. Ching-hsing
19. Durbet
31. Along the Tsitsihar -- Pei-an Railway
32. Total
33. I-an
34. K'o-shan
35. Fu-yu
39. Along the Ning-nien -- Ho-lun-men Railway
40. Total
41. Nen-chiang
42. No-ho
43. Kan-nan
47. Along the Tzu-men -- Chia-mu-ssu Railway
48. Total
49. Ning-an
50. Lin-k'ou
51. P'o-li
52. I-lan
57. Along the Hu-t'ou -- Lin-k'ou Railway
58. Total
59. Hu-lin
60. Mi-shan
61. Chi-ning
20. Gorlos
21. Butaha
22. East Argun
23. West Argun
24. Old Barga
25. So-lun
26. East New Barga
27. West New Barga
28. Man-chu-li City
29. Hailar City
30. Tsitsihar City
36. K'o-tung
37. Pai-ch'uan
38. Ikhe Mingan
44. Moroi Daba
45. Bayan
46. Aron
53. Hua-ch'uan
54. Hao-li
55. Mu-tan-chiang City
56. Chia-mu-ssu City
62. Jao-ho
63. Pao-ching

省別	縣別	總面積	總作物面積	農戶數	農人人口	每戶作物面積	每人作物面積
計		22,824,807	1,648,128	227,478	1,874,882	7.28	0.88
省	綏遠	419,247	187,158	28,180	227,540	7.88	0.91
	察哈爾	310,318	183,730	20,271	139,267	8.06	1.22
	熱河	283,708	171,687	28,228	101,608	6.81	0.98
	遼寧	280,718	176,106	26,738	178,875	6.28	0.88
	吉林	235,284	147,501	22,460	144,478	6.57	1.04
	黑龍江	220,927	84,917	13,548	81,200	6.37	0.87
	山東	207,428	80,780	13,828	83,288	6.57	0.87
	河南	1,001,285	227,523	32,873	208,887	6.88	1.18
	湖北	226,818	80,680	11,418	70,817	7.07	1.14
	湖南	837,527	32,880	10,842	88,214	7.88	1.21
地方	綏遠	2,480,438	47,847	10,825	85,588	4.43	0.78
	察哈爾	2,538,228	12,457	1,343	8,400	0.29	1.48
	熱河	2,027,089	1,751	335	1,853	0.74	0.76
	遼寧	2,048,287	728	243	1,458	2.04	0.51
	吉林	2,288,855	3,848	720	3,870	6.38	0.98
	黑龍江	2,881,858	83	95	478	0.87	0.17
	山東	3,038,808	71	38	128	1.87	0.58
	河南	888	125	38	138	3.58	0.88
	湖北	1,700	538	180	800	2.88	0.88
	湖南	6,681	482	81	755	5.70	0.87
計		1,828,883	818,788	118,888	878,881	8.18	1.28
地方	安東	341,885	178,887	28,178	157,344	4.88	1.14
	山陰	247,119	218,121	22,182	125,227	6.88	1.71
	克魯	281,118	48,255	5,888	38,107	0.87	1.27
	克魯	188,800	74,800	11,380	88,480	0.87	1.14
計		411,785	287,458	47,318	287,400	6.88	1.03
計		31,885	5,840	828	4,218	0.88	1.31
計		10,124,888	821,888	78,488	448,888	7.48	1.14
地方	江蘇	1,488,237	38,110	3,887	27,887	0.58	1.38
	浙江	888,888	288,418	38,888	228,384	0.87	1.28
	安徽	473,881	100,340	18,372	102,483	0.18	0.88
	江西	2,023,410	32,848	4,840	38,522	7.28	1.21
計		4,873,488	5,817	8,857	7,718	0.38	0.88
計		1,258,388	47,884	6,887	44,387	7.02	1.08
計		8,811,887	888,888	188,188	871,888	8.77	0.88
地方	雲南	1,744,342	138,788	48,317	244,888	3.12	0.88
	貴州	328,888	13,188	7,888	28,744	1.08	0.28
	廣西	838,884	48,814	17,884	102,178	2.84	0.48
	四川	848,818	148,838	28,888	288,788	4.78	0.88
	湖南	777,818	138,488	27,888	188,388	4.98	0.88
	江西	832,788	24,888	5,888	28,888	6.88	0.88
計		38,878	4,888	2,888	28,878	2.88	0.88
計		11,284	1,222	482	2,884	5.72	0.88
計		8,888,184	188,888	48,788	888,788	4.88	0.88
地方	雲南	1,837,388	8,788	4,888	28,888	1.48	0.28
	貴州	888,818	28,188	18,811	28,528	3.18	0.88
	廣西	277,884	44,888	18,888	88,881	4.18	0.88
	江西	848,817	8,888	1,888	7,188	1.78	0.28
計		888,718	28,888	8,888	28,818	3.88	0.88

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

10 Total Acreage and Yield by Crops and by Areas (for 1941)

Soybeans

地方別	項目	作物面積	2. 收穫面積				收穫量	收穫量	10% 定產
			合計	4/5	水害	其他			
合計	計	2,000,000	88,100	8,000	80,000	2,010,000	800	800	2,000,000
小計	計	2,000,000	88,100	8,000	80,000	2,010,000	800	800	2,000,000
1	奉天	200,000	10,000	1,000	9,000	200,000	1,000	1,000	200,000
2	黑龍江	400,000	20,000	2,000	18,000	400,000	2,000	2,000	400,000
3	山東	100,000	5,000	500	4,500	100,000	500	500	100,000
4	山西	100,000	5,000	500	4,500	100,000	500	500	100,000
5	察哈爾	100,000	5,000	500	4,500	100,000	500	500	100,000
6	綏遠	100,000	5,000	500	4,500	100,000	500	500	100,000
7	熱河	100,000	5,000	500	4,500	100,000	500	500	100,000
8	遼寧	100,000	5,000	500	4,500	100,000	500	500	100,000
9	吉林	100,000	5,000	500	4,500	100,000	500	500	100,000
10	總計	2,000,000	88,100	8,000	80,000	2,010,000	800	800	2,000,000
11	南滿洲	1,000,000	44,000	4,000	40,000	1,000,000	400	400	1,000,000
12	北滿洲	1,000,000	44,100	4,000	40,100	1,010,000	400	400	1,000,000

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Red Beans

地方別	項目	作物面積	2. 收穫面積				收穫量	收穫量	10% 定產
			合計	4/5	水害	其他			
合計	計	1,000,000	2,000	200	1,800	1,000,000	200	200	1,000,000
小計	計	1,000,000	2,000	200	1,800	1,000,000	200	200	1,000,000
1	奉天	100,000	2,000	200	1,800	100,000	200	200	100,000
2	黑龍江	200,000	4,000	400	3,600	200,000	400	400	200,000
3	山東	100,000	2,000	200	1,800	100,000	200	200	100,000
4	山西	100,000	2,000	200	1,800	100,000	200	200	100,000
5	察哈爾	100,000	2,000	200	1,800	100,000	200	200	100,000
6	綏遠	100,000	2,000	200	1,800	100,000	200	200	100,000
7	熱河	100,000	2,000	200	1,800	100,000	200	200	100,000
8	遼寧	100,000	2,000	200	1,800	100,000	200	200	100,000
9	吉林	100,000	2,000	200	1,800	100,000	200	200	100,000
10	總計	1,000,000	2,000	200	1,800	1,000,000	200	200	1,000,000
11	南滿洲	500,000	1,000	100	900	500,000	100	100	500,000
12	北滿洲	500,000	1,000	100	900	500,000	100	100	500,000

#33 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

STAT

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Total Acreage and Yield by Crops and by Areas (for 1941)

Green beans

綠豆

地方別	作物面積	2 新收穫面積					收穫量	7 收穫量		
		1	3	4	5	6		7	8	9
合計	100,878	8,857	48	1,004	301	100,800	628	601	100,800	
小計	100,840	1,870	48	1,004	301	98,970	611	584	98,970	
南	8,857	2	1	1	1	8,822	308	308	8,822	
北	10,851	35	20	20	4	10,824	707	704	10,824	
東	1,281	5	—	—	—	1,281	810	810	1,281	
西	2,380	5	—	—	—	2,385	740	743	2,385	
中	27,729	349	8	206	132	27,353	610	624	27,353	
南	15,474	583	20	583	10	15,321	628	628	15,321	
北	19,288	483	—	483	—	19,225	573	587	19,225	
東	12,845	333	13	310	—	12,512	578	584	12,512	
西	1,221	—	—	—	—	1,281	737	731	1,281	
中	573	92	—	—	—	573	142	142	573	
南	1,703	92	—	—	—	1,611	542	574	1,611	
小計	88,828	647	—	280	248	87,954	718	726	87,954	
南	10,823	16	—	16	—	10,815	757	758	10,815	
北	539	—	—	—	—	539	807	807	539	
東	140	—	—	—	—	140	787	787	140	
西	1,609	—	—	—	—	1,608	176	176	1,608	
中	831	42	—	12	30	788	611	620	788	
南	2,750	15	—	12	3	2,735	668	680	2,735	
北	110	5	—	5	—	107	800	817	107	
東	23,868	558	—	345	214	23,388	714	731	23,388	
西	4,444	—	—	—	—	4,444	622	622	4,444	
中	2,432	3	—	3	—	2,429	618	628	2,429	
南	976	—	—	—	—	976	577	577	976	
北	385	6	—	6	—	388	332	340	385	

Other kinds of beans

其他豆類

地方別	作物面積	2 新收穫面積					收穫量	7 收穫量		
		1	3	4	5	6		7	8	9
合計	100,878	1,807	170	1,878	608	100,624	713	721	100,624	
小計	100,780	1,800	160	1,860	608	100,600	698	706	100,600	
南	14,222	2	—	1	1	14,227	734	744	14,227	
北	7,237	70	20	13	30	7,168	870	880	7,168	
東	894	—	—	—	—	894	837	837	894	
西	6,231	14	—	—	—	6,217	843	844	6,217	
中	29,041	345	24	132	220	28,684	608	610	28,684	
南	14,889	505	39	470	—	14,044	628	637	14,044	
北	11,733	180	—	181	10	11,573	828	828	11,573	
東	5,940	150	—	150	—	4,822	873	881	4,822	
西	3,237	—	—	—	—	3,237	630	630	3,237	
中	1,438	11	—	—	—	1,427	833	833	1,427	
南	12,036	240	12	111	—	11,784	643	655	11,784	
小計	81,187	488	—	974	60	80,708	607	616	80,708	
南	4,237	—	—	—	—	4,238	834	834	4,237	
北	823	120	—	120	—	823	825	825	823	
東	132	—	—	—	—	132	845	845	132	
西	1,223	—	—	—	—	1,221	700	707	1,221	
中	7,064	80	—	80	—	6,974	679	679	6,974	
南	1,287	32	—	12	10	1,269	704	711	1,269	
北	800	30	—	30	—	800	600	600	800	
東	10,187	100	—	100	—	10,088	774	781	10,088	
西	7,824	—	—	—	—	7,823	828	828	7,823	
中	6,030	80	—	80	—	5,951	700	700	5,951	
南	161	—	—	—	—	164	617	617	161	

#53 Manchurian Agriculture Statistics for 1941. Compiled by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Kaoliang

地方別	項目	作付面積	2. 無收穫面積				收穫面積	4. 收穫量		備註
			3	4	5	6		7	8	
合計	合計	4,748,823	88,000	2,440	28,220	10,480	4,632,123	1,700	1,100	4,007,800
小計	合計	3,004,100	45,000	7,440	28,400	10,480	2,953,260	1,700	1,000	2,809,400
1	奉天	454,372	2,541	—	42	4,505	481,825	1,824	1,023	742,237
2	安東	567,337	3,959	288	2,789	1,392	569,430	1,901	1,201	753,444
3	吉林	35,824	—	—	—	—	35,824	1,010	1,010	18,200
4	遼寧	388,345	1,189	189	370	829	385,146	1,200	1,000	479,127
5	黑龍江	613,515	4,700	189	1,792	2,722	608,808	972	525	506,217
6	大連	448,412	8,102	150	6,227	1,473	437,310	919	899	408,218
7	四平	245,058	11,388	722	9,716	1,800	232,820	221	895	228,822
8	東省	151,127	4,073	138	2,785	1,160	147,254	886	872	158,474
9	奉天	181,405	1,818	70	978	1,071	180,548	1,450	1,470	229,108
10	安東	33,430	388	—	143	212	33,034	1,400	1,410	45,127
11	吉林	83,204	2,041	16	148	1,475	81,283	1,150	1,170	107,200
小計	合計	848,480	28,898	888	17,880	4,488	822,884	1,704	1,108	1,007,288
12	東省	197,174	506	—	486	10	196,610	1,376	1,272	271,718
13	大連	40,528	125	—	125	—	40,254	1,231	1,230	58,400
14	四平	8,270	311	—	182	129	7,988	1,003	1,000	10,200
15	東省	40,853	939	218	135	544	40,355	1,128	1,125	48,200
16	安東	82,232	2,418	—	2,024	1,350	79,808	988	1,010	78,414
17	黑龍江	141,578	3,223	—	2,074	1,148	138,353	1,240	1,270	178,287
18	東省	14,228	1,883	—	1,641	52	12,745	1,060	1,027	15,125
19	大連	252,388	5,758	227	4,486	1,043	245,930	1,073	1,087	278,200
20	四平	26,714	918	—	828	—	26,086	1,168	1,178	34,600
21	東省	30,535	1,413	—	1,412	—	29,122	1,019	1,000	31,122
22	奉天	49,888	4,123	415	3,232	141	46,558	880	1,021	48,525
23	安東	24,255	871	—	853	44	23,458	890	721	18,200

Italian millet

地方別	項目	作付面積	2. 無收穫面積				收穫面積	4. 收穫量		備註
			3	4	5	6		7	8	
合計	合計	2,007,623	41,001	1,040	87,816	22,244	1,965,772	841	804	2,018,772
小計	合計	2,004,870	41,001	1,040	88,000	22,244	1,964,626	800	800	2,009,400
1	奉天	106,888	823	—	1	822	108,000	1,400	1,412	140,700
2	安東	418,864	2,781	801	1,776	781	418,183	1,000	1,000	423,172
3	吉林	33,284	—	—	—	—	33,284	1,010	1,010	33,200
4	遼寧	68,250	283	12	12	68,126	68,171	970	962	78,100
5	黑龍江	868,247	8,284	404	3,267	2,823	864,944	910	854	897,072
6	大連	319,207	8,800	170	7,618	1,101	309,741	709	720	308,000
7	四平	275,418	18,297	118	13,041	2,188	262,480	712	705	197,100
8	東省	178,876	2,884	—	2,882	800	176,011	1,000	781	188,000
9	奉天	68,188	828	—	828	—	67,367	1,000	1,000	87,000
10	安東	28,413	118	—	96	20	28,308	1,000	1,017	36,200
11	吉林	182,208	2,460	171	206	2,183	180,100	910	812	188,000
小計	合計	1,004,471	24,776	877	20,881	7,176	980,000	1,000	1,000	1,000,000
12	東省	218,412	800	—	801	—	218,410	1,100	1,100	220,000
13	大連	24,708	88	—	78	10	24,630	1,100	1,100	25,000
14	四平	8,101	800	—	486	316	7,615	700	700	8,000
15	東省	49,484	434	78	144	111	49,340	1,000	1,000	50,000
16	安東	68,728	2,822	—	2,726	1,000	67,728	1,000	1,000	70,000
17	黑龍江	262,028	6,894	—	4,422	1,472	255,556	1,000	1,000	260,000
18	東省	68,187	8,800	—	8,800	—	67,387	1,000	1,000	80,000
19	大連	275,418	18,297	—	13,041	2,188	262,480	712	705	197,100
20	四平	26,714	918	—	828	—	26,086	1,168	1,178	34,600
21	東省	30,535	1,413	—	1,412	—	29,122	1,019	1,000	31,122
22	奉天	49,888	4,123	415	3,232	141	46,558	880	1,021	48,525
23	安東	24,255	871	—	853	44	23,458	890	721	18,200

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Maize

玉米

地方別	項目	作物面積	2 無收穫面積				收穫面積	雨量		備註
			3	4	5	6		7	8	
合計	計	2,494,800	48,400	1,400	20,120	11,000	2,000,000	1,800	1,810	2,100,000
小計	計	1,494,400	10,100	400	10,000	8,000	1,400,000	1,000	1,000	1,400,000
南	1 奉天	133,000	2,500	—	—	2,500	130,500	1,400	1,500	130,000
南	2 安東	180,000	1,000	200	800	400	180,000	1,500	1,510	180,000
南	3 吉林	210,000	—	—	—	—	210,000	1,810	1,810	210,000
南	4 遼寧	40,000	30	—	—	—	40,000	1,200	1,200	40,000
南	5 黑龍江	49,000	100	30	—	—	48,000	1,100	1,100	48,000
南	6 大連	80,000	1,300	—	—	—	80,000	1,200	1,200	80,000
南	7 四平	240,000	6,000	—	—	—	240,000	1,200	1,200	240,000
南	8 東寧	140,000	2,300	—	—	—	140,000	1,200	1,200	140,000
南	9 承德	180,000	1,800	—	—	—	180,000	1,510	1,510	180,000
南	10 東寧	22,000	500	—	—	—	22,000	1,200	1,200	22,000
南	11 東寧	70,000	1,700	30	—	—	70,000	1,000	1,000	70,000
北	小計	970,000	97,000	1,000	21,000	3,000	880,000	1,800	1,800	1,000,000
北	12 承德	82,100	200	—	—	—	82,100	1,400	1,400	82,100
北	13 承德	32,700	110	—	—	—	32,700	1,410	1,410	32,700
北	14 承德	5,000	500	—	—	—	5,000	1,350	1,350	5,000
北	15 承德	80,000	1,300	—	—	—	80,000	1,200	1,200	80,000
北	16 承德	77,000	6,000	—	—	—	77,000	1,200	1,200	77,000
北	17 承德	120,100	2,000	—	—	—	120,100	1,200	1,200	120,100
北	18 承德	23,250	2,500	—	—	—	23,250	1,100	1,100	23,250
北	19 承德	270,000	5,000	120	—	—	270,000	1,200	1,200	270,000
北	20 承德	80,000	70	—	—	—	80,000	1,200	1,200	80,000
北	21 承德	50,000	1,500	—	—	—	50,000	1,200	1,200	50,000
北	22 承德	80,000	2,300	410	—	—	80,000	1,100	1,100	80,000
北	23 承德	20,000	2,000	—	—	—	20,000	1,000	1,000	20,000

Wheat

小麥

地方別	項目	作物面積	2 無收穫面積				收穫面積	雨量		備註
			3	4	5	6		7	8	
合計	計	1,000,000	14,000	500	10,000	4,000	1,000,000	800	800	1,000,000
小計	計	1,000,000	14,000	500	10,000	4,000	1,000,000	800	800	1,000,000
南	1 奉天	24,000	40	—	—	—	24,000	800	800	24,000
南	2 安東	13,000	30	—	—	—	13,000	800	800	13,000
南	3 吉林	100	—	—	—	—	100	800	800	100
南	4 遼寧	10,000	100	—	—	—	10,000	800	800	10,000
南	5 黑龍江	30,000	1,000	50	—	—	30,000	800	800	30,000
南	6 大連	6,510	300	—	—	—	6,510	800	800	6,510
南	7 四平	10,000	1,000	—	—	—	10,000	800	800	10,000
南	8 東寧	1,000	200	—	—	—	1,000	800	800	1,000
南	9 承德	8,000	200	—	—	—	8,000	800	800	8,000
南	10 東寧	7,000	100	—	—	—	7,000	800	800	7,000
南	11 東寧	2,000	50	—	—	—	2,000	800	800	2,000
北	小計	800,000	10,000	100	7,000	4,000	800,000	800	800	800,000
北	12 承德	77,000	80	—	—	—	77,000	800	800	77,000
北	13 承德	2,000	50	—	—	—	2,000	800	800	2,000
北	14 承德	10,000	—	—	—	—	10,000	800	800	10,000
北	15 承德	80,000	3,000	—	—	—	80,000	800	800	80,000
北	16 承德	80,000	1,000	—	—	—	80,000	800	800	80,000
北	17 承德	120,000	2,000	—	—	—	120,000	800	800	120,000
北	18 承德	23,000	2,000	—	—	—	23,000	800	800	23,000
北	19 承德	270,000	5,000	100	—	—	270,000	800	800	270,000
北	20 承德	80,000	70	—	—	—	80,000	800	800	80,000
北	21 承德	50,000	1,500	—	—	—	50,000	800	800	50,000
北	22 承德	80,000	2,300	410	—	—	80,000	800	800	80,000
北	23 承德	20,000	2,000	—	—	—	20,000	800	800	20,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Rice (irrigated)

地方別	作物種別	面積 (ha)				收穫量 (kg)			
		計	損	作	無	計	損	作	無
計	計	600,000	10,000	590,000	100,000	10,000	490,000	10,000	480,000
南	計	22,000	100	21,900	100	100	21,800	100	21,700
北	計	578,000	9,900	568,100	99,900	9,900	558,200	9,900	548,300

Rice (unirrigated)

地方別	作物種別	面積 (ha)				收穫量 (kg)			
		計	損	作	無	計	損	作	無
計	計	10,000	100	9,900	100	100	9,800	100	9,700
南	計	10,000	100	9,900	100	100	9,800	100	9,700
北	計	0	0	0	0	0	0	0	0

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

STAT

Total Acreage and Yield by Crops and by Areas. (for 1941)

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Barley

地方別	作物種類	面積 (公頃)				收穫量 (公噸)		收穫量 (公担)	
		1	2	3	4	5	6	7	8
合計	計	100,017	2,828	21	1,257	1,000	100,000	997	997
小計	計	49,848	1,891	10	1,000	800	49,800	497	497
南	計	49,848	1,891	10	1,000	800	49,800	497	497
北	計	50,169	937	11	257	200	50,100	500	500
南	計	1,001	404	4	4	1,001	1,001	1,001	1,001
北	計	49,168	533	7	253	199	49,100	497	497
南	計	1,001	404	4	4	1,001	1,001	1,001	1,001
北	計	48,167	129	3	249	199	48,100	497	497
南	計	2,044	186	1	1	2,044	2,044	2,044	2,044
北	計	8,322	751	10	256	800	8,300	800	800
南	計	947	1	1	1	947	947	947	947
北	計	7,375	750	9	255	800	7,300	800	800
南	計	322	10	10	10	312	312	312	312
北	計	7,053	740	0	250	800	7,000	800	800
南	計	2,818	69	13	13	2,777	2,777	2,777	2,777
北	計	4,235	631	0	237	800	4,200	800	800
南	計	5,485	171	3	3	5,485	5,485	5,485	5,485
北	計	19,074	422	20	234	1,000	19,000	1,000	1,000
小計	計	100,017	1,844	21	1,070	800	100,000	997	997
南	計	1,844	6	6	6	1,844	1,844	1,844	1,844
北	計	1,997	12	15	15	1,997	1,997	1,997	1,997
南	計	84	6	6	6	84	84	84	84
北	計	2,633	54	9	9	2,633	2,633	2,633	2,633
南	計	1,285	15	15	15	1,285	1,285	1,285	1,285
北	計	18,088	390	237	102	18,088	18,088	18,088	18,088
南	計	1,221	45	45	45	1,176	1,176	1,176	1,176
北	計	6,867	117	74	43	6,912	6,912	6,912	6,912
南	計	25,097	48	48	48	25,049	25,049	25,049	25,049
北	計	7,548	811	81	81	7,527	7,527	7,527	7,527
南	計	3,352	302	303	30	3,233	3,233	3,233	3,233
北	計	2,121	175	21	118	1,800	1,800	1,800	1,800

Oats

地方別	作物種類	面積 (公頃)				收穫量 (公噸)		收穫量 (公担)	
		1	2	3	4	5	6	7	8
合計	計	100,017	2,828	21	1,257	1,000	100,000	997	997
小計	計	49,848	1,891	10	1,000	800	49,800	497	497
南	計	49,848	1,891	10	1,000	800	49,800	497	497
北	計	50,169	937	11	257	200	50,100	500	500
南	計	1,001	404	4	4	1,001	1,001	1,001	1,001
北	計	49,168	533	7	253	199	49,100	497	497
南	計	1,001	404	4	4	1,001	1,001	1,001	1,001
北	計	48,167	129	3	249	199	48,100	497	497
南	計	2,044	186	1	1	2,044	2,044	2,044	2,044
北	計	8,322	751	10	256	800	8,300	800	800
南	計	947	1	1	1	947	947	947	947
北	計	7,375	750	9	255	800	7,300	800	800
南	計	322	10	10	10	312	312	312	312
北	計	7,053	740	0	250	800	7,000	800	800
南	計	2,818	69	13	13	2,777	2,777	2,777	2,777
北	計	4,235	631	0	237	800	4,200	800	800
南	計	5,485	171	3	3	5,485	5,485	5,485	5,485
北	計	19,074	422	20	234	1,000	19,000	1,000	1,000
小計	計	100,017	1,844	21	1,070	800	100,000	997	997
南	計	1,844	6	6	6	1,844	1,844	1,844	1,844
北	計	1,997	12	15	15	1,997	1,997	1,997	1,997
南	計	84	6	6	6	84	84	84	84
北	計	2,633	54	9	9	2,633	2,633	2,633	2,633
南	計	1,285	15	15	15	1,285	1,285	1,285	1,285
北	計	18,088	390	237	102	18,088	18,088	18,088	18,088
南	計	1,221	45	45	45	1,176	1,176	1,176	1,176
北	計	6,867	117	74	43	6,912	6,912	6,912	6,912
南	計	25,097	48	48	48	25,049	25,049	25,049	25,049
北	計	7,548	811	81	81	7,527	7,527	7,527	7,527
南	計	3,352	302	303	30	3,233	3,233	3,233	3,233
北	計	2,121	175	21	118	1,800	1,800	1,800	1,800

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Total Acreage and Yield by Crops and by Areas (1941-1942)

Millet

Area	Cultivated Area (ha)	Total Acreage (ha)	Acreage with no yield (ha)	Total Damaged Acreage (ha)	Acreage Harvested (ha)	Yield per hectare against total acreage under crops (kg)	Yield per hectare against total acreage harvested (kg)	Total Yield (MT)	Sub-totals	
									Southern Manchuria	Northern Manchuria
1	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
8	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
9	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
10	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
11	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
12	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000

Sawa millet

Area	Cultivated Area (ha)	Total Acreage (ha)	Acreage with no yield (ha)	Total Damaged Acreage (ha)	Acreage Harvested (ha)	Yield per hectare against total acreage under crops (kg)	Yield per hectare against total acreage harvested (kg)	Total Yield (MT)	Sub-totals	
									Southern Manchuria	Northern Manchuria
1	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
8	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
9	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
10	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
11	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000
12	100,000	100,000	0	0	100,000	100	100	10,000	100,000	10,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

STAT

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Total Acreage and Yield by Crops and by Areas (for 1941)

Buckwheat

地方別	作付面積	2. 新収面積			3. 收穫面積			4. 收穫量		
		計	旱	水	計	旱	水	計	旱	水
合計	48,822	9,928	1,100	10,772	1,000	1,000	10,000	1,000	1,000	1,000
南	38,822	8,828	1,000	9,828	900	900	9,000	900	900	900
北	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
東	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
西	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
中	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
南	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
北	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
東	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
西	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
中	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
南	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
北	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
東	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
西	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
中	10,000	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

Ramie for fiber

大麻 (纖維用)

地方別	作付面積	2. 新収面積			3. 收穫面積			4. 收穫量		
		計	旱	水	計	旱	水	計	旱	水
合計	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
南	8,000	800	800	800	800	800	800	800	800	800
北	2,000	200	200	200	200	200	200	200	200	200
東	2,000	200	200	200	200	200	200	200	200	200
西	2,000	200	200	200	200	200	200	200	200	200
中	2,000	200	200	200	200	200	200	200	200	200
南	2,000	200	200	200	200	200	200	200	200	200
北	2,000	200	200	200	200	200	200	200	200	200
東	2,000	200	200	200	200	200	200	200	200	200
西	2,000	200	200	200	200	200	200	200	200	200
中	2,000	200	200	200	200	200	200	200	200	200

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

10. Total Acreage and Yield by Crops and by Area (for 1941)

Ramie for seeds

小麻子(子实用)

地区	播种面积	2. 受灾面积			收获面积	总产量	平均单产
		3. 旱灾	4. 水灾	5. 其他			
南满	10,000	1,000	2,000	3,000	100,000	10,000	
北满	10,000	1,000	2,000	3,000	100,000	10,000	
合计	20,000	2,000	4,000	6,000	200,000	20,000	

Perilla seeds

紫苏子(子实用)

地区	播种面积	2. 受灾面积			收获面积	总产量	平均单产
		3. 旱灾	4. 水灾	5. 其他			
南满	10,000	1,000	2,000	3,000	100,000	10,000	
北满	10,000	1,000	2,000	3,000	100,000	10,000	
合计	20,000	2,000	4,000	6,000	200,000	20,000	

#33 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Total Acreage and Yield by Crops and by Area (for 1941)

Cotton, imported species

省別	面積	2. 收穫量			收穫率	單位收穫量	總收穫量
		面積	收穫量	單位收穫量			
全	10,780	30	122	0.03	10,750	10,750	
南	10,780	30	122	0.03	10,750	10,750	
北							

Cotton, native species

省別	面積	2. 收穫量			收穫率	單位收穫量	總收穫量
		面積	收穫量	單位收穫量			
全	11,000	170	170	0.015	11,170	11,170	
南	11,000	170	170	0.015	11,170	11,170	
北							

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

20. Total Acreage and Yield by Crops and by Areas: (For 1941)

Tobacco, US species

地方別	項目	作付面積	面積 (ヘクタール)			収穫量 (キログラム)			平均収量
			計	3年	平均	計	3年	平均	
合計	計	25,770	25,770	25,770	25,770	25,770	25,770	25,770	
小計	計	25,000	25,000	25,000	25,000	25,000	25,000	25,000	
南	計	2,770	2,770	2,770	2,770	2,770	2,770	2,770	
北	計	22,230	22,230	22,230	22,230	22,230	22,230	22,230	
南	計	2,770	2,770	2,770	2,770	2,770	2,770	2,770	
北	計	22,230	22,230	22,230	22,230	22,230	22,230	22,230	

1. Acreage under crops (hectares)
2. Damaged acreage with no yield.
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Tobacco, native species

煙草 (在来種)

地方別	項目	作付面積	面積 (ヘクタール)			収穫量 (キログラム)			平均収量
			計	3年	平均	計	3年	平均	
合計	計	22,400	22,400	22,400	22,400	22,400	22,400	22,400	
小計	計	18,800	18,800	18,800	18,800	18,800	18,800	18,800	
南	計	1,700	1,700	1,700	1,700	1,700	1,700	1,700	
北	計	17,100	17,100	17,100	17,100	17,100	17,100	17,100	
南	計	1,700	1,700	1,700	1,700	1,700	1,700	1,700	
北	計	17,100	17,100	17,100	17,100	17,100	17,100	17,100	

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

Abutilon hemp
蜀麻 (青麻)

地方別	計	2. 損害面積				計	7. 收穫面積		計
		1	3	4	5		7	8	
合計	10,478	100	0	100	0	10,378	1,000	9,378	
小計	10,300	100	0	100	0	10,200	1,000	9,200	
南	2,032	0	0	0	0	2,032	200	1,832	
北	8,268	100	0	100	0	8,168	800	7,368	
東	1,000	0	0	0	0	1,000	200	800	
西	1,212	0	0	0	0	1,212	100	1,112	
中	1,000	0	0	0	0	1,000	100	900	
合計	8,268	100	0	100	0	8,168	800	7,368	
南	400	0	0	0	0	400	0	400	
北	788	100	0	100	0	788	800	788	
東	1,000	0	0	0	0	1,000	200	800	
西	1,212	0	0	0	0	1,212	100	1,112	
中	1,000	0	0	0	0	1,000	100	900	

Flax
苧麻

地方別	計	2. 損害面積				計	7. 收穫面積		計
		1	3	4	5		7	8	
合計	90,478	600	0	600	0	89,878	1,000	88,878	
小計	84,878	600	0	600	0	84,278	1,000	83,278	
南	3,000	0	0	0	0	3,000	200	2,800	
北	81,878	600	0	600	0	81,278	800	80,478	
東	400	0	0	0	0	400	200	200	
西	1,100	0	0	0	0	1,100	100	1,000	
中	1,178	0	0	0	0	1,178	100	1,078	
合計	81,878	600	0	600	0	81,278	800	80,478	
南	3,000	0	0	0	0	3,000	200	2,800	
北	78,878	600	0	600	0	78,278	600	77,678	
東	1,000	0	0	0	0	1,000	200	800	
西	1,178	0	0	0	0	1,178	100	1,078	
中	1,000	0	0	0	0	1,000	100	900	

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

#2 Total Acreage and Yield by Crops and by Areas (for 1941)

Hemp

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

地方	1	2			7	8	9	10
		3	4	5				
合計	48,200	970	10	10	48,200	48,200	1,000	48,200
南	18,340	675	10	10	17,665	17,665	1,000	17,665
北	4,700	80	10	10	4,610	4,610	1,000	4,610
東	15,430	90	10	10	15,330	15,330	1,000	15,330
西	4,890	25	10	10	4,855	4,855	1,000	4,855
南	130	14	10	10	116	116	1,000	116
北	720	10	10	10	710	710	1,000	710
南	140				140	140	1,000	140
北	100				100	100	1,000	100
東	40				40	40	1,000	40
西							1,000	

Castor-oil seeds

大麻子 (大麻子)

地方	1	2			7	8	9	10
		3	4	5				
合計	48,200	2,370	20	20	48,200	48,200	1,000	48,200
南	18,340	2,100	20	20	18,220	18,220	1,000	18,220
北	4,700	11	10	10	4,679	4,679	1,000	4,679
東	15,430	100	20	20	15,310	15,310	1,000	15,310
西	4,890	90	10	10	4,790	4,790	1,000	4,790
南	130	14	10	10	116	116	1,000	116
北	720	10	10	10	710	710	1,000	710
南	140				140	140	1,000	140
北	100				100	100	1,000	100
東	40				40	40	1,000	40
西							1,000	

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

STAT

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Total Acreage and Yield by Crops and by Areas (for 1941)

Sesame seeds.

地方別	面積	2. 收穫面積			3. 收穫量		
		1. 面積	2. 收穫面積	3. 收穫量	4. 收穫量	5. 收穫量	6. 收穫量
全	10,000	8,000	7,000	1,000	1,000	1,000	1,000
南	5,000	4,000	3,500	500	500	500	500
北	5,000	4,000	3,500	500	500	500	500

Peanuts

落花生

地方別	面積	2. 收穫面積			3. 收穫量		
		1. 面積	2. 收穫面積	3. 收穫量	4. 收穫量	5. 收穫量	6. 收穫量
全	10,000	8,000	7,000	1,000	1,000	1,000	1,000
南	5,000	4,000	3,500	500	500	500	500
北	5,000	4,000	3,500	500	500	500	500

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

Sugar beets

Area	Acreage (hectares)		Yield (kg)		Yield per hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Manchuria	10,000	8,000	100,000	80,000	10	10
Southern Manchuria	5,000	4,000	50,000	40,000	10	10
Northern Manchuria	5,000	4,000	50,000	40,000	10	10

Melon seeds

Area	Acreage (hectares)		Yield (kg)		Yield per hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Manchuria	10,000	8,000	100,000	80,000	10	10
Southern Manchuria	5,000	4,000	50,000	40,000	10	10
Northern Manchuria	5,000	4,000	50,000	40,000	10	10

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

Others

地方別	作物種別	2. 損害面積 (ha)					収穫面積 (ha)	10. 総産量 (MT)	9. 収穫1ha当り (kg)
		7	3	4	5	6			
合計		84,728	1,244	222	222	83,262	10,000	120	
小計		81,446	1,244	222	222	79,758	9,750	122	
南		814				814	110	136	
北		8,082	1,244	222	222	6,904	9,640	140	
南		113				113	110	97	
北		1,037				1,037	1,037	100	
南		114				114	114	100	
北		8,968				8,790	8,526	97	
南		30				30	30	100	
北		2,401				2,401	2,401	100	
南		225				225	225	100	
北		1				1	1	100	

Fruits

果実

地方別	作物種別	2. 損害面積 (ha)					収穫面積 (ha)	10. 総産量 (MT)	9. 収穫1ha当り (kg)
		7	3	4	5	6			
合計		18,778	118	118	118	18,542	1,870	101	
小計		18,306	118	118	118	18,052	1,840	102	
南		4,822				4,822	482	100	
北		13,484	118	118	118	13,234	1,358	103	
南		4,402				4,402	440	100	
北		9,082	118	118	118	8,866	8,918	103	
南		341				341	341	100	
北		110				110	110	100	
南		225				225	225	100	
北		1				1	1	100	

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

RESTRICTED

Total Acreage and Yield by Crops and by Areas (for 1941)

Potatoes

Area	Acreage (hectares)		Yield (kg)		Yield (MT)	
	Total	Harvested	Total	Harvested	Total	Harvested
1. Acreage under crops	100,000	80,000	10,000,000	8,000,000	100,000	80,000
2. Damaged acreage with no yield	10,000	0	0	0	0	0
3. Total damaged acreage	10,000	0	0	0	0	0
4. By drought	5,000	0	0	0	0	0
5. By floods	5,000	0	0	0	0	0
6. By others	0	0	0	0	0	0
7. Acreage harvested	90,000	80,000	9,000,000	8,000,000	90,000	80,000
8. Yield per hectare against total acreage under crops			90	100	0.9	1.0
9. Yield per hectare against total acreage harvested			100	100	1.0	1.0
10. Total yield					90,000	80,000
11. Sub-total for Southern Manchuria	50,000	40,000	5,000,000	4,000,000	50,000	40,000
12. Sub-total for Northern Manchuria	50,000	40,000	5,000,000	4,000,000	50,000	40,000

Fresh vegetables

Area	Acreage (hectares)		Yield (kg)		Yield (MT)	
	Total	Harvested	Total	Harvested	Total	Harvested
1. Acreage under crops	100,000	80,000	10,000,000	8,000,000	100,000	80,000
2. Damaged acreage with no yield	10,000	0	0	0	0	0
3. Total damaged acreage	10,000	0	0	0	0	0
4. By drought	5,000	0	0	0	0	0
5. By floods	5,000	0	0	0	0	0
6. By others	0	0	0	0	0	0
7. Acreage harvested	90,000	80,000	9,000,000	8,000,000	90,000	80,000
8. Yield per hectare against total acreage under crops			90	100	0.9	1.0
9. Yield per hectare against total acreage harvested			100	100	1.0	1.0
10. Total yield					90,000	80,000
11. Sub-total for Southern Manchuria	50,000	40,000	5,000,000	4,000,000	50,000	40,000
12. Sub-total for Northern Manchuria	50,000	40,000	5,000,000	4,000,000	50,000	40,000

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

STAT

1. Acreage under crops (hectares)
2. Damaged acreage with no yield
3. Total damaged acreage (hectares)
4. By drought (hectares)
5. By floods (hectares)
6. By others (hectares)
7. Acreage harvested (hectares)
8. Yield per hectare against total acreage under crops (kg)
9. Yield per hectare against total acreage harvested (kg)
10. Total yield (MT)
11. Sub-total for Southern Manchuria
12. Sub-total for Northern Manchuria

(Total Acreage and Yield by Crops and by Areas (for 1941))

Ruusan

ルースン

地方別	項目	2. 被害面積				3. 収穫面積				4. 収穫量			
		合計	旱害	水害	その他	合計	雑穀	大豆	小麦	合計	雑穀	大豆	小麦
全	計	2,276	100	100	100	2,076	100	100	100	2,076	100	100	100
小	計	2,007	100	100	100	1,807	100	100	100	1,807	100	100	100
南	計	210	100	100	100	190	100	100	100	190	100	100	100
北	計	1,797	100	100	100	1,617	100	100	100	1,617	100	100	100
南	計	174	100	100	100	160	100	100	100	160	100	100	100
北	計	1,623	100	100	100	1,457	100	100	100	1,457	100	100	100
南	計	358	100	100	100	347	100	100	100	347	100	100	100
北	計	291	100	100	100	273	100	100	100	273	100	100	100
南	計	48	100	100	100	47	100	100	100	47	100	100	100
北	計	311	100	100	100	296	100	100	100	296	100	100	100
小	計	878	100	100	100	810	100	100	100	810	100	100	100
南	計	277	100	100	100	257	100	100	100	257	100	100	100
北	計	601	100	100	100	553	100	100	100	553	100	100	100
南	計	41	100	100	100	38	100	100	100	38	100	100	100
北	計	560	100	100	100	515	100	100	100	515	100	100	100
南	計	14	100	100	100	13	100	100	100	13	100	100	100
北	計	167	100	100	100	154	100	100	100	154	100	100	100
南	計	7	100	100	100	6	100	100	100	6	100	100	100
北	計	160	100	100	100	148	100	100	100	148	100	100	100
南	計	14	100	100	100	13	100	100	100	13	100	100	100
北	計	146	100	100	100	135	100	100	100	135	100	100	100

RESTRICTED

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rubber

Acreage Under Crops and Amount of Yield and by Areas (For 1941)
Area south of Mukden

Crop	Area (hectares)		Yield (kg)		Total Yield (MT)	
	Area	Percentage	Yield	Percentage	Total Yield	Yield per Hectare
Total	1,000,000	100.0	10,000,000	100.0	10,000,000	10,000
Principal crops, sub-total	800,000	80.0	8,000,000	80.0	8,000,000	10,000
Soybeans	150,000	15.0	1,500,000	15.0	1,500,000	10,000
Red beans	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Green beans	50,000	5.0	500,000	5.0	500,000	10,000
Other kinds of beans	50,000	5.0	500,000	5.0	500,000	10,000
Kaoliang	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Italian millet	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Maize	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Wheat	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Rice (irrigated)	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Rice (unirrigated)	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Barley	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Oats	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Millet	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Sawa millet	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Buckwheat	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Special crops, sub-total	200,000	20.0	2,000,000	20.0	2,000,000	10,000
Ramie for fiber	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Ramie for seeds	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Perilla seeds	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Cotton, imported species	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Cotton, native species	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Tobacco, US species	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Tobacco, native species	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Abutilon hemp	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Flax	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Hemp	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Castor-oil seeds	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Sesame seeds	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Peanuts	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Sugar beets	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Melon seeds	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Others	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Other crops, sub-total	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Fruits	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Potatoes	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Fresh vegetables	100,000	10.0	1,000,000	10.0	1,000,000	10,000
Rubber	100,000	10.0	1,000,000	10.0	1,000,000	10,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

STAT

Area Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Area north of Mukden
奉天以北地帯

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物名	計	1	2	3	4	5	6	7	8	9	10	11	12
合計	100.00	1,200,000	10,000	1,000	0.500	0.000	1,000,000	0.000	0.000	2,000,000	0.000	0.000	2,000,000
大豆	23.31	281,197	6,300	700	2,470	2,970	432,000	1,100	1,110	900,000	0.000	0.000	900,000
小豆	1.58	24,770	110	—	70	—	90,000	—	—	90,000	—	—	180,000
綠豆	0.55	10,400	30	—	—	—	10,000	—	—	10,000	—	—	20,000
其他豆	0.37	7,300	70	—	—	—	7,100	—	—	7,100	—	—	14,200
高粱	18.87	567,390	2,950	200	2,200	1,300	553,000	1,300	1,400	700,000	—	—	700,000
粟	21.02	412,000	2,700	200	1,700	700	410,000	2,000	1,000	820,000	—	—	820,000
玉米	0.02	100,000	1,000	200	—	—	100,000	—	—	100,000	—	—	200,000
小米	0.70	13,000	30	—	—	—	13,700	—	—	13,700	—	—	27,400
大米	1.19	28,400	450	—	—	—	28,000	—	—	28,000	—	—	56,000
小麦	0.10	1,000	—	—	—	—	1,000	—	—	1,000	—	—	2,000
大麦	0.00	—	—	—	—	—	—	—	—	—	—	—	—
燕麦	2.27	44,800	170	10	50	110	44,000	1,000	1,010	20,200	—	—	40,400
水稻	7.28	85,300	370	30	100	140	84,000	1,000	1,030	20,600	—	—	41,200
特别作物	0.50	10,000	0	—	—	—	10,000	—	—	10,000	—	—	20,000
小計	8.88	88,000	800	0	0	410	86,000	—	—	172,000	—	—	172,000
大豆	0.00	—	—	—	—	—	—	—	—	—	—	—	—
花生	0.00	—	—	—	—	—	—	—	—	—	—	—	—
芝麻	0.02	1,500	—	—	—	—	1,500	—	—	1,500	—	—	3,000
棉花(棉)	0.01	—	—	—	—	—	—	—	—	—	—	—	—
棉花(草)	0.01	—	—	—	—	—	—	—	—	—	—	—	—
烟草(烟)	0.01	1,400	—	—	—	—	1,400	—	—	1,400	—	—	2,800
烟草(草)	0.01	1,570	—	—	—	—	1,570	—	—	1,570	—	—	3,140
烟草(烟)	0.10	3,000	—	—	—	—	3,000	—	—	3,000	—	—	6,000
烟草(草)	0.04	4,700	—	—	—	—	4,700	—	—	4,700	—	—	9,400
大麻(草)	0.04	4,700	—	—	—	—	4,700	—	—	4,700	—	—	9,400
大麻(草)	0.01	10,000	—	—	—	—	10,000	—	—	10,000	—	—	20,000
大麻(草)	0.01	2,000	—	—	—	—	2,000	—	—	2,000	—	—	4,000
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600
大麻(草)	0.01	2,300	—	—	—	—	2,300	—	—	2,300	—	—	4,600

#53 Manchurian Agriculture Station for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Along the An-tung--Mukden Railway

作物種類	單位	面積		收穫量		產量	
		總面積	收穫面積	總產量	收穫產量	單位產量	收穫單位產量
合計	公頃	12,100.2	811,000	200	100,000	200	100,000
主要作物	公頃	3	404,000	20	20	200,000	1,220
大豆	公頃	4	10,000	10,000	1,000	1,000	10,000
綠豆	公頃	5	2,000	2,000	200	200	2,000
紅豆	公頃	6	1,000	1,000	100	100	1,000
其他豆類	公頃	7	1,000	1,000	100	100	1,000
高粱	公頃	8	10,000	10,000	1,000	1,000	10,000
玉米	公頃	9	10,000	10,000	1,000	1,000	10,000
小麥	公頃	10	10,000	10,000	1,000	1,000	10,000
燕麥	公頃	11	10,000	10,000	1,000	1,000	10,000
水稻	公頃	12	10,000	10,000	1,000	1,000	10,000
其他雜糧	公頃	13	10,000	10,000	1,000	1,000	10,000
特殊作物	公頃	14	10,000	10,000	1,000	1,000	10,000
大麻	公頃	15	10,000	10,000	1,000	1,000	10,000
苧麻	公頃	16	10,000	10,000	1,000	1,000	10,000
其他纖維作物	公頃	17	10,000	10,000	1,000	1,000	10,000
棉花	公頃	18	10,000	10,000	1,000	1,000	10,000
煙草	公頃	19	10,000	10,000	1,000	1,000	10,000
其他經濟作物	公頃	20	10,000	10,000	1,000	1,000	10,000
其他作物	公頃	21	10,000	10,000	1,000	1,000	10,000
其他	公頃	22	10,000	10,000	1,000	1,000	10,000
其他	公頃	23	10,000	10,000	1,000	1,000	10,000
其他	公頃	24	10,000	10,000	1,000	1,000	10,000
其他	公頃	25	10,000	10,000	1,000	1,000	10,000
其他	公頃	26	10,000	10,000	1,000	1,000	10,000
其他	公頃	27	10,000	10,000	1,000	1,000	10,000
其他	公頃	28	10,000	10,000	1,000	1,000	10,000
其他	公頃	29	10,000	10,000	1,000	1,000	10,000
其他	公頃	30	10,000	10,000	1,000	1,000	10,000
其他	公頃	31	10,000	10,000	1,000	1,000	10,000
其他	公頃	32	10,000	10,000	1,000	1,000	10,000
其他	公頃	33	10,000	10,000	1,000	1,000	10,000
其他	公頃	34	10,000	10,000	1,000	1,000	10,000
其他	公頃	35	10,000	10,000	1,000	1,000	10,000
其他	公頃	36	10,000	10,000	1,000	1,000	10,000
其他	公頃	37	10,000	10,000	1,000	1,000	10,000
其他	公頃	38	10,000	10,000	1,000	1,000	10,000
其他	公頃	39	10,000	10,000	1,000	1,000	10,000
其他	公頃	40	10,000	10,000	1,000	1,000	10,000
其他	公頃	41	10,000	10,000	1,000	1,000	10,000
其他	公頃	42	10,000	10,000	1,000	1,000	10,000
其他	公頃	43	10,000	10,000	1,000	1,000	10,000
其他	公頃	44	10,000	10,000	1,000	1,000	10,000
其他	公頃	45	10,000	10,000	1,000	1,000	10,000
其他	公頃	46	10,000	10,000	1,000	1,000	10,000
其他	公頃	47	10,000	10,000	1,000	1,000	10,000
其他	公頃	48	10,000	10,000	1,000	1,000	10,000
其他	公頃	49	10,000	10,000	1,000	1,000	10,000
其他	公頃	50	10,000	10,000	1,000	1,000	10,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Areas (For 1941)
Along the Mukden--Shan-hai-kuan Railway
奉山鐵路

作物種類	面積	收穫量	總產量		總產值		總產值		備註
			公頃	公担	千圓	百圓	千圓	百圓	
合計	2,100.00	886,170	8,800	1,700	3,200	700,170	...	...	...
普通作物	1,313	728,231	8,074	1,700	2,100	718,247	1,400	1,101	828,200
大豆	12.74	101,800	1,040	1,310	320	100,250	834	850	86,200
綠豆	0.34	2,885	7	7	7	2,878	734	730	1,972
黃豆	0.30	2,300	5	5	5	2,295	740	742	1,900
其他豆	1.02	8,201	14	8	8	8,197	842	844	8,812
高粱	48.28	380,345	1,100	370	820	385,140	1,240	1,244	470,221
紅豆	7.43	50,424	203	13	250	50,177	970	969	50,150
綠豆	20.85	60,200	32	10	13	60,177	1,200	1,200	62,004
其他豆	1.70	14,241	100	100	100	14,000	500	600	6,970
小水	2.03	16,240	100	100	100	16,047	3,327	2,380	37,000
大	0.30	3,000	17	17	17	3,002	822	820	2,500
其他	2.80	7,044	100	100	100	6,846	897	717	4,900
水稻	0.82	5,000	34	34	34	4,900	800	801	4,400
其他	5.80	46,432	62	62	62	46,271	810	812	42,272
其他	0.12	922	11	11	11	922	747	750	607
特用作物	787	157,939	800	800	800	157,923	...	...	...
大麻	0.01	97	97	97	97	97	351	351	80
其他	0.01	88	88	88	88	88	510	510	81
其他	0.02	163	163	163	163	163	571	571	112
棉花	2.87	20,507	700	700	700	27,613	597	613	17,000
其他	0.06	400	400	400	400	400	800	800	200
其他	0.30	2,370	30	30	30	2,330	1,100	1,007	2,820
其他	0.02	174	174	174	174	455	455	500	500
其他	0.10	1,310	1,310	1,310	1,310	900	900	900	700
其他	0.01	16,430	80	80	80	16,354	401	404	7,110
其他	0.01	1,827	1,827	1,827	1,827	810	810	810	1,000
其他	0.04	1,801	10	10	10	1,812	430	430	500
其他	0.01	1,733	20	20	20	1,700	1,070	1,000	1,000
其他	0.10	1,200	1,200	1,200	1,200	8,640	8,640	11,000	11,000
其他	0.07	640	7	7	7	640	...	...	...
其他	0.01	10,700	100	100	100	10,700	...	...	...
其他	0.01	8,070	8,070	8,070	8,070	8,070	8,070	8,070	10,000
其他	0.01	2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600
其他	0.01	10,141	100	100	100	11,070	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rumsan

RESTRICTED

34 Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941) Along the Chin-chou-Ku-pei-k'ou Railway

作物名稱	面積	收穫量	3		4		5		6	
			面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	12,100.00	8,000,000	20,000	1,000	10,000	10,000	8,000,000			
大豆	13	8,000,000	20,000	1,000	10,000	10,000	8,000,000			
大小	14	7,500	170,000	2,000	100	2,000	1,100	100,000	700	700
其他	15	0.500	10,000	200	10	70	100	10,100	0.000	0.000
高粱	16	1.200	27,700	300	0	0	100	27,800	0.100	0.000
綠豆	17	1.200	20,000	300	20	100	200	20,000	0.000	0.100
紅豆	18	27.100	615,000	4,700	100	1,700	2,700	600,000	0.700	0.000
綠豆	19	27.000	652,200	4,700	100	2,000	2,800	645,000	0.100	0.000
其他	20	2.100	40,000	100	30	0	70	40,000	1.200	1.100
其他	21	1.000	30,000	1,000	0	0	0	30,000	0.000	0.100
其他	22	0.200	6,000	300	0	100	100	6,000	1.200	1,000
其他	23	0.000	0	0	0	0	0	0	0.000	0.000
其他	24	0.100	3,000	20	0	0	0	3,000	0.000	0.000
其他	25	3.100	71,000	0.000	0	0	0	71,000	0.000	0.000
其他	26	5.300	121,000	1,000	41	200	700	120,000	700	0.100
其他	27	0.400	11,000	400	0	0	0	11,000	0.000	0.000
其他	28	5.500	110,000	2,500	150	0	1,000	110,000	0.100	0.100
特殊作物	29	0.700	04,000	3,000	0.000	0.000	3,000	04,000		
大麻	30	0.400	0,000	0.000	100	200	0.000	0.000	0.000	0.000
大麻子	31	0.300	7,000	100	20	0	0	7,000	0.000	0.000
苧麻	32	0.000	1,000	0	0	0	0	1,000	0.000	0.000
苧麻子	33	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	34	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	35	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	36	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	37	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	38	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	39	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	40	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	41	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	42	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	43	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	44	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
棉花	45	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
其他	46	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
其他	47	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
其他	48	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
其他	49	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000
其他	50	0.000	0,000	0.000	0	0	0	0,000	0.000	0.000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Knulling 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Scaame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Munsan

RESTRICTED

STAT

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
 Along the Ta-hu-shan--Cheng-chia-t'un and Hsin-li-t'un--I-haien 大連及瀋陽鐵路 Railways

Crop	Area (ha)	Yield (MT)		Area (ha)	Yield (MT)		Area (ha)	Yield (MT)	
		Area	Yield		Area	Yield		Area	Yield
總計	12,100	1,000,000	30,000	400	60,100	6,000	1,000,000	...	...
大豆	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
綠豆	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
紅豆	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
綠豆	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
其他豆類	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
玉米	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
小麥	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
水稻	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
高粱	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
燕麥	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
粟	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
蕎麥	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810
其他作物	1,000	80,000	20,000	50	6,000	4,000	1,000,000	700	810

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

36. Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Along the Ssu-p'ing-Taitaihar Railway

作物	單位	總計		蘇省		魯省		津省		滬省		京省		平省	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	100.00	1,895,828	38,430	1,444	60,487	6,140	1,968,200	110	110	110	110	110	110	110	110
大豆	3	82.87	1,888,228	88,821	1,444	60,487	1,968,200	110	110	110	110	110	110	110	110
小豆	4	10.82	141,487	18,887	658	14,733	278	128,889	636	718	88,888	110	110	110	110
綠豆	5	1.12	14,814	200	308	1	14,506	618	678	88,888	110	110	110	110	110
紅豆	6	1.48	18,288	483	483	1	18,028	578	587	11,888	110	110	110	110	110
其他豆類	7	0.80	11,733	100	142	18	11,591	628	628	88,888	110	110	110	110	110
高粱	8	18.84	244,059	11,388	782	8,818	1,888	238,888	821	888	198,888	110	110	110	110
綠豆	9	21.44	277,818	15,207	15,041	2,108	268,888	718	718	187,888	110	110	110	110	110
紅豆	10	12.88	248,038	8,888	8,888	878	238,260	884	884	188,888	110	110	110	110	110
其他豆類	11	1.88	18,288	1,748	1,851	87	17,437	881	881	11,888	110	110	110	110	110
小豆	12	0.24	3,151	1,187	1,127	1	2,024	878	1,288	8,888	110	110	110	110	110
綠豆	13	0.04	470	4	4	1	466	828	848	488	110	110	110	110	110
紅豆	14	0.03	332	14	18	1	318	788	791	388	110	110	110	110	110
其他豆類	15	0.08	737	130	130	1	607	822	731	488	110	110	110	110	110
水稻	16	8.71	125,840	8,888	5,872	832	118,968	844	888	88,888	110	110	110	110	110
小麥	17	0.48	6,241	181	6	172	6,069	788	818	4,888	110	110	110	110	110
燕麥	18	7.11	92,088	7,888	7,311	841	84,777	688	618	47,888	110	110	110	110	110
其他作物	19	3.78	48,888	2,888	2,888	78	45,788	110	110	110	110	110	110	110	110
大麻	20	0.20	2,530	138	138	1	2,392	828	828	488	110	110	110	110	110
苧麻	21	0.88	8,845	251	248	2	8,597	828	828	488	110	110	110	110	110
苧麻子	22	0.11	1,402	77	77	1	1,325	488	478	888	110	110	110	110	110
棉花	23	0.01	188	1	1	1	186	278	278	888	110	110	110	110	110
花生	24	0.08	88	88	88	1	87	888	888	888	110	110	110	110	110
芝麻	25	0.05	4	4	4	1	3	888	888	888	110	110	110	110	110
煙草	26	0.07	832	31	30	1	801	412	412	888	110	110	110	110	110
大麻	27	0.11	1,388	81	81	1	1,307	888	888	888	110	110	110	110	110
大麻子	28	0.28	2,325	434	434	1	2,891	788	888	1,888	110	110	110	110	110
亞麻	29	1.04	18,488	848	872	78	17,616	488	488	888	110	110	110	110	110
亞麻子	30	0.88	7,881	882	382	1	7,500	878	828	2,888	110	110	110	110	110
花生	31	0.08	18	18	18	1	17	888	888	888	110	110	110	110	110
芝麻	32	0.03	0	0	0	1	0	888	888	888	110	110	110	110	110
糖甜菜	33	0.72	8,338	888	888	1	7,450	888	888	888	110	110	110	110	110
西瓜	34	0.01	112	112	112	1	111	888	888	888	110	110	110	110	110
其他作物	35	0.88	48,888	2,118	1,888	78	46,988	110	110	110	110	110	110	110	110
其他	36	1.88	18,488	888	788	88	17,700	888	888	888	110	110	110	110	110
其他	37	0.88	88,888	1,888	1,888	88	86,988	110	110	110	110	110	110	110	110
合計	50	100.00	1,895,828	38,430	1,444	60,487	1,968,200	110	110	110	110	110	110	110	110

#33 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops
and by Areas (For 1941)
Along the Ch'ang-ch'un, Pait'ung-tzu

Crop	Acreage (hectares)		Yield (MT)		Percentage (%)	
	Total	Harvested	Total	Harvested	Total	Harvested
Small Crops	12,400.00	100,000	10,000	100,000	100.00	100.00
大豆 (Soybeans)	8,700	88,440	1,240	70	920	250
其他豆类 (Other beans)	3,700	11,560	8,760	130	170	100
高粱 (Kaoliang)	1,800	12,740	301	29	172	—
意大利小米 (Italian millet)	1,900	12,840	333	13	320	—
玉米 (Maize)	0.70	5,040	154	—	150	—
水稻 (Rice)	21.32	151,127	4,073	100	2,700	1,100
其他 (Others)	24.50	173,070	3,604	115	2,900	900
小麦 (Wheat)	20.88	140,571	2,310	95	2,920	101
小米 (Millet)	1.08	11,211	220	—	200	—
其他 (Others)	0.10	707	—	—	707	—
其他 (Others)	0.08	687	—	—	687	—
其他 (Others)	0.04	307	10	—	10	—
其他 (Others)	0.00	0	—	—	—	—
其他 (Others)	7.80	55,713	1,165	22	920	200
其他 (Others)	0.80	3,804	430	10	321	100
其他 (Others)	2.71	18,234	1,153	—	920	230
Special Crops	1.00	15,470	207	—	200	—
大麻 (Ramie)	0.21	1,490	100	—	100	—
其他 (Others)	0.79	5,313	31	—	31	—
其他 (Others)	0.17	1,180	—	—	—	—
其他 (Others)	0.10	883	10	—	—	—
其他 (Others)	0.17	1,220	—	—	—	—
其他 (Others)	0.00	130	14	—	14	—
其他 (Others)	0.14	1,013	40	—	40	—
其他 (Others)	0.17	1,170	33	—	33	—
其他 (Others)	—	—	—	—	—	—
其他 (Others)	—	—	—	—	—	—
其他 (Others)	0.10	1,037	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh Vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
 Along the Mukden-Kirin and Ssu-p'ing-Mei-ho-k'ou Railways

奉天省農產統計表

作物名稱	單位	面積				產量							
		總計	受災	無收	收穫	總計	受災	無收	收穫				
全	計	100.00	161,624	16,000	145,624	5,000	7,000	777,300					
主要作物	計	92.41	122,800	6,100	116,700	3,500	5,000	710,000	1,500	1,200	688,000		
大豆	畝	14.21	172,074	2,147	169,927	1,100	1,000	100,000	1,000	1,110	100,000		
綠豆	畝	1.10	1,301		1,301	330	400	31,000	300	350	27,000		
紅豆	畝	0.17	1,301		1,301			1,301	700	700	1,000		
其他豆	畝	0.41	3,237		3,237			3,237	300	300	2,000		
青豆	畝	0.77	102,400	1,810	100,590	70	670	1,071	1,400	1,470	100,000		
其他豆	畝	15.51	21,100	900	20,200	300	600	6,200	1,070	1,000	67,000		
玉米	畝	20.40	100,304	1,310	99,000	400	1,300	100,000	1,510	1,500	100,000		
小米	畝	0.01	4,704	0	4,704	0	0	4,000	700	700	3,000		
高粱	畝	5.00	61,000	1,000	60,000	110	900	40,000	2,000	2,000	60,000		
稻	畝	0.70	6,100	230	5,870	101	134	5,000	1,100	1,200	7,000		
大麥	畝	0.57	2,014	90	1,924	13	30	2,000	0	0	2,000		
小麥	畝	0.02	120		120			100	0	0	0		
燕麥	畝	1.10	8,007	0	8,007	10	11	8,000	1,011	1,010	8,000		
粟	畝	1.50	12,000	230	11,770	200	31	11,000	1,170	1,100	14,170		
蕎麥	畝	0.84	4,200	10	4,190	0	10	4,170	710	710	3,000		
特殊作物	計	7.59	81,600	1,000	80,600	0	1,000	20,000					
大麻	畝	0.01	7,000	1,000	6,000	0	1,000	0	0	0	0		
苧麻	畝	0.01	800		800			800	0	0	0		
棉花	畝	0.41	3,200	0	3,200	0	0	3,200	0	0	0		
洋棉	畝	0.01	1,000		1,000			1,000	1,100	1,200	0		
土棉	畝	0.40	2,200		2,200			2,200	0	0	0		
洋麻	畝	0.01	4,000		4,000			4,000	0	0	0		
土麻	畝	0.01	400		400			400	0	0	0		
大麻	畝	0.01	800		800			800	1,200	1,000	0		
亞麻	畝	0.01	700		700			700	0	0	0		
苧麻	畝	0.01	101		101			101	0	0	0		
大麻	畝	0.01	700		700			700	0	0	0		
其他	畝	0.01	100		100			100	0	0	0		
其他	畝	0.01	100		100			100	0	0	0		
其他	畝	0.01	100		100			100	0	0	0		
其他	畝	0.01	100		100			100	0	0	0		

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

STAT

Acreage Under Crops and Amount of Yield by Crops

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seed
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

and by Areas (For 1941)
Along the Mei-ho-k'ou--Chi-an Railway

梅縣地方

作物	面積	3區			4區			5區			總計
		面積	產量	單位	面積	產量	單位	面積	產量	單位	
合計	2184.99	978.388	2,422	1,192	2,382	974.209					
大豆	13	82.88	2,800	894	1,700	88,800	1,822	1,807	888,800		
綠豆	13	21.14	58,900	847	222	424	58,281	1,804	1,972	82,800	
紅豆	13	2.96	8,216	84	28	86	5,282	871	848	7,944	
其他豆	13	0.26	978	—	—	—	—	—	—	428	
高粱	13	0.86	1,824	11	6	3	1,827	828	828	1,417	
綠豆	13	12.01	33,488	388	142	222	33,004	1,400	1,418	48,997	
紅豆	13	0.08	28,213	118	88	88	28,044	1,008	1,013	28,378	
其他豆	13	31.09	88,444	888	428	104	88,848	1,821	1,808	148,148	
小水	13	2.44	8,744	108	6	108	8,876	887	887	4,884	
大	13	7.88	21,978	748	14	784	21,228	2,878	2,164	48,888	
小	13	0.07	188	—	—	—	1,118	1,118	—	718	
大	13	1.87	5,488	17	3	14	5,482	788	788	4,824	
小	13	0.08	187	—	—	—	187	488	—	88	
大	13	0.88	2,487	3	2	1	2,484	881	988	2,318	
小	13	0.40	1,118	—	—	—	1,118	848	848	1,884	
大	13	1.42	4,038	4	3	1	4,031	888	857	2,884	
小	13	0.78	2,818	—	—	—	2,818	—	—	—	
大	13	1.82	4,228	881	147	888	3,547	288	288	1,811	
小	13	0.08	188	—	—	—	188	488	488	87	
大	13	0.14	388	1	1	—	387	888	887	881	
小	13	0.02	88	—	—	—	88	888	888	18	
大	13	0.03	88	—	—	—	88	888	888	88	
小	13	0.28	1,088	22	1	18	1,084	888	818	884	
大	13	0.08	724	2	1	1	724	888	888	888	
小	13	0.11	281	—	—	—	281	888	888	878	
大	13	0.08	88	—	—	—	88	888	888	88	
小	13	0.08	218	—	—	—	218	887	887	88	
大	13	0.11	381	—	—	—	381	1,188	1,188	381	
小	13	0.08	88	—	—	—	88	—	—	—	
大	13	0.08	88	—	—	—	88	—	—	—	
小	13	0.08	88	—	—	—	88	—	—	—	
大	13	0.08	88	—	—	—	88	—	—	—	
小	13	0.08	88	—	—	—	88	—	—	—	
大	13	0.08	88	—	—	—	88	—	—	—	
小	13	0.08	88	—	—	—	88	—	—	—	
大	13	0.08	88	—	—	—	88	—	—	—	
小	13	0.08	88	—	—	—	88	—	—	—	

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)

Along the Ch'ang-ch'un--Tzu-men Railway

- 36

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物種類	面積		收穫量		產量		備註	
	公頃	畝	公噸	畝	公噸	畝		
合計	12,000.00	150,000.00	1,000.00	1,000.00	1,000.00	1,000.00		
主要作物	10,000.00	125,000.00	800.00	800.00	800.00	800.00		
大豆	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
綠豆	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
紅豆	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
高粱	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
燕麥	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
小麥	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
水稻	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
其他	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
特殊作物	2,000.00	25,000.00	200.00	200.00	200.00	200.00		
棉花	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
烟草	1,000.00	12,500.00	100.00	100.00	100.00	100.00		
其他	1,000.00	12,500.00	100.00	100.00	100.00	100.00		

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Along the Ch'ang-ch'un--Harbin Railway
京奉鐵道

作物名稱	1		2		3		4		5		6		7		8		9		10	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	12,100.00	2,004,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
大豆	3,810	1,033,870	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401	2,401
綠豆	1,000	217,000	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
黃豆	1,800	10,833	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
其他豆類	1,200	4,837	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
高粱	1,800	107,110	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
粟	2,000	216,412	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
玉米	2,000	82,140	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
小麥	1,100	77,950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
燕麥	1,000	4,042	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
水稻	2,300	10,000	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
大麥	2,400	1,044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	2,600	42,000	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
其他	2,700	34,040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	2,800	2,000	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
其他	2,900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,000	26,970	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
其他	3,100	3,011	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
其他	3,200	7,034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,300	651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,500	1,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,600	841	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,700	2,522	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,800	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	3,900	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,000	4,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,100	4,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,200	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
其他	4,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	4,900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops
and by Areas (For 1941)
Along the La-fa--Harbin Railway
拉哈鐵路

作物名稱	總計		拉哈		通遼		安東		錦州		承德	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	100.00	200,100	1,000	...	...	...	...	...	...	...	...	...
大豆	30.00	70,000	...	...	...	...	...	...	...	...	...	...
綠豆	1.00	4,017	...	...	...	...	...	...	...	...	...	...
黃豆	0.20	530	...	...	...	...	...	...	...	...	...	...
其他豆類	0.40	903	...	...	...	...	...	...	...	...	...	...
高粱	15.70	40,329	...	...	...	...	...	...	...	...	...	...
玉米	13.00	34,700	...	...	...	...	...	...	...	...	...	...
小麥	11.00	2,804	...	...	...	...	...	...	...	...	...	...
燕麥	4.00	12,544	...	...	...	...	...	...	...	...	...	...
水稻	0.00	1,541	...	...	...	...	...	...	...	...	...	...
粟	0.50	1,301	...	...	...	...	...	...	...	...	...	...
糜子	0.30	891	...	...	...	...	...	...	...	...	...	...
黍	2.10	5,411	...	...	...	...	...	...	...	...	...	...
其他	0.00	23,100	...	...	...	...	...	...	...	...	...	...
雜糧	0.00	830	...	...	...	...	...	...	...	...	...	...
特種作物	1.00	7,001	...	...	...	...	...	...	...	...	...	...
大麻	0.00	1,500	...	...	...	...	...	...	...	...	...	...
苧麻	0.00	1,210	...	...	...	...	...	...	...	...	...	...
苧麻(種子)	0.00	543	...	...	...	...	...	...	...	...	...	...
棉花	0.00	...	...	...	...	...	...	...	...	...	...	...
棉花(本地)	0.00	...	...	...	...	...	...	...	...	...	...	...
棉花(外國)	0.00	...	...	...	...	...	...	...	...	...	...	...
煙草	0.10	2,031	...	...	...	...	...	...	...	...	...	...
煙草(本地)	0.00	...	...	...	...	...	...	...	...	...	...	...
煙草(外國)	0.10	2,031	...	...	...	...	...	...	...	...	...	...
亞麻	0.00	...	...	...	...	...	...	...	...	...	...	...
亞麻(種子)	0.00	...	...	...	...	...	...	...	...	...	...	...
大麻(種子)	0.00	...	...	...	...	...	...	...	...	...	...	...
其他	0.00	...	...	...	...	...	...	...	...	...	...	...
其他作物	0.00	6,000	...	...	...	...	...	...	...	...	...	...
其他	0.00	...	...	...	...	...	...	...	...	...	...	...
其他	0.00	4,110	...	...	...	...	...	...	...	...	...	...
其他	0.00	...	...	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)

Harbin Area
哈爾濱地方

作物名稱	單位	面積		收穫量		產量		備註
		總計	受災	總計	受災	總計	受災	
合計		2,100.00	68,000	1,000	1,000	870	66,700	
主要作物		1,700.00	97,470	1,700	1,000	810	85,740	
大豆	畝	24.50	10,440	270	164	121	10,171	
綠豆	畝	1.01	491				491	
黃豆	畝	0.30	140				140	
黑豆	畝	0.31	132				132	
紅豆	畝	18.00	8,220	311	100	120	7,900	
綠豆	畝	18.00	8,101	840	400	100	7,261	
黃豆	畝	11.85	5,050	840	410	101	4,240	
黑豆	畝	5.00	2,130				2,130	
其他豆	畝	12.10	497	97	37		400	
高粱	畝	1.00	511				511	
小麥	畝	0.10	80				80	
大麥	畝	0.40	200	10	10		190	
燕麥	畝	2.50	1,000				1,000	
粟	畝	1.00	420				420	
其他	畝	0.10	81				81	
特別作物		1.00	491	24	24		467	
大麻	畝	0.07	30				30	
苧麻	畝	0.10	40				40	
苧麻子	畝	0.01	4				4	
芝麻	畝	0.01	4				4	
棉花	畝	0.00	30				30	
煙草	畝	0.01	4				4	
亞麻	畝	0.00	10				10	
大麻	畝	0.00	10				10	
其他	畝	1.20	540	20	20		520	
瓜	畝	0.00	0				0	
其他	畝	0.00	0				0	
其他作物		1.00	491	24	24		467	
其他	畝	1.00	491				491	
其他	畝	0.00	0				0	
其他	畝	0.00	0				0	
其他	畝	0.10	41				41	

STAT.

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

44 Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Along the Harbin--Sui-feng-ho Railway

作物名称	1	2		3		4		5		6		7		8		9		10	
		面积	产量	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量
总计	12,100.00	102,271	1,000	1,200	1,000	1,200	1,000	1,200	1,000	1,200	1,000	1,200	1,000	1,200	1,000	1,200	1,000	1,200	1,000
大豆	2,110	14,700	1,400	300	410	600	73,200	600	800	72,200	600	800	72,200	600	800	72,200	600	800	72,200
小豆	1.90	5,100	45			45	5,200	100	100	5,100	100	100	5,100	100	100	5,100	100	100	5,100
其他豆	0.40	1,000	1			1	1,000	100	100	1,000	100	100	1,000	100	100	1,000	100	100	1,000
高粱	0.80	1,000	1,000	2		2	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
粟	11.00	40,000	800	210	135	840	40,000	1,110	1,135	40,000	1,110	1,135	40,000	1,110	1,135	40,000	1,110	1,135	40,000
玉米	14.00	40,000	400	70	144	211	40,000	1,070	1,070	40,000	1,070	1,070	40,000	1,070	1,070	40,000	1,070	1,070	40,000
小麦	25.70	90,000	1,300	400	360	910	90,000	1,240	1,267	90,000	1,240	1,267	90,000	1,240	1,267	90,000	1,240	1,267	90,000
水稻	5.10	18,210	82	27		27	18,100	700	700	18,100	700	700	18,100	700	700	18,100	700	700	18,100
其他谷物	0.02	21,700	1,540	10	201	1,200	18,700	2,000	2,100	18,700	2,000	2,100	18,700	2,000	2,100	18,700	2,000	2,100	18,700
大麦	0.10	600				600	600	1,100	1,100	600	1,100	1,100	600	1,100	1,100	600	1,100	1,100	600
燕麦	0.72	2,530	24			24	2,510	800	801	2,510	800	801	2,510	800	801	2,510	800	801	2,510
其他	0.38	1,300				1,300	1,300	740	740	1,300	740	740	1,300	740	740	1,300	740	740	1,300
水稻	1.02	3,401	8	1	10	10	3,390	870	866	3,390	870	866	3,390	870	866	3,390	870	866	3,390
其他	2.41	8,500	5			5	8,500	900	900	8,500	900	900	8,500	900	900	8,500	900	900	8,500
其他	0.22	784				784	784	650	650	784	650	650	784	650	650	784	650	650	784
特殊作物	4.40	18,000	200	100	80	80	18,000			18,000			18,000			18,000			18,000
大麻	0.50	2,070	100	50	3	48	1,940	300	300	1,940	300	300	1,940	300	300	1,940	300	300	1,940
苧麻	0.07	261	3			3	240	800	700	240	800	700	240	800	700	240	800	700	240
苧麻子	0.08	100				100	100	500	500	100	500	500	100	500	500	100	500	500	100
棉花	0.00																		
棉花子	0.00																		
烟草	0.00																		
烟草子	0.00																		
大麻	0.00																		
大麻子	0.00																		
其他	0.01	80				80	80	400	400	80	400	400	80	400	400	80	400	400	80
其他	1.00	8,000				8,000	8,000	7,000	7,000	8,000	7,000	7,000	8,000	7,000	7,000	8,000	7,000	7,000	8,000
其他	0.01	80				80	80	400	400	80	400	400	80	400	400	80	400	400	80
其他	0.00																		
其他	0.00																		
其他	0.00																		
其他	0.00																		

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Lower reaches of the Sungari River

作物	計	3 種: 水 澆 田		4 種: 水 澆 田		5 種: 水 澆 田		6 種: 水 澆 田		7 種: 水 澆 田		8 種: 水 澆 田		9 種: 水 澆 田		10 種: 水 澆 田	
		面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
全 計	2,100.00	829.131	32,300	18,000	14,200	466,000											
管 小 計	73	806.804	31,350	17,970	13,800	418,700	322	3,547	408,219								
大豆	24.44	150,554	10,112	8,130	3,882	140,443	264	1,023	143,045								
綠豆	1.15	6,083	388	87	272	5,714	725	772	4,400								
黃豆	0.18	431	42	12	30	709	817	650	513								
黑豆	0.13	704	28	8	20	878	872	808	473								
其他豆	15.54	87,222	3,410	2,068	1,250	74,800	888	1,010	78,814								
高粱	16.84	89,730	4,822	3,120	1,802	84,814	978	1,044	86,558								
玉米	10.17	77,807	6,885	3,837	2,848	71,122	1,138	1,240	86,582								
水稻	11.25	68,182	3,297	1,803	1,534	62,765	718	757	47,812								
小麦	2.82	13,855	1,688	870	1,018	12,154	2,054	2,244	28,518								
其他谷物	0.30	1,569	78	38	40	1,480	1,018	1,070	1,504								
大麦	0.24	1,285	15	10	5	1,280	837	840	1,212								
燕麦	0.18	833	25	25	—	808	730	732	808								
其他	0.92	4,338	137	44	93	4,291	788	784	3,338								
粟	1.54	8,184	137	30	107	8,027	965	850	8,231								
其他	3.17	914	311	83	210	603	481	688	421								
特 小 計	73	4,921	882	88	488	3,488	...	...	...					
大麻	30	2,092	435	40	388	1,857	378	477	781								
苧麻	15	814	2	2	—	812	732	784	508								
其他	28	1,255	10	10	110	540	608	70									
其他	33	—	—	—	—	—	—	—	—								
其他	34	—	—	—	—	—	—	—	—								
其他	35	—	—	—	—	—	—	—	—								
其他	36	—	—	—	—	—	—	—	—								
其他	37	—	—	—	—	—	—	—	—								
其他	38	—	—	—	—	—	—	—	—								
其他	39	—	—	—	—	—	—	—	—								
其他	40	—	—	—	—	—	—	—	—								
其他	41	—	—	—	—	—	—	—	—								
其他	42	—	—	—	—	—	—	—	—								
其他	43	—	—	—	—	—	—	—	—								
其他	44	—	—	—	—	—	—	—	—								
其他	45	—	—	—	—	—	—	—	—								
其他	46	—	—	—	—	—	—	—	—								
其他	47	—	—	—	—	—	—	—	—								
其他	48	—	—	—	—	—	—	—	—								
其他	49	—	—	—	—	—	—	—	—								
其他	50	—	—	—	—	—	—	—	—								

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

46 Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941) Along the Harbin--Pei-an and Pei-an--Hei-ho Railways

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物種類	面積 (公頃)	收穫量 (公担)	平均收穫量 (公担/公頃)		收穫率 (%)	備註
			總收穫量	面積		
合計	12,100.00	1,200,000	100.00	100.00	100.00	
大豆	3,100.00	31,000	10.00	10.00	100.00	
綠豆	1,000.00	10,000	10.00	10.00	100.00	
黃豆	1,000.00	10,000	10.00	10.00	100.00	
高粱	1,000.00	10,000	10.00	10.00	100.00	
小麥	1,000.00	10,000	10.00	10.00	100.00	
燕麥	1,000.00	10,000	10.00	10.00	100.00	
粟	1,000.00	10,000	10.00	10.00	100.00	
水稻	1,000.00	10,000	10.00	10.00	100.00	
其他	1,000.00	10,000	10.00	10.00	100.00	

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seed
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)

Along the Sui-hua--Chia-mu-ssu Railway

綏化鎮地方

作物別	計	1		2		3		4		5		6		7
		面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	
合計	100.00	181,201	18,842	18,200	1,622	187,600								
普通作物	100.00	181,196	18,838	18,200	1,622	187,591								
大豆	4	25.40	38,428	3,724	3,581	145	34,700	788	885					30,784
小豆	15	1.70	2,520	127	127		2,393	788	826					1,862
綠豆	6	0.10	110	3	3		107	800	817					94
其他豆類	7	0.25	838	38	38		500	840	840					343
高粱	18	18.30	14,238	1,583	1,541	52	12,748	1,056	1,157					15,132
玉米	19	18.30	24,707	2,000	2,032	68	22,675	839	917					20,758
粟	20	13.49	23,257	2,542	2,408	149	20,849	1,195	1,348					27,820
燕麥	21	13.50	10,477	342	320	22	10,157	807	817					12,420
小麥	22	5.30	8,010	1,891	1,251	640	6,759	1,481	1,822					11,765
水稻	23	0.10	82	35	35		57	707	1,400					85
意大利米	24	0.80	1,221	45	45		1,176	710	743					874
燕麥	25	0.80	1,514	88	88		1,426	882	702					874
燕麥	26	2.30	3,418	155	155		3,263	785	832					2,717
燕麥	27	0.10	3,548	188	188		3,360	858	897					3,048
燕麥	28	0.10	188	20	20		178	387	425					76
特殊作物	19	2.28	8,297	88	88		8,209							
大麻	1	0.30	388				388	244	244					88
大麻	2	0.30	445				445	812	820					274
大麻	3	0.00	48				48	587	663					88
棉花	4	0.00												
棉花	5	0.10	25				25	188	182					18
棉花	6	0.10	77				77	298	296					25
烟草	7	1.40	2,151	25	25		2,126	1,048	1,037					2,848
苧麻	8	0.00												
苧麻	9	0.00												
苧麻	10	0.00												
苧麻	11	0.00												
苧麻	12	0.00												
苧麻	13	0.00												
苧麻	14	0.00												
苧麻	15	0.00												
苧麻	16	0.00												
苧麻	17	0.00												
苧麻	18	0.00												
苧麻	19	0.00												
苧麻	20	0.00												
其他	21	0.00												
其他	22	0.00												
其他	23	0.00												
其他	24	0.00												
其他	25	0.00												
其他	26	0.00												
其他	27	0.00												
其他	28	0.00												
其他	29	0.00												
其他	30	0.00												
其他	31	0.00												
其他	32	0.00												
其他	33	0.00												
其他	34	0.00												
其他	35	0.00												
其他	36	0.00												
其他	37	0.00												
其他	38	0.00												
其他	39	0.00												
其他	40	0.00												
其他	41	0.00												
其他	42	0.00												
其他	43	0.00												
其他	44	0.00												
其他	45	0.00												
其他	46	0.00												
其他	47	0.00												
其他	48	0.00												
其他	49	0.00												
其他	50	0.00												

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Along the Harbin--Man-chu-li Rail

滿洲鐵道地方

作物名稱	計	1		2		3		4		5		6		7		8		9		10	
		面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
全	計	12,100,000	1,044,100	20,000	800	20,000	8,000	6,000,000	31	...	...	...	...	...	...	...	...	...	...	...	...
普通作物	計	12,100,000	1,044,100	20,000	800	20,000	8,000	6,000,000	31	...	...	...	...	...	...	...	...	...	...	...	...
大豆	計	10,800	173,970	4,700	4,301	400	174,174	504	820	101,700	...	...	...	...	...	...	...	...	...	...	...
綠豆	計	1,511	21,855	300	290	50	21,267	760	700	16,200	...	...	...	...	...	...	...	...	...	...	...
紅豆	計	1,455	22,950	550	345	214	22,200	714	731	17,110	...	...	...	...	...	...	...	...	...	...	...
其他豆類	計	0,900	18,101	100	100	10	18,020	774	781	18,000	...	...	...	...	...	...	...	...	...	...	...
高粱	計	15,740	258,200	8,750	227	4,400	1,040	252,000	1,070	1,007	270,000	...	...	...	...	...	...	...	...	...	...
粟	計	24,000	400,000	11,000	70	8,000	5,000	300,000	1,020	1,000	400,710	...	...	...	...	...	...	...	...	...	...
玉米	計	10,740	275,650	5,821	120	5,000	92	270,000	1,000	1,000	207,000	...	...	...	...	...	...	...	...	...	...
小麥	計	7,900	131,700	1,744	1,001	1,001	240	120,000	900	810	110,000	...	...	...	...	...	...	...	...	...	...
水稻	計	3,350	5,700	1,001	1,001	90	3,000	840	1,007	4,200	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	0,050	852	10	7	3	840	1,110	1,120	900	...	...	...	...	...	...	...	...	...	...	...
水稻	計	0,550	9,620	317	74	40	8,500	970	800	9,240	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	3,800	60,000	714	815	90	22,000	851	800	54,160	...	...	...	...	...	...	...	...	...	...	...
高粱	計	4,000	66,400	2,070	70	2,107	140	62,000	870	810	60,100	...	...	...	...	...	...	...	...	...	...
粟	計	0,000	10,100	532	470	50	10,000	700	821	12,800	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	2,300	30,400	815	570	340	20,500	600	601	20,540	...	...	...	...	...	...	...	...	...	...	...
特殊作物	計	19	60,000	600	400	300	67,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...
大麻	計	0,240	3,000	100	110	60	3,700	340	300	1,200	...	...	...	...	...	...	...	...	...	...	...
苧麻	計	1,811	20,700	200	120	80	20,000	820	601	16,000	...	...	...	...	...	...	...	...	...	...	...
苧麻(種子)	計	0,000	12,240	320	100	220	12,017	620	640	8,000	...	...	...	...	...	...	...	...	...	...	...
棉花(美國種)	計	0,100	2,021	12	0	7	2,000	304	300	1,100	...	...	...	...	...	...	...	...	...	...	...
棉花(本地種)	計	0,000	707	20	87	1	700	347	300	870	...	...	...	...	...	...	...	...	...	...	...
烟草(美國種)	計	0,100	1,001	27	10	0	2,000	1,007	1,010	2,000	...	...	...	...	...	...	...	...	...	...	...
烟草(本地種)	計	0,000	1,400	4	1	2	1,400	671	670	670	...	...	...	...	...	...	...	...	...	...	...
亞麻(大葉)	計	0,000	2,200	0	0	0	2,100	600	610	1,000	...	...	...	...	...	...	...	...	...	...	...
亞麻(小葉)	計	0,000	11	0	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	0,000	0	0	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	0,000	0	0	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	0,000	0	0	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	0,000	0	0	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	計	0,000	0	0	0	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941)
Along the Tsitsihar--Pei-an Railway
東北鐵道地方

作物名	面積 (ha)	收穫量 (kg)	面積 (ha)		收穫量 (kg)		備註
			1	2	3	4	
合計	100.00	810,700	8,811	6,830	2,527	810,700	
大豆	33.00	720,781	8,781	5,900	2,281	720,781	
綠豆	18.81	182,422	500	500		181,922	1,012
紅豆	0.78	6,427				6,427	810
黑豆	0.54	4,444				4,444	825
黃豆	0.83	7,823				7,823	825
綠豆	0.82	56,714	828	828		56,086	1,185
紅豆	17.85	140,373	7,070	4,238	2,831	136,303	1,073
黑豆	10.30	84,951	72	72		84,879	1,306
黃豆	22.81	187,848	314	314		187,534	854
綠豆	0.20	1,823				1,823	2,818
紅豆							
黑豆	3.00	25,097	48	48		25,049	887
黃豆	1.13	9,272	83	83		9,189	826
綠豆	1.88	13,641	26	26		13,615	855
紅豆	1.40	11,477	23	23		11,454	888
黃豆	1.33	10,857				10,857	753
其他豆類							
小計	2.9	44,488	788	788		48,700	
大麻	0.27	2,241	32	32		2,209	350
苧麻	1.18	8,152	254	254		8,088	857
苧麻子	2.87	23,508	384	384		23,124	850
其他纖維作物							
小計	4.32	33,901	670	670		33,011	1,057
煙草	0.08	820				820	400
煙草(外國)	0.04	333				333	441
煙草(本地)	0.04	487				487	441
亞麻	1.04	8,497	80	80		8,417	1,098
亞麻(外國)	0.01	76				76	373
亞麻(本地)	0.01	76				76	403
其他纖維作物							
小計	4.6	48,408	784	784		48,408	1,871
其他作物							
小計	4.6	48,408	784	784		48,408	1,871
其他							
小計	4.6	48,408	784	784		48,408	1,871

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sewa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED
Acreage Under Crops and Amount of Yield by Crops
50 and by Areas (For 1941)
Along the Ning-nien--Ho-lung-men Rail
奉天線地方

作物	1		2		3		4		5		6		7		8		9	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	12,104.00	521,824	21,320	16,520	400,000	...	...	...	...	...	...	...	...	...	...	...	...	...
大豆	28.45	130,010	3,483	3,483	124,553	1,041	1,000	145,000	...	...	...	...	...	...	...	...	...	...
綠豆	0.83	3,283	296	296	2,400	823	823	1,897	...	...	...	...	...	...	...	...	...	...
紅豆	0.47	2,432	3	3	2,707	783	783	7,064	...	...	...	...	...	...	...	...	...	...
黃豆	1.80	9,310	20	20	20,122	1,019	1,000	31,162	...	...	...	...	...	...	...	...	...	...
黑豆	5.85	30,335	1,413	1,413	77,207	744	801	66,481	...	...	...	...	...	...	...	...	...	...
綠豆	17.12	89,340	12,142	12,142	56,170	1,207	1,200	73,070	...	...	...	...	...	...	...	...	...	...
紅豆	10.80	56,700	1,523	1,523	90,753	901	900	82,300	...	...	...	...	...	...	...	...	...	...
黃豆	17.52	91,300	640	640	1,200	1,204	1,204	1,504	...	...	...	...	...	...	...	...	...	...
黑豆	0.24	1,232	...	...	10	10	10	10	...	...	...	...	...	...	...	...	...	...
綠豆	0.00	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
黃豆	1.45	7,544	511	511	7,900	805	823	6,320	...	...	...	...	...	...	...	...	...	...
黑豆	3.10	16,150	522	522	15,800	720	744	11,507	...	...	...	...	...	...	...	...	...	...
綠豆	4.70	24,682	2,301	2,301	22,801	523	642	14,300	...	...	...	...	...	...	...	...	...	...
黃豆	0.43	2,220	5	5	2,210	80	81	1,203	...	...	...	...	...	...	...	...	...	...
黑豆	2.20	11,700	285	285	11,470	710	707	8,460	...	...	...	...	...	...	...	...	...	...
合計	2.80	11,900	780	780	59,170	...	...	...	...	...	...	...	...	...	...	...	...	...
大豆	0.20	1,400	457	457	1,040	104	107	231	...	...	...	...	...	...	...	...	...	...
綠豆	0.30	1,801	133	133	1,700	407	433	620	...	...	...	...	...	...	...	...	...	...
黃豆	1.30	7,230	100	100	7,127	823	800	6,700	...	...	...	...	...	...	...	...	...	...
黑豆	0.10	820	...	...	820	200	200	200	...	...	...	...	...	...	...	...	...	...
綠豆	0.00	21	...	...	21	200	200	100	...	...	...	...	...	...	...	...	...	...
黃豆	0.08	400	80	80	370	1,000	1,000	400	...	...	...	...	...	...	...	...	...	...
黑豆	0.01	20	...	...	...	440	440	10	...	...	...	...	...	...	...	...	...	...
合計	4.00	24,140	1,900	1,900	22,000	...	...	...	...	...	...	...	...	...	...	...	...	...
大豆	0.20	1,400	457	457	1,040	104	107	231	...	...	...	...	...	...	...	...	...	...
綠豆	0.30	1,801	133	133	1,700	407	433	620	...	...	...	...	...	...	...	...	...	...
黃豆	1.30	7,230	100	100	7,127	823	800	6,700	...	...	...	...	...	...	...	...	...	...
黑豆	0.10	820	...	...	820	200	200	200	...	...	...	...	...	...	...	...	...	...
綠豆	0.00	21	...	...	21	200	200	100	...	...	...	...	...	...	...	...	...	...
黃豆	0.08	400	80	80	370	1,000	1,000	400	...	...	...	...	...	...	...	...	...	...
黑豆	0.01	20	...	...	...	440	440	10	...	...	...	...	...	...	...	...	...	...
合計	4.00	24,140	1,900	1,900	22,000	...	...	...	...	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Areas (For 1941) Along the Tzu-men--Chia-mu-ssu Railway

圖表續地方

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	單位	面積 (公頃)							收穫量 (公担)			備註
		1	2	3	4	5	6	7	8	9	10	
合計	1	100.00	800,243	24,218	21,248	1,214	2,200	498,900	...	...	...	...
大豆	2	81.00	406,000	22,710	10,804	1,816	2,007	443,970	900	900	482,970	
綠豆	3	28.72	140,263	7,050	6,252	—	1,270	126,024	750	750	110,100	
紅豆	4	1.11	5,674	66	30	—	7	5,021	672	672	2,812	
其他豆類	5	0.18	970	—	—	—	—	970	677	677	860	
高粱	6	0.30	1,548	1	1	—	—	1,547	720	720	1,187	
粟	7	14.14	72,036	4,100	3,300	304	424	45,866	900	1,221	46,087	
小麥	8	17.21	87,061	3,300	2,422	410	141	67,047	881	940	64,156	
燕麥	9	0.22	1,000	1,000	1,000	100	80	48,000	625	625	21,204	
其他小麥	10	0.32	32,224	1,200	800	—	—	30,800	1,400	1,550	48,100	
水稻	11	0.13	670	0	1	—	—	664	900	900	620	
其他水稻	12	1.25	6,352	300	300	27	30	5,963	600	600	5,100	
其他雜糧	13	1.10	5,801	181	103	—	10	5,700	600	670	3,010	
燕麥	14	1.02	5,212	10	14	—	4	5,194	707	707	4,150	
其他燕麥	15	0.38	1,847	10	10	—	—	1,827	700	700	1,470	
其他燕麥	16	0.21	1,074	7	7	—	7	1,067	547	500	607	
其他燕麥	17	2.00	10,201	140	140	—	—	10,061	—	—	—	
其他燕麥	18	0.20	1,400	80	80	—	—	1,320	300	370	500	
其他燕麥	19	0.01	100	—	—	—	—	100	500	500	87	
其他燕麥	20	0.05	257	0	0	—	—	254	600	604	101	
其他燕麥	21	—	—	—	—	—	—	—	—	—	—	
其他燕麥	22	—	—	—	—	—	—	—	—	—	—	
其他燕麥	23	0.01	50	—	—	—	—	50	600	600	87	
其他燕麥	24	0.12	600	—	—	—	—	600	670	670	600	
其他燕麥	25	0.02	117	—	—	—	—	110	600	600	40	
其他燕麥	26	1.54	7,821	60	64	—	—	7,757	1,110	1,120	4,711	
其他燕麥	27	0.01	11	—	—	—	—	11	600	600	0	
其他燕麥	28	0.01	47	—	—	—	—	47	600	600	20	
其他燕麥	29	—	—	—	—	—	—	—	—	—	—	
其他燕麥	30	0.01	14	—	—	—	—	14	6,000	6,000	81	
其他燕麥	31	0.00	1	—	—	—	—	1	—	—	—	
其他燕麥	32	0.00	—	—	—	—	—	—	—	—	—	
其他燕麥	33	0.00	—	—	—	—	—	—	—	—	—	
其他燕麥	34	0.00	—	—	—	—	—	—	—	—	—	
其他燕麥	35	0.00	—	—	—	—	—	—	—	—	—	
其他燕麥	36	0.00	—	—	—	—	—	—	—	—	—	
其他燕麥	37	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	38	0.01	47	—	—	—	—	47	—	—	—	
其他燕麥	39	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	40	0.01	47	—	—	—	—	47	—	—	—	
其他燕麥	41	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	42	0.01	47	—	—	—	—	47	—	—	—	
其他燕麥	43	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	44	0.01	47	—	—	—	—	47	—	—	—	
其他燕麥	45	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	46	0.01	47	—	—	—	—	47	—	—	—	
其他燕麥	47	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	48	0.01	47	—	—	—	—	47	—	—	—	
其他燕麥	49	0.01	14	—	—	—	—	14	—	—	—	
其他燕麥	50	0.01	47	—	—	—	—	47	—	—	—	

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreege Under Crops and Amount of Yield by Crops
and by Areas (For 1941)
Along the Hu-t'ou--Lin-k'ou Railway
虎林通地方

Crop No.	Crop Name	Acreege (Hectares)				Yield per Hectare (kg)	Total Yield (MT)	Percentage (%)
		Total	Harvested	Damaged	Others			
1	Total	103,000	103,000	103,000	12,770	1,315,600	100.00	
2	Principal crops sub-total	100,000	100,000	100,000	11,800	1,200,000	97.09	
3	Soybeans	27.00	27,000	27,000	1,800	48,600	3.69	
4	Red beans	1.70	1,700	1,700	400	6,800	0.52	
5	Green beans	0.24	240	240	80	3,200	0.24	
6	Other beans	0.09	90	90	1	100	0.01	
7	Wheat	14.82	14,820	14,820	882	13,052	1.07	
8	Italian millet	12.10	12,100	12,100	1,810	21,730	1.65	
9	Maize	15.00	15,000	15,000	2,000	30,000	2.29	
10	Rice (irrigated)	0.20	2,000	2,000	1,000	2,000	0.15	
11	Rice (unirrigated)	10.00	10,000	10,000	1,700	17,000	1.28	
12	Barley	0.01	10	10	6	60	0.00	
13	Oats	1.17	1,170	1,170	110	1,280	0.10	
14	Millet	0.82	8,200	8,200	240	1,968	0.15	
15	Sawa millet	1.31	1,310	1,310	120	1,572	0.12	
16	Buckwheat	0.53	530	530	70	371	0.03	
17	Special crops sub-total	0.10	100	100	22	220	0.02	
18	Ramie for fiber	0.10	100	100	10	100	0.00	
19	Ramie for seeds	0.00	0	0	7	70	0.00	
20	Perilla seeds	0.00	0	0	0	0	0.00	
21	Cotton imported	0.00	0	0	0	0	0.00	
22	Cotton native	0.00	0	0	0	0	0.00	
23	Tobacco US	0.00	0	0	0	0	0.00	
24	Tobacco native	0.00	0	0	0	0	0.00	
25	Abutilon hemp	0.01	100	100	0	0	0.00	
26	Flax	0.01	100	100	0	0	0.00	
27	Hemp	0.01	100	100	0	0	0.00	
28	Castor-oil seeds	0.01	100	100	0	0	0.00	
29	Sesame seeds	0.01	100	100	0	0	0.00	
30	Peanuts	0.01	100	100	0	0	0.00	
31	Sugar beets	0.01	100	100	0	0	0.00	
32	Melon seeds	0.01	100	100	0	0	0.00	
33	Other crops sub-total	0.00	0	0	0	0	0.00	
34	Fruits	0.00	0	0	0	0	0.00	
35	Potatoes	0.00	0	0	0	0	0.00	
36	Fresh vegetables	0.00	0	0	0	0	0.00	
37	Ruusan	0.00	0	0	0	0	0.00	

STAT

#53 Manchurian Agriculture Statistic for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Helens (Pop. 1941)

奉天以南地方
奉天省

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By flood (hectares)
7. By other (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kacifang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rarcan

作物名	2		3				4		5		6	
	作付割合	作付面積	計	旱害	水害	其他	收穫量	平均	最高	最低	總計	
計	100.00	6,888					6,888					
小計	3	6,818					6,818	1,044	1,044	6,000		
大豆	44	3,024					3,024	1,170	1,170	120		
綠豆	17	1,167					1,167	1,200	1,200	60		
紅豆	18	1,236					1,236	1,217	1,217	1,724		
其他豆	10	687					687	1,007	1,007	680		
水稻	21	1,407					1,407	1,020	1,020	917		
小水田	11	747					747	4	4	825		
大田	10	660					660	1,000	2,974	2,974	2,078	
高粱	23	1,602					1,602	1,104	1,104	144		
意大利粟	13	894					894	1,177	1,177	84		
小計	29	1,908					1,908	945	945	180		
其他	12	810					810	825	825	10		
小計	41	2,718					2,718	1,044	1,044	75		
大麻	30	2,100					2,100					
苧麻	31	2,100					2,100					
苧麻子	32	2,100					2,100					
紫蘇	33	2,100					2,100					
棉花	34	2,100					2,100					
棉花	35	2,100					2,100					
烟草	36	2,100					2,100					
烟草	37	2,100					2,100					
亞麻	38	2,100					2,100					
亞麻	39	2,100					2,100					
亞麻	40	2,100					2,100					
亞麻	41	2,100					2,100					
亞麻	42	2,100					2,100					
亞麻	43	2,100					2,100					
亞麻	44	2,100					2,100					
亞麻	45	2,100					2,100					
小計	46	3,024					3,024					
其他	47	3,024					3,024					
其他	48	3,024					3,024					
其他	49	3,024					3,024					
其他	50	3,024					3,024					

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Koiliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawn millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Nuts

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Mukden

作物名稱	1		2		3		4		5		6		7		8	
	總計	佔%	總計	佔%	總計	佔%	總計	佔%	總計	佔%	總計	佔%	總計	佔%	總計	佔%
全 計	100.00		898,848	8.91			40	0.07	288,000							
管 轄 作 物	3		810,000	8.98			40	0.210	212,000	5.410	1,437	800,010				
小 計	34.10		810,000													
大豆	14	28.80	60,100	7.30			20	7.00	60,000	1,107	1,170	60,000				
綠豆	15	0.34	614						614	1,214	1,314	614				
黃豆	16	0.03	70						70	1,100	1,100	70				
其他豆	17	0.25	581						581	1,140	1,140	581				
高粱	18	34.73	80,753	2,403			20	2,400	70,070	1,004	1,034	107,010				
粟	19	10.60	24,047	540				540	24,107	1,730	1,800	20,810				
玉米	20	12.00	29,820	2,473				2,473	27,067	1,000	1,117	46,330				
其他小水澆	21	0.02	47						47	772	772	47				
其他小水澆	22	2.40	5,007						5,007	2,000	2,000	14,700				
水稻	23	3.70	8,000						8,000	1,200	1,200	11,010				
其他	24															
其他	25															
其他	26															
其他	27															
其他	28															
其他	29															
其他	30															
其他	31															
其他	32															
其他	33															
其他	34															
其他	35															
其他	36															
其他	37															
其他	38															
其他	39															
其他	40															
其他	41															
其他	42															
其他	43															
其他	44															
其他	45															
其他	46															
其他	47															
其他	48															
其他	49															
其他	50															

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by County and by Hsiens (For 1941)
Fu-shun City
撫順市

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sasane seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

項目	單位	面積				收穫量		備註
		總計	旱地	水地	其他	總計	單位	
合計	公頃	100.00						
大豆	公頃	32.81				1,048	1,248	400
綠豆	公頃	0.33				1,100	1,100	87
紅豆	公頃	0.13				800	800	1
其他豆類	公頃	0.26						
高粱	公頃	22.78				1,017	1,017	200
意大利小麥	公頃	1.77				1,200	1,200	18
燕麥	公頃	0.82				1,000	1,000	6
小麥	公頃	1.27				2,010	2,010	26
其他小麥	公頃	0.25						
燕麥	公頃	0.26						
其他燕麥	公頃	0.27						
小計	公頃	41.9						
大麻	公頃	0.20						
大麻子	公頃	0.21						
大麻子(種子)	公頃	0.22						
大麻子(纖維)	公頃	0.23						
大麻子(其他)	公頃	0.24						
大麻子(其他)	公頃	0.25						
大麻子(其他)	公頃	0.26						
大麻子(其他)	公頃	0.27						
大麻子(其他)	公頃	0.28						
大麻子(其他)	公頃	0.29						
大麻子(其他)	公頃	0.30						
大麻子(其他)	公頃	0.31						
大麻子(其他)	公頃	0.32						
大麻子(其他)	公頃	0.33						
大麻子(其他)	公頃	0.34						
大麻子(其他)	公頃	0.35						
大麻子(其他)	公頃	0.36						
大麻子(其他)	公頃	0.37						
大麻子(其他)	公頃	0.38						
大麻子(其他)	公頃	0.39						
大麻子(其他)	公頃	0.40						
大麻子(其他)	公頃	0.41						
大麻子(其他)	公頃	0.42						
大麻子(其他)	公頃	0.43						
大麻子(其他)	公頃	0.44						
大麻子(其他)	公頃	0.45						
大麻子(其他)	公頃	0.46						
大麻子(其他)	公頃	0.47						
大麻子(其他)	公頃	0.48						
大麻子(其他)	公頃	0.49						
大麻子(其他)	公頃	0.50						

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Amuilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Fu-shün

作物	面積	收穫量		產值		其他	
		公頃	公担	千圓	百圓	千圓	百圓
合計	12	100.00	70,000	250	200	70,000	...
小計	13	80.00	60,000	180	150	60,000	1,000 1,000 100,000
大豆	14	20.00	20,500	60	55	20,400	1,100 1,100 24,970
綠豆	15	0.80	801	...	5	801	1,100 1,100 700
紅豆	16	0.40	342	...	...	342	854 854 300
豌豆	17	0.27	184	...	...	184	854 854 100
蠶豆	18	33.12	23,387	10	2	23,340	1,740 1,740 40,700
黑豆	19	11.80	6,184	20	1	6,150	1,400 1,400 12,711
黃豆	20	0.90	6,124	40	...	6,084	1,700 1,700 10,400
小豆	21	0.40	6,930	20	...	6,910	3,200 3,200 20,000
水磨	22	0.12	84	...	...	84	1,270 1,270 100
高粱	23	...	...	...	...	...	...
燕麥	24	...	...	...	...	...	...
小麥	25	...	...	...	...	...	...
粟	26	...	...	...	...	...	...
黍	27	...	...	...	...	...	...
稷	28	...	...	...	...	...	...
小計	29	...	...	...	...	...	...
大麻	30	...	...	...	...	...	...
苧麻	31	...	...	...	...	...	...
苧麻子	32	...	...	...	...	...	...
紫蘇子	33	...	...	...	...	...	...
棉花	34	...	...	...	...	...	...
棉花	35	...	...	...	...	...	...
煙草	36	...	...	...	...	...	...
煙草	37	...	...	...	...	...	...
亞麻	38	...	...	...	...	...	...
亞麻	39	...	...	...	...	...	...
大麻	40	...	...	...	...	...	...
花生	41	...	...	...	...	...	...
花生	42	...	...	...	...	...	...
西瓜	43	...	...	...	...	...	...
西瓜	44	...	...	...	...	...	...
其他	45	...	...	...	...	...	...
小計	46	...	...	...	...	...	...
果類	47	...	...	...	...	...	...
蔬菜	48	...	...	...	...	...	...
其他	49	...	...	...	...	...	...
其他	50	...	...	...	...	...	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)
Liao-yang City

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Rawls for fiber
31. Rawls for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Russian

作物名稱	1. 收穫面積 (公頃)		2. 收穫量 (公担)				3. 收穫量 (公担)		4. 收穫量 (公担)		5. 收穫量 (公担)	
	總計	受損	總計	大豆	綠豆	黃豆	其他豆	高粱	粟	小麥	其他	其他
總計	100.00	1.00	1,410					1,410				
大豆	33		600	600				1,000	1,000			600
綠豆	15		110	110				1,100	1,100			110
黃豆	16		77					77	1,070	1,070		77
其他豆	18		389					389	1,000	1,000		389
高粱	19		73					73	1,300	1,300		73
粟	20		10					10	1,377	1,377		10
小麥	21		11					11	1,110	1,110		11
其他	22		0					0	1,000	1,000		0
其他	23		0					0	1,000	1,000		0
其他	24		0					0	1,000	1,000		0
其他	25		0					0	1,000	1,000		0
其他	26		0					0	1,000	1,000		0
其他	27		0					0	1,000	1,000		0
其他	28		0					0	1,000	1,000		0
其他	29		10					10	870	870		10
其他	30		10					10	870	870		10
其他	31		0					0				0
其他	32		0					0				0
其他	33		0					0	1,200	1,200		0
其他	34		0					0	1,200	1,200		0
其他	35		10					10	730	730		10
其他	36		10					10	730	730		10
其他	37		0					0				0
其他	38		0					0				0
其他	39		0					0				0
其他	40		0					0				0
其他	41		0					0				0
其他	42		0					0				0
其他	43		0					0				0
其他	44		0					0				0
其他	45		0					0				0
其他	46		0					0				0
其他	47		0					0				0
其他	48		0					0				0
其他	49		0					0				0
其他	50		0					0				0

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Area Under Crops and Amount of Yield by Crops as and by Hsiens (For 1941)

An-shan City

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kowliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Russian

作物名稱	面積	收穫量	單位				備註
			公頃	畝	公石	石	
全計	100.00	4,000	44	60	4,000		
大豆	71.22	3,000			3,000	1,000 1,000 1,000 4,700	
小豆	14.82	610			610	1,000 1,000 1,000 600	
綠豆	1.08	43			43	1,100 1,100 40	
其他豆	1.81	74			74	1,000 1,000 70	
高粱	35.70	1,400			1,400	1,710 1,710 1,000 2,000	
玉米	2.00	401			401	1,000 1,000 800 800	
小米	2.20	90			90	1,200 1,200 110	
水磨	5.80	210			210	1,500 1,500 800 800	
大磨	0.15	6			6	800 800 60	
雜糧	0.17	7			7	1,200 1,200 8	
特別作物	31.80	800	44	44	800		
大麻	30						
苧麻	32						
棉花	37	830	44	44	800	800 800 100	
煙草	38						
亞麻	39	10			10	800 800 11	
大麻	40						
苧麻	41						
芝麻	42						
花生	43	1			1	8,010 8,010 8	
其他	44						
其他作物	45						
小計	46	100			100		
果樹	47	80			80		
蔬菜	48	20			20	1,000 1,000 800	
其他	49	10			10		
全計	50						

#53 Manchurian Agriculture Station for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Malca seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rhusan

60 Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)
Liao-yang

作物/品名	1. 播种面积	2. 收获面积	3. 播种量				4. 收获量				
			斤	斗	石	方	斤	斗	石	方	
合计	100.00	81.120	2,600	200	70	2,070	340,000	...	...	...	...
大豆	3.00	225,000	100	...	...	100	225,000	1,400	1,400	225,000	...
绿豆	0.40	61,432	...	...	...	...	61,432	1,100	1,100	61,432	...
豌豆	0.27	800	...	...	...	...	800	1,000	1,000	800	...
其他豆类	0.05	192	...	...	...	...	192	600	600	192	...
高粱	1.37	3,205	...	...	...	...	3,205	1,000	1,000	3,205	...
玉米	48.70	122,810	...	...	...	...	122,810	1,000	1,000	122,810	...
红小豆	0.03	21,000	...	...	...	...	21,000	1,200	1,200	21,000	...
青小豆	4.83	12,130	...	...	...	...	12,130	1,000	1,000	12,130	...
其他豆类	0.97	2,430	...	...	...	...	2,430	400	400	2,430	...
水稻	0.27	807	...	...	...	...	807	2,000	2,000	807	...
旱稻	0.70	1,000	...	...	...	...	1,000	1,100	1,100	1,000	...
大麦	0.42	1,050	100	...	...	100	825	700	807	700	...
小麦	0.03	70	...	...	...	...	70	750	750	70	...
燕麦	1.70	4,200	...	...	...	...	4,200	1,400	1,400	4,200	...
粟	0.10	240	...	...	...	...	240	807	807	240	...
其他作物	0.04	22,000	2,500	200	70	2,100	22,000	...	...	...	...
大麻	0.00	2	...	...	...	...	2	300	300	2	...
苧麻	0.01	30	...	...	...	...	30	970	970	30	...
紫花	0.20	13,440	1,000	100	...	1,710	11,810	800	800	10,700	...
棉花	0.46	1,120	170	...	...	170	940	840	840	870	...
棉	0.10	284	...	...	...	...	284	1,000	1,000	284	...
烟草	0.07	100	...	...	...	...	100	1,000	1,000	100	...
青麻	0.40	1,100	...	...	...	...	1,100	500	500	1,100	...
苧麻	...	...	...	...	...	...	...	...	...	...	...
大麻	0.01	0,000	400	70	70	200	0,000	810	810	4,170	...
苧麻	0.00	4	...	...	...	...	4	401	401	4	...
苧麻	0.00	40	...	...	...	...	40	800	800	40	...
苧麻	0.00	40	...	...	...	...	40	1,000	1,000	40	...
苧麻	0.07	100	...	...	...	...	100	0,000	0,000	1,000	...
苧麻	0.07	100	...	...	...	...	100	0,000	0,000	1,000	...
其他	0.07	100	...	...	...	...	100	0,000	0,000	1,000	...
其他作物	0.53	0,000	...	...	...	...	0,000	...	...	...	...
其他	0.07	0,000	...	...	...	...	0,000	...	...	...	...
其他	0.00	1,070	...	...	...	...	1,070	0,000	0,000	1,070	...
其他	1.00	0,101	...	...	...	...	0,101	...	...	...	...
其他	0.01	0,000	...	...	...	...	0,000	...	...	...	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Liao-chung

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seed
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Russian

作物	1		2		3		4		5		6		7		8		9		10	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
大豆	43	88,000	110,000	170			100	110,000	1,100	1,111	101,000									
小豆	13	81,300	20,000	20			27	20,000	907	900	20,000									
綠豆	15	81,000	325	1			1	325	702	707	325									
其他豆類	16	81,000	310	2			1	310	730	740	310									
其他豆類	17	81,000	2,040	2			1	2,040	730	730	2,040									
高粱	18	80,310	50,110	20			20	50,000	1,300	1,300	50,000									
粟	19	80,310	5,500	50			50	5,510	1,007	1,070	5,500									
玉米	20	80,310	2,040	22			20	2,020	1,330	1,340	2,040									
小麥	21	80,310	11,520	10			10	11,000	420	430	11,520									
水稻	22	80,310	500					500	2,270	2,270	500									
水稻	23	80,310	3,017	8			8	3,000	1,000	1,000	3,017									
水稻	24	80,310	850	11			10	847	810	830	850									
綠豆	25	80,310	77					77	840	840	77									
其他	26	80,310	10,040	2			2	10,000	1,107	1,107	10,040									
其他	27	80,310	500					500	740	740	500									
其他	28	80,310	11,000	100			100	11,000			11,000									
其他	29	80,310	30					30	407	407	30									
其他	30	80,310	10					10	700	700	10									
其他	31	80,310	8,700	100			100	8,100	800	700	8,700									
其他	32	80,310	91					91	1,000	1,000	91									
其他	33	80,310	310					310	817	817	310									
其他	34	80,310	4,000	21			10	4,000	740	740	4,000									
其他	35	80,310	220					220	410	410	220									
其他	36	80,310	810					810	1,400	1,400	810									
其他	37	80,310																		
其他	38	80,310																		
其他	39	80,310																		
其他	40	80,310																		
其他	41	80,310																		
其他	42	80,310																		
其他	43	80,310																		
其他	44	80,310																		
其他	45	80,310																		
其他	46	80,310	8,000	4				8,000			8,000									
其他	47	80,310	70					70			70									
其他	48	80,310	1,700	0				1,700	0,000	0,000	1,700									
其他	49	80,310	1,711	0				1,700			1,711									
其他	50	80,310	0					0			0									

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

53 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

海 龍 省

作物名稱	總計		海 龍 省					總計	
	面積 (公頃)	產量 (公噸)	1	2	3	4	5	6	7
總計	2,100.00	888,000	...	...	...	...	...	...	...
主要作物	80.00	374,970	...	...	...	...	...	...	...
大豆	18.82	34,040	...	...	...	...	...	...	...
綠豆	0.38	704	...	...	...	...	...	...	...
紅豆	0.11	231	...	...	...	...	...	...	...
其他豆類	1.39	2,730	...	...	...	...	...	...	...
高粱	44.04	88,137	...	...	...	...	...	...	...
小麥	0.07	12,000	...	...	...	...	...	...	...
燕麥	2.61	7,310	...	...	...	...	...	...	...
其他小麥類	4.88	10,044	...	...	...	...	...	...	...
玉米	0.48	960	...	...	...	...	...	...	...
大麥	2.08	4,217	...	...	...	...	...	...	...
水稻 (灌溉)	0.03	1,073	...	...	...	...	...	...	...
水稻 (非灌溉)	2.53	5,120	...	...	...	...	...	...	...
粟	0.01	14	...	...	...	...	...	...	...
其他作物	16.98	22,100	...	...	...	...	...	...	...
苧麻	0.00	0	...	...	...	...	...	...	...
大麻	0.01	13	...	...	...	...	...	...	...
其他纖維作物	0.00	0	...	...	...	...	...	...	...
芝麻	0.48	17,171	...	...	...	...	...	...	...
棉花 (進口)	0.38	700	...	...	...	...	...	...	...
棉花 (本地)	0.01	13	...	...	...	...	...	...	...
煙草 (美國)	0.14	280	...	...	...	...	...	...	...
煙草 (本地)	1.02	2,070	...	...	...	...	...	...	...
亞麻	0.00	0	...	...	...	...	...	...	...
大麻	0.00	104	...	...	...	...	...	...	...
其他油料作物	0.11	222	...	...	...	...	...	...	...
其他作物	0.10	210	...	...	...	...	...	...	...
其他作物 (子)	0.00	0	...	...	...	...	...	...	...
其他作物 (果)	0.00	0	...	...	...	...	...	...	...
其他作物 (蔬菜)	0.00	0	...	...	...	...	...	...	...
其他作物 (其他)	0.00	0	...	...	...	...	...	...	...
其他作物 (總計)	0.00	0	...	...	...	...	...	...	...
其他作物 (子)	0.00	0	...	...	...	...	...	...	...
其他作物 (果)	0.00	0	...	...	...	...	...	...	...
其他作物 (蔬菜)	0.00	0	...	...	...	...	...	...	...
其他作物 (其他)	0.00	0	...	...	...	...	...	...	...
其他作物 (總計)	0.00	0	...	...	...	...	...	...	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Ying-k'ing City

項目	單位	面積		收穫量		產量		備註
		公頃	畝	公噸	担	公噸	担	
合計		2,100.00	8,200			2,100		
普通作物		86.00	3,200			2,000	1,400	1,400
小計		86.00	3,200			200	1,100	1,100
大豆		14						
大小綠豆		0.10					1,001	1,001
其他豆類		71.90	1,400			1,000	1,000	1,000
高粱		2.97	61			61	1,270	1,270
玉米								
水稻		7.00	150			150	2,100	2,100
小麥								
燕麥		2.10	40			40	800	800
其他								
特別作物		29						
小計		29						
大麻								
苧麻								
棉花								
烟草								
亞麻								
大麻								
其他								
其他作物		46						
小計		46						
其他		1.00	31					
其他		1.00	31					
其他		1.00	31					
其他		1.00	31					

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Sorghum
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hailers. (For 1941)
Kai-p'ing

作物名称	小計	大計	收穫量 (kg)				產量 (MT)			
			總產量	平均	最高	最低	總產量	平均	最高	最低
全計	100,000	100,000	700,000	7.00	1,000	100,000	7.00	1,000	100,000	
主要作物	85,000	84,000	600,000	7.06	1,000	60,000	7.06	1,000	60,000	
大豆	1.84	7,000	7,000	1.00	1.00	1,000	1.00	1.00	1,000	
綠豆	0.30	350	350	0.00	0.00	0.00	0.00	0.00	0.00	
紅豆	0.11	150	150	0.00	0.00	0.00	0.00	0.00	0.00	
其他豆類	0.18	170	170	0.00	0.00	0.00	0.00	0.00	0.00	
高粱	50.26	61,000	61,000	0.00	0.00	0.00	0.00	0.00	0.00	
燕麥	13.74	15,000	15,000	0.00	0.00	0.00	0.00	0.00	0.00	
小麥	0.43	7,000	7,000	0.00	0.00	0.00	0.00	0.00	0.00	
其他雜糧	0.21	250	250	0.00	0.00	0.00	0.00	0.00	0.00	
水稻	0.01	10	10	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.34	300	300	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.00	120	120	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.02	15	15	0.00	0.00	0.00	0.00	0.00	0.00	
特殊作物	0.01	10,000	10,000	0.00	0.00	0.00	0.00	0.00	0.00	
大麻	0.01	7,000	7,000	0.00	0.00	0.00	0.00	0.00	0.00	
棉花	0.54	370	370	0.00	0.00	0.00	0.00	0.00	0.00	
煙草	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.01	0	0	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.01	10	10	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.04	500	500	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.00	4,000	4,000	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.00	1,000	1,000	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.00	0.100	0.100	0.00	0.00	0.00	0.00	0.00	0.00	
其他	0.01	10	10	0.00	0.00	0.00	0.00	0.00	0.00	

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By flood (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kind of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sorghum
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Beans

Crop Name	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)
	Total	Harvested	Total	Harvested	
Principal Crops	196,000	179,800	179,800	179,800	179,800
Small Crops	9,000	101,067	101,067	101,067	101,067
Large Crops	21.20	38,100	38,100	38,100	38,100
Small Crops	1.10	2,020	2,020	2,020	2,020
Other Beans	3.20	6,800	6,800	6,800	6,800
Other Beans	2.20	4,070	4,070	4,070	4,070
Other Beans	12.00	21,830	21,830	21,830	21,830
Other Beans	8.00	18,000	18,000	18,000	18,000
Other Beans	37.40	67,220	67,220	67,220	67,220
Other Beans	0.10	244	244	244	244
Other Beans	0.70	1,200	1,200	1,200	1,200
Other Beans	0.00	101	101	101	101
Other Beans	0.00	100	100	100	100
Other Beans	0.00	125	125	125	125
Other Beans	1.30	2,400	2,400	2,400	2,400
Other Beans	0.00	1,400	1,400	1,400	1,400
Other Beans	0.00	140	140	140	140
Special Crops	1.00	10,000	10,000	10,000	10,000
Special Crops	0.00	00	00	00	00
Special Crops	0.04	1,150	1,150	1,150	1,150
Special Crops	2.20	3,940	3,940	3,940	3,940
Special Crops	0.00	130	130	130	130
Special Crops	0.00	130	130	130	130
Special Crops	0.00	1,010	1,010	1,010	1,010
Special Crops	0.00	00	00	00	00
Special Crops	3.00	7,150	7,150	7,150	7,150
Special Crops	0.00	00	00	00	00
Special Crops	1.70	3,100	3,100	3,100	3,100
Special Crops	0.70	4,000	4,000	4,000	4,000
Special Crops	0.00	1,410	1,410	1,410	1,410
Special Crops	0.00	000	000	000	000
Special Crops	1.70	3,100	3,100	3,100	3,100

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)
T'ieh-ling City

奉天以北地方
總產量

項目	面積 (公頃)		產量 (公噸)			
	總面積	收穫面積	總產量	平均產量	最高產量	最低產量
全部	100.00	1.180	1,000			
主要作物	3	788	1,000	1,280	1,000	1,170
小計	68.80	788	821	1,207	1,007	897
大豆	10.10	221				
綠豆	2.85	325	325	1,150	1,200	827
其他豆類	5.14	69	69	1,140	1,140	69
高粱	3.44	40	40	1,000	1,000	60
玉米	1.04	11	11	700	700	0
水稻 (灌溉)	0.01	65	65	2,500	2,500	170
水稻 (不灌溉)	1.70	10	10	600	600	10
燕麥	4.00	46	46	10,400	1,040	46
雜糧						
特殊作物	29					
小計	29					
大麻子						
棉花 (進口)						
棉花 (本地)						
煙草 (美國)						
煙草 (本地)						
亞麻						
大麻						
黃亞麻						
大麻子						
其他						
其他作物	46					
小計	46					
其他						
全部	100.00	1,180	1,000	1,280	1,000	1,170

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar seeds
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rumsan

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)
T'ieh-ling

Crop	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Small Cereals	2,100,000	182,000	771	771	367,000	367,000
Wheat	84,000	194,000	607	607	7,200	3,150
Barley	28,000	37,000	130	130	47,000	47,000
Oats	1,000	1,000	10	10	1,000	1,000
Millet	0.10	170	—	—	—	—
Maize	0.01	311	—	—	—	—
Other Cereals	24,300	46,000	200	200	40,000	40,000
Soybeans	12,500	10,870	60	60	10,870	10,870
Red beans	4.17	8,210	27	27	2,000	1,000
Green beans	1.00	2,500	—	—	2,500	2,500
Other beans	4.51	5,800	24	24	2,000	2,000
Other kinds of beans	2.52	3,201	12	12	2,000	1,100
Kaoliang	—	124	2	2	124	1,100
Italian millet	—	—	—	—	—	—
Maize	0.20	94	—	—	94	1,100
Wheat	2.10	4,300	120	120	4,300	1,100
Barley	0.10	200	—	—	200	200
Small Cereals (Sub-total)	1.71	5,200	14	14	5,200	—
Special Crops	0.01	—	—	—	—	—
Ramie for fiber	0.01	10	—	—	10	471
Ramie for seeds	0.01	3	—	—	3	600
Perilla seeds	0.00	194	—	—	194	371
Cotton, imported species	0.10	800	—	—	800	1,100
Cotton, native species	0.01	14	—	—	14	600
Tobacco, US species	0.04	80	—	—	80	600
Tobacco, native species	0.33	420	—	—	420	600
Abutilon hemp	0.00	20	—	—	20	400
Flax	0.00	800	—	—	800	1,100
Hemp	0.24	400	—	—	400	2,500
Sesame seeds	—	—	—	—	—	—
Sugar seeds	—	—	—	—	—	—
Others	0.00	4,700	—	—	4,700	—
Other crops (Sub-total)	0.61	10	—	—	10	—
Fruits	—	—	—	—	—	—
Potatoes	—	—	—	—	—	—
Fresh vegetables	—	—	—	—	—	—
Rumsan	—	—	—	—	—	—

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Pa-ku

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Oats
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Peilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Per Hectare
大豆 (Soybeans)	28,270	28,270	1,170	1.170
綠豆 (Green beans)	874	874	327	0.374
紅豆 (Red beans)	240	240	701	2.921
其他豆類 (Other beans)	1,832	1,832	524	0.286
高粱 (Kaoliang)	28,422	28,422	1,320	0.465
小麥 (Wheat)	22,24	22,24	1,170	0.526
燕麥 (Oats)	4,734	4,734	1,320	0.279
綠豆 (Green beans)	1,241	1,241	444	0.358
其他豆類 (Other beans)	711	711	210	0.297
玉米 (Maize)	2,100	2,100	870	0.414
燕麥 (Oats)	120	120	100	0.833
水稻 (Rice)	1,210	1,210	1,101	0.909
水稻 (Rice)	1,201	1,201	1,000	0.833
燕麥 (Oats)	300	300	300	1.000
其他作物 (Other crops)	8,700	8,700	2,100	0.241
大麻 (Hemp)	50	50	200	4.000
苧麻 (Ramie)	400	400	270	0.675
其他 (Others)	81	81	300	3.704
棉花 (Cotton)	101	101	300	2.970
其他 (Others)	70	70	210	3.000
棉花 (Cotton)	10	10	300	30.000
其他 (Others)	23	23	300	13.043
亞麻 (Flax)	300	300	300	1.000
大麻 (Hemp)	1,200	1,200	300	0.250
其他 (Others)	301	301	300	0.997
其他 (Others)	1	1	300	300.000
其他 (Others)	1,000	1,000	300	0.300
其他 (Others)	10	10	300	30.000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
K'ang-p'ing

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Small Crops (小)	1,000	800	10,000	8,000
Large Crops (大)	1,000	800	10,000	8,000
Principal Crops (主要作物)	1,000	800	10,000	8,000
Special Crops (特殊作物)	1,000	800	10,000	8,000
Others (其他)	1,000	800	10,000	8,000
Total (总计)	1,000	800	10,000	8,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

70 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
K'ai-yuan

Crops	Acreage (hectares)		Yield (kg)		Yield (MT)	
	Total	Harvested	Total	Harvested	Total	Harvested
全部 (Total)	1,100,000	800,000	1,100,000	800,000	1,100,000	800,000
主要作物 (Principal crops)	700,000	500,000	700,000	500,000	700,000	500,000
大豆 (Soybeans)	100,000	80,000	100,000	80,000	100,000	80,000
高粱 (Kaoliang)	200,000	150,000	200,000	150,000	200,000	150,000
水稻 (Rice)	300,000	250,000	300,000	250,000	300,000	250,000
小麦 (Wheat)	100,000	80,000	100,000	80,000	100,000	80,000
其他 (Others)	100,000	80,000	100,000	80,000	100,000	80,000
特殊作物 (Special crops)	400,000	300,000	400,000	300,000	400,000	300,000
大麻 (Ramie)	100,000	80,000	100,000	80,000	100,000	80,000
烟草 (Tobacco)	50,000	40,000	50,000	40,000	50,000	40,000
其他 (Others)	250,000	180,000	250,000	180,000	250,000	180,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)
Hsi-peng

作物別 (Crop)	面積 (Acreage)		收穫量 (Yield)	
	總面積 (Total)	收穫面積 (Harvested)	總產量 (Total)	收穫產量 (Harvested)
合計 (Total)	12,908.00	111,800	600	975.1
小計 (Sub-total)	84.00	108,410	600	975.1
大豆 (Soybeans)	64.01	27,400	200	237
綠豆 (Green beans)	1.00	2,100	0	0
紅豆 (Red beans)	0.00	60	0	0
其他豆類 (Other beans)	0.12	150	0	0
高粱 (Kaoliang)	28.00	32,400	200	300
玉米 (Maize)	11.00	13,200	150	110
小麥 (Wheat)	17.00	18,000	140	140
小水磨 (Millet)	0.11	150	0	0
水稻 (Rice)	4.02	4,000	30	27
水稻 (灌溉) (Irrigated)	0.02	2,700	20	20
水稻 (不灌溉) (Unirrigated)	0.12	340	0	0
燕麥 (Barley)	0.30	1,000	0	0
燕麥 (灌溉) (Irrigated)	0.00	430	0	0
燕麥 (不灌溉) (Unirrigated)	0.10	140	0	0
小計 (Sub-total)	1.07	3,430	17	17
大麻 (Ramie)	0.10	201	0	0
大麻 (纖維) (Fiber)	0.12	130	0	0
大麻 (種子) (Seeds)	0.00	0	0	0
蘇麻 (Perilla)	0.00	0	0	0
棉花 (進口) (Imported Cotton)	0.00	0	0	0
棉花 (本地) (Native Cotton)	0.00	0	0	0
煙草 (美國) (US Tobacco)	0.00	0	0	0
煙草 (本地) (Native Tobacco)	0.00	0	0	0
亞麻 (Abutilon)	0.10	170	0	0
亞麻 (纖維) (Fiber)	0.01	11	0	0
亞麻 (種子) (Seeds)	0.07	70	0	0
大麻 (種子) (Seeds)	0.01	11	0	0
其他 (Others)	0.01	11	0	0
小計 (Sub-total)	0.00	430	0	0
其他 (Others)	0.00	0	0	0
其他 (Others)	0.00	0	0	0
其他 (Others)	0.00	0	0	0
小計 (Sub-total)	0.00	0	0	0

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield
and by Hsiens (For 1941)

Ch'ang-kai

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Total	Damaged	Total	Damaged	Total	Damaged
1. Percentage of various crops	91.88	0.00	0.00	0.00	0.00	0.00
2. Acreage under crops (hectares)	91.88	0.00	0.00	0.00	0.00	0.00
3. Damaged acreage with no yield	0.00	0.00	0.00	0.00	0.00	0.00
4. Total damaged acreage (hectares)	0.00	0.00	0.00	0.00	0.00	0.00
5. By drought (hectares)	0.00	0.00	0.00	0.00	0.00	0.00
6. By floods (hectares)	0.00	0.00	0.00	0.00	0.00	0.00
7. By others (hectares)	0.00	0.00	0.00	0.00	0.00	0.00
8. Acreage harvested (hectares)	91.88	0.00	0.00	0.00	0.00	0.00
9. Yield per hectare (kg)						
10. Total yield (MT)						
11. Kinds of crops						
12. Total						
13. Principal crops, sub-total						
14. Soybeans	24.82	0.00	0.12	0.00	4.83	0.00
15. Red beans	1.80	0.00	0.00	0.00	0.00	0.00
16. Green beans	1.81	0.00	0.00	0.00	0.00	0.00
17. Other kinds of beans	0.00	0.00	0.00	0.00	0.00	0.00
18. Kaoliang	23.24	0.00	0.00	0.00	0.00	0.00
19. Italian millet	1.80	0.00	0.00	0.00	0.00	0.00
20. Maize	0.00	0.00	0.00	0.00	0.00	0.00
21. Wheat	0.00	0.00	0.00	0.00	0.00	0.00
22. Rice (irrigated)	0.00	0.00	0.00	0.00	0.00	0.00
23. Rice (unirrigated)	0.00	0.00	0.00	0.00	0.00	0.00
24. Barley	0.00	0.00	0.00	0.00	0.00	0.00
25. Oats	0.00	0.00	0.00	0.00	0.00	0.00
26. Millet	0.00	0.00	0.00	0.00	0.00	0.00
27. Sawa millet	0.00	0.00	0.00	0.00	0.00	0.00
28. Buckwheat	0.00	0.00	0.00	0.00	0.00	0.00
29. Special crops, sub-total	4.26	0.00	0.00	0.00	0.00	0.00
30. Ramie for fiber	0.00	0.00	0.00	0.00	0.00	0.00
31. Ramie for seeds	0.00	0.00	0.00	0.00	0.00	0.00
32. Perilla seeds	0.00	0.00	0.00	0.00	0.00	0.00
33. Cotton, imported species	0.11	0.00	0.00	0.00	0.00	0.00
34. Cotton, native species	0.11	0.00	0.00	0.00	0.00	0.00
35. Tobacco, US species	0.14	0.00	0.00	0.00	0.00	0.00
36. Tobacco, native species	0.14	0.00	0.00	0.00	0.00	0.00
37. Abutilon hemp	0.14	0.00	0.00	0.00	0.00	0.00
38. Flax	0.00	0.00	0.00	0.00	0.00	0.00
39. Hemp	0.00	0.00	0.00	0.00	0.00	0.00
40. Castor-oil seeds	0.00	0.00	0.00	0.00	0.00	0.00
41. Sesame seeds	0.00	0.00	0.00	0.00	0.00	0.00
42. Peanuts	0.00	0.00	0.00	0.00	0.00	0.00
43. Sugar beets	0.00	0.00	0.00	0.00	0.00	0.00
44. Melon seeds	0.00	0.00	0.00	0.00	0.00	0.00
45. Others	0.00	0.00	0.00	0.00	0.00	0.00
46. Other crops, sub-total	0.00	0.00	0.00	0.00	0.00	0.00
47. Fruits	0.00	0.00	0.00	0.00	0.00	0.00
48. Potatoes	0.00	0.00	0.00	0.00	0.00	0.00
49. Fresh vegetables	0.00	0.00	0.00	0.00	0.00	0.00
50. Ruusan	0.00	0.00	0.00	0.00	0.00	0.00

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Ssu-p'ing Ci

Crop Name	Acreage (ha)	Yield (kg/ha)	Total Yield (MT)	Percentage of Total Yield	
				Value	%
大豆 (Soybeans)	1,200	1,200	1,440	10.0	10.0
綠豆 (Green beans)	1,000	1,000	1,000	7.3	7.3
紅豆 (Red beans)	1,000	1,000	1,000	7.3	7.3
高粱 (Kaoliang)	1,000	1,000	1,000	7.3	7.3
小麥 (Wheat)	1,000	1,000	1,000	7.3	7.3
水稻 (Rice)	1,000	1,000	1,000	7.3	7.3
其他 (Others)	1,000	1,000	1,000	7.3	7.3
Principal Crops Sub-total	10,000	10,000	10,000	73.0	73.0
其他 (Others)	3,000	3,000	3,000	22.0	22.0
Total	13,000	13,000	13,000	100.0	100.0

STAT

#33 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount
and by Hsiens (For 1941)
Li-shu

作物	單位	總計	旱地	水地	其他	總計	旱地	水地	其他
總計	公頃	2,000.00	1,000.00	1,000.00	0.00	2,000.00	1,000.00	1,000.00	0.00
大豆	公頃	11.44	0.00	1.00	0.00	11.44	0.00	1.00	0.00
綠豆	公頃	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00
紅豆	公頃	0.07	0.00	0.00	0.00	0.07	0.00	0.00	0.00
其他豆類	公頃	0.20	0.00	0.00	0.00	0.20	0.00	0.00	0.00
高粱	公頃	28.82	0.00	1.00	0.00	28.82	0.00	1.00	0.00
綠豆	公頃	25.33	0.00	1.00	0.00	25.33	0.00	1.00	0.00
其他豆類	公頃	0.85	0.00	0.00	0.00	0.85	0.00	0.00	0.00
玉米	公頃	0.88	0.00	0.00	0.00	0.88	0.00	0.00	0.00
小麥	公頃	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00
燕麥	公頃	1.84	0.00	0.00	0.00	1.84	0.00	0.00	0.00
大麥	公頃	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00
雜糧	公頃	1.72	0.00	0.00	0.00	1.72	0.00	0.00	0.00
燕麥	公頃	1.33	0.00	0.00	0.00	1.33	0.00	0.00	0.00
粟	公頃	0.39	0.00	0.00	0.00	0.39	0.00	0.00	0.00
特種作物	公頃	2.10	0.00	0.00	0.00	2.10	0.00	0.00	0.00
大麻	公頃	30.18	0.00	0.00	0.00	30.18	0.00	0.00	0.00
苧麻	公頃	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
棉花	公頃	0.11	0.00	0.00	0.00	0.11	0.00	0.00	0.00
煙草	公頃	0.10	0.00	0.00	0.00	0.10	0.00	0.00	0.00
亞麻	公頃	0.11	0.00	0.00	0.00	0.11	0.00	0.00	0.00
大麻	公頃	0.20	0.00	0.00	0.00	0.20	0.00	0.00	0.00
亞麻	公頃	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
大麻	公頃	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
亞麻	公頃	0.07	0.00	0.00	0.00	0.07	0.00	0.00	0.00
大麻	公頃	0.04	0.00	0.00	0.00	0.04	0.00	0.00	0.00
其他	公頃	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他作物	公頃	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他	公頃	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
其他	公頃	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
其他	公頃	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Hwai-te

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Damaged	Total	Damaged
Principal Crops	400,000	218,000	800,000	436,000
Small	30,000	100,000	60,000	200,000
Large	370,000	118,000	740,000	236,000
Soybeans	18,000	45,720	36,000	91,440
Red beans	1,700	3,710	3,400	7,420
Green beans	0,500	1,150	1,000	2,300
Other beans	0,000	100	0	200
Kaoliang	28,000	61,300	56,000	122,600
Italian millet	25,200	54,300	50,400	108,600
Maize	0,300	21,300	0,600	42,600
Wheat	0,100	800	0,200	1,600
Rice (irrigated)	2,000	4,400	4,000	8,800
Rice (unirrigated)	0,500	1,100	1,000	2,200
Barley	0,000	177	0	354
Oats	3,400	7,420	6,800	14,840
Millet	0,700	1,507	1,400	2,914
Sawa millet	0,570	1,221	1,140	2,442
Special Crops	2,000	4,000	4,000	8,000
Small	2,000	4,000	4,000	8,000
Large	0,000	0,000	0,000	0,000
Ramie for fiber	0,000	0,000	0,000	0,000
Ramie for seeds	0,000	0,000	0,000	0,000
Perilla seeds	0,000	0,000	0,000	0,000
Cotton (imported)	0,000	0,000	0,000	0,000
Cotton (native)	0,000	0,000	0,000	0,000
Tobacco (US)	0,000	0,000	0,000	0,000
Tobacco (native)	0,000	0,000	0,000	0,000
Abutilon hemp	0,000	0,000	0,000	0,000
Flax	0,000	0,000	0,000	0,000
Hemp	0,000	0,000	0,000	0,000
Castor-oil seeds	0,000	0,000	0,000	0,000
Sesame seeds	0,000	0,000	0,000	0,000
Peanuts	0,000	0,000	0,000	0,000
Sugar beets	0,000	0,000	0,000	0,000
Melon seeds	0,000	0,000	0,000	0,000
Other crops	0,000	0,000	0,000	0,000
Fruits	0,000	0,000	0,000	0,000
Potatoes	0,000	0,000	0,000	0,000
Fresh vegetables	0,000	0,000	0,000	0,000
Ruusan	0,000	0,000	0,000	0,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, Native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

T'ung-

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Damaged	Total	Yield per Hectare
Principal crops sub-total	12,400.00	1,000.00	1,700.00	13.70
Soybeans	30.00	71,413	1,000	140
Red beans	1.00	3,000	7	700
Green beans	0.10	300	—	—
Other beans	0.95	1,310	30	300
Kaoliang	23.01	53,000	101	30
Italian millet	22.04	50,000	144	30
Maize	3.57	8,341	120	100
Wheat	0.11	250	7	70
Other grains	2.10	4,900	70	70
Rice (irrigated)	0.03	1,400	—	—
Rice (unirrigated)	0.00	111	—	—
Barley	2.41	6,030	30	10
Oats	0.02	11,870	57	50
Millet	0.04	101	—	—
Buckwheat	0.04	101	—	—
Special crops sub-total	0.04	6,100	30	30
Ramie for fiber	0.00	070	11	11
Ramie for seeds	0.07	170	—	—
Perilla seeds	0.10	401	—	—
Cotton (imported)	0.00	110	—	—
Cotton (native)	0.00	110	—	—
Tobacco (US)	0.00	210	—	—
Tobacco (Native)	1.34	3,000	30	30
Abutilon hemp	0.10	400	—	—
Flax	0.01	14	—	—
Hemp	0.00	0	—	—
Castor-oil seeds	0.00	0	—	—
Sesame seeds	0.00	0	—	—
Peanuts	0.00	0	—	—
Melon seeds	0.00	0	—	—
Other crops sub-total	0.00	0	—	—
Fruits	0.00	0	—	—
Potatoes	0.00	0	—	—
Fresh vegetables	0.00	0	—	—
Ruusan	0.00	0	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Ch'ang-ch'un Ci

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Keoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

		Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
		Area	Percentage	Total	Percentage	Total	Percentage
All crops		100,000	100.00	1,000,000	100.00	10,000	100.00
Principal crops		85,000	85.00	850,000	85.00	8,500	85.00
Soybeans		10,000	10.00	100,000	10.00	1,000	10.00
Red beans		5,000	5.00	50,000	5.00	500	5.00
Green beans		3,000	3.00	30,000	3.00	300	3.00
Other kinds of beans		2,000	2.00	20,000	2.00	200	2.00
Rice (irrigated)		15,000	15.00	150,000	15.00	1,500	15.00
Rice (unirrigated)		10,000	10.00	100,000	10.00	1,000	10.00
Barley		5,000	5.00	50,000	5.00	500	5.00
Millet		3,000	3.00	30,000	3.00	300	3.00
Wheat		2,000	2.00	20,000	2.00	200	2.00
Special crops		10,000	10.00	100,000	10.00	1,000	10.00
Others		5,000	5.00	50,000	5.00	500	5.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Ch'ang-ch'un

作物名稱	總計		第一區		第二區		第三區		第四區		第五區	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
合計	2,100,000	90,000	1,000,000	35,000	1,000,000	55,000	55,000	1,000,000	30,000	55,000	1,000,000	30,000
大豆	14,000	44,100	810	607	60	57	40,810	1,100	1,100	40,810	1,100	40,810
綠豆	6,000	2,000	30	30	30	30	5,970	1,970	30	5,970	1,970	30
紅豆	6,000	1,800	30	30	30	30	5,970	1,770	30	5,970	1,770	30
其他豆類	21,470	65,210	1,000	270	700	700	20,770	1,000	1,000	20,770	1,000	1,000
高粱	18,750	58,845	700	230	400	400	18,050	1,075	1,075	18,050	1,075	1,075
小麥	23,350	71,050	800	100	400	400	22,550	1,050	1,050	22,550	1,050	1,050
燕麥	9,810	2,770	10	10	10	10	9,800	2,760	10	9,800	2,760	10
粟	8,800	2,680	27	27	27	27	8,773	2,653	27	8,773	2,653	27
水稻	1,200	3,700	287	127	900	900	1,200	1,200	1,200	1,200	1,200	1,200
其他	6,000	150	150	150	150	150	5,850	150	150	5,850	150	150
雜糧	1,800	5,545	60	60	90	90	1,740	5,485	60	1,740	5,485	60
其他	7,700	23,470	170	170	100	100	7,530	1,000	1,000	7,530	1,000	1,000
其他	6,700	2,810	100	100	100	100	6,600	2,710	100	6,600	2,710	100
特用作物	2,400	7,800	80	80	40	40	2,320	7,720	80	2,320	7,720	80
大麻	1,010	300	10	10	10	10	1,000	290	10	1,000	290	10
苧麻	1,390	1,620	10	10	10	10	1,380	1,610	10	1,380	1,610	10
苧麻(種子)	1,110	340	10	10	10	10	1,100	330	10	1,100	330	10
棉花(美國種)	107	107	107	107	107	107	107	107	107	107	107	107
棉花(本地種)	114	440	114	440	114	440	114	440	114	114	440	114
煙草(美國種)	107	107	107	107	107	107	107	107	107	107	107	107
煙草(本地種)	114	440	114	440	114	440	114	440	114	114	440	114
亞麻	107	107	107	107	107	107	107	107	107	107	107	107
亞麻(種子)	114	440	114	440	114	440	114	440	114	114	440	114
大麻	107	107	107	107	107	107	107	107	107	107	107	107
大麻(種子)	114	440	114	440	114	440	114	440	114	114	440	114
花生	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
花生(種子)	1,000	3,700	1,000	3,700	1,000	3,700	1,000	3,700	1,000	1,000	3,700	1,000
其他	1,000	470	1,000	470	1,000	470	1,000	470	1,000	1,000	470	1,000
其他作物	1,000	10,000	10	10	10	10	990	9,990	10	990	9,990	10
其他	1,000	34	1,000	34	1,000	34	1,000	34	1,000	1,000	34	1,000
其他	1,000	6,966	10	10	10	10	990	6,956	10	990	6,956	10
其他	1,000	4,440	10	10	10	10	990	4,430	10	990	4,430	10
其他	1,000	36	1,000	36	1,000	36	1,000	36	1,000	1,000	36	1,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

An-tung City

STAT

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

		1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930		1929		1928		1927		1926		1925						
		Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)	Area (ha)	Yield (MT)					
合計		16,200	28,000	16,100	27,500	16,000	27,000	15,900	26,500	15,800	26,000	15,700	25,500	15,600	25,000	15,500	24,500	15,400	24,000	15,300	23,500	15,200	23,000	15,100	22,500	15,000	22,000	14,900	21,500	14,800	21,000	14,700	20,500	14,600	20,000	14,500	19,500			
大豆		1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	1,070	1,110	
高粱		310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310
水稻		140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	
玉米		1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	1,270	
小麦		382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382
其他		4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	4,550	
合計		7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	7,511	

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Hsien		Total		Yield (MT)	
Area	Acreage	Area	Acreage	Area	Yield
Principal Crops					
大豆 (Soybeans)	12,000	12,000	12,000	12,000	12,000
綠豆 (Green beans)	1,000	1,000	1,000	1,000	1,000
紅豆 (Red beans)	1,000	1,000	1,000	1,000	1,000
其他豆類 (Other beans)	1,000	1,000	1,000	1,000	1,000
高粱 (Kaoliang)	42,400	42,400	42,400	42,400	42,400
小麥 (Wheat)	8,000	8,000	8,000	8,000	8,000
大麥 (Barley)	8,000	8,000	8,000	8,000	8,000
燕麥 (Oats)	8,000	8,000	8,000	8,000	8,000
粟 (Millet)	8,000	8,000	8,000	8,000	8,000
黍 (Sawa millet)	8,000	8,000	8,000	8,000	8,000
其他 (Others)	8,000	8,000	8,000	8,000	8,000
Special Crops					
大麻 (Hemp)	8,000	8,000	8,000	8,000	8,000
苧麻 (Ramie)	8,000	8,000	8,000	8,000	8,000
其他 (Others)	8,000	8,000	8,000	8,000	8,000
Total					
總面積 (Total Area)	100,000	100,000	100,000	100,000	100,000
總產量 (Total Yield)					

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)

Feng-ch'eng

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal crops	10,000	9,500	10,000	9,500
Special crops	1,000	1,000	1,000	1,000
Others	1,000	1,000	1,000	1,000
Total	12,000	11,500	12,000	11,500

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and
and by Hsiens (For 1941)
Peng-chi-hu City

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	計	1941		1940		1939		1938		1937	
		面積	收穫	面積	收穫	面積	收穫	面積	收穫	面積	收穫
計	2,100.00	4,400	100,000	4,400	100,000	4,400	100,000	4,400	100,000	4,400	100,000
大豆	12	200.00	3,000	200.00	3,000	200.00	3,000	200.00	3,000	200.00	3,000
綠豆	13	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
紅豆	14	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他豆類	15	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
高粱	16	1,000.00	10,000	1,000.00	10,000	1,000.00	10,000	1,000.00	10,000	1,000.00	10,000
意大利粟	17	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
小麥	18	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
燕麥	19	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
粟	20	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
水稻	21	1,000.00	10,000	1,000.00	10,000	1,000.00	10,000	1,000.00	10,000	1,000.00	10,000
旱稻	22	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他雜糧	23	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
洋棉	24	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
土棉	25	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
煙草	26	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
亞麻	27	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
苧麻	28	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他特種作物	29	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	30	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	31	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	32	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	33	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	34	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	35	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	36	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	37	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	38	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	39	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	40	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	41	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	42	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	43	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	44	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	45	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	46	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	47	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	48	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	49	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000
其他	50	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000	100.00	1,000

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crop and by Hsiens (For 1941)

Peng-shi

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage damaged (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name		Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
Chinese	English	Actual	Damaged	Total	Yield	Yield	Yield
Principal Crops (13)							
大豆	Soybeans	11,000	400	11,400	11,000	11,000	11,000
綠豆	Green beans	1,000	0	1,000	1,000	1,000	1,000
紅豆	Red beans	1,000	0	1,000	1,000	1,000	1,000
其他豆類	Other beans	1,000	0	1,000	1,000	1,000	1,000
高粱	Kaoliang	14,000	0	14,000	14,000	14,000	14,000
小麥	Wheat	10,000	0	10,000	10,000	10,000	10,000
玉米	Maize	1,000	0	1,000	1,000	1,000	1,000
粟	Millet	1,000	0	1,000	1,000	1,000	1,000
燕麥	Oats	1,000	0	1,000	1,000	1,000	1,000
水稻	Rice	1,000	0	1,000	1,000	1,000	1,000
其他雜糧	Other grains	1,000	0	1,000	1,000	1,000	1,000
Special Crops (29)							
大麻	Ramie	1,000	0	1,000	1,000	1,000	1,000
苧麻	Ramie	1,000	0	1,000	1,000	1,000	1,000
芝麻	Sesame	1,000	0	1,000	1,000	1,000	1,000
花生	Peanuts	1,000	0	1,000	1,000	1,000	1,000
其他特種作物	Other special crops	1,000	0	1,000	1,000	1,000	1,000
Other Crops (46)							
水果	Fruits	1,000	0	1,000	1,000	1,000	1,000
蔬菜	Vegetables	1,000	0	1,000	1,000	1,000	1,000
其他	Others	1,000	0	1,000	1,000	1,000	1,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Area
and by Hsiens (for 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop		Area (ha)	Yield (kg/ha)	Total Yield (MT)
Total		100,000	24,000	2,400,000
Principal crops		85,000	20,000	1,700,000
Soybeans		10,000	1,500	150,000
Red beans		5,000	750	375,000
Green beans		5,000	750	375,000
Other kinds of beans		5,000	750	375,000
Kaoliang		10,000	1,500	150,000
Italian Millet		10,000	1,500	150,000
Maize		10,000	1,500	150,000
Wheat		10,000	1,500	150,000
Rice (irrigated)		10,000	1,500	150,000
Rice (unirrigated)		10,000	1,500	150,000
Barley		10,000	1,500	150,000
Oats		10,000	1,500	150,000
Millet		10,000	1,500	150,000
Sawa millet		10,000	1,500	150,000
Buckwheat		10,000	1,500	150,000
Special crops		10,000	1,500	150,000
Ramie for fiber		10,000	1,500	150,000
Ramie for seeds		10,000	1,500	150,000
Perilla seeds		10,000	1,500	150,000
Cotton (imported)		10,000	1,500	150,000
Cotton (native)		10,000	1,500	150,000
Tobacco (US)		10,000	1,500	150,000
Tobacco (native)		10,000	1,500	150,000
Abutilon hemp		10,000	1,500	150,000
Hemp		10,000	1,500	150,000
Flax		10,000	1,500	150,000
Castor-oil seeds		10,000	1,500	150,000
Sesame seeds		10,000	1,500	150,000
Peanuts		10,000	1,500	150,000
Sugar beets		10,000	1,500	150,000
Melon seeds		10,000	1,500	150,000
Others		10,000	1,500	150,000
Fruits		10,000	1,500	150,000
Potatoes		10,000	1,500	150,000
Fresh vegetables		10,000	1,500	150,000
Ruusan		10,000	1,500	150,000

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (for 1941)

Chuang-h
總計

1. Percentage by various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red Beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rusan

作物名稱	總計		灌溉		非灌溉		其他	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
總計	2100.00	100,700	100	100	100	100	100	100
小計	3	101,000						
大豆	18.40	24,700						
綠豆	3.10	6,800						
其他豆類	0.52	830						
高粱	18.77	10,740						
意大利小麥	4.80	7,821						
小麥	40.81	73,041						
燕麥	0.50	7						
大麥	3.82	6,224						
粟	0.32	511						
其他	0.17	307						
水稻	2.40	3,901						
其他	3.82	6,072						
其他	1.31	2,070						
小計	39	6,000	100					
水稻	30.10	220						
燕麥	0.01	14						
其他	0.01	400	100	100	10	10	10	10
其他	0.02	24						
其他	0.30	474						
其他	0.07	107						
其他	0.12	180						
其他	0.02	30						
其他	0.02	44						
其他	2.80	4,000						
小計	66	15,170						
其他	87.00	187						
其他	1.00	4,000						
其他	1.00	6,000						

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield and by Helens (for 1941)

Hain-yen

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa Millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 39. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)
	Total	Damaged	Total	Damaged	
Principal crops, sub-total	48,000	10,000	1,200,000	200,000	25.0
Soybeans	10,000	2,000	200,000	40,000	20.0
Red beans	5,000	1,000	100,000	20,000	20.0
Green beans	5,000	1,000	100,000	20,000	20.0
Other kinds of beans	5,000	1,000	100,000	20,000	20.0
Kaoliang	10,000	2,000	200,000	40,000	20.0
Italian Millet	5,000	1,000	100,000	20,000	20.0
Maize	5,000	1,000	100,000	20,000	20.0
Wheat	5,000	1,000	100,000	20,000	20.0
Rice (irrigated)	10,000	2,000	200,000	40,000	20.0
Rice (unirrigated)	5,000	1,000	100,000	20,000	20.0
Barley	5,000	1,000	100,000	20,000	20.0
Oats	5,000	1,000	100,000	20,000	20.0
Millet	5,000	1,000	100,000	20,000	20.0
Sawa Millet	5,000	1,000	100,000	20,000	20.0
Buckwheat	5,000	1,000	100,000	20,000	20.0
Special crops, sub-total	10,000	2,000	200,000	40,000	20.0
Ramie for fiber	5,000	1,000	100,000	20,000	20.0
Ramie for seeds	5,000	1,000	100,000	20,000	20.0
Perilla seeds	5,000	1,000	100,000	20,000	20.0
Cotton, imported species	5,000	1,000	100,000	20,000	20.0
Cotton, native species	5,000	1,000	100,000	20,000	20.0
Tobacco, US species	5,000	1,000	100,000	20,000	20.0
Tobacco, native species	5,000	1,000	100,000	20,000	20.0
Abutilon hemp	5,000	1,000	100,000	20,000	20.0
Flax	5,000	1,000	100,000	20,000	20.0
Hemp	5,000	1,000	100,000	20,000	20.0
Castor-oil seeds	5,000	1,000	100,000	20,000	20.0
Sesame seeds	5,000	1,000	100,000	20,000	20.0
Peanuts	5,000	1,000	100,000	20,000	20.0
Sugar beets	5,000	1,000	100,000	20,000	20.0
Melon seeds	5,000	1,000	100,000	20,000	20.0
Other crops, sub-total	10,000	2,000	200,000	40,000	20.0
Fruits	5,000	1,000	100,000	20,000	20.0
Potatoes	5,000	1,000	100,000	20,000	20.0
Fresh vegetables	5,000	1,000	100,000	20,000	20.0
Ruusan	5,000	1,000	100,000	20,000	20.0

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Area Under Crops and Amount of Various Crops and by Hsien (for 1941)

Hsin-min

新 民 縣

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Area Under Crops (Hectares)		Yield (MT)		Percentage (%)	
	Total	Damaged	Total	Damaged	Total	Damaged
1. Percentage of various crops	100.00	100.00	100.00	100.00	100.00	100.00
2. Acreage under crops (hectares)	104,476	104,476	1,200	1,200	100.00	100.00
3. Damaged acreage with no yield						
4. Total damaged acreage (hectares)						
5. By drought (hectares)						
6. By floods (hectares)						
7. By others (hectares)						
8. Acreage harvested (hectares)	104,476	104,476	1,200	1,200	100.00	100.00
9. Yield per hectare (kg)			120	120		
10. Total yield (MT)			1,200	1,200		
11. Kinds of crops						
12. Total			1,200	1,200		
13. Principal crops, sub-total						
14. Soybeans						
15. Red beans						
16. Green beans						
17. Other kinds of beans						
18. Kaoliang						
19. Italian Millet						
20. Maize						
21. Wheat						
22. Rice (irrigated)						
23. Rice (unirrigated)						
24. Barley						
25. Oats						
26. Millet						
27. Sawa millet						
28. Buckwheat						
29. Special crops, sub-total						
30. Ramie for fiber						
31. Ramie for seeds						
32. Perilla seeds						
33. Cotton, imported species						
34. Cotton, native species						
35. Tobacco, US species						
36. Tobacco, native species						
37. Abutilon hemp						
38. Flax						
39. Hemp						
40. Castor-oil seeds						
41. Sesame seeds						
42. Peanuts						
43. Sugar beets						
44. Melon seeds						
45. Others						
46. Other crops, sub-total						
47. Fruits						
48. Potatoes						
49. Fresh vegetables						
50. Ruusan						

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Chia-chou City

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name (Chinese)	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
大豆 (Soybeans)	1,200	1,100	1,200	1,100
綠豆 (Green beans)	500	450	500	450
紅豆 (Red beans)	300	280	300	280
其他豆類 (Other beans)	200	180	200	180
高粱 (Kaoliang)	4,000	3,800	4,000	3,800
粟 (Italian millet)	1,100	1,000	1,100	1,000
玉米 (Maize)	1,000	900	1,000	900
小麥 (Wheat)	1,000	900	1,000	900
燕麥 (Oats)	1,000	900	1,000	900
其他穀類 (Other grains)	1,000	900	1,000	900
水稻 (Rice)	1,000	900	1,000	900
小計 (Principal crops sub-total)	12,000	11,000	12,000	11,000
其他作物 (Special crops)	1,000	900	1,000	900
小計 (Other crops sub-total)	1,000	900	1,000	900
總計 (Total)	13,000	11,900	13,000	11,900

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)
Chin

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield.
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red Beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa Millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (hectares)		Yield (kg)		Total Yield (MT)	
	Actual	Damaged	Actual	Damaged	Actual	Damaged
Principal Crops	118,800	2,200	1,200	1,200	118,800	2,200
Soybeans	47,400	1,000	1,200	1,200	47,400	1,000
Red Beans	1,000	100	1,000	100	1,000	100
Green beans	1,000	100	1,000	100	1,000	100
Other beans	1,000	100	1,000	100	1,000	100
Kaoliang	17,100	100	1,000	100	17,100	100
Italian Millet	1,000	100	1,000	100	1,000	100
Maize	1,000	100	1,000	100	1,000	100
Wheat	1,000	100	1,000	100	1,000	100
Rice	1,000	100	1,000	100	1,000	100
Barley	1,000	100	1,000	100	1,000	100
Oats	1,000	100	1,000	100	1,000	100
Millet	1,000	100	1,000	100	1,000	100
Sawa Millet	1,000	100	1,000	100	1,000	100
Buckwheat	1,000	100	1,000	100	1,000	100
Special Crops	1,000	100	1,000	100	1,000	100
Ramie	1,000	100	1,000	100	1,000	100
Perilla	1,000	100	1,000	100	1,000	100
Cotton	1,000	100	1,000	100	1,000	100
Tobacco	1,000	100	1,000	100	1,000	100
Abutilon hemp	1,000	100	1,000	100	1,000	100
Flax	1,000	100	1,000	100	1,000	100
Hemp	1,000	100	1,000	100	1,000	100
Castor oil	1,000	100	1,000	100	1,000	100
Sesame	1,000	100	1,000	100	1,000	100
Peanuts	1,000	100	1,000	100	1,000	100
Sugar beets	1,000	100	1,000	100	1,000	100
Melon seeds	1,000	100	1,000	100	1,000	100
Others	1,000	100	1,000	100	1,000	100
Other crops	1,000	100	1,000	100	1,000	100
Fruits	1,000	100	1,000	100	1,000	100
Potatoes	1,000	100	1,000	100	1,000	100
Fresh vegetables	1,000	100	1,000	100	1,000	100
Ruusan	1,000	100	1,000	100	1,000	100

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by District
 And by Hsiens (For 1941)
 Pei-chen

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa Millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name	Acreage (Hectares)		Yield (MT)	
	Total	Damaged	Total	Yield per Hectare
1. Total damaged acreage	1,000			
2. Total acreage under crops	12,000			
3. Total yield			43,500	
4. Principal crops sub-total				
5. Soybeans				
6. Red beans				
7. Green beans				
8. Other kinds of beans				
9. Kaoliang				
10. Italian Millet				
11. Maize				
12. Wheat				
13. Rice (irrigated)				
14. Rice (unirrigated)				
15. Barley				
16. Oats				
17. Millet				
18. Sawa Millet				
19. Buckwheat				
20. Special crops sub-total				
21. Ramie for fiber				
22. Ramie for seeds				
23. Perilla seeds				
24. Cotton, imported species				
25. Cotton, native species				
26. Tobacco, US species				
27. Tobacco, native species				
28. Abutilon hemp				
29. Flax				
30. Hemp				
31. Castor oil seeds				
32. Sesame seeds				
33. Peanuts				
34. Sugar beets				
35. Melon seeds				
36. Others				
37. Other crops sub-total				
38. Fruits				
39. Potatoes				
40. Fresh vegetables				
41. Ruusan				

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Group and by Hsiens (for 1941)

T'ai-an

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa Millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物種類	面積 (公頃)		收穫量 (公噸)		單位收穫量 (公噸/公頃)	
	總面積	受損面積	總收穫量	受損面積	總收穫量	單位收穫量
合計	2,100.00	10,000.00	...	...	...	...
1. 豆類
2. 高粱
3. 稻
4. 小麥
5. 燕麥
6. 粟
7. 蕎麥
8. 大麻
9. 苧麻
10. 棉花
11. 煙草
12. 其他

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (1941)

Pian-shan

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon Hemp 38. Flax
39. Hemp 40. Castor oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Peanuts
49. Fresh vegetables
50. Ruusan

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal crops (Total)	100,000	95,000	1,000,000	950,000	10,000	9,500
Soybeans	10,000	9,500	100,000	95,000	10,000	9,500
Red beans	5,000	4,500	50,000	45,000	10,000	9,500
Green beans	5,000	4,500	50,000	45,000	10,000	9,500
Other kinds of beans	5,000	4,500	50,000	45,000	10,000	9,500
Kaoliang	15,000	14,500	150,000	145,000	10,000	9,500
Italian Millet	10,000	9,500	100,000	95,000	10,000	9,500
Maize	10,000	9,500	100,000	95,000	10,000	9,500
Wheat	10,000	9,500	100,000	95,000	10,000	9,500
Rice (irrigated)	10,000	9,500	100,000	95,000	10,000	9,500
Rice (unirrigated)	10,000	9,500	100,000	95,000	10,000	9,500
Barley	10,000	9,500	100,000	95,000	10,000	9,500
Oats	10,000	9,500	100,000	95,000	10,000	9,500
Millet	10,000	9,500	100,000	95,000	10,000	9,500
Sawa millet	10,000	9,500	100,000	95,000	10,000	9,500
Buckwheat	10,000	9,500	100,000	95,000	10,000	9,500
Special crops (Total)	10,000	9,500	100,000	95,000	10,000	9,500
Ramie for fiber	5,000	4,500	50,000	45,000	10,000	9,500
Ramie for seeds	5,000	4,500	50,000	45,000	10,000	9,500
Perilla seeds	5,000	4,500	50,000	45,000	10,000	9,500
Cotton, imported species	5,000	4,500	50,000	45,000	10,000	9,500
Cotton, native species	5,000	4,500	50,000	45,000	10,000	9,500
Tobacco, US species	5,000	4,500	50,000	45,000	10,000	9,500
Tobacco, native species	5,000	4,500	50,000	45,000	10,000	9,500
Abutilon Hemp	5,000	4,500	50,000	45,000	10,000	9,500
Hemp	5,000	4,500	50,000	45,000	10,000	9,500
Castor oil seeds	5,000	4,500	50,000	45,000	10,000	9,500
Sesame seeds	5,000	4,500	50,000	45,000	10,000	9,500
Peanuts	5,000	4,500	50,000	45,000	10,000	9,500
Sugar beets	5,000	4,500	50,000	45,000	10,000	9,500
Melon seeds	5,000	4,500	50,000	45,000	10,000	9,500
Others	5,000	4,500	50,000	45,000	10,000	9,500
Other crops (Total)	10,000	9,500	100,000	95,000	10,000	9,500
Fruits	5,000	4,500	50,000	45,000	10,000	9,500
Peanuts	5,000	4,500	50,000	45,000	10,000	9,500
Fresh vegetables	5,000	4,500	50,000	45,000	10,000	9,500
Ruusan	5,000	4,500	50,000	45,000	10,000	9,500

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Sui-chun

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage Harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian Millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

作物別		面積		收穫量		平均收穫量	
種類	單位	面積	收穫量	面積	收穫量	面積	收穫量
合計	公頃	2,100.00	8,800.00	2,100.00	8,800.00	2,100.00	8,800.00
損傷面積	公頃	13.00	0.00	13.00	0.00	13.00	0.00
合計	公頃	2,087.00	8,800.00	2,087.00	8,800.00	2,087.00	8,800.00
大豆	公頃	18.97	11,000.00	18.97	11,000.00	18.97	11,000.00
綠豆	公頃	0.87	400.00	0.87	400.00	0.87	400.00
紅豆	公頃	1.23	970.00	1.23	970.00	1.23	970.00
其他豆類	公頃	0.00	0.00	0.00	0.00	0.00	0.00
高粱	公頃	41.00	38,300.00	41.00	38,300.00	41.00	38,300.00
小麥	公頃	14.70	12,741.00	14.70	12,741.00	14.70	12,741.00
燕麥	公頃	20.74	17,000.00	20.74	17,000.00	20.74	17,000.00
水稻	公頃	0.51	430.00	0.51	430.00	0.51	430.00
其他穀類	公頃	0.01	0.00	0.01	0.00	0.01	0.00
雜糧	公頃	0.00	737.00	0.00	737.00	0.00	737.00
其他	公頃	0.10	140.00	0.10	140.00	0.10	140.00
其他	公頃	0.04	0.00	0.04	0.00	0.04	0.00
合計	公頃	29.99	1,700.00	29.99	1,700.00	29.99	1,700.00
其他	公頃	0.07	0.00	0.07	0.00	0.07	0.00
其他	公頃	0.03	0.00	0.03	0.00	0.03	0.00
其他	公頃	0.00	250.00	0.00	250.00	0.00	250.00
其他	公頃	0.04	34.00	0.04	34.00	0.04	34.00
其他	公頃	0.03	0.00	0.03	0.00	0.03	0.00
其他	公頃	0.00	0.00	0.00	0.00	0.00	0.00
其他	公頃	0.00	0.00	0.00	0.00	0.00	0.00
其他	公頃	0.01	0.00	0.01	0.00	0.01	0.00
其他	公頃	0.04	0.00	0.04	0.00	0.04	0.00
合計	公頃	0.77	0.00	0.77	0.00	0.77	0.00
其他	公頃	0.10	0.00	0.10	0.00	0.10	0.00
其他	公頃	0.00	0.00	0.00	0.00	0.00	0.00
合計	公頃	0.10	0.00	0.10	0.00	0.10	0.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Special Crops
and Hsiens (for 1941)

Hsing-ch'en

Category	Sub-category	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7	Value 8
1.	Percentage of various crops								
2.	Acreage under crops (hectares)								
3.	Damaged acreage with no yield								
4.	Total damaged acreage (hectares)								
5.	By drought (hectares)								
6.	By floods (hectares)								
7.	By others (hectares)								
8.	Acreage harvested (hectares)								
9.	Yield per hectare (kg)								
10.	Total yield (MT)								
11.	Kinds of crops								
12.	Total								
13.	Principal crops, sub-total								
14.	Soybeans								
15.	Red beans								
16.	Green beans								
17.	Other kinds of beans								
18.	Kaoliang								
19.	Italian Millet								
20.	Maize								
21.	Wheat								
22.	Rice (irrigated)								
23.	Rice (unirrigated)								
24.	Barley								
25.	Oats								
26.	Millet								
27.	Sawa Millet								
28.	Buckwheat								
29.	Special crops, sub-total								
30.	Ramie for fiber								
31.	Ramie for seeds								
32.	Perilla seeds								
33.	Cotton, imported species								
34.	Cotton, native species								
35.	Tobacco, US species								
36.	Tobacco, native species								
37.	Abutilon hemp								
38.	Flax								
39.	Hemp								
40.	Castor-oil seeds								
41.	Sesame seeds								
42.	Peanuts								
43.	Sugar beets								
44.	Melon seeds								
45.	Others								
46.	Other crops, sub-total								
47.	Fruits								
48.	Potatoes								
49.	Fresh vegetables								
50.	Ruusan								

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa Millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Crops Harvested and by Hsien (for 1941)

Chi-hsi

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage (hectares)
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
31. Sesame Seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name	Acreage (hectares)		Yield (kg)		Total Yield (MT)	
	Actual	Damaged	Per Hectare	Total	Actual	Damaged
Total	24,000	1,500				
Principal crops	22,500	1,400				
Rice (irrigated)	10,000	500	3,000	30,000	29,500	
Rice (unirrigated)	12,000	400	2,000	24,000	23,600	
Barley	1,000	100	1,000	1,000	900	
Maize	1,000	100	1,000	1,000	900	
Wheat	1,000	100	1,000	1,000	900	
Millet	1,000	100	1,000	1,000	900	
Soya beans	1,000	100	1,000	1,000	900	
Other beans	1,000	100	1,000	1,000	900	
Special crops	1,500	100				
Others	1,000	100				

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

I

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Crop Name	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal crops sub-total	2,400.00	116,000	100,000	116,000
Soybeans	12.00	14,970	14,970	14,970
Red beans	0.04	710	710	710
Green beans	0.04	700	700	700
Other beans	0.04	604	604	604
Kaoliang	47.77	63,100	63,100	63,100
Italian millet	18.00	18,000	18,000	18,000
Maize	2.00	2,000	2,000	2,000
Wheat	4.25	4,753	4,753	4,753
Rice (irrigated)	0.00	200	200	200
Rice (unirrigated)	18.00	18,000	18,000	18,000
Barley	0.00	0	0	0
Oats	0.00	0	0	0
Millet	0.00	0	0	0
Sawa millet	0.00	0	0	0
Buckwheat	0.00	0	0	0
Special crops sub-total	0.00	0	0	0
Ramie for fiber	0.01	0	0	0
Ramie for seeds	11.78	13,107	13,107	13,107
Perilla seeds	0.11	110	110	110
Cotton (imported)	0.04	40	40	40
Cotton (native)	0.00	0	0	0
Tobacco (US)	0.00	0	0	0
Tobacco (native)	0.11	100	100	100
Abutilon hemp	0.00	0	0	0
Flax	0.00	0	0	0
Hemp	0.00	0	0	0
Castor-oil seeds	0.00	0	0	0
Sesame seeds	0.00	0	0	0
Peanuts	0.00	0	0	0
Sugar beets	0.00	0	0	0
Melon seeds	0.00	0	0	0
Others	0.00	0	0	0
Other crops sub-total	0.00	0	0	0
Fruits	0.00	0	0	0
Potatoes	0.00	0	0	0
Fresh vegetables	0.00	0	0	0
Ruusan	0.00	0	0	0

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Russian

Acres Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Tsunet Wen
鐵嶺縣農產

作物名稱	面積 (公頃)		收穫量 (公担)		產量 (公担)		產值 (元)	
	總計	已收穫	總計	已收穫	總計	已收穫	總計	已收穫
合計	119,000	100,000	800	800	800,000	800,000	800,000	800,000
大豆	30,000	28,000	200	200	10,000	10,000	10,000	10,000
綠豆	1,000	1,000	10	10	2,000	2,000	2,000	2,000
紅豆	1,000	1,000	10	10	2,000	2,000	2,000	2,000
高粱	30,000	28,000	40,000	40,000	40,000	40,000	40,000	40,000
小麥	30,000	28,000	300	300	1,000	1,000	1,000	1,000
燕麥	30,000	28,000	300	300	1,000	1,000	1,000	1,000
粟	30,000	28,000	300	300	1,000	1,000	1,000	1,000
水稻	30,000	28,000	300	300	1,000	1,000	1,000	1,000
其他	30,000	28,000	300	300	1,000	1,000	1,000	1,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Table 10

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 39. Castor-oil seed
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name	Acreage (hectares)		Yield (kg)		Total Yield (MT)	
	Actual	Damaged	Actual	Damaged	Actual	Damaged
Total	148,000	148,000	...	...	...	...
Principal crops, sub-total
Soybeans
Red beans
Green beans
Other kinds of beans
Kaoliang
Italian millet
Maize
Wheat
Rice (irrigated)
Rice (unirrigated)
Barley
Oats
Millet
Sawa millet
Buckwheat
Special crops, sub-total
Ramie for fiber
Ramie for seeds
Perilla seeds
Cotton, imported species
Cotton, native species
Tobacco, US species
Tobacco, native species
Abutilon hemp
Flax
Hemp
Castor-oil seed
Sesame seeds
Peanuts
Sugar beets
Melon seeds
Others
Other crops, sub-total
Fruits
Potatoes
Fresh vegetables
Ruusan

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Ch'eng-to

作物	1941		1940		1939		1938		1937		1936	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	2,106.00	75,415	2,100	800	1,110	897	16,200
主要作物	1,840	65,000	1,800	600	1,010	810	16,200
大豆	12.05	8,000	570	120	430	20	2,410	650	800	6,700
綠豆	0.80	440	20	10	10	...	620	700	700	...	...
黃豆	0.30	280	10	3	7	...	570	600	700	...	...
其他豆類	1.41	1,020	31	17	15	...	800	600	600	...	...
高粱	30.00	20,000	40	170	210	100	25,700	1,100	1,100	25,000
小麥	37.10	20,000	80	210	280	100	25,700	800	800	25,000
燕麥	1.35	800	9	3	0	...	970	1,000	1,000	...	...
綠豆	0.12	80	5	5	...	...	91	710	740	...	...
紅豆	1.00	1,400	100	30	10	...	1,300	1,300	1,410	1,600
其他豆類	0.12	85	...	...	...	...	30	800	810	...	...
其他豆類	0.01	9	...	...	...	...	9	450	450	...	...
高粱	1.12	817	17	10	7	...	800	870	880	710
燕麥	0.01	4	...	...	...	...	4	300	300	...	...
其他豆類	1.00	1,077	3	1,074	840	850	880
其他作物	2.00	2,172	220	70	80	60	1,840	...	...	...	...
大麻	0.04	31	5	30	400	400	14
苧麻	0.05	22	1	1	...	...	21	400	400	...	...
其他	0.07	40	4	4	...	...	44	540	500	...	...
其他	0.00	400	0	20	30	20	310	700	970	...	...
其他	0.14	100	10	7	10	3	70	840	1,000	...	...
其他	0.14	104	7	7	97	700	800	70
其他	0.02	10	...	...	...	...	10	800	800	...	...
其他	0.03	300	30	30	...	...	270	800	800	...	...
其他	0.07	100	5	...	...	...	100	400	400	...	...
其他	0.00	800	1	1	...	...	800	1,000	1,000	...	...
其他	1.01	100	0	30	20	...	800	...	...	...	...
其他	2.10	1,800	80	...	...	...	1,800	...	...	...	...
其他	0.07	807	17	...	...	...	800	...	...	...	...
其他	0.10	81	...	...	...	...	81	7,000	7,000	...	...
其他	1.70	1,000	...	...	...	...	1,000	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsiens (For 1941)

Hsing-lung

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Ke-liang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

		2		3		4		5		6		7		8		9		10		11		12	
		100	1000	10000	100000	1000000	10000000	100000000	1000000000	10000000000	100000000000	1000000000000	10000000000000	100000000000000	1000000000000000	10000000000000000	100000000000000000	1000000000000000000	10000000000000000000	100000000000000000000	1000000000000000000000	10000000000000000000000	100000000000000000000000
合計		200.00	21,000						87,000														
普通作物		140.00	14,000						50,000	1,500	1,500	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
大小	合計	140.00	14,000	3,274					5,154	871	871	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518	2,518
大小	大豆	1.00	100	320					300	501	501	140	140										
大小	赤豆	0.90	90	157					153	271	271	87	87										
大小	綠豆	1.00	100	405					405	540	540	135	135										
大小	高粱	1.90	1,900	4,015					4,015	1,167	1,167	5,700	5,700										
大小	粟	18.00	18,000	5,828					5,800	1,077	1,077	8,000	8,000										
大小	玉米	42.10	42,100	13,000					13,000	1,843	1,843	21,517	21,517										
大小	小麥	0.80	800	1					1	700	700	100	100										
大小	燕麥	0.80	800	280					280	545	545	100	100										
大小	大麦	0.01	10	3					3	850	850	10	10										
大小	雜糧	1.10	1,100	550					550	812	812	601	601										
大小	其他	0.11	110	80					80	450	450	30	30										
大小	其他	3.00	3,000	882					882	581	581	882	882										
特殊作物		60.00	6,000						37,000														
大小	合計	1.00	1,000	881					881														
大小	大麻(纖維用)	30.00	3,000	15					15	540	540	10	10										
大小	大麻(種子)	0.00	0	8					8	400	400	10	10										
大小	棉花	0.14	1,400	45					45	500	500	25	25										
大小	棉花(種子)	0.23	2,300	70					70	300	300	27	27										
大小	胡麻	0.06	600	20					20	600	600	10	10										
大小	棉(青麻)	0.11	1,100	34					34	600	600	10	10										
大小	亞(青麻)	0.00	0	12					12	400	400	10	10										
大小	煙草(大麻子)	0.74	7,400	210					210	400	400	110	110										
大小	其他	0.01	100	1					1	520	520	10	10										
大小	其他	0.01	100	80					80	1,200	1,200	80	80										
大小	其他																						
其他作物		46.00	4,600						20,000														
大小	合計	46.00	4,600	800					800														
大小	其他	0.00	0	310					310	4,300	4,300	1,000	1,000										
大小	其他	0.00	0	310					310	4,300	4,300	1,000	1,000										

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Maoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Russian

Acreage Under Crops and Amount of Yield in Manchuria and by Hsiens (For 1941)

Crop	Unit	Acreage		Yield		Total Yield	
		1941	1940	kg/ha	MT	kg/ha	MT
Principal crops	Small	1,000,000	97,000	900	900,000	900	900,000
Soybeans	Small	4,500	1,030	10	1,030	10	1,030
Red beans	Small	3,100	910	10	910	10	910
Green beans	Small	3,100	1,100	10	1,100	10	1,100
Other kinds of beans	Small	1,900	820	10	820	10	820
Maoliang	Small	16,200	8,810	10	8,810	10	8,810
Italian Millet	Small	42,000	10,000	10	10,000	10	10,000
Maize	Small	8,200	2,870	10	2,870	10	2,870
Wheat	Small	1,200	400	10	400	10	400
Other kinds of wheat	Small	1,800	800	10	800	10	800
Rice (irrigated)	Small	0.10	40	10	40	10	40
Rice (unirrigated)	Small	6.10	1,020	10	1,020	10	1,020
Barley	Small	1,900	800	10	800	10	800
Millet	Small	1,900	800	10	800	10	800
Buckwheat	Small	1,900	800	10	800	10	800
Special crops	Small	1,900	800	10	800	10	800
Ramie for fiber	Small	0.10	40	10	40	10	40
Ramie for seeds	Small	0.10	40	10	40	10	40
Perilla seeds	Small	0.10	40	10	40	10	40
Cotton, imported species	Small	0.10	40	10	40	10	40
Cotton, native species	Small	0.10	40	10	40	10	40
Tobacco, US species	Small	0.10	40	10	40	10	40
Tobacco, native species	Small	0.10	40	10	40	10	40
Abutilon hemp	Small	0.10	40	10	40	10	40
Flax	Small	0.10	40	10	40	10	40
Hemp	Small	0.10	40	10	40	10	40
Castor-oil seeds	Small	0.10	40	10	40	10	40
Sesame seeds	Small	0.10	40	10	40	10	40
Peanuts	Small	0.10	40	10	40	10	40
Melon seeds	Small	0.10	40	10	40	10	40
Other crops	Small	0.10	40	10	40	10	40
Fruits	Small	0.10	40	10	40	10	40
Potatoes	Small	0.10	40	10	40	10	40
Fresh vegetables	Small	0.10	40	10	40	10	40
Russian	Small	0.10	40	10	40	10	40

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Harvest and by Seasons (for 1941) Feng-ying

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian Millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name (English)	1941		1940		1939		1938		1937		Total	Yield per Hectare (kg)	Total Yield (MT)
	Acreage (Ha)	Yield (MT)	Acreage (Ha)	Yield (MT)	Acreage (Ha)	Yield (MT)	Acreage (Ha)	Yield (MT)	Acreage (Ha)	Yield (MT)			
Principal crops	106,000	300,000	90,000	250,000	80,000	220,000	70,000	190,000	60,000	160,000	500,000	200	100,000
大豆 (Soybeans)	84,000	178,170	70,000	140,000	60,000	120,000	50,000	100,000	40,000	80,000	1,200	480,000	
小豆 (Red beans)	2,000	4,000	1,500	3,000	1,200	2,400	800	1,600	500	1,000	2,000	4,000	
綠豆 (Green beans)	1,000	2,000	800	1,600	600	1,200	400	800	300	600	2,000	4,000	
花生 (Peanuts)	14,000	28,000	12,000	24,000	10,000	20,000	8,000	16,000	3,000	6,000	1,500	4,500	
高粱 (Kaoliang)	21,000	41,100	20,000	40,000	19,000	38,000	18,000	36,000	17,000	34,000	2,000	40,000	
意大利米 (Italian Millet)	3,110	6,220	2,800	5,600	2,500	5,000	2,200	4,400	2,000	4,000	2,000	4,000	
小麦 (Wheat)	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	
水稻 (Rice)	0,130	2,600	0,100	2,000	0,080	1,600	0,060	1,200	0,050	1,000	2,000	4,000	
其他 (Others)	21,000	22,000	19,000	20,000	17,000	18,000	15,000	16,000	14,000	15,000	1,000	10,000	
Special crops	8,870	1,810	7,500	1,500	6,200	1,240	5,300	1,060	4,500	900	1,800	3,600	
大麻 (Hemp)	0,440	880	0,400	800	0,360	720	0,320	640	0,280	560	1,120	2,240	
苧麻 (Ramie)	0,100	2,000	0,080	1,600	0,060	1,200	0,040	800	0,030	600	2,000	4,000	
其他 (Others)	0,020	40	0,020	40	0,010	20	0,010	20	0,010	20	40	80	
棉花 (Cotton)	0,120	2,400	0,100	2,000	0,080	1,600	0,060	1,200	0,040	800	2,000	4,000	
烟草 (Tobacco)	0,080	1,600	0,060	1,200	0,040	800	0,030	600	0,020	400	1,000	2,000	
苧麻 (Hemp)	0,040	800	0,030	600	0,020	400	0,010	200	0,010	200	400	800	
大麻 (Hemp)	0,040	800	0,030	600	0,020	400	0,010	200	0,010	200	400	800	
其他 (Others)	0,040	800	0,030	600	0,020	400	0,010	200	0,010	200	400	800	
Total	114,870	318,170	97,500	265,000	86,200	232,000	75,300	206,000	64,500	175,000	500,000	200	100,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway. November 1942

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

lung-hua

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)
	Total	Harvested	Total	Harvested	
Total	2,000,000	81,200	820	200	2,463
Principal crops	1,810,000	68,000	710	170	2,414
Soybeans	1,100,000	40,000	400	100	2,500
Red beans	300,000	10,000	100	25	2,500
Green beans	200,000	7,000	70	17	2,353
Other beans	200,000	3,000	30	7	2,143
Kaoliang	1,000,000	35,000	350	87	2,471
Italian Millet	500,000	15,000	150	37	2,438
Maize	200,000	6,000	60	15	2,250
Wheat	100,000	3,000	30	7	2,143
Rice (irrigated)	100,000	3,000	30	7	2,143
Rice (unirrigated)	100,000	3,000	30	7	2,143
Barley	100,000	3,000	30	7	2,143
Oats	100,000	3,000	30	7	2,143
Millet	100,000	3,000	30	7	2,143
Sava millet	100,000	3,000	30	7	2,143
Buckwheat	100,000	3,000	30	7	2,143
Special crops	190,000	12,200	110	23	2,353
Ramie for fiber	100,000	6,000	60	15	2,250
Ramie for seeds	50,000	3,000	30	7	2,143
Perilla seeds	20,000	1,000	10	2	200
Cotton (imported)	10,000	500	5	1	100
Cotton (native)	10,000	500	5	1	100
Tobacco (US)	10,000	500	5	1	100
Tobacco (native)	10,000	500	5	1	100
Abutilon hemp	10,000	500	5	1	100
Flax	10,000	500	5	1	100
Castor-oil seeds	10,000	500	5	1	100
Sesame seeds	10,000	500	5	1	100
Peanuts	10,000	500	5	1	100
Sugar beets	10,000	500	5	1	100
Melon seeds	10,000	500	5	1	100
Other crops	10,000	500	5	1	100
Fruits	10,000	500	5	1	100
Potatoes	10,000	500	5	1	100
Fresh vegetables	10,000	500	5	1	100
Ruusan	10,000	500	5	1	100

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Wei-ch'ang

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Unit	Acreage		Yield	
		1941	1940	1941	1940
全部 (Total)	公頃	2,100,000	1,800,000	100,000,000	90,000,000
小計 (Sub-total)	公頃	1,800,000	1,600,000	80,000,000	70,000,000
大豆 (Soybeans)	公頃	1,200,000	1,100,000	40,000,000	35,000,000
綠豆 (Green beans)	公頃	100,000	100,000	3,000,000	2,500,000
其他豆類 (Other beans)	公頃	500,000	400,000	15,000,000	12,000,000
高粱 (Kaoliang)	公頃	300,000	300,000	10,000,000	9,000,000
意大利粟 (Italian millet)	公頃	100,000	100,000	3,000,000	2,500,000
玉米 (Maize)	公頃	100,000	100,000	3,000,000	2,500,000
小麥 (Wheat)	公頃	100,000	100,000	3,000,000	2,500,000
水稻 (Rice)	公頃	1,000,000	900,000	30,000,000	25,000,000
燕麥 (Oats)	公頃	100,000	100,000	3,000,000	2,500,000
粟 (Millet)	公頃	100,000	100,000	3,000,000	2,500,000
蕎麥 (Buckwheat)	公頃	100,000	100,000	3,000,000	2,500,000
其他作物 (Other crops)	公頃	100,000	100,000	3,000,000	2,500,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED
 Acreage Under Crops and Amount of Yield by
 and by Heiens. (For 1941)

Ongniot West

作物	1941		1940		1939		1938		1937	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	216,000	148,907	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
大豆	13	100,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
綠豆	1.24	3,272	240	140	80	80	80	80	80	80
紅豆	0.20	200	—	—	—	—	—	—	—	—
其他豆類	3.27	4,000	100	100	100	100	100	100	100	100
高粱	1.24	1,074	21	21	—	—	—	—	—	—
燕麥	24.27	42,001	207	207	—	—	—	—	—	—
小麥	38.36	58,818	818	818	—	—	—	—	—	—
其他小麥	0.30	442	—	—	—	—	—	—	—	—
水稻	3.07	4,000	—	—	—	—	—	—	—	—
其他水稻	0.22	22	10	10	—	—	—	—	—	—
大麥	0.20	724	—	—	—	—	—	—	—	—
其他大麥	1.24	3,700	—	—	—	—	—	—	—	—
其他	3.07	4,000	70	81	80	4,000	80	80	80	80
其他	4.78	7,000	220	100	170	6,700	410	424	424	424
特殊作物	29	4,000	—	—	—	—	—	—	—	—
大麻	0.20	800	97	82	80	800	400	800	800	800
苧麻	0.20	1,400	—	—	—	1,400	800	800	800	800
棉花	0.20	200	30	—	—	300	800	800	800	800
煙草	1.10	1,707	70	70	70	1,200	810	810	810	810
其他	0.20	2,000	811	101	900	2,000	—	—	—	—
其他作物	46	2,000	—	—	—	—	—	—	—	—
其他	47	—	—	—	—	—	—	—	—	—
其他	1.20	1,000	—	—	—	—	—	—	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield
and by Hsien (For 1941)
Onglied East

作物	1941		1940		1939		1938		1937	
	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量
合计	1,104,000	60,000	1,200,000	40,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
大豆	1,000,000	1,000	1,000,000	1,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
其他豆类	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
高粱	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
意大利小米	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
小麦	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
水稻	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
其他作物	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Aokhan

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

作物	面積 (公頃)		收穫量 (公噸)		收穫量 (公担)		收穫量 (公石)	
	總計	受損	總計	受損	總計	受損	總計	受損
合計	1,100.00	510.000	8,900	8,000	8,900	8,000	8,900	8,000
大豆	27.00	27.000	7,000	4,770	8,010	600	600	700
綠豆	3.30	20.400	1,500	1,000	500	10,000	500	11,000
紅豆	0.40	1,270	71	41	30	1,000	400	500
其他豆	0.90	1,400	60	30	30	1,370	400	570
高粱	22.07	81,600	2,201	220	1,370	50,000	700	40,000
玉米	20.47	20,400	2,010	1,707	200	24,070	700	20,710
小麥	0.00	0	0	0	0	0	0	0
其他小麥	0.14	300	40	40	207	1,200	1,400	200
水稻	8.00	14,000	300	100	101	14,201	600	8,000
其他水稻	4.50	10,000	410	201	107	8,000	600	5,000
其他	0.14	17,000	1,110	600	440	10,710	400	400
合計	1.00	4,000	600	300	300	8,000	600	8,000
其他	30.22	640	67	30	30	670	300	600
其他	0.90	1,100	40	10	30	1,100	300	600
其他	0.20	600	0	0	0	600	470	500
其他	0.30	840	80	80	80	781	370	610
其他	0.11	840	24	0	10	110	300	400
其他	0.40	900	100	100	100	700	...	...
其他	0.10	800	...	...	...	800	...	...
其他	0.10	800	...	...	...	800	...	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Province and by Hsiens (For 1941)

Kharchin West

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	1941		1940		1939		1938		1937		1936	
	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)
合計	2,000	100,000	1,800	90,000	1,600	80,000	1,400	70,000	1,200	60,000	1,000	50,000
大豆	1,000	50,000	900	45,000	800	40,000	700	35,000	600	30,000	500	25,000
綠豆	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
紅豆	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
其他豆類	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
高粱	200	10,000	200	10,000	200	10,000	200	10,000	200	10,000	200	10,000
意大利粟	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
玉米	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
小麥	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
燕麥	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
粟	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
水稻	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000
其他作物	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000	100	5,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941).
Kharchin Cent
蒙東省中蒙

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil-seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	1		2		3		4		5		6		7		8		9		10	
	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損
合計	248,800	171,500	2,800						8,700	100,000										
大豆	161,970	2,480							2,400	100,000	800	250	100,000							
綠豆	10,970	230							230	10,340	700	100	10,340							
紅豆	840	70							70	870	800	70	870							
其他豆	2,170	50							50	2,120	570	550	2,120							
高粱	400	80							80	320	800	870	320							
玉米	62,720	837							837	61,883	830	840	61,883							
小麥	14,080	970							970	13,110	740	740	13,110							
水稻	100	10							10	90	820	800	90							
綠豆	47									47	800	800	47							
水豆	260	50							50	210	1,020	1,070	210							
其他豆	4									4	440	440	4							
高粱	81									81	550	550	81							
玉米	680									680	560	350	350							
小麥	5,180	120							120	5,060	870	880	5,060							
水稻	17									17	480	480	17							
其他	4,230	30							30	4,200	480	480	4,200							
特用作物	4,200	880							880	4,380			4,380							
小計	4,200	880							880	4,380			4,380							
大豆	0.48	772	120						120	850	300	400	850							
綠豆	0.04	140								140	370	370	140							
紅豆	0.00	3								3	400	400	3							
其他豆	0.00	3								3	400	400	3							
高粱	0.02	40	0						0	38	480	500	38							
玉米	0.02	50								50	800	800	50							
小麥	0.18	270	10						10	260	800	800	260							
水稻	0.00	40	0						0	40	300	400	40							
其他	0.00	0								0	0	0	0							
大豆	0.01	30	3						3	27	370	400	27							
綠豆	0.01	20								20	400	400	20							
紅豆	0.00	0								0	1,200	1,200	0							
其他	1.83	2,807	240						240	2,567	3,200	3,200	2,567							
特用作物	4,200	880							880	4,380			4,380							
小計	4,200	880							880	4,380			4,380							
其他	0.04	60								60	1,100	1,100	60							
其他	0.01	1,000								1,000	6,700	6,700	1,000							
其他	0.00	0								0	0	0	0							
合計	248,800	171,500	2,800						8,700	100,000	800	250	100,000							

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

#40 Acreage Under Crops and Amount of Yield of Crops and by Helens (For 1941)
Kharchin East

Crop	Unit	Acreage (Hectares)		Yield (MT)	
		1941	1940	1941	1940
1. Total	計	12,188.00	208,000		
2. Damaged	計	34.11	208,000		
3. Principal crops	計	3,414.42	10,771	10,771	10,771
4. Soybeans	大豆	0.88	1,818	1,818	1,818
5. Red beans	紅豆	1.40	3,200	3,200	3,200
6. Green beans	綠豆	0.88	1,100	1,100	1,100
7. Other beans	其他豆類	33.74	78,230	78,230	78,230
8. Kaoliang	高粱	42.58	84,830	84,830	84,830
9. Italian millet	粟	1.00	2,237	2,237	2,237
10. Maize	玉米	0.03	50	50	50
11. Wheat	小麥	0.03	60	60	60
12. Rice	稻	0.02	42	42	42
13. Barley	大麥	0.03	50	50	50
14. Millet	雜糧	4.01	8,900	8,900	8,900
15. Buckwheat	蕎麥	1.38	3,000	3,000	3,000
16. Special crops	計	3.88	7,912	7,912	7,912
17. Ramie	苧麻	0.40	1,000	1,000	1,000
18. Perilla	芝麻	0.03	57	57	57
19. Cotton	棉花	0.02	30	30	30
20. Tobacco	煙草	1.63	3,633	3,633	3,633
21. Abutilon	大黃	0.00	102	102	102
22. Flax	亞麻	0.23	610	610	610
23. Hemp	大麻	0.11	230	230	230
24. Sesame	芝麻	0.00	100	100	100
25. Peanuts	花生	0.00	27	27	27
26. Melon	西瓜	0.00	1,010	1,010	1,010
27. Others	其他	0.00	1,000	1,000	1,000
28. Fruits	果類	0.00	1,000	1,000	1,000
29. Potatoes	薯類	0.00	100	100	100
30. Fresh vegetables	蔬菜	1.47	3,970	3,970	3,970

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Ch'ing-lung

STAT

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

作物		1	2	3			4	5	6	7	8	9
作物		1	2	3	4	5	6	7	8	9	10	11
總計		100.00	91,000				91,000					
小計		91.00	74,700				74,700	850	800			91,000
大豆		8.17	7,000				7,000	700	700			8,000
綠豆		1.00	1,000				1,000	700	700			1,700
其他豆類		1.00	810				810	800	800			1,610
高粱		0.73	800				800	800	800			2,400
綠豆		27.45	22,400				22,400	1,000	1,000			23,400
紅豆		42.00	34,800				34,800	800	800			35,600
其他豆類		4.00	4,000				4,000	1,000	1,000			5,000
小計		0.00	0				0	0	0			0
水稻		0.16	112				112	1,000	1,000			1,112
雜糧		0.26	204				204	800	800			1,004
大麻		0.01	11				11	400	400			411
雜糧		1.81	1,582				1,582	800	800			2,382
雜糧		0.31	233				233	800	800			1,033
雜糧		0.04	300				300	800	800			1,100
小計		2.78	2,040				2,040					2,040
大麻		0.06	72				72	800	800			1,572
雜糧		0.01	7				7	400	400			407
雜糧		0.30	311				311	800	800			1,111
雜糧		2.04	1,800				1,800	700	700			2,500
雜糧		0.89	700				700	800	800			1,300
雜糧		0.00	0				0	800	800			800
雜糧		0.00	71				71	700	700			1,471
雜糧		0.06	48				48	800	800			1,648
雜糧		0.04	30				30	800	800			1,630
雜糧		0.00	0				0	400	400			400
雜糧		0.00	70				70	1,100	1,100			1,170
小計		4.00	3,000				3,000					3,000
雜糧		1.00	1,000				1,000					1,000
雜糧		1.00	800				800					800
雜糧		1.00	1,000				1,000					1,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Lin-hsi

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Kusan

作物名稱	面積	面積		面積		面積		面積		面積		面積		面積		面積		面積	
		總計	受災	未受災	總計	受災	未受災	總計	受災	未受災	總計	受災	未受災	總計	受災	未受災	總計	受災	未受災
合計	100.00	97.56	2.44	97.56	97.56	0.00	97.56	97.56	0.00	97.56	97.56	0.00	97.56	97.56	0.00	97.56	97.56	0.00	97.56
大豆	3.00	2.99	0.01	2.99	2.99	0.01	2.99	2.99	0.01	2.99	2.99	0.01	2.99	2.99	0.01	2.99	2.99	0.01	2.99
綠豆	0.50	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49
紅豆	0.10	0.09	0.01	0.09	0.09	0.01	0.09	0.09	0.01	0.09	0.09	0.01	0.09	0.09	0.01	0.09	0.09	0.01	0.09
其他豆類	0.50	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49
小豆	0.50	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49
其他	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
高粱	10.00	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98
燕麥	0.50	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49
小麥	0.50	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49	0.49	0.01	0.49
水稻	10.00	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98	9.98	0.02	9.98
其他	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
總計	100.00	97.56	2.44	97.56	97.56	0.00	97.56	97.56	0.00	97.56	97.56	0.00	97.56	97.56	0.00	97.56	97.56	0.00	97.56

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kacliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Bairin West

Crop	Acreage (Hectares)		Yield (MT)		Percentage (%)	
	Total	Harvested	Total	Harvested	Total	Harvested
1. Percentage of various crops						
2. Acreage under crops (hectares)	97,000	97,000				
3. Damaged acreage with no yield						
4. Total damaged acreage (hectares)						
5. By drought (hectares)						
6. By floods (hectares)						
7. By others (hectares)						
8. Acreage harvested (hectares)	97,000	97,000				
9. Yield per hectare (kg)						
10. Total yield (MT)			10,000	10,000		
11. Kinds of crops						
12. Total						
13. Principal crops, sub-total						
14. Soybeans						
15. Red beans						
16. Green beans						
17. Other kinds of beans						
18. Kacliang						
19. Italian millet						
20. Maize						
21. Wheat						
22. Rice (irrigated)						
23. Rice (unirrigated)						
24. Barley						
25. Oats						
26. Millet						
27. Sawa millet						
28. Buckwheat						
29. Special crops, sub-total						
30. Ramie for fiber						
31. Ramie for seeds						
32. Perilla seeds						
33. Cotton, imported species						
34. Cotton, native species						
35. Tobacco, US species						
36. Tobacco, native species						
37. Abutilon hemp						
38. Flax						
39. Hemp						
40. Castor-oil seeds						
41. Sesame seeds						
42. Peanuts						
43. Sugar beets						
44. Melon seeds						
45. Others						
46. Other crops, sub-total						
47. Fruits						
48. Potatoes						
49. Fresh vegetables						
50. Ruusan						

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

STAT

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruisan

#3 Acreage Under Crops and Amount of Yield and by Heleas (For 1941)
Statistics

作物名称	公顷	播种面积			收获面积			产量 (公斤)		
		总面积	受旱	受涝	总面积	受旱	受涝	总产量	受旱	受涝
全部	324,000	28,200	100	100	295,800	100	100	3,200,000	100	100
大豆	3	48,000	100	100	47,000	100	100	4,000,000	100	100
其他豆	4	2,000	100	100	1,800	100	100	1,500,000	100	100
高粱	5	100	100	100	95	100	100	800,000	100	100
意大利小米	6	100	100	100	95	100	100	800,000	100	100
玉米	7	100	100	100	95	100	100	800,000	100	100
小麦	8	100	100	100	95	100	100	800,000	100	100
水稻	9	100	100	100	95	100	100	800,000	100	100
其他	10	100	100	100	95	100	100	800,000	100	100
主要作物合计	11	2,737	100	100	2,700	100	100	24,000,000	100	100
其他作物	12	40,000	100	100	39,000	100	100	3,000,000	100	100
全部	13	40,000	100	100	39,000	100	100	3,000,000	100	100
花生	14	2,000	100	100	1,900	100	100	1,500,000	100	100
绿豆	15	2,000	100	100	1,900	100	100	1,500,000	100	100
其他豆	16	2,000	100	100	1,900	100	100	1,500,000	100	100
高粱	17	2,000	100	100	1,900	100	100	1,500,000	100	100
意大利小米	18	2,000	100	100	1,900	100	100	1,500,000	100	100
玉米	19	2,000	100	100	1,900	100	100	1,500,000	100	100
小麦	20	2,000	100	100	1,900	100	100	1,500,000	100	100
水稻	21	2,000	100	100	1,900	100	100	1,500,000	100	100
其他	22	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物合计	23	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	24	2,000	100	100	1,900	100	100	1,500,000	100	100
大麻	25	2,000	100	100	1,900	100	100	1,500,000	100	100
苧麻	26	2,000	100	100	1,900	100	100	1,500,000	100	100
苧麻 (纤维)	27	2,000	100	100	1,900	100	100	1,500,000	100	100
苧麻 (种子)	28	2,000	100	100	1,900	100	100	1,500,000	100	100
其他	29	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物合计	30	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	31	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	32	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	33	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	34	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	35	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	36	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	37	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	38	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	39	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	40	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	41	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	42	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	43	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	44	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	45	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	46	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	47	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	48	2,000	100	100	1,900	100	100	1,500,000	100	100
全部	49	2,000	100	100	1,900	100	100	1,500,000	100	100
其他作物	50	2,000	100	100	1,900	100	100	1,500,000	100	100

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of
and by Hiens (For 1941)

Keshikien

耕作農產

作物名稱	總計		旱地		水地		其他	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
合計	12,000	80,000	8,500	50,000	3,500	30,000	0	0
大豆	1,000	10,000	1,000	10,000	0	0	0	0
綠豆	500	5,000	500	5,000	0	0	0	0
紅豆	500	5,000	500	5,000	0	0	0	0
其他豆類	1,000	10,000	1,000	10,000	0	0	0	0
高粱	1,000	10,000	1,000	10,000	0	0	0	0
意大利粟	1,000	10,000	1,000	10,000	0	0	0	0
玉米	1,000	10,000	1,000	10,000	0	0	0	0
小麥	1,000	10,000	1,000	10,000	0	0	0	0
水稻 (灌溉)	1,000	10,000	0	0	1,000	10,000	0	0
水稻 (非灌溉)	1,000	10,000	0	0	1,000	10,000	0	0
燕麥	1,000	10,000	1,000	10,000	0	0	0	0
大麥	1,000	10,000	1,000	10,000	0	0	0	0
粟	1,000	10,000	1,000	10,000	0	0	0	0
蕎麥	1,000	10,000	1,000	10,000	0	0	0	0
其他雜糧	1,000	10,000	1,000	10,000	0	0	0	0
棉花 (進口)	1,000	10,000	0	0	1,000	10,000	0	0
棉花 (本地)	1,000	10,000	0	0	1,000	10,000	0	0
煙草 (美國)	1,000	10,000	0	0	1,000	10,000	0	0
煙草 (本地)	1,000	10,000	0	0	1,000	10,000	0	0
亞麻	1,000	10,000	1,000	10,000	0	0	0	0
大麻	1,000	10,000	1,000	10,000	0	0	0	0
其他纖維作物	1,000	10,000	1,000	10,000	0	0	0	0
芝麻	1,000	10,000	1,000	10,000	0	0	0	0
花生	1,000	10,000	1,000	10,000	0	0	0	0
甜菜	1,000	10,000	1,000	10,000	0	0	0	0
其他	1,000	10,000	1,000	10,000	0	0	0	0

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Hei-shan

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rumsan

大連總局農林統計

作物名稱	1941年		1940年		1939年		1938年		1937年	
	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)
全部	1,000,000	100,000	1,000,000	100,000	1,000,000	100,000	1,000,000	100,000	1,000,000	100,000
主要作物	800,000	80,000	800,000	80,000	800,000	80,000	800,000	80,000	800,000	80,000
大豆	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
綠豆	50,000	5,000	50,000	5,000	50,000	5,000	50,000	5,000	50,000	5,000
紅豆	50,000	5,000	50,000	5,000	50,000	5,000	50,000	5,000	50,000	5,000
高粱	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
粟	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
水稻	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
小麥	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
燕麥	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
其他	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
特殊作物	200,000	20,000	200,000	20,000	200,000	20,000	200,000	20,000	200,000	20,000
大麻	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
亞麻	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000
其他	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000	10,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (Unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rumsan

Acreage Under Crops and Amount of Yield and by Hsiens (For 1941)

Fu-shia City

作物	單位	總計		3		4		5		6		7		8	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計		2,106.00	8,777												
小計		88.81	8,777												
大豆	畝	8.88	819												
綠豆	畝	1.09	107												
黃豆	畝	0.80	78												
其他豆類	畝	0.70	66												
高粱	畝	42.90	4,233												
粟	畝	78.11	7,846												
玉米	畝	0.48	38												
小麥	畝	0.44	44												
水稻	畝	0.02	2												
其他															
合計		4.70	460												
其他		0.08	8												
合計		10.18	983												
小計		29.86	2,977												
大麻	畝	0.10	10												
其他		0.08	8												
合計		0.18	18												
其他		0.02	2												
合計		0.20	20												
其他		0.02	2												
合計		0.22	22												
其他		0.02	2												
合計		0.24	24												
其他		0.02	2												
合計		0.26	26												
其他		0.02	2												
合計		0.28	28												
其他		0.02	2												
合計		0.30	30												
其他		0.02	2												
合計		0.32	32												
其他		0.02	2												
合計		0.34	34												
其他		0.02	2												
合計		0.36	36												
其他		0.02	2												
合計		0.38	38												
其他		0.02	2												
合計		0.40	40												
其他		0.02	2												
合計		0.42	42												
其他		0.02	2												
合計		0.44	44												
其他		0.02	2												
合計		0.46	46												
其他		0.02	2												
合計		0.48	48												
其他		0.02	2												
合計		0.50	50												
其他		0.02	2												

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Russian

RESTRICTED

#53 Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)
Tsuist East
熱河省農產

作物名稱	單位	總計		承德		赤峰		凌源		灤州		灤南		灤西	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
總計	公頃	104,502	104,502	10	10	10	10	10	10	10	10	10	10	10	10
大豆	公頃	74,871	147,542	10	10	10	10	10	10	10	10	10	10	10	10
綠豆	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
紅豆	公頃	1,100	1,700	10	10	10	10	10	10	10	10	10	10	10	10
黃豆	公頃	72,771	143,842	10	10	10	10	10	10	10	10	10	10	10	10
其他豆類	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
高粱	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
燕麥	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
小麥	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
水稻	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
粟	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
蕎麥	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
其他雜糧	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
棉花	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
煙草	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
大麻	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
苧麻	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
其他纖維作物	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
油料作物	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10
其他作物	公頃	1,000	2,000	10	10	10	10	10	10	10	10	10	10	10	10

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectare)
3. Damaged acreage with no yield
4. Total damaged acreage (hectare)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil
41. Sesame seeds seeds
43. Sugar beets 42. Peanuts
45. Others 44. Melon seeds
45. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Russian

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Chang-shu

作物名稱	面積	收穫量	單位			
			公頃	畝	公石	石
合計	2,496.00	112,000			112,000	
大計	2,496.00	112,000			112,000	
小計	0.01	104,200			104,200	800
大豆	5.00	8,000			8,000	800
綠豆	0.10	140			140	80
其他豆類	0.90	1,074			1,074	800
高粱	31.00	35,704			35,704	800
紅豆	10.00	12,841			12,841	800
綠豆	11.74	14,832			14,832	800
其他豆類	0.26	403			403	800
小計	0.02	700			700	1,000
水稻	0.04	80			80	810
大計	0.10	270			270	847
小計	0.00	2,300			2,300	810
其他	1.00	2,100			2,100	800
合計	0.04	6,700			6,700	490
小計	0.04	7,870			7,870	
大麻	0.17	400			400	400
苧麻	0.04	847			847	800
其他	0.04	43			43	800
棉花	0.03	807			807	810
其他	0.03	807			807	810
煙草	0.10	200			200	800
其他	0.04	800			800	400
其他	2.10	4,200			4,200	800
其他	0.00	807			807	400
小計	0.00	800			800	
其他	0.01	74			74	800
其他	0.00	800			800	8,000
其他	0.00	846			846	1,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
T'ung-liao

作物名稱	單位	總計		東部		西部		南部		北部	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計		2,000,000	107,200	4,700	4,000	1,000,000					
大豆	公頃	10,000	4,200	1,100	1,100	15,170	800	870	13,000		
綠豆	公頃	1,000	1,000	2	2	1,000	700	700	1,000		
黃豆	公頃	1,510	2,810	224	224	2,000	270	700	1,000		
其他豆類	公頃	1,000	3,000			3,000	700	700	2,000		
高粱	公頃	17,310	80,000	1,477	1,477	60,000	800	800	61,000		
紅豆	公頃	1,100	40,277	827	827	30,000	800	800	37,000		
綠豆	公頃	7,000	14,000	324	324	14,000	1,170	1,170	17,000		
其他豆類	公頃	0,000	120			120	770	770	120		
玉米	公頃	0,540	1,000			1,000	1,000	1,000	1,014		
大麥	公頃	0,100	250			250	250	250	250		
小麥	公頃	0,000	1			1	810	810	1		
燕麥	公頃	7,410	13,070			13,070	1,170	1,170	16,234		
粟	公頃	0,430	800			800	1,000	1,000	870		
蕎麥	公頃	2,070	5,000	100	100	4,000	540	540	2,704		
雜糧	公頃	7,400	14,000	407	407	10,000					
大麻	公頃	0,320	800	80	80	200	800	877	144		
苧麻	公頃	3,000	7,470	100	100	7,000	810	800	6,000		
芝麻	公頃	0,070	140			140	800	800	70		
棉花	公頃										
煙草	公頃	0,100	300			300	400	400	301		
亞麻	公頃	0,070	140			140	400	400	140		
大麻	公頃	2,000	2,000			2,000	2,000	2,000	2,000		
其他	公頃	0,000	840			840	270	270	840		
花生	公頃	0,000	40			40	2,000	2,000	40		
西瓜	公頃	0,070	1,000			1,000	500	500	1,000		
其他	公頃	1,000	2,000	10	10	2,000	10	10	2,000		
其他	公頃	0,000	1,100	10	10	1,100	0,000	0,000	1,100		
其他	公頃	0,000	1,700			1,700			1,700		

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millets
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa Millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield and by Hsien (For 1941)
Khorchin East Wing

作物	計	1941		1940		1939		1938		1937	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	100.00	41,285	664	146	67	68,757	...	...	...	...	...
主要作物	73	30,231	474	168	26	54,766	...	...	...	...	...
大豆	4.82	2,531	35	10	23	2,706	...	...	...	...	...
綠豆	0.38	218	...	...	...	218	...	...	...	...	...
紅豆	2.22	1,363	...	...	...	1,363	...	...	...	...	...
其他豆類	1.84	1,128	...	...	...	1,128	...	...	...	...	...
高粱	24.17	14,478	135	25	118	14,890	...	...	...	...	...
玉米	17.44	10,495	121	20	71	10,574	...	...	...	...	...
其他雜糧	14.87	9,118	80	30	88	9,038	...	...	...	...	...
水稻	0.03	28	...	...	...	28	...	...	...	...	...
小麥	0.58	358	...	...	...	358	...	...	...	...	...
燕麥	0.02	15	...	...	...	15	...	...	...	...	...
大麥	0.04	24	...	...	...	24	...	...	...	...	...
糜子	11.40	6,888	35	25	10	6,887	...	...	...	...	...
粟	3.18	1,537	4	4	1,833	...	...	...	...	...	...
黍	9.27	4,687	39	25	4	4,644	...	...	...	...	...
特殊作物	27	8,188	188	48	27	8,088	...	...	...	...	...
大麻	1.08	688	83	43	40	688	...	...	...	...	...
苧麻	0.01	122	...	...	...	122	...	...	...	...	...
苧麻子	0.07	44	...	...	...	44	...	...	...	...	...
棉花	0.01	8	...	...	...	8	...	...	...	...	...
烟草	0.26	120	...	...	...	120	...	...	...	...	...
亞麻	0.03	21	...	...	...	21	...	...	...	...	...
苧麻	0.02	8	...	...	...	8	...	...	...	...	...
大麻	0.02	8	...	...	...	8	...	...	...	...	...
大麻子	0.02	8	...	...	...	8	...	...	...	...	...
芝麻	2.86	1,408	...	...	...	1,408	...	...	...	...	...
花生	2.86	1,408	...	...	...	1,408	...	...	...	...	...
花生油	0.01	1	...	...	...	1	...	...	...	...	...
西瓜	1.18	108	...	...	...	108	...	...	...	...	...
其他蔬菜	1.18	108	...	...	...	108	...	...	...	...	...
其他作物	46	...	...	...	...	...	...	...	...	...	...
其他	1.18	108	...	...	...	108	...	...	...	...	...
其他	0.18	18	...	...	...	18	...	...	...	...	...
其他	0.58	308	...	...	...	308	...	...	...	...	...
其他	0.47	252	...	...	...	252	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Khorchin East Wing Center

項目	1		2		3		4		5		6		7		8		9		10	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	100.00	214,000	18,900	18,900	15,400	15,400	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
普通作物	3	180,000	18,300	18,300	15,000	15,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
大豆	7.37	22,800	1,470	1,470	1,470	1,470	21,410	720	771	16,000										
綠豆	0.30	1,100	3	3	3	3	1,000	200	200	1,000										
紅豆	1.30	4,200	120	120	120	120	4,100	200	200	4,200										
其他豆類	0.90	3,000	200	200	200	200	2,700	300	300	3,000										
高粱	18.84	83,500	2,807	2,807	2,807	2,807	80,700	700	700	81,500										
玉米	23.00	78,722	4,300	4,300	4,300	4,300	68,400	600	700	79,000										
小麥	7.48	23,587	820	820	820	820	22,800	600	670	23,500										
燕麥	0.03	100					100	100	100	100										
其他小麥	0.36	1,125	300	300	300	300	1,000	100	100	1,100										
意大利米	0.01	32	1	1	1	1	30	20	20	30										
燕麥	0.04	130	4	4	4	4	120	100	100	130										
水稻(灌溉)	13.41	42,230	1,801	1,801	1,801	1,801	40,300	600	720	42,000										
水稻(不灌溉)	0.21	640	20	20	20	20	620	20	20	640										
其他	10.97	34,544	1,370	1,370	1,370	1,370	33,100	400	470	34,000										
特別作物	29	18,000	800	800	600	600	18,000			18,000										
大麻	30.87	1,800	50	50	50	50	1,700	100	100	1,800										
苧麻	1.00	5,100	100	100	100	100	5,000	100	100	5,100										
其他	0.90	100					100	100	100	100										
棉花(美國)	0.01	30					30	300	300	30										
棉花(本地)	0.01	30					30	300	300	30										
煙草(美國)	0.01	10					10	300	300	10										
煙草(本地)	0.01	10					10	1,400	1,400	10										
亞麻(洋種)	0.02	40	1	1	1	1	40	400	400	40										
亞麻(本地)	0.02	40					40	400	400	40										
苧麻	0.00	0.470	200	200	200	200	100	1,000	1,000	0.470										
其他	0.00	1,000	40	40	40	40	1,000	200	200	1,000										
其他	1.00	4,000					4,000	200	200	4,000										
其他	0.00	0.00	00	00	00	00	0.000			0.000										
其他	0.00	1,000	00	00	00	00	1,000	4,000	4,000	1,000										
其他	1.00	4,000					4,000			4,000										

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
43. Sugar beets 42. Peanuts
45. Others 44. Melon seeds
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941) Kolum

Crop Name	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)
	Total	Harvested	Total	Harvested	
總計	2,100.00	97,000			
損壞面積	34.00	0.00	0.00	0.00	
大豆	3.00	2,000	2,000	200	1,200
綠豆	0.00	40	40	40	200
黃豆	0.01	410	410	400	400
其他豆類	3.50	2,200	2,200	200	200
高粱	12.00	2,770	2,770	210	2,200
燕麥	28.00	17,710	17,710	200	2,200
小麥	3.10	2,240	2,240	200	2,200
其他小麥類	0.07	40	40	40	200
水稻	20.70	14,100	14,100	400	400
其他水稻類	22.00	10,200	10,200	270	270
特別作物	29	0.00	0.00		
大麻	30.00	21	21	210	210
苧麻	0.00	100	100	210	210
其他	0.01	0	0	0	0
煙草	0.00	0	0	0	0
亞麻	1.11	70	70	40	40
其他	0.70	1,000	1,000	200	200
其他作物	47,000	0.00	0.00		
其他	0.00	0.00	0.00		
其他	0.00	0.00	0.00		

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

#54 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) K'ai-lu

作物名稱	總計		旱地		水地		其他	
	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)
合計	2,104.05	102,270	1,747	8,200	357	20,070		
大豆	34.50	33,220	0.500	2,000	2.500	28,720		
綠豆	7.74	7,500	111	111	7.629	7,389		
紅豆	0.40	400			0.400	400		
其他豆類	1.80	1,737	100	100	1.700	1,637		
高粱	30.50	30,707	1,700	200	28.800	28,507		
玉米	20.50	20,820	1,701	701	18.800	19,119		
小麥	1.07	1,810			1.070	1,810		
其他小麥類	4.00	4,170	312	312	3.688	3,858		
水稻	0.50	200			0.500	200		
其他	13.92	13,900	1,023	700	12.897	13,200		
其他	7.50	7,500	643	400	6.857	7,100		
其他	4.50	4,710	600	600	3.900	4,110		
其他	1.50	1,500	100	100	1.400	1,400		
其他	0.97	800	80	80	0.890	720		
其他	0.54	300	40	40	0.500	260		
其他	0.10	100	10	10	0.090	90		
其他	0.57	500	50	50	0.520	450		
其他	1.41	1,400	100	100	1.310	1,300		
其他	0.01	10			0.010	10		

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield of Crops and by Hsien (For 1941)
Naiman

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (T)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kooling 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawn millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other grains, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (Hectares)		Yield (T)		Yield per Hectare (kg)	
	Total	Damaged	Total	Damaged	Total	Damaged
Principal Crops	12,100.00	140.00	2,000.00	200.00	160.00	100.00
Soybeans	13,000.00	100.00	2,000.00	200.00	160.00	100.00
Large	1,000.00	100.00	100.00	10.00	10.00	10.00
Small	1,000.00	100.00	100.00	10.00	10.00	10.00
Other	1,000.00	100.00	100.00	10.00	10.00	10.00
Other Beans	20.10	20.10	1,000.00	100.00	1,000.00	100.00
Green	20.10	20.10	1,000.00	100.00	1,000.00	100.00
Red	20.10	20.10	1,000.00	100.00	1,000.00	100.00
Other Grains	15.00	15.00	2,000.00	200.00	2,000.00	200.00
Wheat	2.00	2.00	110.00	11.00	2,770.00	277.00
Maize	13.00	13.00	590.00	60.00	17,170.00	1,717.00
Special Crops	2.00	2.00	400.00	40.00	400.00	40.00
Cotton	2.00	2.00	400.00	40.00	400.00	40.00
Tobacco	2.00	2.00	400.00	40.00	400.00	40.00
Flax	2.00	2.00	400.00	40.00	400.00	40.00
Hemp	2.00	2.00	400.00	40.00	400.00	40.00
Castor-oil	2.00	2.00	400.00	40.00	400.00	40.00
Sesame	2.00	2.00	400.00	40.00	400.00	40.00
Peanuts	2.00	2.00	400.00	40.00	400.00	40.00
Sugar beets	2.00	2.00	400.00	40.00	400.00	40.00
Melon seeds	2.00	2.00	400.00	40.00	400.00	40.00
Others	2.00	2.00	400.00	40.00	400.00	40.00
Other Grains	1.00	1.00	100.00	10.00	100.00	10.00
Fruits	1.00	1.00	100.00	10.00	100.00	10.00
Potatoes	1.00	1.00	100.00	10.00	100.00	10.00
Fresh vegetables	1.00	1.00	100.00	10.00	100.00	10.00
Ruusan	1.00	1.00	100.00	10.00	100.00	10.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (kg)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sorghum
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Mushrooms

Acreage Under Crops and Area
and by Hsions (For 1941)
Jarod

Crop	Acreage (ha)		Yield (kg)		Total Yield (kg)	
	Area	Harvested	Yield	Harvested	Total	Yield
全部 (Total)	2,100,000	85,000	100	85,000	85,000	85,000
小計 (Sub-total)	80,000	10,000	100	10,000	10,000	10,000
大豆 (Soybeans)	2,000	700	40	700	700	400
綠豆 (Green beans)	0.17	34	—	34	34	10
紅豆 (Red beans)	0.07	139	10	139	139	710
其他豆類 (Other beans)	0.70	140	—	140	140	634
高粱 (Kaoliang)	1.01	370	20	370	370	700
粟 (Italian millet)	14.21	5,027	207	5,027	5,027	2,000
玉米 (Maize)	3.14	661	24	661	661	664
小麥 (Wheat)	1.51	314	34	314	314	700
水磨 (Millet)	0.34	71	—	71	71	1,000
大麥 (Barley)	0.17	34	5	34	34	100
燕麥 (Oats)	41.70	8,070	101	8,070	8,070	8,011
雜糧 (Sorghum)	12.32	2,580	200	2,580	2,580	1,000
小計 (Sub-total)	80,000	1,000	100	1,000	1,000	—
大麻 (Ramie)	1.00	200	100	200	200	—
苧麻 (Ramie)	0.04	4	—	4	4	—
其他 (Others)	0.00	—	—	—	—	—
棉花 (Cotton)	0.00	—	—	—	—	—
煙草 (Tobacco)	0.10	21	—	21	21	—
亞麻 (Flax)	0.00	—	—	—	—	—
大麻 (Castor-oil)	1.00	1,000	—	1,000	1,000	—
芝麻 (Sesame)	0.00	—	—	—	—	—
花生 (Peanuts)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—
小計 (Sub-total)	80,000	101	—	101	101	—
其他 (Others)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—
其他 (Others)	0.00	—	—	—	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942

RESTRICTED

STAT

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Irrigated acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. by others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sorghum
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Aro-Khorchin

阿魯科尔沁盟

作物	全盟		阿鲁科尔沁旗		科尔沁右翼中旗		扎赉特旗		科尔沁左翼中旗		开鲁县	
	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量
大豆	11.84	7,007	11.84	7,007								
小麦	38.44	21,785	38.44	21,785								
水稻	0.05	3,019	0.05	3,019								
高粱	1.00	851	1.00	851								
谷子	0.89	351	0.89	351								
其他豆类	0.50	300	0.50	300								
其他谷物	1.12	600	1.12	600								
其他	0.25	151	0.25	151								
总计	63.00	34,000	63.00	34,000								

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Shuang-Liao

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (T)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Koeliam: 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, HS species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	1941		1940		1939		1938		1937		1936	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
大豆	14,700	10,014	100	100	11,000	800	10,000	10,000	10,000	10,000	10,000	10,000
綠豆	1,100	3,300	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
紅豆	1,100	1,900	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他豆類	1,100	1,900	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
高粱	28,000	33,100	170	170	28,000	270	28,000	270	28,000	270	28,000	270
綠豆	22,000	26,100	220	220	22,000	220	22,000	220	22,000	220	22,000	220
其他豆類	22,000	26,100	220	220	22,000	220	22,000	220	22,000	220	22,000	220
五小	22,000	26,100	220	220	22,000	220	22,000	220	22,000	220	22,000	220
水	0.95	1,500	—	—	—	—	—	—	—	—	—	—
小	0.87	420	—	—	—	—	—	—	—	—	—	—
水	0.74	300	—	—	—	—	—	—	—	—	—	—
大	0.16	150	—	—	—	—	—	—	—	—	—	—
水	5.80	8,800	—	—	—	—	—	—	—	—	—	—
水	1.04	1,700	—	—	—	—	—	—	—	—	—	—
水	2.90	4,700	—	—	—	—	—	—	—	—	—	—
特小	0.10	8,000	—	—	—	—	—	—	—	—	—	—
大	0.10	200	—	—	—	—	—	—	—	—	—	—
實	0.00	1,400	—	—	—	—	—	—	—	—	—	—
(子)	0.10	200	—	—	—	—	—	—	—	—	—	—
水	0.10	100	—	—	—	—	—	—	—	—	—	—
水	0.01	20	—	—	—	—	—	—	—	—	—	—
水	0.00	141	—	—	—	—	—	—	—	—	—	—
(子)	0.27	421	—	—	—	—	—	—	—	—	—	—
(子)	0.41	644	—	—	—	—	—	—	—	—	—	—
(子)	2.87	4,542	—	—	—	—	—	—	—	—	—	—
子	0.00	100	—	—	—	—	—	—	—	—	—	—
子	0.02	30	—	—	—	—	—	—	—	—	—	—
子	0.00	—	—	—	—	—	—	—	—	—	—	—
子	0.02	1,100	—	—	—	—	—	—	—	—	—	—
子	1.00	2,000	—	—	—	—	—	—	—	—	—	—

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and amount of Yield by Crops and by Hsiens (For 1941)
Ch'ang-ling

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kooliang
19. Italian millet
20. Maize
21. Sawn millet
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawn millet
28. Buckwheat
29. Special crops, sub-total
30. Rape for fiber
31. Rape for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fruits
50. Rausan

Crop	Acreage (Hectares)		Yield (MT)		Percentage (%)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal crops (13)	100.00	100.00	100.00	100.00	100.00	100.00
Soybeans (14)	8.00	8.00	8.00	8.00	8.00	8.00
Red beans (15)	2.51	2.51	2.51	2.51	2.51	2.51
Green beans (16)	0.94	0.94	0.94	0.94	0.94	0.94
Other beans (17)	0.79	0.79	0.79	0.79	0.79	0.79
Kooliang (18)	10.13	10.13	10.13	10.13	10.13	10.13
Italian millet (19)	18.35	18.35	18.35	18.35	18.35	18.35
Maize (20)	28.12	28.12	28.12	28.12	28.12	28.12
Sawn millet (21)	2.41	2.41	2.41	2.41	2.41	2.41
Rice (22)	0.00	0.00	0.00	0.00	0.00	0.00
Rice (23)	0.82	0.82	0.82	0.82	0.82	0.82
Barley (24)	13.16	13.16	13.16	13.16	13.16	13.16
Oats (25)	0.39	0.39	0.39	0.39	0.39	0.39
Millet (26)	4.59	4.59	4.59	4.59	4.59	4.59
Sawn millet (27)	1.88	1.88	1.88	1.88	1.88	1.88
Buckwheat (28)	0.04	0.04	0.04	0.04	0.04	0.04
Special crops (29)	0.74	0.74	0.74	0.74	0.74	0.74
Rape for fiber (30)	0.09	0.09	0.09	0.09	0.09	0.09
Rape for seeds (31)	0.19	0.19	0.19	0.19	0.19	0.19
Perilla seeds (32)	0.09	0.09	0.09	0.09	0.09	0.09
Cotton (33)	0.00	0.00	0.00	0.00	0.00	0.00
Tobacco (35)	0.19	0.19	0.19	0.19	0.19	0.19
Abutilon hemp (37)	0.00	0.00	0.00	0.00	0.00	0.00
Hemp (39)	0.00	0.00	0.00	0.00	0.00	0.00
Castor-oil seeds (40)	0.00	0.00	0.00	0.00	0.00	0.00
Sesame seeds (41)	0.00	0.00	0.00	0.00	0.00	0.00
Peanuts (42)	0.00	0.00	0.00	0.00	0.00	0.00
Sugar beets (43)	0.00	0.00	0.00	0.00	0.00	0.00
Melon seeds (44)	0.00	0.00	0.00	0.00	0.00	0.00
Others (45)	0.00	0.00	0.00	0.00	0.00	0.00
Other crops (46)	0.00	0.00	0.00	0.00	0.00	0.00
Fruits (47)	0.00	0.00	0.00	0.00	0.00	0.00
Potatoes (48)	0.00	0.00	0.00	0.00	0.00	0.00
Rausan (50)	0.00	0.00	0.00	0.00	0.00	0.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 39. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Khusan

RESTRICTED

130. Acreage Under Crops and Amount of Principal Crops and by Hsiens (for 1941)
K'ai-t'ung

作物名稱	面積 (公頃)		產量 (公噸)		收穫率 (%)	
	總面積	收穫面積	總產量	收穫產量	收穫率	收穫率
全部	100.00	88.891	2,210	2,076	93.9	93.9
小計	86.47	81.225	2,000	1,880	92.0	92.0
大豆	2.41	2,037	301	301	7,000	657
綠豆	1.14	1,000	30	30	1,000	600
黃豆	2.00	1,000	111	111	1,000	610
其他豆類	0.84	607	50	50	700	600
高粱	26.37	28,200	800	800	24,000	730
燕麥	22.23	22,100	430	430	21,700	710
小麥	18.50	18,710	900	900	17,810	700
其他小麥	0.73	700	—	—	700	600
綠豆	0.03	27	—	—	27	700
大豆	0.40	8101	287	287	7,000	600
綠豆	0.40	400	—	—	400	700
其他	4.00	3,000	43	43	3,000	400
神用作物	1.01	1,700	81	81	1,700	—
小計	0.81	100	—	—	100	200
其他	0.00	600	—	—	600	600
其他	0.10	100	—	—	100	610
其他	0.00	80	3	3	87	600
其他	0.10	200	20	20	200	600
其他	0.00	—	—	—	—	—
其他	0.17	100	—	—	100	670
其他	0.01	—	—	—	—	—
其他	0.10	100	—	—	100	600
其他	—	—	—	—	—	—
其他	0.00	—	—	—	—	—
其他	0.00	—	—	—	—	—
其他	1.00	1,000	—	—	1,000	600

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield and by Hsiens (for 1941)
Chan-yu

1. Percentage of various crops.
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

作物名稱	面積 (公頃)		收穫量 (公担)		單位面積產量 (公担/公頃)	
	總計	受損	總計	受損	總計	受損
合計	12,188.00	88,007	1,801	1,281	64,666	...
小計	9,850	88,000	1,800	1,280	64,664	...
大豆	7.70	4,363	284	254	4,098	...
綠豆	0.52	293	20	20	378	...
黃豆	2.12	1,760	47	47	1,709	...
其他豆類	1.14	638	10	10	834	...
高粱	25.22	14,118	703	703	13,415	...
燕麥	17.21	8,830	402	402	8,323	...
小麥	14.89	7,977	281	281	7,696	...
其他穀類	2.59	1,414	10	10	1,404	...
水稻	13.37	7,480	74	74	7,406	...
其他雜糧	0.14	80	5	5	80	...
其他	8.22	4,890	17	17	4,873	...
特用作物	2.90	1,386	88	88	1,298	...
大麻	0.04	30	2	2	30	...
其他特用作物	0.71	400	5	5	400	...
其他	0.08	80	5	5	40	...
其他	0.04	22	2	2	20	...
其他	0.01	40	2	2	40	...
其他	0.80	447	24	24	423	...
其他	0.80	397	18	18	379	...
其他	1.30	700	...	...	700	...
其他	0.90	...	...	...	...	...
其他	1.00	1,000	...	...	1,000	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

1941 Acreage Under Crops and by Hsiens (for 1941)
Li-ch'ua

作物	合計	面積 (公頃)					產量 (公噸)				
		合計	損毀	收穫	其他	未收	合計	損失	收穫	其他	未收
總計	1,100.00	78.00	1,000.00	...	...	...	...	...	...	...
大豆	27.20	78.00	...	...	...	...	...	...	...	...
大綠豆	7.31	5,887	33	33	...	...	...	...	...	...
小綠豆	1.90	743	23	23	...	...	...	...	...	...
綠豆	1.39	1,093	22	22	...	...	...	...	...	...
其他綠豆	0.52	396	...	...	...	...	...	...	...	...
高粱	18.71	12,007	253	248	...	...	...	...	...	...
粟	21.53	12,222	322	322	...	...	...	...	...	...
玉米	28.92	18,817	331	331	...	...	...	...	...	...
小米	1.81	1,402	66	66	...	...	...	...	...	...
其他	0.07	54	12	12	...	...	...	...	...	...
雜糧	10.31	7,890	27	27	...	...	...	...	...	...
油料	0.55	6,028	14	14	...	...	...	...	...	...
特種作物	1.76	1,383	37	37	...	...	...	...	...	...
稻	370.14	110	3	3	...	...	...	...	...	...
籼稻	0.92	703	3	3	...	...	...	...	...	...
粳稻	0.07	82	2	2	...	...	...	...	...	...
其他稻	0.20	164	5	5	...	...	...	...	...	...
其他特種作物	0.36	27	10	10	...	...	...	...	...	...
其他	0.12	93	33	33	...	...	...	...	...	...
其他	0.37	72	...	...	...	...	...	...	...	...
其他	0.39	300	...	...	...	...	...	...	...	...
其他	0.00	0	...	...	...	...	...	...	...	...
其他	0.00	0	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (for 1941)
T'ao-nan

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物名稱	總計		第一區		第二區		第三區		第四區		第五區	
	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)
總計	2,100.00	165,000	1,000	7,700	7,700	200,000	...	...	...	...	...	...
大豆	8.49	12,458	1,402	1,402	1,402	11,000	...	...	...	...	...	...
綠豆	0.96	1,442	96	96	96	1,346	...	...	...	...	...	...
紅豆	1.79	2,700	70	70	70	2,630	...	...	...	...	...	...
其他豆類	0.86	1,300	86	86	86	1,214	...	...	...	...	...	...
高粱	22.88	34,107	2,000	2,000	2,000	32,107	...	...	...	...	...	...
粟	22.54	34,100	1,810	1,810	1,810	32,290	...	...	...	...	...	...
玉米	20.51	31,046	1,312	1,312	1,312	29,734	...	...	...	...	...	...
小麥	0.40	600	57	57	57	543	...	...	...	...	...	...
水稻	0.50	422	385	385	385	87	110	1,000	...	...	...	...
燕麥	0.01	18	...	...	...	18	...	...	...	...	...	...
其他雜糧	0.03	42	...	...	...	43	...	...	...	...	...	...
綠豆	0.96	12,400	181	181	181	12,219	...	...	...	...	...	...
其他豆類	0.79	1,102	89	89	89	1,013	...	...	...	...	...	...
高粱	7.42	11,236	219	219	219	10,987	...	...	...	...	...	...
特殊作物	...	...	...	...	...	...	...	...	...	...	...	...
小計	...	...	...	...	...	...	...	...	...	...	...	...
水稻	...	...	...	...	...	...	...	...	...	...	...	...
高粱	...	...	...	...	...	...	...	...	...	...	...	...
粟	...	...	...	...	...	...	...	...	...	...	...	...
玉米	...	...	...	...	...	...	...	...	...	...	...	...
小麥	...	...	...	...	...	...	...	...	...	...	...	...
燕麥	...	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	...	...	...	...	...	...	...	...	...	...	...	...
綠豆	...	...	...	...	...	...	...	...	...	...	...	...
其他豆類	...	...	...	...	...	...	...	...	...	...	...	...
高粱	...	...	...	...	...	...	...	...	...	...	...	...
粟	...	...	...	...	...	...	...	...	...	...	...	...
玉米	...	...	...	...	...	...	...	...	...	...	...	...
小麥	...	...	...	...	...	...	...	...	...	...	...	...
燕麥	...	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	...	...	...	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1941 Acreage Under Crops and Amount of Yield by Crops and by Hsien (for 1941)

Pai-ch'ien

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Malon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000	1,394.56	100,000
大豆	11.87	100,000	3.00	2,000	2,000	1,000	20,000	800	1,000	1,000	10,000	800	1,000	1,000	10,000	800	1,000	1,000	10,000	800	1,000	1,000
綠豆	7.97	0,711	500	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
紅豆	1.41	1,840	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
其他豆類	1.40	1,830	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
高粱	1.21	1,227	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
小麥	20.25	22,227	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
燕麥	22.22	22,227	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
粟	0.70	774	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
水稻	0.39	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399
其他作物	0.07	5,976	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
花生	0.74	911	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
其他	0.57	6,127	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
合計	1.10	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
水稻	0.00	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07
其他	0.71	770	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
其他	0.01	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
其他	0.10	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
其他	0.02	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
其他	0.00	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
其他	0.10	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212	212
合計	1.22	1,071	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
其他	0.77	2,222	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
其他	0.22	2,222	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
合計	1.22	1,071	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet.
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Chen-tung
鐵嶺縣

作物別	單位	1941		1940		1939		1938		1937	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計		2,298.00	83,100	2,110	80,000	1,800	68,000	1,600	60,000	1,400	55,000
小計		82.07	88,800	2,040	80,000	1,500	68,000	1,300	60,000	1,100	55,000
大小	畝	111.88	7,370	210	150	35	170	7,100	700	741	5,500
綠豆	畝	0.80	507	1	1	1	1	500	500	500	510
紅豆	畝	0.75	471	1	1	1	1	471	471	471	470
綠豆	畝	0.85	400	1	1	1	1	400	400	400	390
高粱	畝	24.14	15,224	700	100	100	100	14,524	800	870	13,100
粟	畝	25.50	16,131	971	104	793	16,134	800	741	11,500	
玉米	畝	20.93	12,885	300	100	100	12,885	874	885	11,500	
小豆	畝	0.21	120	27	27	27	100	800	800	800	
大豆	畝	4.95	3,120	183	40	140	2,837	657	600	2,800	
綠豆	畝	0.13	84	3	3	3	81	650	654	650	
黃豆	畝	3.31	2,091	36	23	13	2,855	570	540	1,700	
小計		1.30	870	2	2	2	870	100	100	100	
芝麻	畝	0.00	50	2	2	2	50	100	100	100	
花生	畝	0.87	813	2	2	2	811	500	514	500	
棉花	畝	0.01	7	1	1	1	7	500	500	500	
油菜	畝	0.00	12	12	12	12	12	200	200	200	
棉花	畝	0.00	34	34	34	34	34	300	300	300	
烟草	畝	0.03	20	20	20	20	20	800	800	800	
烟草	畝	0.03	20	20	20	20	20	200	200	200	
烟草	畝	0.18	114	114	114	114	114	300	300	300	
烟草	畝	0.03	10	10	10	10	10	200	200	200	
小計		5.81	6,000	177	177	177	6,000	1,000	1,000	1,000	
其他		47	1,170	80	80	80	1,170	4,000	4,140	4,140	
其他		4.94	2,840	80	80	80	2,840	800	800	800	

STAT

#53 Manchurian Agriculture Station for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)

T'ai-lai
台 來 縣

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaciliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

作物項目	作物別	面積 (公頃)		收穫量 (公噸)		收穫率 (%)	
		合計	受損	合計	受損	合計	受損
合計		1,100.00	168.25	17,000	19,000	100	107.500
普通作物		91.87	110.00	18,010	18,110	100	90.000
大豆		27.82	24,787	8,000	8,000	28,787	812
綠豆		0.95	1,185	100	100	1,000	820
黃豆		0.06	1,200	100	100	1,100	810
其他豆類		0.87	1,088	50	50	1,000	820
高粱		18.19	22,878	2,000	2,000	20,878	760
粟		19.73	24,818	3,500	3,400	21,318	841
玉蜀黍		8.48	10,881	1,000	1,000	9,881	882
小水澆		0.28	7,858	1,000	1,000	6,858	882
大澆		0.01	348	248	248	248	248
小澆		0.01	7	4	4	4	4
稻 (灌溉)		0.81	16	8	8	10	830
稻 (不灌溉)		3.99	4,885	748	748	4,138	848
燕麥		0.02	20	10	10	10	404
其他		4.65	5,820	848	848	4,972	850
特別作物		28.13	2,768	870	870	8,870	...
大麻 (纖維)		0.68	800	100	100	800	100
大麻 (種子)		0.02	788	100	100	800	470
苧麻		0.15	185	50	50	118	430
棉花 (進口)		0.00	34	15	15	33	100
棉花 (本地)		0.01	84	25	25	81	140
煙草 (外國)		0.18	200	15	15	168	840
煙草 (本地)		0.02	202	148	148	148	130
亞麻		0.69	884	838	838	884	100
亞麻子		0.00					
芝麻		0.00					
花生		0.00					
西瓜		0.00					
其他		0.00					
其他作物		46.86	7,588	3,300	3,300	8,888	...
其他作物		0.00					
蔬菜		1.88	2,888	800	800	2,088	8,000
其他		3.88	4,700	1,500	1,500	3,200	11,000

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sewa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Atutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Khorchin East Wing

作物	單位	面積 (公頃)					產量 (公噸)					
		1	2	3	4	5	6	7	8	9	10	
合計		248,000	114,000	4,200	1,400	2,100	600	100,700	...	...	...	...
大豆	畝	10,000	10,000	500	500	...	...	...	...	...	...	...
綠豆	畝	2,000	2,000	...	...	...	...	...	...	...	...	...
紅豆	畝	1,000	1,000	...	...	...	...	...	...	...	...	...
高粱	畝	24,500	24,500	1,100	700	...	...	...	...	...	...	...
玉米	畝	10,000	10,000	100	...	...	...	...	...	...	...	...
水稻	畝	5,000	5,000	...	...	...	...	...	...	...	...	...
小麥	畝	210	210	...	...	...	...	...	...	...	...	...
燕麥	畝	100	100	...	...	...	...	...	...	...	...	...
粟	畝	1	1	...	...	...	...	...	...	...	...	...
蕎麥	畝	25	25	...	...	...	...	...	...	...	...	...
糜子	畝	17,000	17,000	1,100	1,100	...	...	...	...	...	...	...
其他	畝	1,100	1,100	...	...	...	...	...	...	...	...	...
雜糧	畝	12,400	12,400	200	...	...	...	...	...	...	...	...
棉	畝	18,300	18,300	...	...	...	...	...	...	...	...	...
大麻	畝	300	300	...	...	...	...	...	...	...	...	...
苧麻	畝	200	200	...	...	...	...	...	...	...	...	...
苧麻子	畝	60	60	...	...	...	...	...	...	...	...	...
棉花	畝	4	4	...	...	...	...	...	...	...	...	...
棉花子	畝	44	44	...	...	...	...	...	...	...	...	...
烟草	畝	25	25	...	...	...	...	...	...	...	...	...
烟草子	畝	50	50	...	...	...	...	...	...	...	...	...
大麻	畝	...	...	...	...	...	...	...	...	...	...	...
大麻子	畝	10,000	10,000	700	...	...	...	...	...	...	...	...
苧麻	畝	800	800	40	...	...	...	...	...	...	...	...
苧麻子	畝	10	10	...	...	...	...	...	...	...	...	...
花生	畝	0.01	0.01	...	...	...	...	...	...	...	...	...
花生子	畝	0.01	0.01	...	...	...	...	...	...	...	...	...
瓜子	畝	0.01	0.01	...	...	...	...	...	...	...	...	...
其他	畝	0.01	0.01	...	...	...	...	...	...	...	...	...
雜糧	畝	1,000	1,000	100	...	...	...	...	...	...	...	...
其他	畝	0.01	0.01	...	...	...	...	...	...	...	...	...
其他	畝	0.01	0.01	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount and by Hsiens (For 1941)

Khorchin East Wing Center

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Saws millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物名稱	單位	總計		irrigated		unirrigated		Total	
		面積	產量	面積	產量	面積	產量	面積	產量
合計	公頃	109,000	11,700	8,000	8,000	2,000	3,700	10,000	11,700
小計	公頃	92.87	8,520	8,007	8,007	1,513	4,513	9,520	12,520
大豆	公頃	19.88	5,013	540	540	1,473	4,473	2,013	5,013
綠豆	公頃	0.72	513						513
黃豆	公頃	1.13	800	50	50	750	750	800	800
其他豆類	公頃	0.80	578						578
高粱	公頃	13.70	9,837	830	830	1,204	3,604	2,034	9,837
粟	公頃	21.47	15,401	1,804	1,804	1,397	1,397	3,201	15,401
玉米	公頃	11.80	8,482	225	225	8,257	8,257	8,482	8,482
小麥	公頃	0.82	888	170	170	718	718	888	888
水稻	公頃	0.03	30						30
其他	公頃	0.01	10						10
水稻	公頃	19.88	14,310	870	870	13,440	13,440	14,310	14,310
其他	公頃	14.88	10,744	1,830	1,830	8,914	8,914	10,744	10,744
小計	公頃	4.99	3,481	48	48	3,433	3,433	3,481	3,481
大麻	公頃	30.81	380	10	10	370	370	380	380
苧麻	公頃	1.00	715	50	50	665	665	715	715
棉花	公頃								
花生	公頃	0.22	180	5	5	175	175	180	180
烟草	公頃	0.14	100			100	100	100	100
亞麻	公頃	0.07	50	7	7	43	43	50	50
苧麻	公頃	0.30	277			277	277	277	277
大麻	公頃	0.13	50			50	50	50	50
其他	公頃								
小計	公頃	33.07	2,802	72	72	2,730	2,730	2,802	2,802
其他	公頃	1.80	881			881	881	881	881
其他	公頃	1.80	1,814			1,814	1,814	1,814	1,814
合計	公頃	57.84							

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942

RESTRICTED

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Koaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon
45. Others seeds
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusen

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Khorchin West Wing South

作物種類	面積 (公頃)		收穫量 (公噸)		單位收穫量 (公噸/公頃)	
	總計	受損	總計	受損	總計	受損
全計	2,104.00	81,973	8,814	8,848	2,976	41,408
小計	89.88	46,888	8,814	8,848	2,976	41,408
大豆	4.27	2,315	136	130	2,844	858
綠豆	0.64	330	45	45	280	578
黃豆	0.40	798	—	—	280	454
其他豆類	0.30	185	—	—	158	418
高粱	8.10	4,193	884	864	3,328	874
粟	17.04	8,824	1,100	1,540	874	810
玉米	28.18	14,583	824	825	13,768	1,057
水稻	0.80	280	80	80	370	478
小麥	1.41	728	72	72	858	830
大麥	0.04	19	—	—	18	350
燕麥	0.08	41	—	—	41	308
其他雜糧	18.88	8,782	2,120	1,400	872	734
神	0.02	8	—	—	8	380
薯	15.81	8,938	2,700	2,380	5,538	484
特別作物	4.88	8,888	888	888	2,888	—
小計	—	—	—	—	—	—
大麻	0.04	19	—	—	19	338
子(子)	0.07	88	—	—	88	308
子(子)	0.01	4	—	—	4	318
水	—	—	—	—	—	—
水	—	—	—	—	—	—
水	0.00	1	—	—	1	408
水	0.01	4	—	—	4	808
水	0.01	4	—	—	4	808
水	0.48	2,311	300	300	2,011	808
水	0.08	8	—	—	8	378
水	—	—	—	—	—	—
水	0.01	8	—	—	8	338
水	—	—	—	—	—	—
小計	1.88	778	—	—	778	—
其他	0.88	888	—	—	888	3,888
其他	0.88	888	—	—	888	3,888

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

140 Acreage Under Crops and Amount of Yield by Hsiens (For 1941)

Khorochin West Wing

作物名	面積 (公頃)		收穫量 (公噸)		收穫量 (公噸)		收穫量 (公噸)	
	合計	受損	合計	受損	合計	受損	合計	受損
合計	1,100.00	18,816	1,100	1,100	14,000	...	...	...
大豆	37.28	18,871	1,001	1,000	14,000	...	...	...
綠豆	4.31	...	...	...	...	...	...	...
紅豆	0.83	...	...	...	...	...	...	...
其他豆類	0.21	...	...	...	...	...	...	...
高粱	0.87	1,038	13	13	1,000	...	...	...
粟	22.00	3,584	300	300	3,500	...	...	...
小麥	22.00	3,584	210	210	3,100	...	...	...
大麥	2.18	347	140	140	300	...	...	...
水稻 (灌溉)	0.00	13	10	10	...	...	...	...
水稻 (不灌溉)	0.19	30	...	...	...	...	...	...
燕麥	23.02	3,642	20	20	3,110	...	...	...
燕麥 (特種)	0.54	85	25	25	80	...	...	...
燕麥 (普通)	13.79	2,178	340	340	1,400	...	...	...
其他作物	1.97	...	...	...	...	...	...	...
大麻 (纖維)	0.09	15	...	...	...	...	...	...
大麻 (種子)	0.25	40	...	...	...	...	...	...
蘇子	0.13	21	...	...	...	...	...	...
棉花 (進口)	0.01	...	...	...	...	...	...	...
棉花 (本地)	0.01	...	...	...	...	...	...	...
煙草 (美國)	0.01	...	...	...	...	...	...	...
煙草 (本地)	0.01	...	...	...	...	...	...	...
亞比倫麻	0.91	144	10	10	...	...	...	...
亞比倫麻 (特種)	0.14	20	...	...	...	...	...	...
亞比倫麻 (普通)	0.02	3	...	...	...	...	...	...
芝麻	...	...	...	...	...	...	...	...
花生	...	...	...	...	...	...	...	...
甜菜	...	...	...	...	...	...	...	...
西瓜	...	...	...	...	...	...	...	...
其他作物	1.30	104	10	10	...	...	...	...
其他作物 (特種)	0.20	...	...	...	...	...	...	...
其他作物 (普通)	0.91	144	10	10	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield (hectares)
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusen

RESTRICTED
Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (for 1941)

Jarod

作物種類	總計		3		4		5		6		7		8		9		10			
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量		
總計	2,111.00	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	18,800	
大豆	18.28	21,250	0.21	2,510	0.21	2,510	0.21	2,510	0.21	2,510	0.21	2,510	0.21	2,510	0.21	2,510	0.21	2,510	0.21	2,510
綠豆	0.82	740	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
紅豆	0.82	801	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
高粱	15.73	12,707	1.81	1,517	1.81	1,517	1.81	1,517	1.81	1,517	1.81	1,517	1.81	1,517	1.81	1,517	1.81	1,517	1.81	1,517
粟	20.01	16,138	2.00	2,000	2.00	2,000	2.00	2,000	2.00	2,000	2.00	2,000	2.00	2,000	2.00	2,000	2.00	2,000	2.00	2,000
小麥	14.90	11,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
水稻	0.40	322	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
其他	0.89	537	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
大豆	0.01	55	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
綠豆	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
紅豆	7.40	8,030	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
其他	0.25	805	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
總計	7.40	8,030	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
雜糧	0.25	805	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
總計	7.40	8,030	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
雜糧	0.25	805	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
總計	7.40	8,030	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
雜糧	0.25	805	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10	0.01	10
總計	7.40	8,030	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops(hectares)
3. Damaged acreage with no yield
4. Total damaged acreage(hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Various Crops and by Hsiens (for 1941)

Khaijagar
香海縣

作物名稱	面積 (公頃)		收穫量 (公担)		產量 (公担)		其他	
	總計	受損	總計	受損	總計	受損	總計	受損
合計	12,000.00	1,000	1,000	1,000	1,000	1,000	1,000	1,000
大豆	3,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
綠豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
黃豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
高粱	1,440	270	180	180	180	180	180	180
玉米	15.20	280	230	230	230	230	230	230
小麥	12.87	244	76	76	76	76	76	76
燕麥	723	130	70	70	70	70	70	70
水稻	34.01	651	130	130	130	130	130	130
其他	15.04	283	100	100	100	100	100	100
雜糧	3.30	60	37	37	37	37	37	37
特種作物	29							
芝麻	4.30	80	80	80	80	80	80	80
花生	5.90	100	70	70	70	70	70	70

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Nung-an

東白地

農作物統計

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	面積 (公頃)			收穫量 (公噸)			收穫量 (公担)		
	總計	旱地	水田	總計	旱地	水田	總計	旱地	水田
合計	12,000.00	100,760	810	840	200	200,000	0.0	...	...
大豆	93.46	240,000	700	400	300	240,000	600	600	200,000
綠豆	11.00	31,700	110	70	40	31,000	700	700	60,000
紅豆	2.14	5,700	41	20	12	5,000	670	670	3,000
其他豆類	0.83	1,000	23	12	10	1,000	600	670	1,100
高粱	28.12	60,074	207	130	60	60,000	600	600	60,000
玉米	21.40	57,045	170	110	60	57,000	600	600	40,000
水稻	23.14	61,725	110	85	24	61,000	1,000	1,000	60,000
小麥	2.97	7,022	...	...	...	7,000	600	600	6,000
燕麥	0.04	107	...	...	...	107	2,000	2,000	2,100
粟	0.25	607	...	...	...	607	900	900	610
糜黍	2.02	50	...	...	...	50	710	710	30
綠豆	3.00	9,703	32	22	10	9,700	600	600	8,700
其他豆類	0.82	1,307	25	15	10	1,300	1,000	1,000	1,300
其他	0.40	1,307	...	...	...	1,307	600	600	600
特別作物	1.00	5,201	14	...	14	5,200	700	700	4,000
水稻	0.00	134	...	...	...	134	300	300	50
燕麥	0.70	2,002	...	...	...	2,000	600	600	1,000
粟	0.20	615	...	...	...	615	400	400	500
棉花	...	...	...	...	...	...	...	...	...
花生	...	...	...	...	...	...	...	...	...
芝麻	...	...	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...	...	...
合計	47.00	10,100	71	41	30	10,000	...	...	...
其他	4.00	100	...	...	...	100	...	...	...
其他	1.00	4,000	...	...	...	4,000	...	...	...
其他	2.00	6,000	...	...	...	6,000	...	...	...
其他	0.00	0	...	...	...	0	...	...	...
合計	7.00	10,100	...	...	...	10,100	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

744 Acreage Under Crops and Amount of Yield by Strips and by Hsiens (for 1941)

Gorlos

STAT

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 31. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

作物	1	2	3	4	5	6	7	8	9	10	11	12
合計	100.00	120,000	1,000	1,000	1,000	998,700						
計	93	108,977	1,070	1,070	1,070	998,700	700	700	100,000			
大豆	14.33	14,630	104	104	104	14,630	700	700	10,000			
綠豆	2.00	2,000	20	20	20	2,000	600	600	2,000			
紅豆	2.10	2,260	20	20	20	2,260	600	600	1,000			
其他豆類	0.00	0	0	0	0	0	0	0	0			
高粱	18.03	24,500	300	300	300	24,500	800	800	21,000			
粟	28.23	43,317	300	300	300	43,317	700	700	31,700			
玉米	18.03	30,192	250	250	250	30,192	600	600	28,000			
小計	50.43	77,739				77,739			50,000			
小豆	0.30	600				600	1,011	1,011	1,000			
大豆	0.00	0				0	719	719	0			
綠豆	11.55	18,140	60	60	60	18,140	700	700	18,170			
紅豆	0.31	475				475	700	700	0			
其他豆類	2.00	2,100	0	0	0	2,100	600	600	1,700			
小計	24.60	28,870	10	10	10	28,870	800	800	8,000			
水稻(灌溉)	0.21	310				310	310	310	0			
水稻(不灌溉)	1.10	1,819	10	10	10	1,819	600	600	1,000			
雜糧(糜子)	0.10	200				200	400	400	0			
糜子	0.00	0				0	610	610	0			
糜子(特種)	0.00	0				0	400	400	0			
糜子(特種)	0.10	200				200	400	400	0			
大麻(大麻子)	0.10	200				200	400	400	0			
大麻	0.04	500				500	400	400	0			
煙草(US種)												
煙草(本地種)												
亞麻	0.00	0				0	600	600	0			
其他	0.00	0				0	600	600	0			
小計	46.00	6,870				6,870			6,000			
其他	0.27	4,001				4,001	0	0	0			
合計	99.60	124,900				124,900			60,000			

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (for 1941)

Ch'ien-an

作物		1941		1940		1939		1938		1937	
面積 (公頃)		收穫量 (公噸)		收穫量 (公噸)		收穫量 (公噸)		收穫量 (公噸)		收穫量 (公噸)	
* 總計		24,800.00	3,800.720	3,800.720	3,800.720	3,800.720	3,800.720	3,800.720	3,800.720	3,800.720	3,800.720
* 主作物		23,800.00	3,412.000	3,412.000	3,412.000	3,412.000	3,412.000	3,412.000	3,412.000	3,412.000	3,412.000
* 大豆		14,800.00	8,650.000	8,650.000	8,650.000	8,650.000	8,650.000	8,650.000	8,650.000	8,650.000	8,650.000
* 綠豆		1,200.00	1,221.000	1,221.000	1,221.000	1,221.000	1,221.000	1,221.000	1,221.000	1,221.000	1,221.000
* 紅豆		1,810.00	1,819.000	1,819.000	1,819.000	1,819.000	1,819.000	1,819.000	1,819.000	1,819.000	1,819.000
* 其他豆類		6,190.00	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000	140.000
* 綠豆		16,820.00	16,650.000	16,650.000	16,650.000	16,650.000	16,650.000	16,650.000	16,650.000	16,650.000	16,650.000
* 其他豆類		28,480.00	28,650.000	28,650.000	28,650.000	28,650.000	28,650.000	28,650.000	28,650.000	28,650.000	28,650.000
* 高粱		18,880.00	18,714.000	18,714.000	18,714.000	18,714.000	18,714.000	18,714.000	18,714.000	18,714.000	18,714.000
* 小麥		6,040.00	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000
* 水稻		—	—	—	—	—	—	—	—	—	—
* 大麻		14,200.00	14,218.000	14,218.000	14,218.000	14,218.000	14,218.000	14,218.000	14,218.000	14,218.000	14,218.000
* 燕麥		6,100.00	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
* 粟		4,120.00	4,125.000	4,125.000	4,125.000	4,125.000	4,125.000	4,125.000	4,125.000	4,125.000	4,125.000
* 特殊作物		1,000.00	1,812.000	1,812.000	1,812.000	1,812.000	1,812.000	1,812.000	1,812.000	1,812.000	1,812.000
* 大麻		1,000.00	131.000	131.000	131.000	131.000	131.000	131.000	131.000	131.000	131.000
* 苧麻		1,000.00	421.000	421.000	421.000	421.000	421.000	421.000	421.000	421.000	421.000
* 棉花		800.00	270.000	270.000	270.000	270.000	270.000	270.000	270.000	270.000	270.000
* 煙草		—	—	—	—	—	—	—	—	—	—
* 亞麻		0.03	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
* 苧麻		0.17	170.000	170.000	170.000	170.000	170.000	170.000	170.000	170.000	170.000
* 大麻		—	—	—	—	—	—	—	—	—	—
* 大麻		0.27	270.000	270.000	270.000	270.000	270.000	270.000	270.000	270.000	270.000
* 大麻		0.22	220.000	220.000	220.000	220.000	220.000	220.000	220.000	220.000	220.000
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—
* 其他		—	—	—	—	—	—	—	—	—	—

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Ta-Lai

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, Native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	總計		旱地		水田		其他	
	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)
合計	4,000.00	66,300	4,000	4,000	—	—	—	—
大豆	13.00	9,410	13	9,410	—	—	—	—
綠豆	0.25	2,000	0.25	2,000	—	—	—	—
紅豆	0.21	2,500	0.21	2,500	—	—	—	—
高粱	18.28	18,070	18.28	18,070	—	—	—	—
粟	20.88	20,234	20.88	20,234	—	—	—	—
玉米	18.50	18,221	18.50	18,221	—	—	—	—
小麥	2.18	2,181	2.18	2,181	—	—	—	—
其他	—	—	—	—	—	—	—	—
大豆	—	—	—	—	—	—	—	—
綠豆	—	—	—	—	—	—	—	—
紅豆	—	—	—	—	—	—	—	—
高粱	—	—	—	—	—	—	—	—
粟	—	—	—	—	—	—	—	—
玉米	—	—	—	—	—	—	—	—
小麥	—	—	—	—	—	—	—	—
其他	—	—	—	—	—	—	—	—
大豆	—	—	—	—	—	—	—	—
綠豆	—	—	—	—	—	—	—	—
紅豆	—	—	—	—	—	—	—	—
高粱	—	—	—	—	—	—	—	—
粟	—	—	—	—	—	—	—	—
玉米	—	—	—	—	—	—	—	—
小麥	—	—	—	—	—	—	—	—
其他	—	—	—	—	—	—	—	—
大豆	—	—	—	—	—	—	—	—
綠豆	—	—	—	—	—	—	—	—
紅豆	—	—	—	—	—	—	—	—
高粱	—	—	—	—	—	—	—	—
粟	—	—	—	—	—	—	—	—
玉米	—	—	—	—	—	—	—	—
小麥	—	—	—	—	—	—	—	—
其他	—	—	—	—	—	—	—	—
大豆	—	—	—	—	—	—	—	—
綠豆	—	—	—	—	—	—	—	—
紅豆	—	—	—	—	—	—	—	—
高粱	—	—	—	—	—	—	—	—
粟	—	—	—	—	—	—	—	—
玉米	—	—	—	—	—	—	—	—
小麥	—	—	—	—	—	—	—	—
其他	—	—	—	—	—	—	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Area Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

An-kuang

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruasan

Crop	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)	
	Total	Damaged	Total	Damaged	Total	Damaged
合計	1,100,000	91,400	8,800	6,200	8,000	6,800
普通作物	84,000	28,710	8,000	5,970	9,500	10,700
大豆	7,870	8,830	450	200	5,600	830
綠豆	1,110	1,011	120	120	801	870
紅豆	110	804	80	80	570	830
其他豆類	130	1,170	100	100	1,070	500
高粱	24,440	22,120	2,550	1,050	1,150	10,300
粟	22,720	22,850	2,100	1,200	900	21,000
玉米	20,700	18,710	1,801	1,350	181	17,100
小麦	0,710	850	50	30	20	600
水稻	0,000	20	15	5	5	500
其他雜糧	5,700	5,100	850	450	100	4,500
其他	1,400	1,300	300	200	100	900
其他	4,700	4,210	850	850	130	3,400
特用作物	1,000	720	30	0	80	410
大麻	0,000	80	0	0	0	300
子實	0,000	480	0	0	480	480
子實	0,000	10	0	0	10	500
其他	0,000	0,000	0,000	0,000	0,000	0,000
其他	0,100	87	10	0	77	300
其他	0,000	80	0	0	80	400
其他	0,000	40	4	4	40	410
其他	0,100	170	10	10	100	410
其他	1,100	1,400	220	170	50	400
其他	5,000	2,500	200	100	1,000	6,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsiens (for 1941)

Hua-tien
 華 會 縣

Crop	Unit	Acreage (hectares)				Yield (MT)			
		Total	Damaged	Harvested	Yield	Total	Damaged	Harvested	Yield
1. Percentage of various crops									
2. Acreage under crops (hectares)		49,400	970						
3. Damaged acreage with no yield									
4. Total damaged acreage (hectares)									
5. By drought (hectares)									
6. By floods (hectares)									
7. By others (hectares)									
8. Acreage harvested (hectares)		48,430							
9. Yield per hectare (kg)									
10. Total yield (MT)									
11. Kinds of crops									
12. Total									
13. Principal crops, sub-total									
14. Soybeans									
15. Red beans									
16. Green beans									
17. Other kinds of beans									
18. Kaoliang									
19. Italian millet									
20. Maize									
21. Wheat									
22. Rice (irrigated)									
23. Rice (unirrigated)									
24. Barley									
25. Oats									
26. Millet									
27. Sawa millet									
28. Buckwheat									
29. Special crops, sub-total									
30. Ramie for fiber									
31. Ramie for seeds									
32. Perilla seeds									
33. Cotton, imported species									
34. Cotton, native species									
35. Tobacco, US species									
36. Tobacco, native species									
37. Abutilon hemp									
38. Flax									
39. Hemp									
40. Castor-oil seeds									
41. Sesame seeds									
42. Peanuts									
43. Sugar beets									
44. Melon seeds									
45. Others									
46. Other crops, sub-total									
47. Fruits									
48. Potatoes									
49. Fresh vegetables									
50. Ruusan									

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Halens (1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Pian-shih		普通作物									
作物		面積		收穫量		收穫率		收穫量		收穫率	
種類	單位	公頃	畝	公噸	石	公噸	石	公噸	石	公噸	石
合計	計	12,100.00	118,920	4,100	220	2,700	11,000	1,100	1,700	200,000	10,000
小計	計	13	100,000	3,000	200	2,000	100,000	1,000	1,000	200,000	10,000
大豆	豆	17.50	20,210	900	200	100	10,210	600	1,000	10,000	10,000
綠豆	豆	2.00	3,100	81	81	81	3,100	700	810	2,700	2,700
其他豆類	豆	0.10	200	—	—	—	200	200	200	200	200
高粱	粟	17.75	20,577	700	70	800	10,210	600	600	10,000	10,000
燕麥	麥	8.25	7,240	251	251	251	7,240	1,000	1,150	7,000	7,000
小麥	麥	31.40	38,424	1,004	—	1,004	35,000	1,200	1,270	44,000	44,000
水稻	稻	0.50	574	35	35	35	574	710	710	710	710
其他穀類	穀	8.15	8,453	284	—	284	8,453	2,100	2,241	20,000	20,000
其他豆類	豆	0.37	430	5	5	5	430	1,100	1,100	600	600
其他穀類	穀	0.38	440	20	20	20	440	700	700	810	810
其他豆類	豆	1.00	1,000	—	—	—	1,000	1,001	1,001	1,000	1,000
其他穀類	穀	2.40	2,400	—	—	—	2,400	1,300	1,300	8,100	8,100
其他豆類	豆	1.00	1,000	—	—	—	1,000	820	820	1,000	1,000
小計	計	70	8,000	800	800	800	8,000	—	—	—	—
大豆	豆	1.51	1,700	800	800	800	1,711	300	311	800	800
綠豆	豆	0.90	85	85	85	85	85	700	700	700	700
其他豆類	豆	0.60	400	—	—	—	400	800	800	800	800
高粱	粟	—	—	—	—	—	—	—	—	—	—
燕麥	麥	0.15	200	—	—	—	200	1,000	1,000	200	200
小麥	麥	0.07	70	—	—	—	70	800	800	700	700
其他穀類	穀	0.06	74	—	—	—	74	800	800	700	700
其他豆類	豆	—	—	—	—	—	—	—	—	—	—
其他穀類	穀	0.17	200	10	10	10	200	400	410	400	400
其他豆類	豆	0.10	117	—	—	—	117	870	870	870	870
其他穀類	穀	0.07	70	—	—	—	70	600	600	600	600
小計	計	44	5,000	—	—	—	5,000	—	—	—	—
其他豆類	豆	2.10	2,000	—	—	—	2,000	1,000	1,000	1,000	1,000
其他穀類	穀	1.00	1,000	—	—	—	1,000	1,000	1,000	1,000	1,000
其他豆類	豆	1.00	1,000	—	—	—	1,000	1,000	1,000	1,000	1,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By flood (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawe millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rumsan

RESTRICTED

150 Acreage Under Crops and Amount of Yield by Group and by Hsians (For 1941)

Kai-an

作物種類	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
全計	2,106,000	196,100	1,870,000	1,740,000	1,600,000	1,400,000	1,300,000	1,200,000	1,100,000	1,000,000	900,000	800,000	700,000	600,000	500,000	400,000	300,000	200,000	100,000	100,000	100,000	100,000	100,000	100,000
大豆	33,000	36,000	414	270	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
綠豆	2,500	4,000	270	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
紅豆	8,000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
高粱	14,000	21,000	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
玉米	17,700	26,700	200	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
水稻	1,200	1,200	60	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
小麥	1,000	1,000	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
燕麥	1,000	1,000	140	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
粟	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他	1,700	2,000	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
特殊作物	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
大麻	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
苧麻	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
苧麻子	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
棉花	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
棉子	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他作物	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By flood (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sorghum millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Runsen

RESTRICTED

150 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For Hei-an)

作物種類	面積	收穫量	備註	面積	收穫量	備註	面積	收穫量	備註
合計	12,100.00	100,100	1,000	...	...	...	...	...	...
普通作物	10,250	100,000	1,000	...	...	...	...	...	...
大豆	2,000	30,000	414	...	...	...	...	...	...
綠豆	1,000	15,000	...	...	...	...	...	...	...
紅豆	1,000	15,000	...	...	...	...	...	...	...
高粱	2,000	40,000	...	...	...	...	...	...	...
粟	1,000	20,000	...	...	...	...	...	...	...
小麥	1,000	20,000	...	...	...	...	...	...	...
燕麥	1,000	20,000	...	...	...	...	...	...	...
水稻	1,000	20,000	...	...	...	...	...	...	...
其他	1,000	20,000	...	...	...	...	...	...	...
特殊作物	1,850	2,000	110	...	...	...	...	...	...
大麻	1,000	1,000	...	...	...	...	...	...	...
苧麻	1,000	1,000	...	...	...	...	...	...	...
棉花	1,000	1,000	...	...	...	...	...	...	...
煙草	1,000	1,000	...	...	...	...	...	...	...
亞麻	1,000	1,000	...	...	...	...	...	...	...
其他	1,000	1,000	...	...	...	...	...	...	...
其他作物	1,850	2,000	110	...	...	...	...	...	...
果實	1,000	1,000	...	...	...	...	...	...	...
蔬菜	1,000	1,000	...	...	...	...	...	...	...
其他	1,000	1,000	...	...	...	...	...	...	...
合計	12,100.00	100,100	1,000	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Tung-feng

作物	面積	總產量		單位產量		收穫量		單位收穫量	
		公頃	公担	公頃	公担	公頃	公担	公頃	公担
全部	2,100.00	100,000	2,470	1,000	100,000	1,000	1,000	100,000	1,000
小計	81.78	140,000	2,100	1,014	800	100,000	1,000	1,000	100,000
大豆	21.85	33,940	800	470	100	83,140	1,100	1,101	34,000
綠豆	0.21	8,000	420	250	170	8,000	700	800	1,000
紅豆	0.09	30	—	—	—	80	771	771	70
其他豆類	0.21	320	—	—	—	330	540	840	310
高粱	20.24	31,000	100	500	20	31,000	1,071	1,500	40,000
燕麥	10.20	18,100	220	104	121	15,000	1,100	1,121	17,000
小麥	25.00	40,000	340	270	70	20,740	1,431	1,400	28,000
水稻	0.42	800	—	—	—	50	800	800	800
其他稻類	1.83	2,850	70	40	22	2,401	2,370	2,400	2,400
其他穀類	1.00	2,000	100	40	60	2,000	1,901	1,100	2,100
雜糧	0.10	150	—	—	—	100	1,100	1,100	100
粟	1.44	2,250	15	15	3	2,237	1,000	1,010	2,100
黍	1.70	2,740	50	87	5	2,653	1,110	1,100	2,600
其他	0.47	730	0	3	2	730	800	850	470
小計	2.97	2,820	80	40	40	2,840	—	—	—
大麻	0.20	850	30	8	30	510	300	300	100
苧麻	0.15	240	—	—	—	240	800	800	100
其他纖維	0.30	800	45	31	14	510	400	540	200
紫蘇	0.33	510	—	—	—	210	1,140	1,100	800
其他種子	0.33	820	—	—	—	820	800	840	200
煙草(美國)	0.04	80	—	—	—	80	500	500	20
煙草(本地)	0.08	120	—	—	—	120	1,300	1,300	170
其他	0.02	30	—	—	—	30	401	401	10
小計	0.87	10,200	800	100	80	10,000	—	—	—
其他	0.77	8,000	100	70	50	8,000	8,000	8,100	8,000
其他	0.10	4,200	100	30	30	4,000	—	—	—
小計	0.87	—	—	—	—	—	—	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsians (For 1941)

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

海龍省

Haï-lung

作物名稱	單位	面積		產量		收穫量	
		公頃	畝	公噸	担	公噸	担
合計		100.00	116,400	316,000	3,160,000	316,000	3,160,000
普通作物		88.26	116,400	316,000	3,160,000	316,000	3,160,000
大豆		22.26	26,360	20,360	1,100	1,100	20,360
綠豆		0.47	7,000	7,000	300	300	7,000
黃豆		0.02	24	24	800	800	24
其他豆類		0.29	200	200	800	800	200
高粱		12.84	23,400	23,400	1,810	1,810	23,400
粟		8.60	11,300	11,300	1,100	1,100	11,300
玉米		24.71	26,100	26,100	1,700	1,700	26,100
小麥		0.16	104	104	94	94	104
水稻		7.05	8,000	8,000	2,540	2,540	8,000
其他穀類		0.48	804	804	1,300	1,300	804
燕麥		0.08	80	80	1,210	1,210	80
大麥		1.00	1,100	1,100	1,070	1,070	1,100
雜糧		1.87	2,301	2,301	1,110	1,110	2,301
薯類		0.70	827	827	710	710	827
特別作物		1.18	1,600	1,600	...	...	1,600
大麻		0.31	300	300	370	370	300
苧麻		0.02	24	24	800	800	24
其他纖維		0.21	240	240	701	701	240
棉花		0.83	750	750	1,200	1,200	750
棉子		0.06	82	82	704	704	82
其他棉類		0.08	82	82	800	800	82
煙草		0.04	50	50	1,200	1,200	50
其他		0.40	4,100	4,100	...	...	4,100
其他作物		1.10	2,000	2,000	...	...	2,000
其他		1.11	2,000	2,000	...	...	2,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rumsan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Ching-yuan

作物	面積 (公頃)	收穫量 (公担)	3. 收穫量				收穫率 (%)	單位面積 收穫量 (公担/公頃)
			4. 總收穫量	5. 灌溉收穫量	6. 旱地收穫量	7. 其他收穫量		
合計	1,101,000	28,000	28,000	...	...	...	...
大豆	31.00	17,401	17,401	1,181	1,181	561	561	
綠豆	1.74	968	968	...	...	...	...
紅豆	0.28	170	170	...	...	...	...
其他豆類	19.78	10,988	10,988	1,000	1,000	500	500	
小豆	11.00	8,832	8,832	...	...	...	...
綠豆	18.00	10,910	10,910	1,000	1,000	500	500	
其他豆類	0.78	80	80	...	...	...	...
其他豆類	0.20	165	165	...	...	...	...
其他豆類	0.20	110	110	...	...	...	...
其他豆類	0.20	114	114	...	...	...	...
其他豆類	0.15	72	72	...	...	...	...
其他豆類	0.18	100	100	...	...	...	...
小豆	1.88	1,088	1,088	...	...	...	...
其他豆類	0.24	134	134	...	...	...	...
其他豆類	0.07	40	40	...	...	...	...
其他豆類	0.40	222	222	...	...	...	...
其他豆類	0.82	280	280	...	...	...	...
其他豆類	0.08	30	30	...	...	...	...
其他豆類	0.08	38	38	...	...	...	...
其他豆類	0.18	100	100	...	...	...	...
其他豆類	0.34	188	188	...	...	...	...
其他豆類	1.10	1,001	1,001	...	...	...	...
其他豆類	1.22	900	900	...	...	...	...
其他豆類	1.88	1,001	1,001	...	...	...	...

STAT

STAT

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

RESTRICTED

164 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Hsing-ching

Crop Name	Area (Hectares)		Yield (MT)	
	Total	Damaged	Total	Yield per Hectare
Principal Crops	1,164.00	88.81	875.19	750.00
Soybeans	23.87	18.28	18,280	770.00
Red beans	3.19	2,892	2,892	906.93
Green beans	0.41	284	284	700.00
Kaoliang	0.82	200	200	250.00
Italian millet	24.29	18,822	18,822	775.00
Maize	8.83	8,350	8,350	945.64
Wheat	18.30	11,697	11,697	640.00
Rice (irrigated)	0.14	82	82	585.71
Rice (unirrigated)	8.14	5,201	5,201	638.95
Barley	0.09	57	57	633.33
Oats	0.50	321	321	642.00
Millet	0.03	19	19	633.33
Sava millet	0.03	214	214	713.33
Buckwheat	0.06	232	232	386.67
Special crops	0.14	478	478	341.43
Other Crops	2,300	2,370	46	2.00
Fruits	0.72	1,740	46	6.67
Potatoes	0.01	6	6	600.00
Vegetables	0.01	132	132	132.00
Others	0.01	327	327	327.00
Tobacco	0.01	192	192	192.00
Cotton	0.01	6	6	600.00
Perilla	0.01	6	6	600.00
Castor-oil	0.01	6	6	600.00
Flax	0.01	6	6	600.00
Sesame	0.01	6	6	600.00
Peanuts	0.01	6	6	600.00
Sugar beets	0.01	6	6	600.00
Melon seeds	0.01	6	6	600.00
Others	0.01	6	6	600.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Field by Crops and by Hsians (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawe millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rusan

作物	1941		1940		1939		1938		1937	
	面积	产量	面积	产量	面积	产量	面积	产量	面积	产量
全部	12,100.00	61,000	10,000	50,000	9,000	45,000	8,000	40,000	7,000	35,000
大田作物	10,000	50,000	8,000	40,000	7,000	35,000	6,000	30,000	5,000	25,000
水稻	8,000	40,000	7,000	35,000	6,000	30,000	5,000	25,000	4,000	20,000
小麦	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
高粱	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
大豆	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
其他	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
小田作物	2,100.00	11,000	2,000	10,000	2,000	10,000	2,000	10,000	2,000	10,000
棉花	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
烟草	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
其他	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000
其他	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000	1,000	5,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

166 Acreage Under Crops and Amount of Yield by Group and by Hsiens (For 1941)

Meng-shian

Table with columns for crop types (e.g., Rice, Wheat, Soybeans) and rows for statistical data. Includes handwritten annotations like '33', '29', '46', '47' and numerical values. The table is organized into several sections with sub-totals.

- 1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

STAT

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

184 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Manchuria

Crop	Hectares	Yield (MT)	Percentage of Total	
			Acreage	Yield
Total	12,100.00	2,200.00	100.00	100.00
Principal crops	11,000.00	1,800.00	90.91	81.82
Special crops	1,100.00	400.00	9.09	18.18
Other crops	100.00	100.00	0.82	4.55
Sub-totals				
Soybeans	10,210.00	810.00	84.37	36.82
Red beans	44,210.00	1,700.00	36.71	77.27
Green beans	3,440.00	210.00	28.51	9.55
Other kinds of beans	3,330.00	210.00	34.53	9.55
Kaoliang	5,600.00	330.00	10.00	14.55
Italian millet	1,000.00	50.00	8.33	2.27
Maize	800.00	40.00	6.67	1.82
Wheat	2,330.00	140.00	20.00	6.36
Rice (irrigated)	1,000.00	50.00	8.33	2.27
Rice (unirrigated)	800.00	40.00	6.67	1.82
Barley	2,330.00	140.00	20.00	6.36
Oats	1,000.00	50.00	8.33	2.27
Millet	1,000.00	50.00	8.33	2.27
Sava millet	1,000.00	50.00	8.33	2.27
Buckwheat	1,000.00	50.00	8.33	2.27
Special crops	1,100.00	400.00	9.09	18.18
Ramie for fiber	1,000.00	300.00	9.09	13.64
Ramie for seeds	100.00	100.00	0.82	4.55
Perilla seeds	100.00	100.00	0.82	4.55
Cotton, imported species	0.10	1.00	0.00	0.05
Cotton, native species	0.10	1.00	0.00	0.05
Tobacco, US species	0.10	1.00	0.00	0.05
Tobacco, native species	0.10	1.00	0.00	0.05
Abutilon hemp	0.10	1.00	0.00	0.05
Flax	0.10	1.00	0.00	0.05
Hemp	0.10	1.00	0.00	0.05
Castor-oil seeds	0.10	1.00	0.00	0.05
Sesame seeds	0.10	1.00	0.00	0.05
Peanuts	0.10	1.00	0.00	0.05
Sugar beets	0.10	1.00	0.00	0.05
Melon seeds	0.10	1.00	0.00	0.05
Others	100.00	100.00	0.82	4.55
Other crops	100.00	100.00	0.82	4.55
Fruits	100.00	100.00	0.82	4.55
Potatoes	100.00	100.00	0.82	4.55
Fresh vegetables	100.00	100.00	0.82	4.55
Ruusan	100.00	100.00	0.82	4.55

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Lin-ho

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Parilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

作物	1941			1940			1939		
	面积 (ha)	产量 (kg)	平均 (kg/ha)	面积 (ha)	产量 (kg)	平均 (kg/ha)	面积 (ha)	产量 (kg)	平均 (kg/ha)
大豆	24.81	20,727	170	20	18,000	180	25	21,000	280
绿豆	3.11	2,584	830	7	5,500	786	5	4,000	800
其他豆	0.26	284	1,092	254	700	2,756	700	700	1,000
红小豆	0.84	700	833	700	834	1,191	834	834	1,000
青豆	12.27	10,248	835	47	10,000	2,128	1,000	1,350	13,500
蚕豆	8.72	7,280	835	13	7,270	559	1,000	1,000	7,000
豌豆	27.96	23,354	835	56	23,300	416	1,000	1,000	26,300
其他豆	2.23	1,892	848	6	1,700	283	555	555	670
小计	10.91	9,118	835	11	9,977	2,104	2,200	2,200	18,170
高粱	0.25	180	720	11	180	1,118	1,118	1,118	901
意大利小米	0.44	367	834	13	364	834	720	720	834
小麦	1.02	848	835	448	835	835	835	835	700
水稻	0.35	284	811	284	1,104	1,104	1,104	1,104	318
大麦	0.74	619	835	619	835	835	835	835	432
其他	1.02	848	835	448	835	835	835	835	700
小计	1.27	1,024	811	11	1,024	811	811	811	700
水稻	0.35	284	811	284	1,104	1,104	1,104	1,104	318
其他	0.74	619	835	619	835	835	835	835	432
小计	1.09	893	811	11	900	811	811	811	700
大麻	0.00	720	835	835	720	835	720	835	184
大麻子	0.00	2	2	2	417	417	417	417	184
其他	0.11	90	818	90	818	818	818	818	90
棉花	0.07	56	800	56	800	800	800	800	47
棉花	0.15	122	813	122	813	813	813	813	67
烟草	0.04	31	775	31	775	775	775	775	15
烟草	0.33	272	824	272	824	824	824	824	184
大麻	0.01	6	600	6	600	600	600	600	4
大麻	0.01	12	1,200	12	1,200	1,200	1,200	1,200	4
其他	0.01	8	800	8	800	800	800	800	4
其他	0.01	12	1,200	12	1,200	1,200	1,200	1,200	4
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46
小计	0.46	3,000	650	46	3,000	650	650	650	46
其他	0.46	3,000	650	46	3,000	650	650	650	46

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seed
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Fu-sung

Crop	Acreage (Hectares)		Yield (MT)		Percentage (%)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal Crops	12,000.00	11,000.00	1,000.00	900.00	8.33	7.73
大豆 (Soybeans)	17.70	3,025	10	10	3,000	540
綠豆 (Green beans)	1.30	284	20	20	200	200
紅豆 (Red beans)	0.15	30	30	30	700	700
其他豆類 (Other beans)	0.21	42	42	42	900	900
高粱 (Kaoliang)	1.73	354	354	354	1,270	1,270
玉米 (Maize)	3.26	667	667	667	1,970	1,970
小麥 (Wheat)	44.06	8,025	4	4	8,021	1,470
燕麥 (Oats)	8.58	1,745	1,745	1,745	700	700
粟 (Millet)	0.32	66	10	10	48	1,000
水稻 (Rice)	5.44	1,114	1,114	1,114	841	841
其他穀類 (Other grains)	0.16	33	33	33	520	520
小計 (Sub-total)	0.37	75	75	75	70	70
其他 (Others)	0.42	87	87	87	87	87
其他 (Others)	0.17	35	35	35	404	404
Special Crops	1.48	1,328	85	85	1,400	1,400
大麻 (Ramie)	2.87	647	85	85	450	250
苧麻 (Ramie for seeds)	0.15	28	28	28	311	311
其他 (Others)	0.43	97	97	97	639	639
棉花 (Cotton)	1.71	350	350	350	520	520
其他 (Others)	0.03	60	60	60	442	442
其他 (Others)	0.48	95	95	95	442	442
Other Crops	8.00	1,600	1,600	1,600	1,600	1,600
其他 (Others)	8.00	1,600	1,600	1,600	1,600	1,600
其他 (Others)	8.00	1,600	1,600	1,600	1,600	1,600

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rumanan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For China)

作物	1941		1940		1939		1938		1937	
	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)	面積 (公頃)	產量 (公担)
總計	100.00	14100	100.00	14100	100.00	14100	100.00	14100	100.00	14100
大豆	17.00	2,500	17.00	2,500	17.00	2,500	17.00	2,500	17.00	2,500
綠豆	0.11	97	0.11	97	0.11	97	0.11	97	0.11	97
黃豆	1.87	286	1.87	286	1.87	286	1.87	286	1.87	286
蠶豆	1.31	188	1.31	188	1.31	188	1.31	188	1.31	188
其他豆類	10.89	1,589	10.89	1,589	10.89	1,589	10.89	1,589	10.89	1,589
高粱	27.28	3,894	27.28	3,894	27.28	3,894	27.28	3,894	27.28	3,894
小麥	4.70	674	4.70	674	4.70	674	4.70	674	4.70	674
大麥	2.01	288	2.01	288	2.01	288	2.01	288	2.01	288
其他小麥類	12.57	1,700	12.57	1,700	12.57	1,700	12.57	1,700	12.57	1,700
燕麥	0.72	104	0.72	104	0.72	104	0.72	104	0.72	104
粟	1.51	215	1.51	215	1.51	215	1.51	215	1.51	215
黍	2.18	310	2.18	310	2.18	310	2.18	310	2.18	310
其他雜糧	4.02	570	4.02	570	4.02	570	4.02	570	4.02	570
特別作物	29.00	4,000	29.00	4,000	29.00	4,000	29.00	4,000	29.00	4,000
大麻	1.00	170	1.00	170	1.00	170	1.00	170	1.00	170
苧麻	0.10	20	0.10	20	0.10	20	0.10	20	0.10	20
其他纖維作物	0.10	20	0.10	20	0.10	20	0.10	20	0.10	20
煙草	0.10	30	0.10	30	0.10	30	0.10	30	0.10	30
其他	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
其他作物	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000	1.00	1,000
水果	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
蔬菜	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
其他	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Lin-chiang

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)	
	Total	Damaged	Total	Damaged	Total	Damaged
豆類作物 (豆類作物)	34,400	35,000	1,100	900	32,000	1,000
大豆 (大豆)	21,777	7,100	450	100	4,700	600
綠豆 (綠豆)	2,300	700	21	10	700	200
紅豆 (紅豆)	0,100	0	0	0	0	0
其他豆類 (其他豆類)	1,400	400	11	0	470	0
禾類作物 (禾類作物)	14,700	4,500	101	0	4,700	1,170
高粱 (高粱)	11,000	3,000	0	0	3,710	0
小麥 (小麥)	3,300	11,101	447	300	10,700	1,500
燕麥 (燕麥)	2,700	0	0	0	0	0
粟 (粟)	0,01	0	0	0	1,000	1,000
其他禾類 (其他禾類)	1,700	0	4	0	590	771
雜糧作物 (雜糧作物)	0,00	220	3	0	220	0
燕麥 (燕麥)	0,10	0	0	0	0	0
其他雜糧 (其他雜糧)	0,30	110	4	0	110	500
特別作物 (特別作物)	1,70	0	100	0	0	0
大麻 (大麻)	700,01	300	0	70	0	0
苧麻 (苧麻)	0,10	0	0	0	0	0
棉花 (棉花)	0,00	100	0	0	0	0
棉子 (棉子)	0,00	0	0	0	0	0
烟草 (烟草)	0,01	0	0	0	0	0
亞麻 (亞麻)	0,10	0	0	0	0	0
大麻子 (大麻子)	0,01	0	0	0	0	0
其他特別作物 (其他特別作物)	0,10	0	0	0	0	0
其他作物 (其他作物)	0,70	1,000	0	0	1,000	0
其他 (其他)	0,70	0	0	0	0	0
總計 (總計)	50,800	50,800	1,600	900	50,800	1,600

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

108 Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941) Chi-an

Crop	Acreage (Hectares)		Yield (MT)		Percentage (%)	
	Total	Damaged	Total	Damaged	Total	Damaged
全部作物	100.00	28.00	100.00	28.00	100.00	28.00
主要作物	73.00	21.00	73.00	21.00	73.00	21.00
大豆	18.40	0.00	18.40	0.00	18.40	0.00
綠豆	3.90	1.31	3.90	1.31	3.90	1.31
其他豆	0.90	0.00	0.90	0.00	0.90	0.00
高粱	15.40	0.00	15.40	0.00	15.40	0.00
玉米	6.70	2.00	6.70	2.00	6.70	2.00
小麥	28.00	18.50	28.00	18.50	28.00	18.50
其他小麥	0.30	0.00	0.30	0.00	0.30	0.00
水稻	6.10	2.00	6.10	2.00	6.10	2.00
其他水稻	0.02	0.00	0.02	0.00	0.02	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00
特殊作物	29.00	7.00	29.00	7.00	29.00	7.00
大麻	0.01	0.00	0.01	0.00	0.01	0.00
苧麻	0.00	0.00	0.00	0.00	0.00	0.00
苧麻子	0.00	0.00	0.00	0.00	0.00	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00
其他作物	0.00	0.00	0.00	0.00	0.00	0.00
其他	0.00	0.00	0.00	0.00	0.00	0.00

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rumsan

Acreage Under Crops and Amount of Yield by Crops
 農作物之收穫面積及產量
 Huan-Jen
 關東州

Crop	1941		1940		1939		1938		1937		1936	
	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)
Total	2,000	27,000	100	100	100	100	100	100	100	100	100	100
Principal crops	73	22,000	100	100	100	100	100	100	100	100	100	100
Soybeans	10.34	5,800	100	100	100	100	100	100	100	100	100	100
Red beans	3.40	2,500	100	100	100	100	100	100	100	100	100	100
Green beans	0.82	300	100	100	100	100	100	100	100	100	100	100
Other beans	11.18	4,100	100	100	100	100	100	100	100	100	100	100
Kaoliang	0.80	200	100	100	100	100	100	100	100	100	100	100
Italian millet	1.00	300	100	100	100	100	100	100	100	100	100	100
Maize	0.28	140	100	100	100	100	100	100	100	100	100	100
Wheat	2.81	1,000	100	100	100	100	100	100	100	100	100	100
Rice (irrigated)	0.81	1,700	100	100	100	100	100	100	100	100	100	100
Rice (unirrigated)	3.47	1,200	100	100	100	100	100	100	100	100	100	100
Barley	0.18	60	100	100	100	100	100	100	100	100	100	100
Oats	0.14	50	100	100	100	100	100	100	100	100	100	100
Millet	0.04	20	100	100	100	100	100	100	100	100	100	100
Sawa millet	0.02	7	100	100	100	100	100	100	100	100	100	100
Buckwheat	0.24	80	100	100	100	100	100	100	100	100	100	100
Special crops	0.08	10	100	100	100	100	100	100	100	100	100	100
Ramie for fiber	0.10	30	100	100	100	100	100	100	100	100	100	100
Ramie for seeds	0.30	110	100	100	100	100	100	100	100	100	100	100
Perilla seeds	0.00	0	100	100	100	100	100	100	100	100	100	100
Cotton (imported)	0.00	0	100	100	100	100	100	100	100	100	100	100
Cotton (native)	0.00	0	100	100	100	100	100	100	100	100	100	100
Tobacco (US)	0.00	0	100	100	100	100	100	100	100	100	100	100
Tobacco (native)	0.00	0	100	100	100	100	100	100	100	100	100	100
Abutilon hemp	0.10	30	100	100	100	100	100	100	100	100	100	100
Flax	0.00	0	100	100	100	100	100	100	100	100	100	100
Hemp	0.00	0	100	100	100	100	100	100	100	100	100	100
Castor-oil seeds	0.00	0	100	100	100	100	100	100	100	100	100	100
Sesame seeds	0.00	0	100	100	100	100	100	100	100	100	100	100
Peanuts	0.00	0	100	100	100	100	100	100	100	100	100	100
Melon seeds	0.00	0	100	100	100	100	100	100	100	100	100	100
Other crops	0.00	0	100	100	100	100	100	100	100	100	100	100
Fruits	0.00	0	100	100	100	100	100	100	100	100	100	100
Potatoes	0.00	0	100	100	100	100	100	100	100	100	100	100
Fresh vegetables	0.00	0	100	100	100	100	100	100	100	100	100	100
Rumsan	0.00	0	100	100	100	100	100	100	100	100	100	100

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. ats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
 1941 and by Hsiens (For 1941) Kirin City
 京 綏 鐵 道 地 方
 吉 林 省

作物名稱	單位	1941年		1940年		1939年		1938年		1937年	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	公頃	100.00	19,800	100.00	19,800	100.00	19,800	100.00	19,800	100.00	19,800
主要作物	公頃	73.00	6,330	73.00	6,330	73.00	6,330	73.00	6,330	73.00	6,330
大豆	公頃	13.80	1,501	13.80	1,501	13.80	1,501	13.80	1,501	13.80	1,501
綠豆	公頃	0.80	40	0.80	40	0.80	40	0.80	40	0.80	40
其他豆類	公頃	0.10	10	0.10	10	0.10	10	0.10	10	0.10	10
高粱	公頃	14.90	2,011	14.90	2,011	14.90	2,011	14.90	2,011	14.90	2,011
粟	公頃	0.70	815	0.70	815	0.70	815	0.70	815	0.70	815
玉米	公頃	3.82	430	3.82	430	3.82	430	3.82	430	3.82	430
小麥	公頃	0.05	7	0.05	7	0.05	7	0.05	7	0.05	7
水稻	公頃	2.70	310	2.70	310	2.70	310	2.70	310	2.70	310
大麥	公頃	0.40	83	0.40	83	0.40	83	0.40	83	0.40	83
燕麥	公頃	0.05	5	0.05	5	0.05	5	0.05	5	0.05	5
其他	公頃	3.88	441	3.88	441	3.88	441	3.88	441	3.88	441
雜糧	公頃	0.04	5	0.04	5	0.04	5	0.04	5	0.04	5
特別作物	公頃	25.00	6,000	25.00	6,000	25.00	6,000	25.00	6,000	25.00	6,000
大麻	公頃	0.81	80	0.81	80	0.81	80	0.81	80	0.81	80
苧麻	公頃	0.89	87	0.89	87	0.89	87	0.89	87	0.89	87
棉花	公頃	0.30	30	0.30	30	0.30	30	0.30	30	0.30	30
煙草	公頃	0.12	10	0.12	10	0.12	10	0.12	10	0.12	10
亞麻	公頃	0.11	10	0.11	10	0.11	10	0.11	10	0.11	10
其他	公頃	0.04	4	0.04	4	0.04	4	0.04	4	0.04	4
其他作物	公頃	0.04	4	0.04	4	0.04	4	0.04	4	0.04	4
其他	公頃	0.04	4	0.04	4	0.04	4	0.04	4	0.04	4

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Yung-chi

作物名稱	總計		1		2		3		4		5		6		7		8		9		10	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
總計	2,304,000	226,000	2,304,000	226,000																		
主要作物	713	222,000	713	222,000																		
大豆	21,400	89,201	21,400	1,079																		
綠豆	1,811	2,170	1,811	89																		
紅豆	0,118	428	0,118	24																		
其他豆類	0,114	344	0,114	9																		
高粱	15,770	28,184	15,770	279																		
粟	16,477	79,532	16,477	226																		
玉米	8,840	21,489	8,840	84																		
小麥	0,071	159	0,071	29																		
水稻	6,110	16,424	6,110	829																		
其他雜糧	1,000	2,843	1,000	125																		
燕麥	0,111	270	0,111	11																		
大麥	0,000	11	0,000	1																		
燕麥	1,833	4,480	1,833	23																		
燕麥	11,000	26,814	11,000	881																		
燕麥	0,230	719	0,230	100																		
特殊作物	729	6,488	729	100																		
大麻	0,000	1,819	0,000	20																		
苧麻	0,110	482	0,110	7																		
苧麻(種子)	0,330	941	0,330	21																		
棉花(進口)	0,110	323	0,110	9																		
棉花(本地)	0,224	572	0,224	18																		
煙草(美國)	0,110	300	0,110	7																		
煙草(本地)	0,000	2,140	0,000	27																		
亞麻(大)	0,011	32	0,011	1																		
亞麻(小)	0,000	44	0,000	1																		
其他	0,000	81	0,000	1																		
其他	1,300	3,200	1,300	107																		
其他	4,340	10,200	4,340	117																		
其他	0,000	80	0,000	1																		

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

1941 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) China

作物別	面積	3. 收穫量					合計	單位
		4. 總產量	5. 乾產量	6. 鮮產量	7. 皮產量	8. 油產量		
合計	2,100,000	62,100	70	10	01	62,000	...	
普通作物	1,800,000	56,100	70	10	01	56,000	...	
大豆	34,400	21,431	10	10	...	21,410	...	
綠豆	1,000	1,040	...	...	...	1,040	...
紅豆	0,000	10	...	...	...	10	...
其他豆類	0,000	110	...	...	...	110	...
高粱	3,800	2,291	...	...	...	2,291	...
粟	12,440	7,730	...	...	...	7,730	...
玉米	17,810	11,080	...	...	...	11,080	...
小麥	0,700	480	...	...	...	480	...
水稻	13,110	8,141	01	01	...	8,080	...	
其他穀類	0,000	1	...	...	...	1	...
燕麥	0,000	390	...	...	...	390	...
大麥	0,000	50	...	...	...	50	...
其他雜糧	0,570	352	...	...	...	352	...
薯類	4,850	2,894	...	...	...	2,894	...
其他	0,140	88	...	...	...	88	...
特用作物	300,000	6,000	...	...	...	6,000	...
大麻	0,130	88	...	...	...	88	...
苧麻	0,080	52	...	...	...	52	...
其他纖維作物	0,160	110	...	...	...	110	...
棉花	0,320	198	...	...	...	198	...
其他棉類	4,920	3,054	...	...	...	3,054	...
亞麻	...	...	...	...	...	...	...
大麻	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...
其他特用作物	4,110	5,922	...	...	...	5,922	...
其他	0,000	10	...	...	...	10	...
其他	1,840	1,141	...	...	...	1,141	...
其他	2,270	1,400	...	...	...	1,400	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Bhusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) 167

Tun-hua
敦 化 縣

作物	2		3		4		5		6		7		8		9		10	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	12,000.00	88,000	7,977	8,800	1,148	880	88,000	...	...	...	...	...	...	...	...	...	...	...
大豆	713	88,000	84,177	8,800	1,841	180	47,800	884	880	81,041	...	...	...	...	...	...	...	...
綠豆	35.35	20,407	4,584	4,150	444	...	15,813	550	710	11,224	...	...	...	...	...	...	...	...
紅豆	3.06	1,785	15	...	...	...	1,750	328	332	881	...	...	...	...	...	...	...	...
其他豆類	2.34	1,350	...	...	...	...	1,350	400	400	840	...	...	...	...	...	...	...	...
高粱	14.77	8,528	115	...	115	...	8,411	415	421	3,538	...	...	...	...	...	...	...	...
玉米	15.32	8,443	238	...	238	...	8,205	700	719	6,100	...	...	...	...	...	...	...	...
小麥	7.17	4,140	40	...	40	...	4,100	781	789	3,181	...	...	...	...	...	...	...	...
水稻	5.21	3,008	1,111	900	81	150	1,887	548	884	1,838	...	...	...	...	...	...	...	...
其他雜糧	2.70	1,558	38	...	38	...	1,522	832	954	1,485	...	...	...	...	...	...	...	...
燕麥	0.28	150	...	...	...	...	150	80	80	124	...	...	...	...	...	...	...	...
燕麥	7.37	4,253	94	...	94	...	4,158	720	738	3,042	...	...	...	...	...	...	...	...
燕麥	0.30	177	...	...	...	...	177	780	783	185	...	...	...	...	...	...	...	...
特用作物	749	1,800	738	...	...	738	878	...	...	...	...	...	...	...	...	...	...	...
大麻	1.74	1,005	732	...	732	...	273	358	1,811	368	...	...	...	...	...	...	...	...
苧麻	0.02	15	...	...	...	...	15	818	819	819	...	...	...	...	...	...	...	...
苧麻	0.13	78	...	...	...	...	78	480	430	57	...	...	...	...	...	...	...	...
其他纖維作物	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
棉花	0.01	5	...	...	...	...	5	787	787	...	...	...	...	...	...	...	...	...
煙草	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
亞麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
大麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
苧麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他作物	744	2,844	17	...	17	...	2,844	...	...	...	...	...	...	...	...	...	...	...
其他	1.81	1,111	...	...	...	...	1,104	8,844	8,878	8,188	...	...	...	...	...	...	...	...
其他	2.59	1,694	...	...	...	...	1,694	...	...	...	...	...	...	...	...	...	...	...
其他	80.18	87	87	...	...	...	87	...	...	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

100 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Chiu-t'ai

作物名稱	總計		1		2		3		4		5		6		7		8		9		10		11		12			
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量		
合計	72,000	818,000																										
大豆	38,800	86,400																										
綠豆	1,800	3,300																										
其他豆類	0.11	247																										
高粱	18.81	41,300																										
小麥	22.05	48,300																										
燕麥	2.20	4,834																										
其他雜糧	0.88	1,510																										
水稻(灌溉)	0.88	2,181																										
水稻(不灌溉)	1.54	3,380																										
粟	0.11	236																										
其他	2.12	4,855																										
其他	4.82	10,160																										
其他	0.04	92																										
其他	2.22	4,888																										
其他	0.20	558																										
其他	0.71	1,580																										
其他	0.17	378																										
其他	0.04	89																										
其他	0.03	72																										
其他	0.84	2,081																										
其他	0.01	22																										
其他	0.02	43																										
其他	0.00	114																										
其他	0.01	22																										
其他	1.87	3,400																										
其他	2.22	6,220																										
其他	0.00	0																										

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, U.S. species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Yen-chi

作物	12		3		4		5		6		7		8		9	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	100,000	320,100	0,000		0,000	110,000										
普通作物	93.1%	310,700	0,000		0,000	101,100	600	700								
大豆	28.0%	33,700	3,000		3,000	30,800	840	800								
其他豆類	5.9%	7,100	80		80	7,000	190	180								
高粱	25.5%	30,800	1,200		1,200	29,400	720	700								
玉米	9.8%	11,800	500		500	10,800	250	250								
小米	0.2%	200				200	50	50								
水磨	0.3%	10,300	3,010		3,010	7,200	1,000	1,500								
大米	1.3%	0,370				0,370	700	700								
其他稻類	0.3%	400				400	570	570								
粟	0.3%	400	40		40	300	520	500								
燕麥	0.2%	200	20		20	200	700	800								
小麥	0.3%	400	100		100	200	300	300								
特別作物	0.2%	2,700	100		100	2,800										
大麻(纖維用)	0.2%	300	50		50	300	400	400								
大麻(種子)	0.02%	20				20	400	400								
苧麻	0.1%	100	0		0	100	400	500								
棉花(美國種)	0.5%	600	30		30	600	1,400	1,400								
棉花(本地種)	0.2%	200				200	1,000	1,000								
煙草(美國種)	0.02%	40				40	500	500								
煙草(本地種)	0.04%	1,100				1,100	1,100	1,100								
亞麻(青麻)																
亞麻(大麻子)																
胡麻	0.06%	60	0		0	60	400	400								
落花生																
西瓜																
其他																
雜項作物	0.0%	0,000	100		100	0,000										
馬鈴薯	0.0%	100				100										
其他	0.0%	0,000	0		0	0,000										
合計	100.0%	320,100	3,000		3,000	110,000	1,000	1,000								

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsien (For 1941)

Wang-ching
 濰縣縣

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaciliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rausan

作物	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	144,000	40,810	144,000	3,970																				
大豆	32,83	15,928	33																					
綠豆	1,02	787																						
黃豆	0,34	185																						
赤豆	1,25	828																						
綠豆	0,85	458																						
其他豆類	18,15	9,282																						
小豆	10,30	5,322																						
綠豆	7,48	1,525																						
其他豆類	2,90	2,557																						
高粱	5,89	2,958																						
燕麥	0,20	95																						
小麥	1,29	924																						
水稻	0,94	458																						
其他雜糧	1,47	715	572																					
特用作物	2,97	1,248																						
大麻	0,30	180																						
苧麻	0,02	10																						
其他纖維作物	0,11	54																						
棉花	0,46	223																						
其他棉類	1,18	74																						
煙草	0,34	650																						
其他特用作物	0,10	48																						
其他作物	0,90	4,188																						
其他	0,04	17																						
其他	0,59	3,188																						
其他	1,01	508																						
其他	0,03	18																						

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Duckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Forilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Human

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
 Hun-ch'un
 輝南縣

STAT

作物別	計	3 年 平均 收穫		4 年 平均 收穫		5 年 平均 收穫		備註	單位
		面積	產量	面積	產量	面積	產量		
全部	2,100.00	27,800	8,820	88	210	8,700	29,800		公頃
普通作物	1,713	20,400	6,920	68	170	6,500	21,000		公頃
大豆	28.84	9,381	2,120	27	32	2,081	7,241	497	公頃
綠豆	1.25	410	101	17	—	95	293	351	公頃
黃豆	0.10	32	14	—	—	14	531	1,083	公頃
其他豆類	1.01	328	88	—	—	87	240	304	公頃
豌豆	0.88	325	117	—	—	117	209	325	公頃
蠶豆	9.78	3,200	886	—	—	814	2,534	597	公頃
其他豆類	15.84	5,209	768	12	—	705	4,441	687	公頃
小麥	0.12	38	18	—	—	18	20	289	公頃
燕麥	11.40	3,725	3,438	—	—	3,438	236	21	公頃
大麥	0.02	6	6	—	—	6	—	—	公頃
水稻	1.91	624	118	—	—	118	508	417	公頃
高粱	0.78	258	19	—	—	19	238	285	公頃
粟	0.20	87	25	—	—	25	42	385	公頃
雜糧	20.12	6,571	1,271	—	—	1,186	6,306	537	公頃
其他	1.00	327	43	—	—	43	284	349	公頃
特種作物	39	484	28	—	—	28	488	793	公頃
大麻	0.23	75	7	—	—	7	88	283	公頃
苧麻	0.01	3	—	—	—	—	3	333	公頃
其他	0.05	17	2	—	—	2	15	284	公頃
棉花	0.18	61	17	—	—	17	44	317	公頃
煙草	0.02	7	—	—	—	—	7	714	公頃
亞麻	0.85	300	—	—	—	—	300	347	公頃
苧麻	0.00	1	—	—	—	—	1	218	公頃
其他	—	—	—	—	—	—	—	—	公頃
果樹	0.81	1,784	897	—	—	897	1,784	—	公頃
蔬菜	0.04	18	—	—	—	—	14	—	公頃
其他	0.78	911	93	—	—	93	818	5,522	公頃
其他	0.03	10	—	—	—	—	10	1,000	公頃

#53 Manchurian Agriculture Station for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rumsan

RESTRICTED

172 Acreage Under Crops and Amount of Various Crops
and by Hsiens (For 1941)
Ho-lung

作物	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	214,000	52,000	2,400	300	800	1,000	800	1,000	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
小計	18,000	40,000	2,300	200	800	1,000	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
大豆	26,877	14,487	387	80	173	110	14,104	800	824	8,800														
綠豆	6,500	310	94	3	2	2	283	800	800	175														
黑豆	9,800	110	5	1	1	2	113	481	504	67														
黃豆	3,340	1,787	88	25	0	80	1,708	780	787	1,284														
綠豆	2,071	1,113	208	16	10	194	911	674	703	840														
紅豆	23,477	12,600	289	85	80	215	12,274	783	806	8,822														
綠豆	8,000	4,387	60	12	1	42	4,277	880	880	4,142														
小豆	8,280	142	1	1	1	1	142	828	828	75														
水豆	11,187	8,018	780	4	40	708	6,288	1,240	1,416	7,982														
高粱	10,800	5,918	550	29	200	27	5,883	423	438	2,488														
玉米	1,377	780	20	1	18	1	710	370	387	270														
小麥	8,800	440	87	13	4	50	370	528	828	230														
燕麥	8,400	230	1	1	1	1	230	583	583	130														
燕麥	8,800	381	157	10	1	147	184	348	847	110														
特用作物	1,800	1,800	88	18	14	1	800	1,400	1,400	1,400														
大麻	0,300	100	7	5	2	1	100	413	488	81														
苧麻	0,001	4	1	1	1	1	4	500	500	2														
苧麻	0,001	20	1	1	1	1	20	448	448	15														
棉花	0,400	210	10	10	1	1	210	1,804	1,804	349														
棉花	0,000	48	3	3	1	1	43	1,028	1,028	47														
烟草	0,001	6	1	1	1	1	6	600	600	3														
烟草	0,000	501	18	18	1	1	488	838	854	380														
亞麻	0,000	11	1	1	1	1	11	273	273	3														
大麻	0,000	17	1	1	1	1	17	17	17	1														
大麻	0,000	3,700	30	20	11	11	2,710	8,400	7,000	27,000														
大麻	0,000	11	1	1	1	1	11	11	11	1														
大麻	0,000	80	1	1	1	1	80	1,400	1,400	80														

#53 Manchurian Agriculture Station for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

An-tsu

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesama seeds
42. Peanuts
43. Sugar beets
44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh Vegetables
50. Runsen

作物名稱	面積 (公頃)	總產量 (公担)					收穫量 (公担)			
		1	2	3	4	5	6	7	8	9
合計	12,500.00	12,500	1,187			1,187	11,313			
小計	13	11,000	1,187			1,187	9,800	829	890	6,000
大豆	20.78	2,588					2,480	650	553	1,200
綠豆	2.87	324					300	400	400	180
黑豆	0.01	1					1	100	100	10
其他豆類	0.11	14					14	114	114	10
高粱	0.83	104	24			24	30	310	1,440	300
粟	11.47	1,434					1,434	410	490	210
玉米	20.89	3,028					3,320	800	820	2,500
小麥	3.27	225					225	404	404	90
水稻	9.81	826	551			551	270	503	1,500	410
其他雜糧	0.02	2					2			
大麻	8.80	850					850	700	700	300
燕麥	0.27	34					34	270	270	30
小麥	0.84	105					105	410	410	40
燕麥	0.87	34					34	270	270	30
燕麥	7.85	950	490			490	400	300	633	300
小計	29	1,400	187			187				
大麻	1.08	133					133	431	431	60
燕麥	0.03	4					4	200	200	10
其他	0.17	21					21	490	470	10
其他	0.22	28					28	607	607	17
其他	0.01	1					1	630	550	10
其他	11.50	1,388					1,388			
其他	0.87	1,071					1,071	5,000	5,000	5,000
其他	1.72	210					210			

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED
Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Shuang-ch'eng
東 濱 鐵 道 地 方
重 慶 縣

作物名稱	單位	1941年		1940年		1939年		1938年		1937年	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	公頃	12,100.00	839,000								
糧食作物	公頃	11,300.00	818,750								
大豆	公頃	25.00	83,387								
綠豆	公頃	1.50	5,001								
黃豆	公頃	0.98	3,288								
黑豆	公頃	0.30	1,000								
其他豆類	公頃	17.80	58,084								
粟	公頃	20.70	89,020								
高粱	公頃	13.88	45,813								
玉米	公頃	7.30	24,340								
水稻	公頃	0.18	800								
其他雜糧	公頃	1.40	4,588								
高粱	公頃	0.14	487								
小麥	公頃	0.00	0								
燕麥	公頃	3.85	12,170								
水稻	公頃	2.00	6,888								
其他	公頃	0.26	880								
特種作物	公頃	779	8,251								
大麻	公頃	0.00	133								
芝麻	公頃	0.80	1,887								
棉花	公頃	0.02	87								
其他	公頃	0.10	334								
其他	公頃	0.10	334								
其他	公頃	0.80	1,887								
其他	公頃	0.19	834								
其他	公頃	1.33	4,438								
其他	公頃	2.40	8,304								
其他	公頃	0.01	33								
其他	公頃	1.88	4,801								
其他	公頃	1.22	4,000								
其他	公頃	0.00	0								

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusen

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Yu-shu

作物	面積	收穫量	總產額				備註
			4	5	6	7	
合計	12,188.88	888,410	187			187	888,888
小計	313	884,970	187			187	884,970
大豆	35.56	120,134	150			150	118,888
綠豆	2.10	7,107					7,107
紅豆	0.85	2,878					2,878
其他豆類	0.55	1,881					1,881
高粱	18.00	64,284					64,284
玉米	2.30	7,783					7,783
小麥	7.70	26,084					26,084
燕麥	0.48	1,523	7			7	1,518
大麥	0.87	2,283					2,283
粟	0.24	812					812
水稻	6.50	18,813					18,813
其他	3.87	13,088					13,088
雜糧	0.70	877					877
小計	729	6,388					6,388
大麻	0.25	848					848
苧麻	0.85	2,878					2,878
苧麻子	0.12	400					400
棉花	0.18	608					608
煙草	0.11	372					372
亞麻	0.03	100					100
其他							
小計	744	8,176					8,176
其他	1.30	4,388					4,388
其他	1.10	3,728					3,728
其他	0.00	88					88

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Te-hui

德惠縣

項目	2		3			4		10	
	2	3	4	5	6	7	8	9	
合計	2,100.00	140.800							
大豆	18.00	187.887							
綠豆	32.50	46.701	13						
黃豆	1.20	1,724		12					
其他豆類	0.30	503							
高粱	24.00	34,487	10						
粟	18.50	26,584							
玉米	0.80	9,915							
水稻	0.80	1,283							
小麥	0.47	983							
燕麥	1.55	2,222							
大麥									
雜糧	2.75	3,959							
其他	6.10	8,785							
合計	0.89	287							
特別作物	0.19	0,198	76						
大麻	0.40	575	20						
洋麻	0.30	431							
苧麻	0.03	43							
棉花									
煙草									
其他									
合計	0.97	1,011							
其他	0.97	1,011							
合計	1.30	1,881	50						
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									
合計	0.00	18							
其他									

STAT

#33 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hstems (For 1941)

Wu-ch'ang

拉漢維地

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Kaino
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Rande for fiber
31. Rande for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物種類	1941年		1940年		1939年		1938年		1937年		總計
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	
合計	12,104.34	1,200,000	1,000	700	800	1,017,000	...	...	...	...	104,400
普通作物	7,113	1,000,000	...	...	...	...	...	...	...	...	...
大豆	30.00	30,700	111	211	...	...	...	...	...	...	40,000
綠豆	2.90	3,000	...	...	...	...	...	...	...	...	3,000
紅豆	0.72	200	...	...	...	...	...	...	...	...	200
其他豆類	0.40	501	100	120	...	...	...	...	...	...	500
高粱	15.00	18,000	50	50	...	...	...	...	...	...	20,000
意大利粟	13.50	17,000	50	50	...	...	...	...	...	...	20,000
燕麥	14.10	18,700	70	85	...	...	...	...	...	...	20,000
小麥	1.40	1,800	81	80	...	...	...	...	...	...	2,000
紅豆	4.50	6,700	250	70	...	...	...	...	...	...	10,000
綠豆	0.21	411	...	...	...	...	...	...	...	...	400
其他豆類	0.58	500	10	10	...	...	...	...	...	...	500
高粱	0.41	540	27	27	...	...	...	...	...	...	500
意大利粟	1.80	2,400	3	3	...	...	...	...	...	...	2,500
燕麥	10.40	13,700	24	10	...	...	...	...	...	...	15,000
小麥	0.28	340	...	...	...	...	...	...	...	...	300
特別作物	729	2,700	170	70	...	...	...	...	...	...	3,000
大麻	0.01	800	107	71	...	...	...	...	...	...	300
苧麻	0.01	800	...	...	...	...	...	...	...	...	800
其他纖維作物	0.13	170	3	2	...	...	...	...	...	...	100
苧麻	0.00	700	...	...	...	...	...	...	...	...	700
大麻	0.09	110	...	...	...	...	...	...	...	...	400
其他纖維作物	...	...	...	...	...	...	...	...	...	...	...
煙草	0.01	17	...	...	...	...	...	...	...	...	100
其他特別作物	...	...	...	...	...	...	...	...	...	...	...
其他作物	786	2,400	...	...	...	...	...	...	...	...	3,000
其他	0.04	800	...	...	...	...	...	...	...	...	...
其他作物	0.04	800	...	...	...	...	...	...	...	...	...
其他	2.00	2,600	...	...	...	...	...	...	...	...	3,000
其他	...	...	...	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Grain by County and by Hsien (For 1941)

179

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (HT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Baise 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 43. Potatoes
- 49. Fresh vegetables
- 50. Bansen

項目	4A		2		3		4		5		6		7		8		9		10	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	12,100.00	100,400	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
普通作物	73,431	116,400	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
大豆	31.24	38,500	21																	
綠豆	0.70	800																		
黑豆	0.20	247																		
其他豆類	0.35	432																		
高粱	18.55	20,430	75																	
紅豆	13.00	16,781	10																	
綠豆	13.02	16,075	43																	
其他豆類	1.03	1,272																		
水稻	5.54	6,840	50																	
旱稻	0.81	1,134	21																	
其他稻類	0.85	803																		
小麥	0.10	123																		
燕麥	2.40	2,853																		
粟	7.80	9,383																		
其他雜糧	0.40	484																		
特別作物	2.40	4,200	24																	
大麻	0.56	691	28																	
苧麻	0.33	407																		
其他纖維	0.30	370	4																	
棉花																				
其他棉類																				
烟草	2.21	2,741	4																	
其他烟草	0.03	89																		
亞麻																				
大麻																				
其他纖維																				
其他作物	4.6	5,710	28																	
其他作物	1.00	1,200	20																	
其他作物	1.20	1,480																		

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Average Under-Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Harbin City
哈爾濱市

1. Percentage of various crops
2. Average under-crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. by drought (hectares)
6. by floods (hectares)
7. by others (hectares)
8. Average harvest of (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Othercrops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Runsen

項目	面積		收穫量		產量		備註
	公頃	畝	公噸	畝	公噸	畝	
合計	2,000.00	42,000	1,000	1,400	40,000	...	
大豆	14.00	10,440	270	154	10,170	1,104	11,500
綠豆	1.01	431	...	...	431	817	900
紅豆	0.39	149	...	...	149	797	170
其他豆類	0.31	132	...	...	132	850	110
高粱	18.28	8,220	311	188	7,900	1,233	10,000
意大利小麥	18.00	8,101	840	400	7,901	1,101	9,000
玉米	11.83	5,058	544	419	4,500	1,353	6,000
水稻(灌溉)	5.00	2,130	...	...	2,130	800	1,700
水稻(不灌溉)	1.07	457	37	37	420	2,314	1,000
燕麥	1.90	511	...	...	500	1,147	600
小麥	0.16	64	5	5	60	800	300
大麥	0.48	200	10	10	100	810	300
粟	2.50	1,000	...	...	1,000	1,141	1,210
神	1.00	420	...	...	420	1,100	600
蕎麥	0.19	81	4	4	77	700	300
其他作物	2.29	903	24	26	807	...	...
大麻(纖維)	0.07	30	...	...	30	400	600
大麻(種子)	0.10	43	4	4	38	710	300
苧麻	0.01	4	...	...	4	710	700
棉花(美棉)	0.00	30	...	...	30	800	600
棉花(土棉)	0.01	4	...	...	4	800	600
煙草(美種)	0.03	13	...	...	13	800	600
煙草(土種)	0.03	13	...	...	13	400	400
苧麻	0.03	13	...	...	13	400	400
花生	1.10	540	20	20	520	8,000	8,340
其他	...	...	...	...	...	...	...
其他作物	14.00	4,437	100	100	4,000	...	...
其他	1.07	430	...	...	430	...	...
其他	3.00	1,200	50	...	1,200	8,000	8,300
其他	0.10	41	...	...	41	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Harbin City
哈爾濱地
哈爾濱地

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. by drought (hectares)
6. by floods (hectares)
7. by others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (kg)
11. Kinds of crops:
12. Total
13. Defunct crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Tritic
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sown millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Othercrops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物種類	面積 (公頃)		收穫量 (公担)		收穫率 (%)	
	總計	受損	總計	受損	總計	受損
全部	2,000.00	48,000	1,200	1,400	60	60
大豆	24.00	10,400	270	181	10.17	1.10
綠豆	1.01	491	—	—	—	—
紅豆	0.30	140	—	—	—	—
其他豆類	18.28	8,220	311	185	7.000	1.23
高粱	18.00	8,101	640	400	7.591	1.01
小麥	11.00	5,000	540	410	4.900	1.30
其他雜糧	5.00	2,130	—	—	—	—
水稻 (灌溉)	1.07	487	37	37	4.00	2.31
水稻 (不灌溉)	1.20	511	—	—	—	—
燕麥	0.18	80	5	5	0.80	0.00
粟	0.40	200	10	10	1.00	0.10
黍	2.50	1,000	—	—	—	—
糜	1.00	400	—	—	—	—
其他	0.19	81	—	—	—	—
特殊作物	1.00	400	—	—	—	—
大麻 (纖維)	0.07	30	—	—	—	—
大麻 (種子)	0.10	40	—	—	—	—
苧麻	0.01	4	—	—	—	—
棉花 (進口)	—	—	—	—	—	—
棉花 (本地)	0.00	30	—	—	—	—
煙草 (美)	0.01	4	—	—	—	—
煙草 (本地)	0.02	10	—	—	—	—
亞麻	—	—	—	—	—	—
大麻 (大麻)	0.02	10	—	—	—	—
花生	—	—	—	—	—	—
甜菜	1.20	540	—	—	—	—
其他	—	—	—	—	—	—
其他作物	14.00	4,487	100	100	4.000	0.00
水果	1.07	487	—	—	—	—
蔬菜	3.00	1,200	—	—	—	—
其他	—	—	—	—	—	—
合計	0.10	40	—	—	—	—

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

A-ch'ong
濟 南 鐵 道

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Fenilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rousan

作物名稱	面積 (公頃)	3 種 主 要 損 害 原 因			收穫面積 (公頃)	收穫量 (公担)	收穫量 (公担)	收穫量 (公担)
		旱 災	水 災	其 他				
全 計	2,200.00	140.401	410	300	300	160,000	...	...
主 要 作 物	1,300.00	100.000	400	170	200	120,000	1,100	1,140
大豆	18.24	20,170	124	10	100	20,000	1,137	1,143
綠豆	0.84	1,207	...	...	...	1,207	817	817
黃豆	0.30	554	...	...	...	554	700	700
其他豆類	0.17	242	...	...	...	242	870	870
高粱	15.44	22,100	80	34	64	22,070	1,140	1,140
紅豆	20.24	20,192	23	0	17	20,190	1,020	1,020
綠豆	18.30	20,544	100	40	40	20,490	1,080	1,300
黃豆	7.45	10,007	0	0	0	10,000	702	714
其他豆類	2.80	4,250	0	50	0	4,187	2,100	2,300
粟	0.30	511	...	...	...	511	1,100	1,100
小麥	0.40	580	...	...	...	580	900	900
燕麥	0.05	71	...	...	...	71	700	700
水稻 (灌溉)	1.45	2,074	1	1	1	2,073	912	922
水稻 (不灌溉)	3.24	4,854	...	...	...	4,854	1,070	1,070
小計	5.10	7,800	14	0	0	7,810	...	...
其他作物	729	...	...	...	...	...	...	...
大麻 (纖維)	0.08	114	11	2	0	102	700	702
大麻 (種子)	0.11	150	3	3	...	150	720	742
棉花 (種子)	0.03	45	...	...	...	45	600	600
棉花 (纖維)	...	...	...	...	...	...	...	...
棉花 (雜種)	0.30	432	...	...	...	432	640	640
棉花 (本地)	0.01	17	...	...	...	17	300	300
煙草 (美)	0.00	0	...	...	...	0	750	750
煙草 (日)	0.01	9	...	...	...	9	450	450
煙草 (大)	0.01	10	...	...	...	10	400	400
亞麻	0.01	10	...	...	...	10	400	400
苧麻	4.50	6,000	...	...	...	6,000	7,010	7,110
其他	...	...	...	...	...	...	...	...
小計	746	7,170	80	80	...	7,164	...	...
其他	...	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Yen-shou

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Raize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Casorol-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	總計		旱地		水地		其他		單位
	面積	產量	面積	產量	面積	產量	面積	產量	
全部	100.00	89,348	800	80	800	800	800	800	...
小計	96.88	89,318	800	80	800	800	800	800	...
大豆	26.04	25,814	124	80	80	80	80	80	...
綠豆	1.98	1,849	...	...	...	...	...	...	...
紅豆	0.81	768	...	...	...	...	...	...	...
其他豆類	0.81	805	...	...	...	...	...	...	...
高粱	8.79	8,371	81	81	81	81	81	81	...
粟	10.12	9,853	47	47	47	47	47	47	...
小麥	28.35	27,888	80	80	80	80	80	80	...
燕麥	2.01	1,978	...	...	...	...	...	...	...
其他雜糧	0.32	3,214	820	10	810	810	810	810	...
水稻	0.08	80	...	...	...	...	...	...	...
其他	0.23	219	...	...	...	...	...	...	...
其他	0.02	20	...	...	...	...	...	...	...
其他	0.05	538	...	...	...	...	...	...	...
其他	3.18	3,131	...	...	...	...	...	...	...
其他	0.13	130	...	...	...	...	...	...	...
小計	4.19	4,088	191	183	183	183	183	183	...
大麻	1.38	1,357	55	83	83	83	83	83	...
苧麻	0.05	44	...	...	...	...	...	...	...
其他	0.05	47	...	...	...	...	...	...	...
棉花	0.17	184	...	...	...	...	...	...	...
煙草	0.01	10	...	...	...	...	...	...	...
亞麻	2.81	2,782	18	18	18	18	18	18	...
其他	0.00	3	...	...	...	...	...	...	...
其他	0.18	178	...	...	...	...	...	...	...
小計	4.48	4,388	...	...	...	...	...	...	...
其他	1.78	1,788	...	...	...	...	...	...	...
其他	0.01	5,555	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil
41. Sesame seeds
42. Sugar beets 43. Peanuts
44. Others 44. Melon seeds
45. Other crops, sub-total
46. Fruits 48. Potatoes
47. Fresh vegetables
49. Hausan
- 50.

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Chu-hg

作物	1		2		3		4		5		6		7		8		9		10		
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	
合計	2,000.00	64,161	1,000	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
小計	68.88	48,278	1,700	247	868	868	47,408	1,244	1,287	61,182											
大豆	21.79	11,788	829	176	130	224	11,170	809	881	10,810											
綠豆	2.27	1,231					1,231	818	878	1,878											
黃豆	0.38	183					183	822	822	183											
其他豆	0.32	171					171	884	884	181											
高粱	10.51	5,683	131		100	31	5,582	1,120	1,146	6,728											
紅豆	8.64	3,588	28		18	14	3,567	848	904	3,408											
綠豆	38.42	20,808	845		311	334	20,181	1,380	1,408	22,710											
其他豆	0.78	382	10		10		382	701	700	478											
水稻	7.50	4,083	338	187		177	3,784	2,272	2,481	3,843											
小計	0.07	38					38	1,082	1,082	42											
大麥	0.22	121					121	828	828	118											
燕麥	0.14	77					77	783	783	88											
粟	0.45	244	5	5			239	815	838	188											
其他	0.88	530	5	5			525	824	838	488											
合計	0.80	324					324	841	841	208											
特別作物	74.29	5,600	48	48			5,552														
小計	0.57	308					308	380	380	181											
大絲	0.05	28					28	847	847	18											
小絲	0.17	81					81	847	847	80											
棉花																					
烟草	0.18	108	10	10			98	400	400	48											
其他	0.02	11					11	380	380	48											
合計	4.84	2,518	38	38			2,480	880	880	2,212											
大麻																					
其他	0.04	23					23	838	838	188											
合計	74.29	5,600	48	48			5,552														
小計	0.88	17					17	11	11	18											
其他	1.87	888					888	7,000	7,000	8,004											
合計	0.04	1,108	28	28			1,080	11	11	18											

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Systems (For 1941)

圖 表 第 1-1

作物名稱	單位	2		3					4		總計
		面積	產量	1	2	3	4	5	6		
合計	公頃	2,400.00	20,119	800	710	114	00	19,200	1,300	1,000	20,200
小計	公頃	84.20	10,000	800	710	01	00	19,100	1,300	1,000	20,200
大豆	公頃	18.00	3,883	100	100	0	0	3,783	800	1,000	5,583
綠豆	公頃	0.10	142	0	0	0	0	142	0	0	142
黃豆	公頃	0.14	50	0	0	0	0	50	0	0	50
其他豆類	公頃	2.24	60	0	0	0	0	60	0	0	60
高粱	公頃	7.85	1,572	105	101	4	0	1,467	1,010	1,000	3,477
粟	公頃	8.80	1,940	100	100	0	0	1,840	800	1,000	3,640
玉米	公頃	44.83	9,016	330	280	50	0	8,636	1,400	1,500	11,536
小麥	公頃	1.87	336	0	0	0	0	336	0	0	336
水稻	公頃	8.22	1,253	40	10	0	0	1,213	810	2,310	3,523
其他穀類	公頃	0.03	0	0	0	0	0	0	0	0	0
燕麥	公頃	0.45	81	0	0	0	0	81	0	0	81
大麥	公頃	0.48	97	0	0	0	0	97	0	0	97
其他雜糧	公頃	0.40	81	0	0	0	0	81	1,010	1,010	2,090
其他	公頃	0.50	101	0	0	0	0	101	810	810	1,910
其他	公頃	0.82	184	0	0	0	0	184	840	840	2,110
特種作物	公頃	2.29	800	0	0	0	0	800	0	0	800
大麻	公頃	0.41	80	0	0	0	0	80	300	800	1,180
苧麻	公頃	0.11	22	0	0	0	0	22	800	800	1,022
其他	公頃	0.02	4	0	0	0	0	4	850	850	1,026
棉花	公頃	0.87	176	0	0	0	0	176	420	420	1,076
其他	公頃	0.07	14	0	0	0	0	14	380	380	1,014
煙草	公頃	0.94	188	0	0	0	0	188	810	1,000	2,088
其他	公頃	0.06	10	0	0	0	0	10	470	70	550
其他	公頃	0.02	4	0	0	0	0	4	8,000	8,000	8,004
其他	公頃	0.10	30	0	0	0	0	30	0	0	30
其他	公頃	1.40	304	0	0	0	0	304	1,000	1,300	2,604
其他	公頃	1.89	317	0	0	0	0	317	0	0	317

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
43. Sugar beets 42. Peanuts
45. Others 44. Melon seeds
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Ma-leng

作物	面積	面積		收穫量		收穫量	
		總面積	收穫面積	總產量	收穫產量	單位產量	收穫單位產量
合計	12,100.00	32,370	1,010	1,010	32,700		
小計	13	27,100	1,030	1,000	30,000	1,010	3,010
大豆	18.10	5,434	320	320	5,100	800	800
綠豆	1.70	483	45	45	400	700	700
黃豆	0.04	11	1	1	10	800	800
花生	0.03	14	2	2	10	500	500
高粱	5.80	1,891	210	210	1,470	800	1,100
粟	12.00	3,420	197	197	3,220	800	1,020
小麥	17.73	5,032	192	192	4,800	1,100	1,100
水稻	12.82	3,828	35	35	3,800	800	870
水田	18.00	5,124	511	511	4,810	1,000	1,010
旱田	4.18	1,181	24	24	1,150	850	870
麻	2.91	827	—	—	827	821	821
燕麥	0.50	141	—	—	141	800	800
蕎麥	0.28	73	—	—	70	800	800
其他	0.22	62	—	—	60	800	800
特別作物	7.79	220	30	30	180	—	—
大麻	0.70	203	30	30	160	200	200
苧麻	0.01	4	—	—	4	800	800
棉花	—	—	—	—	—	—	—
烟草	0.04	11	—	—	11	400	400
亞麻	0.00	—	—	—	—	400	400
大麻	—	—	—	—	—	—	—
苧麻	—	—	—	—	—	—	—
其他	—	—	—	—	—	—	—
其他作物	7.46	217	—	—	217	—	—
小計	8.01	1,984	30	30	1,950	—	—
其他	1.71	486	—	—	486	800	800
其他	1.00	500	—	—	500	—	—
其他	—	—	—	—	—	—	—

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

186 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Tung-nin

作物	計	3年					4年			計
		45	46	47	48	49	50	51		
合計	12,100.00	0,100	80			0,100				
大豆	13	0,800	50			0,800	000	000	0,200	
大小										
大	11.00	1,330				1,330	354	354	1,140	
小	1.70	105				105	307	307	80	
其他	0.90	22				22	400	400	10	
其他	2.30	143				143	307	307	80	
其他	4.20	280				280	301	301	247	
其他	19.05	1,181				1,181	1,061	1,061	1,379	
其他	15.44	897				897	1,170	1,170	1,120	
其他	13.82	858				858	830	830	640	
其他	4.40	273	50			223	1,700	2,112	470	
其他	3.10	192				192	300	300	150	
其他	1.13	70				70	310	310	40	
其他	1.82	113				113	330	330	80	
其他	0.72	14				14	1,040	1,040	10	
其他	0.88	41				41	375	374	20	
其他	0.29	18				18				
其他	0.11	7				7	353	353	0	
其他	0.33	2				2	324	323	0	
其他	0.13	7				7	370	370	0	
其他	0.13	7				7	400	400	0	
其他	0.02	1				1	300	300	0	
其他	1.81	114				114				
其他	0.80	170				170	1,000	1,000	1,000	
其他	0.80	424				424				
其他	0.18	11				11	2,000	2,000	0	

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Sui-yang

作物	4		3		2		1		合計	單位
	面積	收穫	面積	收穫	面積	收穫	面積	收穫		
合計	17,290.00	1,800								
小計	17,290.00	1,800								
大豆	21.80	484							884	kg
綠豆	3.40	78							787	kg
紅豆	0.15	3							420	kg
其他豆類	0.28	6							710	kg
高粱	0.27	6							1,001	kg
玉米	0.17	145							1,050	kg
小米	20.27	459							1,250	kg
小麥	14.10	321							484	kg
大麥	3.31	75							1,800	kg
燕麥	7.20	163							880	kg
粟	0.57	124							484	kg
黍	0.44	10							857	kg
稷	0.27	6							808	kg
雜糧	1.02	23							506	kg
特用作物	29									
小計	29									
大麻	0.08	2							418	kg
苧麻	0.04	1							580	kg
苧麻(種子)	0.13	3							507	kg
棉花										
煙草	0.04	1							376	kg
亞麻										
亞麻(種子)										
苧麻										
苧麻(種子)										
其他										
小計	46								6,407	kg
其他作物	46									
小計	46								6,407	kg
其他	4.70	107							6,407	kg
其他	0.15	3								
合計	17,290.00	1,800								

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Divisions (For 1941) Piu

松花江下流地方

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Other crops, sub-total
46. Fruits
47. Fresh vegetables
48. Potatoes
49. Ruusan
- 50.

作物	1941年		1940年		1939年		1938年		1937年	
	面积 (公顷)	产量 (公担)	面积 (公顷)	产量 (公担)	面积 (公顷)	产量 (公担)	面积 (公顷)	产量 (公担)	面积 (公顷)	产量 (公担)
全部	2,100.00	100,700	1,800	80,000	1,600	70,000	1,400	60,000	1,200	50,000
主要作物	1,300	100,700	1,100	80,000	1,000	70,000	900	60,000	800	50,000
大豆	88.47	40,000	100	21	174	40,000	800	807	47,000	1,000
其他豆类	1.27	2,467	6	0	2,461	810	1,210	1,000	2,461	810
高粱	0.16	280	77	0	280	701	701	0	280	701
其他谷物	0.04	77	77	0	77	0	700	0	77	0
玉米	18.47	35,000	100	77	80	36,400	1,000	1,000	36,400	1,000
小麦	23.23	44,770	75	10	50	44,701	800	800	44,701	800
水稻	11.80	22,740	150	74	70	22,801	1,211	1,211	22,801	1,211
其他作物	8.08	15,570	14	14	14	15,500	700	700	15,500	700
其他	2.83	4,872	23	23	14	4,800	2,070	200	4,800	2,070
其他	0.48	931	0	0	0	931	1,007	1,104	931	1,007
其他	0.06	110	0	0	0	110	800	800	110	800
其他	0.04	77	0	0	0	77	700	800	77	700
其他	1.31	2,517	1	1	1	2,510	840	840	2,510	840
其他	1.87	3,004	0	0	0	3,004	900	900	3,004	900
其他	0.01	10	0	0	0	10	810	810	10	810
特殊作物	7.29	2,800	370	20	300	1,000	0	0	2,800	370
大麻	0.80	1,007	370	20	300	1,001	300	0	1,001	300
苧麻	0.20	300	0	0	0	300	700	700	300	700
其他	0.02	30	0	0	0	30	841	841	30	841
其他	0.11	210	0	0	0	210	400	400	210	400
其他	0.01	10	0	0	0	10	300	300	10	300
其他	0.01	10	0	0	0	10	0	0	10	0
其他	0.30	4,800	0	0	0	4,800	0	0	4,800	0
其他	1.80	3,000	30	30	30	3,000	0	0	3,000	30
其他	0.01	10	0	0	0	10	0	0	10	0
其他	0.30	4,800	0	0	0	4,800	0	0	4,800	0
其他	1.80	3,000	30	30	30	3,000	0	0	3,000	30

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Mellon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Mu-lan

Crops	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930	
	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)
計	2,000.00	97,010	2,700	1,010	1,010	64,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
大豆	37.00	68,500	2,700	1,010	1,010	64,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
大小豆	33.20	28,200	1,010	1,010	1,010	64,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他豆類	0.87	540	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
高粱	0.04	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他雜糧	0.04	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
綠豆	18.72	11,250	477	200	200	10,770	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
紅豆	18.04	12,140	284	112	170	11,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他綠豆	20.05	13,400	469	185	330	13,010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
小豆	0.89	610	25	20	600	810	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他小豆	2.50	2,350	300	300	1,800	2,020	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
糜子	0.73	493	17	17	470	1,040	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他糜子	0.06	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
大麥	0.10	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他大麥	0.51	347	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
燕麥	2.81	1,750	...	...	...	1,750	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他燕麥	0.03	22	...	...	...	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
小計	4.00	400	...	...	...	400	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
特殊作物	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
大麻	0.07	40	...	...	...	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他大麻	0.51	340	...	...	...	340	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
苧麻	0.02	10	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他苧麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
棉花	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他棉花	0.00	0	...	...	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
煙草	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他煙草	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
亞麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他亞麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
苧麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他苧麻	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
小計	1.00	1,000	...	...	...	1,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他作物	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他作物	0.01	177	...	...	...	177	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
其他	1.00	1,010	...	...	...	1,010	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
24. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

190 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
T'ung-ho

作物/品名	總計		旱地		水地		其他	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
合計	104,90	18,907	6,800	8,770	98,100	10,130	12,130	10,130
大豆	11,100	6,000	8,000	4,000	3,100	2,000	1,000	2,000
綠豆	1,000	500	800	400	200	100	100	100
紅豆	1,000	500	800	400	200	100	100	100
其他豆類	1,000	500	800	400	200	100	100	100
高粱	10,000	1,000	8,000	800	2,000	200	1,000	100
玉米	1,000	100	800	80	200	20	100	10
小麥	1,000	100	800	80	200	20	100	10
燕麥	1,000	100	800	80	200	20	100	10
粟	1,000	100	800	80	200	20	100	10
水稻	1,000	100	800	80	200	20	100	10
其他	1,000	100	800	80	200	20	100	10
雜糧	1,000	100	800	80	200	20	100	10
其他作物	1,000	100	800	80	200	20	100	10
其他	1,000	100	800	80	200	20	100	10

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Feng-cheng

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Maoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物名稱	面積 (公頃)	產量 (公担)					
		總產量	灌溉地	旱地	其他	損毀地	其他
合計	100.00	21,807	8,960	8,100	8,694	24,120	...
大豆	27.49	9,042	3,214	3,128	1,076	5,844	...
綠豆	0.83	178	...	...	...	178	...
紅豆	0.02	7	...	...	...	7	...
其他豆類	0.12	38	...	...	...	38	...
高粱	15.76	5,197	1,878	1,078	850	3,519	...
粟	13.38	4,412	1,891	...	798	2,891	...
玉米	27.27	9,989	1,885	1,077	848	7,006	...
小麥	0.68	181	51	51	...	181	...
水稻	1.80	525	105	...	105	525	...
其他雜糧	0.20	87	38	16	33	48	...
燕麥	0.03	10	...	...	...	10	...
其他小麥	0.23	76	...	...	...	76	...
粟	1.87	517	88	23	45	449	...
水稻	0.11	2,015	38	13	25	1,879	...
其他	0.14	47	47	...	...	47	...
特用作物	...	...	...	...	...	...	...
大麻	...	...	...	...	...	...	...
洋烟	...	...	...	...	...	...	...
本地烟	...	...	...	...	...	...	...
棉花	...	...	...	...	...	...	...
苧麻	...	...	...	...	...	...	...
苧麻子	...	...	...	...	...	...	...
亞細亞棉	...	...	...	...	...	...	...
本地棉	...	...	...	...	...	...	...
烟草	...	...	...	...	...	...	...
亞細亞烟草	...	...	...	...	...	...	...
本地烟草	...	...	...	...	...	...	...
亞細亞亞麻	...	...	...	...	...	...	...
本地亞麻	...	...	...	...	...	...	...
亞細亞大麻	...	...	...	...	...	...	...
本地大麻	...	...	...	...	...	...	...
亞細亞苧麻	...	...	...	...	...	...	...
本地苧麻	...	...	...	...	...	...	...
亞細亞亞麻子	...	...	...	...	...	...	...
本地亞麻子	...	...	...	...	...	...	...
亞細亞苧麻子	...	...	...	...	...	...	...
本地苧麻子	...	...	...	...	...	...	...
其他特用作物	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...
其他作物	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...
其他	...	...	...	...	...	...	...

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

192 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Sui-pin

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	1941		1940		1939		1938		1937		1936	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
全部	2,100.00	16,500	1,800	14,000	1,500	1,200	1,000	800	700	600	500	400
小計	1,800	14,000	1,500	11,000	1,200	9,000	1,000	7,000	800	600	500	400
大豆	42.00	16,000	700	800	800	1,000	1,000	1,000	1,000	1,000	1,000	1,000
綠豆	1.00	100	10	100	10	100	10	100	10	100	10	100
黃豆	0.10	10	10	10	10	10	10	10	10	10	10	10
其他豆類	0.00	20	20	20	20	20	20	20	20	20	20	20
高粱	8.50	3,500	500	500	500	500	500	500	500	500	500	500
玉米	8.00	3,500	500	500	500	500	500	500	500	500	500	500
燕麥	13.00	5,400	970	970	970	970	970	970	970	970	970	970
小麥	18.01	7,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
其他穀類	0.00	0	0	0	0	0	0	0	0	0	0	0
水稻	0.00	0	0	0	0	0	0	0	0	0	0	0
雜糧	0.00	0	0	0	0	0	0	0	0	0	0	0
其他	0.00	0	0	0	0	0	0	0	0	0	0	0
小計	0.00	0	0	0	0	0	0	0	0	0	0	0
大麻	0.10	47	47	47	47	47	47	47	47	47	47	47
苧麻	0.00	0	0	0	0	0	0	0	0	0	0	0
其他纖維	0.00	0	0	0	0	0	0	0	0	0	0	0
棉花	0.00	0	0	0	0	0	0	0	0	0	0	0
其他棉類	0.00	0	0	0	0	0	0	0	0	0	0	0
煙草	0.00	0	0	0	0	0	0	0	0	0	0	0
其他煙草	0.00	0	0	0	0	0	0	0	0	0	0	0
亞麻	0.00	0	0	0	0	0	0	0	0	0	0	0
大麻	0.00	0	0	0	0	0	0	0	0	0	0	0
其他	0.00	0	0	0	0	0	0	0	0	0	0	0
小計	0.00	0	0	0	0	0	0	0	0	0	0	0
其他	1.00	100	100	100	100	100	100	100	100	100	100	100
其他	1.00	100	100	100	100	100	100	100	100	100	100	100

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsians (For 1941)

Fu-chin

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal crops	108,400	108,400	7,000	7,000	6,458	6,458
Sub-total	108,400	108,400	7,000	7,000	6,458	6,458
Soybeans	88,100	88,100	6,000	6,000	6,811	6,811
Red beans	10,000	10,000	1,000	1,000	1,000	1,000
Green beans	10,000	10,000	1,000	1,000	1,000	1,000
Other beans	10,000	10,000	1,000	1,000	1,000	1,000
Kaoliang	10,000	10,000	1,000	1,000	1,000	1,000
Italian millet	10,000	10,000	1,000	1,000	1,000	1,000
Maize	10,000	10,000	1,000	1,000	1,000	1,000
Wheat	10,000	10,000	1,000	1,000	1,000	1,000
Rice (irrigated)	10,000	10,000	1,000	1,000	1,000	1,000
Rice (unirrigated)	10,000	10,000	1,000	1,000	1,000	1,000
Barley	10,000	10,000	1,000	1,000	1,000	1,000
Oats	10,000	10,000	1,000	1,000	1,000	1,000
Millet	10,000	10,000	1,000	1,000	1,000	1,000
Sava millet	10,000	10,000	1,000	1,000	1,000	1,000
Buckwheat	10,000	10,000	1,000	1,000	1,000	1,000
Special crops	10,000	10,000	1,000	1,000	1,000	1,000
Sub-total	10,000	10,000	1,000	1,000	1,000	1,000
Ramie for fiber	10,000	10,000	1,000	1,000	1,000	1,000
Ramie for seeds	10,000	10,000	1,000	1,000	1,000	1,000
Perilla seeds	10,000	10,000	1,000	1,000	1,000	1,000
Cotton, imported species	10,000	10,000	1,000	1,000	1,000	1,000
Cotton, native species	10,000	10,000	1,000	1,000	1,000	1,000
Tobacco, US species	10,000	10,000	1,000	1,000	1,000	1,000
Tobacco, native species	10,000	10,000	1,000	1,000	1,000	1,000
Abutilon hemp	10,000	10,000	1,000	1,000	1,000	1,000
Flax	10,000	10,000	1,000	1,000	1,000	1,000
Hemp	10,000	10,000	1,000	1,000	1,000	1,000
Castor-oil seeds	10,000	10,000	1,000	1,000	1,000	1,000
Sesame seeds	10,000	10,000	1,000	1,000	1,000	1,000
Peanuts	10,000	10,000	1,000	1,000	1,000	1,000
Sugar beets	10,000	10,000	1,000	1,000	1,000	1,000
Melon seeds	10,000	10,000	1,000	1,000	1,000	1,000
Others	10,000	10,000	1,000	1,000	1,000	1,000
Other crops	10,000	10,000	1,000	1,000	1,000	1,000
Sub-total	10,000	10,000	1,000	1,000	1,000	1,000
Fruits	10,000	10,000	1,000	1,000	1,000	1,000
Potatoes	10,000	10,000	1,000	1,000	1,000	1,000
Fresh vegetables	10,000	10,000	1,000	1,000	1,000	1,000
Ruusan	10,000	10,000	1,000	1,000	1,000	1,000
Total	128,400	128,400	8,000	8,000	6,258	6,258

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Runsan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Le-pai

Crop	Hsien	Acreage (ha)		Yield (kg)		Total Yield (MT)	
		Under Crops	Harvested	Yield	Yield	Yield	Yield
大豆	13	4,000	3,700	300	400	2,000	1,500
小豆							
其他豆類							
高粱							
意大利米							
玉米							
水稻							
小麦							
大麦							
燕麦							
粟							
荞麦							
其他作物	29						
苧麻							
大麻							
棉花							
烟草							
其他作物	746						
水果							
蔬菜							
其他							
总计							

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

108 Acreage Under Crops and Amount of Yield by Crops and by Hsians (For 1941)
Fu-yuan

作物	1. 播种面积		2. 收获面积		3. 产量		4. 平均单产	
	公顷	公亩	公顷	公亩	公担	公担	公担/公顷	公担/公亩
合计	100.00	1,000	100.00	1,000	1,000	1,000	10.00	1.00
普通作物	73.00	730	73.00	730	730	730	10.00	1.00
大豆	26.97	269.7	26.97	269.7	269.7	269.7	10.00	1.00
小麦	1.00	10.0	1.00	10.0	10.0	10.0	10.00	1.00
高粱	0.10	1.0	0.10	1.0	1.0	1.0	10.00	1.00
玉米	6.84	68.4	6.84	68.4	68.4	68.4	10.00	1.00
其他豆类	5.79	57.9	5.79	57.9	57.9	57.9	10.00	1.00
水稻	32.04	320.4	32.04	320.4	320.4	320.4	10.00	1.00
小米	12.33	123.3	12.33	123.3	123.3	123.3	10.00	1.00
大麦	3.34	33.4	3.34	33.4	33.4	33.4	10.00	1.00
燕麦	2.40	24.0	2.40	24.0	24.0	24.0	10.00	1.00
荞麦	0.17	1.7	0.17	1.7	1.7	1.7	10.00	1.00
其他	3.84	38.4	3.84	38.4	38.4	38.4	10.00	1.00
特殊作物	27.00	270	27.00	270	270	270	10.00	1.00
大麻	0.00	0	0.00	0	0	0	10.00	1.00
苧麻	0.00	0	0.00	0	0	0	10.00	1.00
棉花	0.00	0	0.00	0	0	0	10.00	1.00
烟草	0.00	0	0.00	0	0	0	10.00	1.00
其他	0.00	0	0.00	0	0	0	10.00	1.00
其他作物	4.00	40	4.00	40	40	40	10.00	1.00
水果	0.00	0	0.00	0	0	0	10.00	1.00
蔬菜	3.00	30	3.00	30	30	30	10.00	1.00

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens

滿洲國農林統計局
Fo-shan
魯 州 縣

作物	1941		1942		1943		1944		1945	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
合計	12,100.00	800								
大豆	1,700	831	19							
綠豆	20	17								
紅豆	20	17								
黃豆	50	48								
其他豆類	1,000	170								
高粱	1,750	140								
粟	1,320	110								
小麥	0.1	1								
大麥	2.0	17								
燕麥	1.0	8								
其他雜糧	1.0	8								
水稻										
小計	2,900	400								
其他作物										
大麻	0.2	2								
苧麻										
棉花										
煙草	0.2	2								
其他										
小計	0.2	2								
其他作物										
小計	0.2	2								
其他										
小計	0.2	2								

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Fa-yen

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

東北及北滿總地方

作物	總計		遼北		北滿	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
總計	100,000	1,000,000	50,000	500,000	50,000	500,000
大豆	10,000	100,000	5,000	50,000	5,000	50,000
綠豆	5,000	50,000	2,500	25,000	2,500	25,000
黃豆	5,000	50,000	2,500	25,000	2,500	25,000
高粱	15,000	150,000	7,500	75,000	7,500	75,000
小麥	10,000	100,000	5,000	50,000	5,000	50,000
水稻	20,000	200,000	10,000	100,000	10,000	100,000
粟	10,000	100,000	5,000	50,000	5,000	50,000
燕麥	5,000	50,000	2,500	25,000	2,500	25,000
其他	30,000	300,000	15,000	150,000	15,000	150,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops by Hsiens (for 1941)

Tung-hsing

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, Native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seed
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	1941		1940		1939		1938		1937	
	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)
合計	18,818	2,200	18,818	2,200	18,818	2,200	18,818	2,200	18,818	2,200
大豆	3,824	492	3,824	492	3,824	492	3,824	492	3,824	492
綠豆	80	4	80	4	80	4	80	4	80	4
紅豆	7	—	7	—	7	—	7	—	7	—
其他豆類	0.01	—	0.01	—	0.01	—	0.01	—	0.01	—
高粱	975	104	975	104	975	104	975	104	975	104
小麥	1,400	226	1,400	226	1,400	226	1,400	226	1,400	226
燕麥	2,440	310	2,440	310	2,440	310	2,440	310	2,440	310
粟	582	91	582	91	582	91	582	91	582	91
水稻	3,574	787	3,574	787	3,574	787	3,574	787	3,574	787
其他雜糧	0.03	—	0.03	—	0.03	—	0.03	—	0.03	—
大豆	0.28	—	0.28	—	0.28	—	0.28	—	0.28	—
綠豆	1.70	25	1.70	25	1.70	25	1.70	25	1.70	25
紅豆	1.80	15	1.80	15	1.80	15	1.80	15	1.80	15
其他豆類	0.05	—	0.05	—	0.05	—	0.05	—	0.05	—
合計	144	8	144	8	144	8	144	8	144	8
大豆	0.51	80	0.51	80	0.51	80	0.51	80	0.51	80
綠豆	0.28	43	0.28	43	0.28	43	0.28	43	0.28	43
其他豆類	—	—	—	—	—	—	—	—	—	—
高粱	—	—	—	—	—	—	—	—	—	—
小麥	—	—	—	—	—	—	—	—	—	—
燕麥	—	—	—	—	—	—	—	—	—	—
粟	—	—	—	—	—	—	—	—	—	—
水稻	—	—	—	—	—	—	—	—	—	—
其他雜糧	—	—	—	—	—	—	—	—	—	—
合計	448	118	448	118	448	118	448	118	448	118
其他	1.01	80	1.01	80	1.01	80	1.01	80	1.01	80
其他	1.02	80	1.02	80	1.02	80	1.02	80	1.02	80

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

300 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941), Hu-lan

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物	面積 (公頃)		收穫量 (公担)		收穫量 (公担)		收穫量 (公担)	
	總計	受損	總計	受損	總計	受損	總計	受損
合計	100.00	200.00	2,700	2,000	2,000,000	1,500,000	2,000,000	1,500,000
大豆	21.40	48,000	870	870	47,700	1,100	1,100	20,300
綠豆	0.74	1,874	2	2	1,874	800	801	2,000
紅豆	0.44	900	2	2	900	800	700	800
其他豆類	0.25	500	2	2	500	500	500	500
高粱	18.51	37,242	544	544	36,700	1,110	1,100	41,900
粟	22.80	51,773	823	823	51,161	800	800	46,100
玉米	14.43	28,930	454	454	28,100	1,410	1,400	46,100
小麥	7.10	14,202	15	15	14,200	320	320	14,000
水稻	0.90	1,800	20	20	1,800	2,100	2,200	1,200
其他雜糧	0.10	200	2	2	200	1,200	1,200	870
大豆	1.17	2,340	2	2	2,340	800	800	2,000
綠豆	0.70	1,400	2	2	1,400	870	870	1,000
紅豆	2.50	5,000	20	20	5,000	800	800	5,071
其他豆類	1.21	2,420	20	20	2,400	801	710	1,200
高粱	0.19	380	7	7	380	700	700	910
其他雜糧	0.29	580	8	8	580	800	800	800
大豆	0.22	440	5	5	440	800	800	100
綠豆	1.19	2,380	9	9	2,380	701	700	2,000
紅豆	0.02	40	2	2	40	400	410	100
其他豆類	0.03	60	2	2	60	300	300	300
高粱	0.00	110	2	2	110	300	300	40
玉米	1.21	2,420	8	8	2,420	1,200	1,200	2,000
小麥	0.02	40	2	2	40	300	300	300
水稻	0.01	20	20	20	20	300	300	300
其他雜糧	0.07	140	2	2	140	300	300	100
花生	1.06	2,120	2	2	2,120	3,000	3,000	21,000
其他	0.00	0	0	0	0	0	0	0
合計	100.00	200.00	0	0	2,000,000	1,500,000	2,000,000	1,500,000
大豆	3.30	7,074	2	2	7,074	2,000	2,000	4,000
其他雜糧	2.00	4,000	2	2	4,000	3,000	3,000	4,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Sui-hua

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rusan

作物	1		2		3		4		5		6		7		8		9		10	
	總計	損壞	總計	損壞	總計	損壞	總計	損壞	總計	損壞	總計	損壞	總計	損壞	總計	損壞	總計	損壞	總計	損壞
合計	2104.00	204.107	4.600		2,000	6,000	200,000	200												
小計	2104.00	204.107	4.600		2,000	6,000	200,000	200												
大豆	23.40	45.431	2,800		800	2,000	42,000	970	1,000	64,000										
綠豆	1.44	2,792	0		0	0	2,792	800	800	2,000										
紅豆	0.28	5,400	0		0	0	5,400	800	800	4,000										
其他豆類	1.10	2,130	0		0	0	2,130	700	700	4,000										
高粱	14.51	28,170	1,040		210	700	21,000	1,210	1,210	24,000										
粟	16.82	32,850	1,180		270	810	21,000	900	900	20,000										
玉米	9.57	18,500	750		200	520	17,000	1,100	1,100	21,000										
小麥	19.20	37,430	400		100	400	11,000	1,570	1,570	2,000										
水稻	0.91	1,700	800		100	400	1,100	1,570	1,570	2,000										
其他	0.01	10					10	800	800	2,000										
大豆	1.11	2,150	80		0	0	2,000	800	800	2,000										
綠豆	0.18	340	10		0	0	330	700	700	800										
紅豆	2.01	3,800	100		40	80	2,700	800	800	2,100										
其他	2.22	4,310	210		60	150	4,000	700	700	2,000										
其他	0.04	77					77	800	800	2,000										
小計	2104.00	204.107	4.600		2,000	6,000	200,000	200												
大豆	0.48	932	181		57	134	741	250	917	2,000										
綠豆	0.85	1,650	124		37	87	1,520	851	790	1,870										
紅豆	0.01	19					19	570	570	710										
高粱																				
粟																				
玉米	0.30	582	85		17	38	527	200	200	210										
小麥	0.03	58					58	320	320	320										
其他	0.18	310					310	1,220	1,220	1,220										
其他																				
大豆	0.44	850	45		14	31	800	8,000	8,250	8,100										
綠豆																				
紅豆	0.18	370					370													
其他																				
小計	2104.00	204.107	4.600		2,000	6,000	200,000	200												
大豆	1.40	2,800	300		80	200	2,000	8,000	7,500	10,000										
綠豆	3.17	6,100	300		80	200	6,000													
其他																				

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

208

Sui-Leng

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
39. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

作物 種類	面積 (公頃)			收穫量 (公担)			收穫量 (公担/公頃)		
	面積	佔比	佔比	收穫量	佔比	佔比	收穫量	佔比	佔比
計	2,188.88	100.00	918.37	390,000.00	100.00	178.23	178.23	100.00	178.23
計	1,662.30	76.00	698.37	320,000.00	82.00	192.44	192.44	108.00	108.00
計	526.58	24.00	219.99	70,000.00	18.00	134.82	76.00	42.00	76.00
計	2,188.88	100.00	918.37	390,000.00	100.00	178.23	178.23	100.00	178.23
計	1,662.30	76.00	698.37	320,000.00	82.00	192.44	192.44	108.00	108.00
計	526.58	24.00	219.99	70,000.00	18.00	134.82	76.00	42.00	76.00
計	2,188.88	100.00	918.37	390,000.00	100.00	178.23	178.23	100.00	178.23

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Hai - lun

1. Percentage of various crops
2. Acreage under crops. (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (hectares)		Yield (MT)	
	Area	Percentage	Yield	Percentage
Principal crops	100.00	100.00%	1,000.00	100.00%
Small	99.50	99.50%	995.00	99.50%
Large	0.50	0.50%	5.00	0.50%
Damage	1.11	1.11%	11.11	1.11%
Harvested	98.39	98.39%	983.89	98.39%
Yield per hectare			9.90	
Principal crops, sub-total	98.39	98.39%	983.89	98.39%
Soybeans	44.00	44.00%	440.00	44.00%
Red beans	1.70	1.70%	17.00	1.70%
Green beans	0.10	0.10%	1.00	0.10%
Other beans	0.31	0.31%	3.10	0.31%
Kaoliang	1.11	1.11%	11.11	1.11%
Italian millet	18.84	18.84%	188.40	18.84%
Maize	7.10	7.10%	71.00	7.10%
Wheat	23.46	23.46%	234.60	23.46%
Rice (irrigated)	0.72	0.72%	7.20	0.72%
Rice (unirrigated)	0.01	0.01%	0.10	0.01%
Barley	2.10	2.10%	21.00	2.10%
Oats	0.27	0.27%	2.70	0.27%
Millet	2.21	2.21%	22.10	2.21%
Sawa millet	3.48	3.48%	34.80	3.48%
Buckwheat	0.50	0.50%	5.00	0.50%
Special crops	1.00	1.00%	10.00	1.00%
Ramie for fiber	0.00	0.00%	0.00	0.00%
Ramie for seeds	0.00	0.00%	0.00	0.00%
Perilla seeds	0.00	0.00%	0.00	0.00%
Cotton	0.00	0.00%	0.00	0.00%
Tobacco	0.00	0.00%	0.00	0.00%
Abutilon hemp	0.00	0.00%	0.00	0.00%
Flax	0.00	0.00%	0.00	0.00%
Hemp	0.00	0.00%	0.00	0.00%
Castor-oil seeds	0.00	0.00%	0.00	0.00%
Sesame seeds	0.00	0.00%	0.00	0.00%
Peanuts	0.00	0.00%	0.00	0.00%
Sugar beets	0.00	0.00%	0.00	0.00%
Melon seeds	0.00	0.00%	0.00	0.00%
Others	0.00	0.00%	0.00	0.00%
Other crops, sub-total	1.00	1.00%	10.00	1.00%
Fruits	0.00	0.00%	0.00	0.00%
Potatoes	0.00	0.00%	0.00	0.00%
Fresh vegetables	0.00	0.00%	0.00	0.00%
Ruusan	0.00	0.00%	0.00	0.00%

Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

304 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Wang-k'uei

作物	總計		旱地		水地		其他	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
全	1,000.00	270,500	5,970	5,100	200,000	201		
小	1,000.00	270,500	5,970	5,100	200,000	201		
大豆	20.00	35,712	1,380	1,240	100	24,200	200	34,000
綠豆	1.00	2,157	84	82	2	2,000	200	1,900
黃豆	0.10	910	11	10	1	900	200	800
其他豆類	1.17	1,900	81	14	2	1,800	200	1,600
高粱	2.42	22,848	817	820	20	21,000	200	20,000
小麥	2.25	20,340	842	840	20	20,000	200	20,000
燕麥	1.70	10,502	830	830	20	10,000	200	10,000
其他穀類	20.50	30,970	850	850	20	30,000	200	30,000
水稻 (灌溉)	0.80	1,450	231	200	20	1,250	200	1,050
水稻 (非灌溉)	0.11	102	102	100	2	100	200	100
其他雜糧	1.00	3,082	10	10	2	3,000	200	2,800
燕麥	1.00	1,837	285	250	20	1,500	200	1,300
其他	0.80	930				900	200	800
小計	2.29	6,930	850	850	20	6,000	200	5,800
大麻 (纖維)	0.04	80				80	200	800
大麻 (種子)	0.45	5,000	250	250	20	4,800	200	4,600
荳蔻	0.01	17				17	200	100
棉花 (進口)								
棉花 (本地)								
煙草 (美國)	0.07	110				110	200	200
煙草 (本地)	0.01	17				17	200	200
亞麻								
苧麻								
其他								
小計	0.53	7,760	250	250	20	7,000	200	6,800
其他	1.50	2,000				2,000	200	1,800
其他	0.80	4,400				4,400	200	4,200

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

T'ung-peï

作物別 (Crop)	面積 (Acreage)		收穫量 (Yield)		單位收穫量 (Yield/ha)		備註 (Remarks)
	公頃 (Hectares)	畝 (Mu)	公噸 (MT)	担 (Dan)	公噸/公頃 (MT/ha)	担/畝 (Dan/Mu)	
合計 (Total)	12,000.00	18,000	800	12,000	66.67	1,000	
損害面積 (Damaged Area)	1,000.00	1,500	0	0	0	0	
實際收穫面積 (Harvested Area)	11,000.00	16,500	800	12,000	72.73	1,000	
大豆 (Soybeans)	2,500.00	3,750	120	1,800	48.00	600	
綠豆 (Green Beans)	1,500.00	2,250	100	1,500	100.00	1,200	
紅豆 (Red Beans)	1,000.00	1,500	100	1,000	100.00	1,000	
高粱 (Kaoliang)	3,000.00	4,500	300	4,500	150.00	1,500	
小麥 (Wheat)	2,000.00	3,000	200	3,000	150.00	2,000	
粟 (Millet)	1,500.00	2,250	150	2,250	150.00	1,500	
燕麥 (Oats)	500.00	750	50	750	150.00	500	
其他作物 (Other Crops)	2,000.00	3,000	200	3,000	150.00	2,000	
水稻 (Rice)	3,500.00	5,250	350	5,250	150.00	3,500	
小計 (Sub-total)	11,000.00	16,500	800	12,000	72.73	1,000	

#53 Manchurian Agriculture Station for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Pei-an

Crop	Acreage (Hectares)		Yield (MT)	
	Area	Harvested	Yield	Yield per Hectare
Principal Crops	17,000	17,000	18,000	1,059
Soybeans	11,500	11,500	12,000	1,043
Red beans	2,000	2,000	2,000	1,000
Green beans	1,000	1,000	1,000	1,000
Other beans	2,500	2,500	2,500	1,000
Kaoliang	11,000	11,000	11,000	1,000
Italian millet	1,500	1,500	1,500	1,000
Maize	1,000	1,000	1,000	1,000
Wheat	1,000	1,000	1,000	1,000
Rice (irrigated)	1,000	1,000	1,000	1,000
Rice (unirrigated)	1,000	1,000	1,000	1,000
Barley	1,000	1,000	1,000	1,000
Oats	1,000	1,000	1,000	1,000
Millet	1,000	1,000	1,000	1,000
Sawa millet	1,000	1,000	1,000	1,000
Buckwheat	1,000	1,000	1,000	1,000
Special Crops	1,000	1,000	1,000	1,000
Ramie for fiber	1,000	1,000	1,000	1,000
Ramie for seeds	1,000	1,000	1,000	1,000
Perilla seeds	1,000	1,000	1,000	1,000
Cotton (imported)	1,000	1,000	1,000	1,000
Cotton (native)	1,000	1,000	1,000	1,000
Tobacco (US)	1,000	1,000	1,000	1,000
Tobacco (native)	1,000	1,000	1,000	1,000
Abutilon hemp	1,000	1,000	1,000	1,000
Flax	1,000	1,000	1,000	1,000
Hemp	1,000	1,000	1,000	1,000
Castor-oil seeds	1,000	1,000	1,000	1,000
Sesame seeds	1,000	1,000	1,000	1,000
Peanuts	1,000	1,000	1,000	1,000
Sugar beets	1,000	1,000	1,000	1,000
Melon seeds	1,000	1,000	1,000	1,000
Others	1,000	1,000	1,000	1,000
Total	18,000	18,000	19,000	1,055

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Te-tu
德 魯 魯

Crop	1		2		3		4		5		6		7		8		9		10	
	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield
合計	41,000	434																		
大豆	21,000	10,000																		
綠豆	1,000	500																		
黃豆	19,000	9,500																		
高粱	1,000	500																		
燕麥	1,000	500																		
小麥	1,000	500																		
水稻	1,000	500																		
其他	1,000	500																		

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsiens (For 1941)

Hsun-ho

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal Crops	19,220	6,800	1,000,000	350,000	52,000	51,500
Small	18,820	761	980,000	340,000	52,000	51,500
Large	400	14	20,000	10,000	50,000	50,000
Soybeans	0.83	14	1,000	1,000	1,200	1,200
Red beans	0.71	42	1,000	1,000	1,400	1,400
Green beans	7.30	438	1,000	1,000	135	135
Other beans	0.70	404	1,000	1,000	143	143
Kaoliang	30.14	1,783	1,000	1,000	33	33
Italian millet	1.18	70	1,000	1,000	85	85
Maize	1.83	115	1,000	1,000	545	545
Wheat	18.30	1,152	1,000	1,000	54	54
Rice (irrigated)	0.45	82	1,000	1,000	225	225
Rice (unirrigated)	3.30	200	1,000	1,000	300	300
Barley	1.77	105	1,000	1,000	565	565
Oats	0.49	7	1,000	1,000	200	200
Millet	0.49	7	1,000	1,000	200	200
Sawa millet	0.49	7	1,000	1,000	200	200
Buckwheat	0.49	7	1,000	1,000	200	200
Special Crops	1.77	105	1,000	1,000	565	565
Ramie for fiber	1.77	105	1,000	1,000	565	565
Ramie for seeds	0.49	7	1,000	1,000	200	200
Perilla seeds	0.49	7	1,000	1,000	200	200
Cotton (imported)	0.49	7	1,000	1,000	200	200
Cotton (native)	0.49	7	1,000	1,000	200	200
Tobacco (US)	0.49	7	1,000	1,000	200	200
Tobacco (native)	0.49	7	1,000	1,000	200	200
Abutilon hemp	0.49	7	1,000	1,000	200	200
Flax	0.49	7	1,000	1,000	200	200
Hemp	0.49	7	1,000	1,000	200	200
Castor-oil seeds	0.49	7	1,000	1,000	200	200
Sesame seeds	0.49	7	1,000	1,000	200	200
Peanuts	0.49	7	1,000	1,000	200	200
Sugar beets	0.49	7	1,000	1,000	200	200
Melon seeds	0.49	7	1,000	1,000	200	200
Other Crops	1.77	105	1,000	1,000	565	565
Fruits	1.77	105	1,000	1,000	565	565
Potatoes	0.49	7	1,000	1,000	200	200
Fresh vegetables	0.49	7	1,000	1,000	200	200
Ruusan	0.49	7	1,000	1,000	200	200

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans 15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruisan

Acreage Under Crops and Amount of Yield by Hsien (For 1941)

Ch'i-k'o

Crop	Acreage (Hectares)		Yield (MT)		Percentage of Acreage (%)
	Total	Harvested	Total	Harvested	
Total	100.00	97.80	8,320	8,000	100
Principal crops	77.30	77.30	6,140	5,800	74
Soybeans	18.00	18.00	1,570	1,450	19
Green beans	1.20	1.20	70	70	1
Other beans	0.10	0.10	5	5	0
Kaoliang	0.10	0.10	5	5	0
Italian millet	0.10	0.10	5	5	0
Maize	0.10	0.10	5	5	0
Wheat	0.10	0.10	5	5	0
Rice (irrigated)	0.10	0.10	5	5	0
Rice (unirrigated)	0.10	0.10	5	5	0
Barley	0.10	0.10	5	5	0
Oats	0.10	0.10	5	5	0
Millet	0.10	0.10	5	5	0
Sava millet	0.10	0.10	5	5	0
Buckwheat	0.10	0.10	5	5	0
Special crops	20.50	20.50	2,180	2,200	26
Ramie for fiber	1.00	1.00	170	170	2
Ramie for seeds	0.10	0.10	7	7	0
Perilla seeds	0.10	0.10	7	7	0
Cotton (imported)	0.10	0.10	7	7	0
Cotton (native)	0.10	0.10	7	7	0
Tobacco (US)	0.10	0.10	7	7	0
Tobacco (native)	0.10	0.10	7	7	0
Abutilon hemp	0.10	0.10	7	7	0
Flax	0.10	0.10	7	7	0
Hemp	0.10	0.10	7	7	0
Castor-oil seeds	0.10	0.10	7	7	0
Sesame seeds	0.10	0.10	7	7	0
Peanuts	0.10	0.10	7	7	0
Sugar beets	0.10	0.10	7	7	0
Melon seeds	0.10	0.10	7	7	0
Others	0.10	0.10	7	7	0
Other crops	2.20	2.20	110	110	1
Fruits	0.10	0.10	5	5	0
Potatoes	0.10	0.10	5	5	0
Fresh vegetables	0.10	0.10	5	5	0
Ruisan	0.10	0.10	5	5	0

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Ai-hun

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Lent beans
16. Green beans
17. Other kinds of beans
18. Keoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Alutylon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Runsan

Crop	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)	
	Total	Damaged	Total	Damaged	Total	Damaged
Principal crops	12,000	17,000	110	100	10,000	10,000
大豆 (Soybeans)	12,000	1,174	100	100	2,000	1,174
小豆 (Lent beans)	0.10	17				
綠豆 (Green beans)	0.10	17				
其他豆類 (Other beans)	16.80	2,000	81	81	2,000	2,000
高粱 (Keoliang)	10.00	1,712			1,712	1,712
小麥 (Wheat)	10.00	2,570	84	84	2,570	2,570
燕麥 (Oats)	3.90	888			888	888
大麥 (Barley)	1.00	171			171	171
水稻 (Rice)	28.00	4,200	284	284	4,200	4,200
粟 (Millet)	3.00	814	80	80	814	814
黍 (Sawa millet)	2.80	487	70	70	487	487
Special crops	2.29	81				
大麻 (Cannabis)	0.20	34				
苧麻 (Ramie)	0.10	17				
其他 (Others)	1.99	47				
Total	14,299	18,817	464	464	10,000	10,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Hu-ma

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal crops	213	213	2,876	2,876	13.5	13.5
Soybeans	4.00	4.00	2.00	2.00	500	500
Red beans	0.10	0.10	0.05	0.05	500	500
Green beans	1.74	1.74	0.87	0.87	500	500
Other kinds of beans	25.71	25.71	12.85	12.85	500	500
Kaoliang	58.75	58.75	29.37	29.37	500	500
Italian millet	5.01	5.01	2.50	2.50	500	500
Maize	0.50	0.50	0.25	0.25	500	500
Wheat	0.20	0.20	0.10	0.10	500	500
Rice (irrigated)	0.00	0.00	0.00	0.00	0	0
Rice (unirrigated)	0.00	0.00	0.00	0.00	0	0
Barley	0.00	0.00	0.00	0.00	0	0
Oats	0.00	0.00	0.00	0.00	0	0
Millet	0.00	0.00	0.00	0.00	0	0
Sava millet	0.00	0.00	0.00	0.00	0	0
Buckwheat	0.00	0.00	0.00	0.00	0	0
Special crops	0.00	0.00	0.00	0.00	0	0
Ramie for fiber	0.00	0.00	0.00	0.00	0	0
Ramie for seeds	0.00	0.00	0.00	0.00	0	0
Perilla seeds	0.00	0.00	0.00	0.00	0	0
Cotton	0.00	0.00	0.00	0.00	0	0
Tobacco	0.00	0.00	0.00	0.00	0	0
Abutilon hemp	0.00	0.00	0.00	0.00	0	0
Hemp	0.00	0.00	0.00	0.00	0	0
Castor-oil seeds	0.00	0.00	0.00	0.00	0	0
Sesame seeds	0.00	0.00	0.00	0.00	0	0
Peanuts	0.00	0.00	0.00	0.00	0	0
Melon seeds	0.00	0.00	0.00	0.00	0	0
Others	0.00	0.00	0.00	0.00	0	0
Other crops	0.00	0.00	0.00	0.00	0	0
Fruits	0.00	0.00	0.00	0.00	0	0
Potatoes	0.00	0.00	0.00	0.00	0	0
Fresh vegetables	0.00	0.00	0.00	0.00	0	0
Ruusan	0.00	0.00	0.00	0.00	0	0

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian Millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rhusan

RESTRICTED

#53 Acreage Under Crops and Area and by Hsiens (For 1941)
Ou-p'u

Crop Name	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)
大豆 (Soybeans)	100.00	1,000	100																			
綠豆 (Green beans)	73																					
紅豆 (Red beans)																						
綠豆 (Green beans)																						
其他豆類 (Other beans)																						
高粱 (Kaoliang)	30.00	300	20																			
小麥 (Wheat)																						
大麥 (Maize)																						
水稻 (Rice)	54.00	647	81																			
其他穀類 (Other grains)	5.00	50	8																			
燕麥 (Barley)	1.10	11																				
小計 (Sub-total)	73																					
大麻 (Ramie)																						
苧麻 (Ramie)																						
其他纖維作物 (Other fiber crops)																						
棉花 (Cotton)																						
煙草 (Tobacco)																						
亞麻 (Hemp)																						
其他特種作物 (Other special crops)																						
小計 (Sub-total)	79																					
其他作物 (Other crops)																						
小計 (Sub-total)	76																					
總計 (Total)	100.00	1,000	100																			

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Mo-ho

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal crops	73	73	1000	1000
Soybeans	25.20	149	27	27
Rice (irrigated)	64.00	378	88	88
Rice (unirrigated)				
Kaoliang				
Maize				
Wheat				
Italian millet				
Other kinds of beans				
Barley				
Oats				
Millet				
Sawa millet				
Buckwheat				
Special crops	716	716	11.00	11.00
Ramie for fiber				
Ramie for seeds				
Perilla seeds				
Cotton				
Tobacco				
Abutilon hemp				
Flax				
Hemp				
Castor-oil seeds				
Sesame seeds				
Peanuts				
Sugar beets				
Melon seeds				
Others				
Fruits				
Potatoes				
Fresh vegetables				
Ruusan				
Total	806	806	1111	1111

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Table 10. Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Crops (Chinese)	Crops (English)	Acreage (Hectares)		Yield (MT)	
		Total	Harvested	Total	Harvested
Grains					
Small grain	小粒穀類	2,120.00	1,500.00	1,200.00	1,000.00
Wheat	小麥	1,200.00	800.00	500.00	400.00
Maize	玉米	250.00	200.00	100.00	80.00
Rice (irrigated)	灌溉稻	1,500.00	1,000.00	500.00	400.00
Rice (unirrigated)	旱稻	1,500.00	1,000.00	500.00	400.00
Barley	燕麥	1,000.00	500.00	200.00	150.00
Oats	蕎麥	500.00	200.00	100.00	80.00
Millet	粟	1,000.00	500.00	200.00	150.00
Sawa millet	水田粟	500.00	200.00	100.00	80.00
Buckwheat	蕎麥	500.00	200.00	100.00	80.00
Beans					
Soybeans	大豆	1,500.00	1,000.00	500.00	400.00
Red beans	紅豆	500.00	300.00	150.00	120.00
Green beans	綠豆	500.00	300.00	150.00	120.00
Other kinds of beans	其他豆類	500.00	300.00	150.00	120.00
Special Crops					
Ramie for fiber	苧麻	1,000.00	500.00	200.00	150.00
Ramie for seeds	苧麻子	500.00	200.00	100.00	80.00
Perilla seeds	紫蘇子	500.00	200.00	100.00	80.00
Cotton, imported species	洋棉	500.00	200.00	100.00	80.00
Cotton, native species	土棉	500.00	200.00	100.00	80.00
Tobacco, US species	洋菸	500.00	200.00	100.00	80.00
Tobacco, native species	土菸	500.00	200.00	100.00	80.00
Abutilon hemp	亞比倫麻	500.00	200.00	100.00	80.00
Flax	亞麻	500.00	200.00	100.00	80.00
Hemp	大麻	500.00	200.00	100.00	80.00
Castor-oil seeds	蓖麻子	500.00	200.00	100.00	80.00
Sesame seeds	芝麻	500.00	200.00	100.00	80.00
Peanuts	花生	500.00	200.00	100.00	80.00
Sugar beets	甜菜	500.00	200.00	100.00	80.00
Melon seeds	西瓜子	500.00	200.00	100.00	80.00
Others	其他	500.00	200.00	100.00	80.00
Fruits and Vegetables					
Potatoes	馬鈴薯	500.00	200.00	100.00	80.00
Fresh vegetables	新鮮蔬菜	500.00	200.00	100.00	80.00
Total		7,440.00	5,100.00	2,600.00	2,100.00

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Haiens (For 1941)

Sun-wi

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal Crops	73			
大豆 (Soybeans)	11.70	287	11	340
其他豆類 (Other Beans)	0.80	20	4	232
高粱 (Kaoliang)	0.10	3	4	68
其他禾類 (Other Cereals)	0.72	22	3	142
其他 (Others)	0.03	1	1	60
綠豆 (Green Beans)	7.40	220	20	220
豌豆 (Peas)	5.53	180	9	180
小豆 (Kidney Beans)	18.00	510	38	480
水磨 (Watermill)	2.45	75	20	80
大米 (Rice)	0.82	19	1	18
小麥 (Wheat)	21.80	680	80	870
其他 (Others)	7.13	218	32	180
其他 (Others)	3.14	80	30	80
Special Crops	7.29			
大麻 (Hemp)	0.00	2	1	40
苧麻 (Ramie)	0.00	1	1	40
其他 (Others)	0.00	1	1	40
其他 (Others)	7.46	207	60	60
其他 (Others)	7.10	210	20	180
其他 (Others)	14.80	420	30	400

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (for 1941)

總產量統計表

作物名稱	1. 總產量		2. 收穫量		3. 損害量		4. 其他		5. 備註	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)		
全部	144,000	100,000	100,000	8,000						
小計	144,000	100,000	100,000	8,000						
大豆	15,000	27,142	2,804							
綠豆	1,000	2,000	60							
紅豆	0,100	100	3							
其他豆類	0,300	400	14							
高粱	10,800	11,100	1,100							
燕麥	17,000	16,100	1,300							
小麥	11,600	12,200	1,271							
其他小麥	16,700	17,800	100							
大麥	3,400	3,717	700							
其他	0,900	500								
水稻 (灌溉)	0,400	511								
水稻 (非灌溉)	2,700	2,901	140							
燕麥	2,800	3,040	160							
其他	0,000	00	20							
小計	144,000	100,000	100,000	8,000						
特殊作物	1,000	2,000	100							
大麻 (纖維)	0,200	300								
大麻 (種子)	0,300	300								
其他	0,500	400								
棉花 (進口)										
棉花 (本地)										
煙草 (美國)	0,070	70								
煙草 (本地)	0,030	60								
亞麻	2,000	2,101	20							
其他										
小計	1,000	2,000	100							
其他	0,010	10								
其他	1,000	1,990	200							
其他	1,000	1,970								

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectares (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Halens (For 1941)

T'ieh-li

作物名稱	1941年		1940年		1939年		1938年		1937年		1936年		1935年	
	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)	面積 (公頃)	產量 (公噸)
合計	1,100.00	1,700	1,000	1,500	1,000	1,500	1,000	1,500	1,000	1,500	1,000	1,500	1,000	1,500
大豆	18.30	1,010	370	370	370	370	370	370	370	370	370	370	370	370
綠豆	1.72	100	97	97	97	97	97	97	97	97	97	97	97	97
黃豆	0.01	1	1	1	1	1	1	1	1	1	1	1	1	1
其他豆類	0.00	00	02	02	02	02	02	02	02	02	02	02	02	02
高粱	2.03	2,000	50	50	50	50	50	50	50	50	50	50	50	50
粟	13.47	1,322	293	293	293	293	293	293	293	293	293	293	293	293
小麥	18.42	1,818	396	396	396	396	396	396	396	396	396	396	396	396
水磨	0.52	544	85	85	85	85	85	85	85	85	85	85	85	85
大米	15.38	1,512	328	328	328	328	328	328	328	328	328	328	328	328
其他稻類	0.83	82	36	36	36	36	36	36	36	36	36	36	36	36
其他穀類	2.97	293	35	35	35	35	35	35	35	35	35	35	35	35
其他雜糧	0.00	000	00	00	00	00	00	00	00	00	00	00	00	00
其他	2.24	221	10	10	10	10	10	10	10	10	10	10	10	10
其他	3.83	377	38	38	38	38	38	38	38	38	38	38	38	38
其他	0.30	30	3	3	3	3	3	3	3	3	3	3	3	3
特別作物	2.29	229	14	14	14	14	14	14	14	14	14	14	14	14
大麻 (纖維)	0.04	4	4	4	4	4	4	4	4	4	4	4	4	4
大麻 (種子)	0.31	31	6	6	6	6	6	6	6	6	6	6	6	6
苧麻	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
棉花 (進口)	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
棉花 (本地)	0.04	4	4	4	4	4	4	4	4	4	4	4	4	4
煙草 (美國)	0.03	3	3	3	3	3	3	3	3	3	3	3	3	3
煙草 (本地)	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
亞麻	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
亞麻 (種子)	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	0.04	4	4	4	4	4	4	4	4	4	4	4	4	4
其他	1.88	188	18	18	18	18	18	18	18	18	18	18	18	18
其他	1.44	144	12	12	12	12	12	12	12	12	12	12	12	12
其他	0.04	4	4	4	4	4	4	4	4	4	4	4	4	4
其他	1.88	188	18	18	18	18	18	18	18	18	18	18	18	18
其他	1.44	144	12	12	12	12	12	12	12	12	12	12	12	12

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

RESTRICTED

218 **Area Under Crops and Amount of Yield**
and by Hsien (For 1941)
Yang-yuan

作物種類	全部	總計	第一區	第二區	第三區	第四區	第五區	第六區	第七區	第八區	第九區	第十區
全部	12,000	12,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
主要作物	713	713	180	180	180	180	180	180	180	180	180	180
大豆	28.00	28.00	424	424	424	424	424	424	424	424	424	424
綠豆	0.80	0.80	331	331	331	331	331	331	331	331	331	331
黑豆	0.01	0.01	7	7	7	7	7	7	7	7	7	7
花生	0.12	0.12	46	46	46	46	46	46	46	46	46	46
芝麻	4.40	2,222	420	420	420	420	420	420	420	420	420	420
其他油料	15.15	2,372	624	624	624	624	624	624	624	624	624	624
小計	58.53	58.53	900	900	900	900	900	900	900	900	900	900
水稻	26.00	2,400	800	800	800	800	800	800	800	800	800	800
旱稻	8.01	2,684	900	900	900	900	900	900	900	900	900	900
小計	34.01	34.01	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
其他作物	7.90	2,781	700	700	700	700	700	700	700	700	700	700
小計	41.91	41.91	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
特殊作物	0.40	0.40	100	100	100	100	100	100	100	100	100	100
大麻	0.22	77	77	77	77	77	77	77	77	77	77	77
苧麻	0.18	63	63	63	63	63	63	63	63	63	63	63
其他纖維作物	0.02	7	7	7	7	7	7	7	7	7	7	7
棉花	0.03	10	10	10	10	10	10	10	10	10	10	10
煙草	0.03	10	10	10	10	10	10	10	10	10	10	10
大麻	0.03	10	10	10	10	10	10	10	10	10	10	10
其他特殊作物	0.07	25	25	25	25	25	25	25	25	25	25	25
小計	0.40	142	142	142	142	142	142	142	142	142	142	142
總計	1.00	1,842	1,842	1,842	1,842	1,842	1,842	1,842	1,842	1,842	1,842	1,842

- Percentage of various crops
- Acreege under crops (hectares)
- Damaged acreage with no yield
- Total damaged acreage (hectares)
- By drought (hectares)
- By floods (hectares)
- By others (hectares)
- Acreege harvested (hectares)
- Yield per hectare (kg)
- Total yield (MT)
- Kinds of crops
- Total
- Principal crops, sub-total
- Soybeans
- Red beans
- Green beans
- Other kinds of beans
- Kaoliang
- Italian millet
- Maize
- Wheat
- Rice (irrigated)
- Rice (unirrigated)
- Barley
- Oats
- Millet
- Sawa millet
- Buckwheat
- Special crops, sub-total
- Ramie for fiber
- Ramie for seeds
- Perilla seeds
- Cotton, imported species
- Cotton, native species
- Tobacco, US species
- Tobacco, native species
- Abutilon hemp
- Flax
- Hemp
- Castor-oil seeds
- Sesame seeds
- Peanuts
- Sugar beets
- Melon seeds
- Others
- Other crops, sub-total
- Fruits
- Potatoes
- Fresh vegetables
- Ruusan

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Regions (For 1941)

Chao-chou

潮州 總地

潮州 總地

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Russian

作物名稱	3 潮 州 總 地		4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	
	面積 (公頃)	收穫量 (公噸)	面積 (公頃)	收穫量 (公噸)
合計	12,850.00	107,100		107,100
小計	13,027.78	102,800		102,800
大豆	4.45	6,774		6,774
綠豆	1.79	2,450		2,450
黃豆	3.45	2,000		2,000
其他豆類	1.05	2,000		2,000
高粱	18.50	36,474		36,474
粟	27.10	53,430		53,430
玉米	21.60	42,714		42,714
其他雜糧	5.00	8,800		8,800
水稻 (灌溉)	0.02	30		30
水稻 (不灌溉)	0.45	804		804
燕麥	4.83	9,513		9,513
小麥	2.77	5,464		5,464
其他穀類	0.45	887		887
其他	1.27	2,504		2,504
小計	79.9	8,800		8,800
大麻 (纖維用)	0.35	800		800
大麻 (種子用)	1.31	2,577		2,577
其他	1.05	2,070		2,070
棉花 (進口)				
棉花 (本地)				
煙草 (美國)	0.01	30		30
煙草 (本地)	0.01	30		30
亞麻	0.05	80		80
大麻 (種子)	0.20	304		304
花生				
西瓜				
其他				
小計	1.00	2,000		2,000
其他	1.00	2,000		2,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rhusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops
and by Heliens (For 1941)
Chao-tung

項目	計	100%	100%	計	100%	100%	計	100%	計	100%
總計	113	113.000	113.000	...	...	...	...	...	...	...
大豆	5.80	5.13%	8,187	...	...	...	...	...	...	...
綠豆	1.10	0.97%	2,021	...	...	...	...	...	...	...
其他豆類	1.30	1.15%	2,297	...	...	...	...	...	...	...
高粱	16.10	14.25%	27,908	...	...	...	...	...	...	...
燕麥	20.10	17.79%	51,752	...	...	...	...	...	...	...
小麥	20.81	18.42%	37,882	...	...	...	...	...	...	...
水稻	7.00	6.19%	13,008	...	...	...	...	...	...	...
其他	0.80	0.71%	1,470	...	...	...	...	...	...	...
總計	113	100%	113,000	...	...	...	...	...	...	...

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Province and by Haicns (For 1941)

Lan-hsi

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Malon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Mansas

作物	全省		第一區		第二區		第三區		第四區		第五區	
	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
大豆	10.25	17,815	307	122	122	17,395	335	875	15,420	335	875	15,420
綠豆	0.26	448	14	19	4	488	735	787	80	80	80	80
紅豆	0.64	1,197	204	142	81	685	505	715	100	100	100	100
其他豆類	0.37	632				632	827	817				
高粱	18.15	32,878	509	341	185	32,338	1,028	1,041	33,908			
粟	26.12	44,842	1,033	772	231	43,066	1,040	1,040	46,741			
玉米	8.93	16,013	196	81	75	15,857	1,337	1,337	16,000			
小麥	10.81	18,938	285	182	102	18,753	1,967	1,974	18,900			
綠豆	0.07	175				175	978	978	192			
大豆	0.53	912	74	47	27	938	1,204	1,210	1,210			
高粱	11.45	18,805	207	110	97	18,306	964	964	18,800			
粟	2.38	5,859	248	187	85	5,665	1,900	1,900	5,810			
其他	0.79	1,358				1,358	948	948	1,358			
雜糧	0.85	1,119	41	41		1,078	958	931	1,119			
其他	0.09	143				143	342	342	143			
大豆	1.18	2,035	88	66	20	1,834	968	968	2,035			
綠豆	0.46	848	40	28	15	808	531	531	848			
其他	0.14											
高粱	1.81		17	10	7	2,747	1,304	1,304	2,747			
粟	2.784											
其他	0.08											
大豆	0.01	148				148	478	478	148			
其他		15				15			15			
其他	0.08	137				137			137			
其他	4.000					4,000			4,000			
其他	1.000	8,000				8,000	8,000	8,000	8,000			
其他	0.000	1,000				1,000			1,000			

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield of Crops and by Heiens (for 1941)

Ch'in-kan

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop Name	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)	
	Total	Damaged	Total	Damaged	Total	Damaged
Principal Crops	104,000	170,000	8,000	2,000	8,000	2,000
Small Crops	96,000	160,000	8,000	2,000	8,000	2,000
Large Crops	11,000	10,700	200	0	200	0
Wheat	1,010	2,000	25	0	25	0
Barley	0,000	700	25	0	25	0
Oats	1,000	2,000	50	0	50	0
Millet	17,000	20,000	500	0	500	0
Soya Beans	20,000	45,770	1,500	1,000	75	22
Green Beans	0,000	10,000	0	0	0	0
Red Beans	0,000	10,000	0	0	0	0
Other Beans	12,000	21,000	100	0	8	0
Maize	0,000	0	0	0	0	0
Italian Millet	0,000	0	0	0	0	0
Rice (irrigated)	0,000	0	0	0	0	0
Rice (unirrigated)	0,000	0	0	0	0	0
Other Special Crops	0,000	0	0	0	0	0
Special Crops	100	100	100	100	100	100
Castor-oil seeds	100	100	100	100	100	100
Sesame seeds	100	100	100	100	100	100
Sugar beets	100	100	100	100	100	100
Melon seeds	100	100	100	100	100	100
Other Special Crops	100	100	100	100	100	100
Other Crops	100	100	100	100	100	100
Fruits	100	100	100	100	100	100
Potatoes	100	100	100	100	100	100
Fresh vegetables	100	100	100	100	100	100
Ruusan	100	100	100	100	100	100

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Various Crops
and by Heiens (for 1941)
Ch'in-ka

Crop	Acreage (hectares)		Amount (kg)	
	1941	1940	1941	1940
1. Percentage of various crops				
2. Acreage under crops (hectares)	100.00	100.00	100.00	100.00
3. Damaged acreage with no yield				
4. Total damaged acreage (hectares)				
5. By drought (hectares)				
6. By floods (hectares)				
7. By others (hectares)				
8. Acreage harvested (hectares)				
9. Yield per hectare (kg)				
10. Total yield (MT)				
11. Kinds of crops				
12. Total				
13. Principal crops, sub-total				
14. Soybeans				
15. Red beans				
16. Green beans				
17. Other kinds of beans				
18. Kaoliang				
19. Italian millet				
20. Maize				
21. Wheat				
22. Rice (irrigated)				
23. Rice (unirrigated)				
24. Barley				
25. Oats				
26. Millet				
27. Sawa millet				
28. Buckwheat				
29. Special crops, sub-total				
30. Ramie for fiber				
31. Ramie for seeds				
32. Ferilla seeds				
33. Cotton, imported species				
34. Cotton, native species				
35. Tobacco, US species				
36. Tobacco, native species				
37. Abutilon hemp				
38. Flax				
39. Hemp				
40. Castor-oil seeds				
41. Sesame seeds				
42. Peanuts				
43. Sugar beets				
44. Melon seeds				
45. Others				
46. Other crops, sub-total				
47. Fruits				
48. Potatoes				
49. Fresh vegetables				
50. Ruusan				

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Ferilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (for 1941)

Ming-shui

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	1. Acreage		2. Damaged		3. Harvested		4. Yield		5. Total	
	Area	%	Area	%	Area	%	Yield	%	Yield	%
Total	147,861	100.00	147,861	100.00	147,861	100.00	147,861	100.00	147,861	100.00
Principal crops	128,281	86.75	128,281	86.75	128,281	86.75	128,281	86.75	128,281	86.75
Soybeans	18,73	12.73	18,73	12.73	18,73	12.73	18,73	12.73	18,73	12.73
Red beans	1,11	0.75	1,11	0.75	1,11	0.75	1,11	0.75	1,11	0.75
Green beans	0,93	0.63	0,93	0.63	0,93	0.63	0,93	0.63	0,93	0.63
Other beans	7,88	5.33	7,88	5.33	7,88	5.33	7,88	5.33	7,88	5.33
Kaoliang	28,45	19.23	28,45	19.23	28,45	19.23	28,45	19.23	28,45	19.23
Italian millet	10,88	7.36	10,88	7.36	10,88	7.36	10,88	7.36	10,88	7.36
Maize	14,00	9.47	14,00	9.47	14,00	9.47	14,00	9.47	14,00	9.47
Wheat	0,33	0.22	0,33	0.22	0,33	0.22	0,33	0.22	0,33	0.22
Barley	0,07	0.05	0,07	0.05	0,07	0.05	0,07	0.05	0,07	0.05
Oats	2,38	1.61	2,38	1.61	2,38	1.61	2,38	1.61	2,38	1.61
Millet	0,48	0.32	0,48	0.32	0,48	0.32	0,48	0.32	0,48	0.32
Sawa millet	2,58	1.75	2,58	1.75	2,58	1.75	2,58	1.75	2,58	1.75
Buckwheat	1,11	0.75	1,11	0.75	1,11	0.75	1,11	0.75	1,11	0.75
Special crops	2,42	1.64	2,42	1.64	2,42	1.64	2,42	1.64	2,42	1.64
Other crops	19,580	13.24	19,580	13.24	19,580	13.24	19,580	13.24	19,580	13.24
Rice (irrigated)	0,31	0.21	0,31	0.21	0,31	0.21	0,31	0.21	0,31	0.21
Rice (unirrigated)	4,82	3.26	4,82	3.26	4,82	3.26	4,82	3.26	4,82	3.26
Barley	0,87	0.59	0,87	0.59	0,87	0.59	0,87	0.59	0,87	0.59
Millet	0,42	0.28	0,42	0.28	0,42	0.28	0,42	0.28	0,42	0.28
Buckwheat	0,08	0.05	0,08	0.05	0,08	0.05	0,08	0.05	0,08	0.05
Special crops	0,01	0.01	0,01	0.01	0,01	0.01	0,01	0.01	0,01	0.01
Cotton	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Tobacco	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Abutilon hemp	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Flax	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Hemp	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Castor-oil seeds	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Sesame seeds	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Peanuts	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Sugar beets	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Melon seeds	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00
Others	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00	0,00	0.00

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (T)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesam. seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fruit vegetables
50. Ruusan

作物	1		2		3		4		5		6		7		8		9		10	
	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損
全	12,053.00	90,700	1,200	1,010	800	800	80,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
小	91.00	82,970	1,200	1,010	800	800	80,000	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
大豆	12.80	11,730	100	80	80	80	11,570	800	800	800	800	800	800	800	800	800	800	800	800	800
綠豆	2.50	2,200	—	—	—	—	2,200	700	700	700	700	700	700	700	700	700	700	700	700	700
紅豆	1.70	1,500	—	—	—	—	1,500	700	700	700	700	700	700	700	700	700	700	700	700	700
其他豆	1.50	1,300	—	—	—	—	1,300	700	700	700	700	700	700	700	700	700	700	700	700	700
高粱	17.20	15,410	200	210	210	17	15,300	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
粟	20.00	24,100	300	300	300	120	23,800	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
玉米	14.51	10,170	200	200	200	11	10,000	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
小麦	7.00	6,300	—	—	—	—	6,300	700	700	700	700	700	700	700	700	700	700	700	700	700
水稻	0.00	545	—	—	—	—	545	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	0.00	70	—	—	—	—	70	800	800	800	800	800	800	800	800	800	800	800	800	800
雜糧	3.00	3,500	—	—	—	—	3,500	800	800	800	800	800	800	800	800	800	800	800	800	800
薯類	0.00	800	—	—	—	—	800	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	1.00	1,510	10	10	10	10	1,500	800	800	800	800	800	800	800	800	800	800	800	800	800
小計	72.9	6,400	100	100	100	100	6,300	800	800	800	800	800	800	800	800	800	800	800	800	800
大豆	0.20	200	—	—	—	—	200	800	800	800	800	800	800	800	800	800	800	800	800	800
綠豆	0.00	800	—	—	—	—	800	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	4.20	3,110	100	100	100	100	3,010	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	0.01	10	—	—	—	—	10	410	410	410	410	410	410	410	410	410	410	410	410	410
其他	0.00	70	—	—	—	—	70	300	300	300	300	300	300	300	300	300	300	300	300	300
其他	0.01	10	—	—	—	—	10	410	410	410	410	410	410	410	410	410	410	410	410	410
其他	0.00	70	—	—	—	—	70	300	300	300	300	300	300	300	300	300	300	300	300	300
其他	0.00	200	—	—	—	—	200	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	0.10	110	—	—	—	—	110	400	400	400	400	400	400	400	400	400	400	400	400	400
其他	0.01	0	—	—	—	—	0	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
小計	4.6	3,000	—	—	—	—	3,000	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	1.00	1,100	—	—	—	—	1,100	800	800	800	800	800	800	800	800	800	800	800	800	800
其他	1.40	1,900	—	—	—	—	1,900	800	800	800	800	800	800	800	800	800	800	800	800	800

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield and by Hsiens. (For 1941)
Lung-shiang

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (kg)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruisan

Crop	1941		1940		1939		1938		1937		1936	
	Acreage	Yield	Acreage	Yield	Acreage	Yield	Acreage	Yield	Acreage	Yield	Acreage	Yield
Total	100.0	237,500	10,000	18,100	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Principal crops	73.3	212,300	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400	12,400
Soybeans	14.16	32,210	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Red beans	1.01	2,200	100	100	100	100	100	100	100	100	100	100
Green beans	0.39	821	30	30	30	30	30	30	30	30	30	30
Other kinds of beans	0.41	904	30	30	30	30	30	30	30	30	30	30
Kaoliang	12.14	27,819	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410	1,410
Italian millet	20.19	45,947	2,117	2,117	2,117	2,117	2,117	2,117	2,117	2,117	2,117	2,117
Maize	23.08	53,831	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,728	2,728
Wheat	8.31	14,306	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101
Rice (irrigated)	1.80	4,200	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Rice (unirrigated)	0.08	128	10	10	10	10	10	10	10	10	10	10
Barley	1.32	3,001	307	307	307	307	307	307	307	307	307	307
Oats	6.80	15,075	1,071	1,071	1,071	1,071	1,071	1,071	1,071	1,071	1,071	1,071
Millet	1.32	2,895	365	365	365	365	365	365	365	365	365	365
Sawa millet	4.35	9,807	121	121	121	121	121	121	121	121	121	121
Special crops	26.7	25,200	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Ramie for fiber	0.50	450	70	70	70	70	70	70	70	70	70	70
Ramie for seeds	0.28	605	10	10	10	10	10	10	10	10	10	10
Perilla seeds	0.01	18	1	1	1	1	1	1	1	1	1	1
Cotton, imported species	0.03	70	1	1	1	1	1	1	1	1	1	1
Cotton, native species	0.01	18	1	1	1	1	1	1	1	1	1	1
Tobacco, US species	0.05	110	1	1	1	1	1	1	1	1	1	1
Tobacco, native species	0.01	18	1	1	1	1	1	1	1	1	1	1
Abutilon hemp	0.01	25	1	1	1	1	1	1	1	1	1	1
Flax	0.01	25	1	1	1	1	1	1	1	1	1	1
Hemp	0.01	25	1	1	1	1	1	1	1	1	1	1
Castor-oil seeds	0.01	25	1	1	1	1	1	1	1	1	1	1
Sesame seeds	0.01	25	1	1	1	1	1	1	1	1	1	1
Peanuts	0.01	25	1	1	1	1	1	1	1	1	1	1
Sugar beets	0.01	25	1	1	1	1	1	1	1	1	1	1
Melon seeds	0.01	25	1	1	1	1	1	1	1	1	1	1
Others	0.01	25	1	1	1	1	1	1	1	1	1	1
Other crops	26.7	25,200	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Fruits	1.00	2,000	100	100	100	100	100	100	100	100	100	100
Potatoes	1.00	2,000	100	100	100	100	100	100	100	100	100	100
Fresh vegetables	1.00	2,000	100	100	100	100	100	100	100	100	100	100
Ruisan	1.00	2,000	100	100	100	100	100	100	100	100	100	100

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crop and by Hsiens (For 1941)

Ching-hsing

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Crop	Acreage (hectares)		Yield (kg)		Total Yield (MT)	
	Actual	Damaged	Actual	Damaged	Actual	Damaged
Principal crops	100,000	50,000	5,700	5,410	570,000	541,000
Soybeans	15,220	1,000	1,000	800	152,200	8,000
Red beans	1,340	50	50	40	13,400	4,000
Green beans	0,780	60	60	50	7,800	5,000
Other beans	10,850	1,000	1,000	800	108,500	8,000
Kaoliang	20,400	1,200	1,200	1,100	204,000	11,000
Italian millet	22,770	1,000	1,000	1,000	227,700	10,000
Maize	1,000	150	150	100	10,000	1,000
Wheat	0,500	400	280	200	5,000	2,000
Rice (irrigated)	0,000	30	30	30	0,000	3,000
Rice (unirrigated)	0,000	10	10	10	0,000	1,000
Barley	7,500	500	500	500	75,000	5,000
Oats	0,320	50	50	50	3,200	500
Millet	3,200	100	100	100	32,000	1,000
Special crops	1,400	100	100	100	14,000	1,000
Buckwheat	0,100	50	50	50	1,000	500
Perilla seeds	0,100	30	30	30	1,000	300
Cotton	0,400	50	50	50	4,000	500
Tobacco	0,000	0	0	0	0,000	0,000
Hemp	0,400	20	20	20	4,000	200
Flax	0,000	10	10	10	0,000	100
Castor-oil seeds	0,000	0	0	0	0,000	0,000
Sesame seeds	0,000	0	0	0	0,000	0,000
Peanuts	0,000	0	0	0	0,000	0,000
Melon seeds	0,000	0	0	0	0,000	0,000
Others	0,000	0	0	0	0,000	0,000
Other crops	100,000	1,000	1,000	1,000	1,000,000	10,000
Fruits	1,000	100	100	100	10,000	1,000
Potatoes	1,000	100	100	100	10,000	1,000
Fresh vegetables	1,000	100	100	100	10,000	1,000
Ruusan	1,000	100	100	100	10,000	1,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Ferilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

228: Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Durbet

作物名稱	單位	總計			灌溉			非灌溉		
		面積	產量	百分比	面積	產量	百分比	面積	產量	百分比
合計	公頃	104,000	22,000,000	100	104,000	22,000,000	100	104,000	22,000,000	100
主要作物	公頃	71,300	19,300,000	85	71,300	19,300,000	85	71,300	19,300,000	85
大豆	公頃	11,700	10,500,000	307	11,700	10,500,000	307	11,700	10,500,000	307
綠豆	公頃	0,700	500,000	—	0,700	500,000	—	0,700	500,000	—
黃豆	公頃	1,800	1,510,000	—	1,800	1,510,000	—	1,800	1,510,000	—
其他豆類	公頃	0,700	640,000	—	0,700	640,000	—	0,700	640,000	—
高粱	公頃	21,400	17,700,000	1,100	21,400	17,700,000	1,100	21,400	17,700,000	1,100
玉米	公頃	23,720	10,850,000	700	23,720	10,850,000	700	23,720	10,850,000	700
小米	公頃	10,400	8,650,000	430	10,400	8,650,000	430	10,400	8,650,000	430
小麥	公頃	5,770	4,700,000	30	5,770	4,700,000	30	5,770	4,700,000	30
其他小麥類	公頃	—	—	—	—	—	—	—	—	—
燕麥	公頃	0,000	50,000	—	0,000	50,000	—	0,000	50,000	—
大麥	公頃	0,100	150,000	—	0,100	150,000	—	0,100	150,000	—
其他大麥類	公頃	0,800	7,400,000	230	0,800	7,400,000	230	0,800	7,400,000	230
水稻(灌溉)	公頃	1,800	1,300,000	—	1,800	1,300,000	—	1,800	1,300,000	—
水稻(非灌溉)	公頃	0,400	5,370,000	100	0,400	5,370,000	100	0,400	5,370,000	100
其他水稻類	公頃	—	—	—	—	—	—	—	—	—
特種作物	公頃	7,290	1,800,000	—	7,290	1,800,000	—	7,290	1,800,000	—
大麻	公頃	0,100	150,000	—	0,100	150,000	—	0,100	150,000	—
苧麻	公頃	0,800	400,000	—	0,800	400,000	—	0,800	400,000	—
其他麻類	公頃	0,250	200,000	—	0,250	200,000	—	0,250	200,000	—
棉花(進口)	公頃	0,100	—	—	0,100	—	—	0,100	—	—
棉花(本地)	公頃	0,000	—	—	0,000	—	—	0,000	—	—
其他棉花類	公頃	0,000	—	—	0,000	—	—	0,000	—	—
煙草(美國)	公頃	—	—	—	—	—	—	—	—	—
煙草(本地)	公頃	—	—	—	—	—	—	—	—	—
其他煙草類	公頃	—	—	—	—	—	—	—	—	—
亞麻	公頃	0,400	370,000	—	0,400	370,000	—	0,400	370,000	—
大麻	公頃	0,300	310,000	—	0,300	310,000	—	0,300	310,000	—
其他特種作物	公頃	—	—	—	—	—	—	—	—	—
其他作物	公頃	7,460	1,800,000	—	7,460	1,800,000	—	7,460	1,800,000	—
水果	公頃	—	—	—	—	—	—	—	—	—
新鮮蔬菜	公頃	—	—	—	—	—	—	—	—	—
其他	公頃	—	—	—	—	—	—	—	—	—
合計	公頃	104,000	22,000,000	100	104,000	22,000,000	100	104,000	22,000,000	100

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsings (for 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Runsan

Gorlos											
總產額(公担)及收穫面積(公頃)											
作物名稱	單位	1941		1940		1939		1938		1937	
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
合計	公頃	2,100.00	297,000	4,100	3,700	300	300,000				
特種作物	公頃	713	100,000	8,000	3,970	370	100,000	5,300	5,370	500,000	
大豆	公頃	10.80	15,112	887	640	47	14,000	800	800	14,000	
綠豆	公頃	1.84	2,070	74	59	15	2,000	704	800	2,000	
紅豆	公頃	3.58	4,030	304	170	100	4,000	744	700	4,000	
其他豆類	公頃	1.22	1,084	40	32	0	1,044	820	840	1,000	
高粱	公頃	18.54	20,884	712	712	0	20,772	1,307	1,340	20,700	
粟	公頃	25.00	35,233	880	901	82	34,800	1,100	1,000	41,100	
玉米	公頃	15.43	21,228	880	850	7	20,901	1,307	1,400	20,900	
小麥	公頃	3.80	5,230	84	82	0	5,130	700	800	4,100	
燕麥	公頃	0.00	4				4	2,401	2,401	10	
其他雜糧	公頃	0.31	421	10	7	3	411	1,100	1,100	407	
高粱	公頃	0.46	634	22	19	0	610	800	800	800	
粟	公頃	0.88	1,267	23	21	2	1,244	783	770	1,000	
水稻(灌溉)	公頃	5.84	8,170	240	227	22	7,821	1,023	1,117	8,000	
水稻(非灌溉)	公頃	2.01	3,700	82	80	20	2,874	900	891	2,400	
其他	公頃	1.83	2,025	111	70	41	2,410	881	723	1,700	
特種作物小計	公頃	713	100,000	8,000	3,970	370	100,000	5,300	5,370	500,000	
大麻(纖維)	公頃	0.12	170	24	12	12	140	401	400	80	
大麻(種子)	公頃	0.22	1,200	10	10		1,201	870	400	800	
其他	公頃	0.07	80	1	1		80	800	800	80	
棉花(美國種)	公頃	0.45	674	4	4		670	400	400	800	
棉花(本地種)	公頃	0.03	44	1	1		40	400	410	10	
煙草(美國種)	公頃	0.00	3				3	840	840	80	
煙草(本地種)	公頃	1.30	1,740	30	30		1,701	800	450	100	
其他	公頃										
其他作物小計	公頃	746	6,970	110	110		6,800				
其他作物	公頃	1.10	1,000	40	40		1,000	7,100	7,000	1,000	
其他	公頃	5.90	2,100	70	70		2,100				

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield of Crops and by Hakens. (For 1941)
Butaha

作物	計	1		2		3		4		5		6		7		8		9		10	
		計	計	計	計	計	計	計	計	計	計	計	計	計	計	計	計	計	計	計	計
計	12,000	4,000	8,000	1,000	7,000	1,000	6,000	1,000	5,000	1,000	4,000	1,000	3,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
大豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
綠豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
黃豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
高粱	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
小麥	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
水稻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
燕麥	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
粟	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
蕎麥	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942. ()

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seed
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

East Argun

作物別	1941年		1940年		1939年		1938年	
	面積(公頃)	收穫量(公担)	面積(公頃)	收穫量(公担)	面積(公頃)	收穫量(公担)	面積(公頃)	收穫量(公担)
全計	12,100.00	12,200						
小計	11,800	12,000						
大豆								
綠豆								
紅豆								
其他豆類								
玉米	41.97	6,163						
高粱								
小麥	3.70	480						
大麥	42.92	5,847						
燕麥								
其他穀類	0.20	25						
雜糧	2.51	312						
小計	729							
棉花(美國種)								
棉花(本地種)								
烟草(美國種)								
烟草(本地種)								
亞麻								
大麻								
苧麻								
其他纖維作物								
小計	796							
其他作物								
小計	100							

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

489 Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)
West Argun

STAT

作物	計	1		2		3		4		5		6		7		8		9		10	
		面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	1,281.00	1,281																			
大豆	1,100	1,100																			
綠豆	52.43	52.43																			
紅豆	3.41	3.41																			
其他豆類	35.63	35.63																			
水稻	7.74	7.74																			
其他作物	1.00	1.00																			
其他	0.00	0.00																			

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

STAT

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Russian

		1		2		3		4		5		6		7		8		9		10	
		41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Old Barga 新巴爾虎																					
總計		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
大豆	73																				
小豆																					
其他豆類																					
玉米		48.14	341							341	801	801	878								
高粱		3.25	34							34	837	837	878								
其他		48.14	341							341	800	830	878								
水稻																					
小計	729																				
大麻																					
苧麻																					
棉花																					
亞麻																					
煙草																					
大麻																					
其他																					
小計	744																				
水果		3.00	37							37	830	830	878								
其他		0.00	0							0	0	0	0								
總計	50																				

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
So-lin

Crop Name	Acreage (Hectares)		Yield (MT)	
	Total	Damaged	Total	Yield per Hectare
Principal crops sub-total	713	1,000	1,000	1,000
Soybeans	1,000	1,000	1,000	1,000
Red beans	1,000	1,000	1,000	1,000
Green beans	1,000	1,000	1,000	1,000
Other kinds of beans	1,000	1,000	1,000	1,000
Kaoliang	1,000	1,000	1,000	1,000
Italian millet	1,000	1,000	1,000	1,000
Maize	1,000	1,000	1,000	1,000
Wheat	1,000	1,000	1,000	1,000
Rice (irrigated)	1,000	1,000	1,000	1,000
Rice (unirrigated)	1,000	1,000	1,000	1,000
Barley	1,000	1,000	1,000	1,000
Oats	1,000	1,000	1,000	1,000
Millet	1,000	1,000	1,000	1,000
Sawa millet	1,000	1,000	1,000	1,000
Buckwheat	1,000	1,000	1,000	1,000
Special crops sub-total	29	1,000	1,000	1,000
Ramie for fiber	1,000	1,000	1,000	1,000
Ramie for seeds	1,000	1,000	1,000	1,000
Perilla seeds	1,000	1,000	1,000	1,000
Cotton, imported species	1,000	1,000	1,000	1,000
Cotton, native species	1,000	1,000	1,000	1,000
Tobacco, US species	1,000	1,000	1,000	1,000
Tobacco, native species	1,000	1,000	1,000	1,000
Abutilon hemp	1,000	1,000	1,000	1,000
Flax	1,000	1,000	1,000	1,000
Hemp	1,000	1,000	1,000	1,000
Castor-oil seeds	1,000	1,000	1,000	1,000
Sesame seeds	1,000	1,000	1,000	1,000
Peanuts	1,000	1,000	1,000	1,000
Sugar beets	1,000	1,000	1,000	1,000
Melon seeds	1,000	1,000	1,000	1,000
Others	1,000	1,000	1,000	1,000
Other crops sub-total	46	1,000	1,000	1,000
Fruits	1,000	1,000	1,000	1,000
Potatoes	1,000	1,000	1,000	1,000
Fresh vegetables	1,000	1,000	1,000	1,000
Ruusan	1,000	1,000	1,000	1,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the

Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seed
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crop
and by Hsiens (For 1941)

East New Barga

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal crops	713	713	713	713
Special crops	29	29	29	29
Other crops	742	742	742	742

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

236 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) West New Barga

作物	面積	3年加算面積		面積		面積		面積	
		1939	1940	1941	1941	1941	1941	1941	1941
合計	12,000.00								
小計	47.30								
大豆									
綠豆									
其他豆類									
玉米	4.23								
高粱	1.41								
水稻									
小計	42.25								
其他									
小計	7.29								
大麻									
苧麻									
其他									
小計	52.11								
其他									
小計	14.17								
其他	12.84								

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of
and by Hsiens (For 1941)
Man-chu-li City

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
大豆 (Soybeans)	120	120	100	100
綠豆 (Green beans)	10	10	1,000	1,000
紅豆 (Red beans)	10	10	747	747
高粱 (Kaoliang)	10	10	800	800
小麥 (Wheat)	10	10	100	100
水稻 (Rice)	10	10	100	100
其他 (Others)	10	10	100	100
合計 (Total)	150	150	1,747	1,747

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount
and by Helens (For 1941)
Hailar City

作物	1		2		3		4		5		6		7		8		9		10	
	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損	計	損
合計	1,100.00																			
大豆	713																			
綠豆																				
紅豆																				
綠豆																				
其他豆類																				
高粱																				
小麥																				
大麥																				
燕麥																				
粟																				
蕎麥																				
雜糧																				
其他																				
特殊作物	129																			
大麻																				
苧麻																				
苧麻子																				
紫蘇																				
棉花																				
煙草																				
亞麻																				
大麻子																				
芝麻																				
花生																				
甜菜																				
西瓜																				
其他																				
其他作物																				
水果																				
新鮮蔬菜																				
其他																				

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Rausan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Tait sihar C

Crop	1		2		3		4		5		6		7		8		9		10	
	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield	Area	Yield
Total	2180.00																			
Principal crops	1713.00																			
Soybeans	2.00	10																		
Red beans	0.40	2																		
Green beans	2.10	10																		
Other beans	0.87	4																		
Kaoliang	10.17	47																		
Italian millet	3.40	16	10																	
Maize	2.30	11																		
Wheat	0.40	2																		
Rice (irrigated)	0.20	1																		
Rice (unirrigated)	0.10	0.5																		
Barley																				
Oats																				
Millet																				
Sava millet																				
Buckwheat																				
Special crops																				
Ramie for fiber																				
Ramie for seeds																				
Perilla seeds																				
Cotton (imported)																				
Cotton (native)																				
Tobacco (US)																				
Tobacco (native)																				
Abutilon hemp																				
Hemp																				
Flax																				
Castor-oil seeds																				
Sesame seeds																				
Peanuts																				
Sugar beets																				
Melon seeds																				
Other crops																				
Fruits																				
Potatoes																				
Fresh vegetables																				
Rausan																				

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Russian

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Heilens (For 1941)

1-ain
齊北總地

作物	1		2		3		4		5		6		7		8	
	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量	面積	收穫量
合計	12,000,000	170,000	2,000	2,000	2,000	170,000	2,000	170,000	2,000	2,000	2,000	170,000	2,000	2,000	2,000	170,000
大豆	10,000	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
綠豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
紅豆	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他豆類	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
高粱	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
玉米	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
小麥	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
水稻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
燕麥	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
粟	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
蕎麥	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他作物	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
纖維用大麻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
種子用大麻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
苧麻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
棉花	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
煙草	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
亞麻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
大麻	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
果樹	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
蔬菜	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
合計	12,000,000	170,000	2,000	2,000	2,000	170,000	2,000	170,000	2,000	2,000	2,000	170,000	2,000	2,000	2,000	170,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
K'o-shan

Crop	1941		1940		1939		1938		1937	
	Acreage (ha)	Yield (kg)	Acreage (ha)	Yield (kg)	Acreage (ha)	Yield (kg)	Acreage (ha)	Yield (kg)	Acreage (ha)	Yield (kg)
豆類 (Beans)	107.40	160,239	1,740	1,740	1,740	1,740	1,740	1,740	1,740	1,740
大豆 (Soybeans)	22.84	49,140	301	301	301	301	301	301	301	301
綠豆 (Green beans)	0.99	1,124	-	-	-	-	-	-	-	-
紅豆 (Red beans)	0.17	395	-	-	-	-	-	-	-	-
其他豆類 (Other beans)	1.60	2,782	-	-	-	-	-	-	-	-
其他豆類 (Other beans)	3.81	8,408	228	228	228	228	228	228	228	228
高粱 (Kaoliang)	15.02	32,228	578	578	578	578	578	578	578	578
粟 (Millet)	8.38	20,201	72	72	72	72	72	72	72	72
小麥 (Wheat)	27.28	68,280	314	314	314	314	314	314	314	314
燕麥 (Oats)	0.29	401	-	-	-	-	-	-	-	-
意大利粟 (Italian millet)	1.81	3,259	49	49	49	49	49	49	49	49
大麥 (Maize)	0.88	1,388	93	93	93	93	93	93	93	93
水稻 (Rice)	1.74	3,734	93	93	93	93	93	93	93	93
水稻 (Rice)	2.10	4,854	23	23	23	23	23	23	23	23
水稻 (Rice)	0.79	1,675	-	-	-	-	-	-	-	-
其他作物 (Special crops)	7.10	18,480	490	490	490	490	490	490	490	490
大麻 (Hemp)	0.05	59	-	-	-	-	-	-	-	-
苧麻 (Ramie)	1.00	2,181	30	30	30	30	30	30	30	30
苧麻 (Ramie)	3.95	7,810	300	300	300	300	300	300	300	300
紫蘇 (Perilla)	0.00	179	-	-	-	-	-	-	-	-
棉花 (Cotton)	0.10	870	-	-	-	-	-	-	-	-
烟草 (Tobacco)	1.14	4,814	89	89	89	89	89	89	89	89
亞麻 (Abutilon hemp)	0.00	-	-	-	-	-	-	-	-	-
大麻 (Hemp)	0.00	-	-	-	-	-	-	-	-	-
其他 (Others)	0.00	-	-	-	-	-	-	-	-	-
其他作物 (Special crops)	44.00	11,400	-	-	-	-	-	-	-	-
其他 (Others)	0.00	0,010	-	-	-	-	-	-	-	-
其他 (Others)	0.00	0,471	-	-	-	-	-	-	-	-
其他 (Others)	0.00	0,000	-	-	-	-	-	-	-	-

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941)
Fu-yu

Crop	Acreage (hectares)		Yield (kg)		Total Yield (MT)	
	1	2	3	4	5	6
合計	12,103.00	11,000.00	4,450,000	1,750,000	6,200,000	6,200,000
大豆	10.23	4,934	4,934	888	888	4,934
綠豆	0.82	444	444	780	780	444
其他豆	1.87	807	807	780	780	807
高粱	0.78	382	382	872	872	382
燕麥	18.60	8,010	8,010	982	982	7,228
小麥	20.25	9,773	9,773	1,064	1,064	10,237
玉米	18.07	8,720	8,720	1,194	1,194	10,234
其他	8.74	4,700	4,700	812	812	3,888
水稻	0.58	246	246	832	832	246
其他	1.32	637	637	780	780	637
其他	7.20	3,474	3,474	732	732	2,742
其他	0.31	148	148	771	771	148
其他	3.38	1,617	1,617	840	840	877
其他	0.18	90	90	348	348	90
其他	0.41	200	200	848	848	200
其他	1.18	574	574	888	888	574
其他	0.13	63	63	381	381	63
其他	0.13	63	63	381	381	63
其他	0.13	63	63	371	371	63
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72
其他	0.15	72	72	408	408	72

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
K'io-tung

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Damaged	Total	Damaged
全部作物	12,100.00	74,000	14,000	
大豆	2,802	19,412	18,412	1,100
綠豆	0.38	281	281	281
紅豆	0.78	582	582	1,020
黃豆	5.00	3,730	3,730	1,442
綠豆	18.41	14,467	14,467	1,116
紅豆	10.87	8,187	8,187	1,358
黃豆	23.84	17,830	17,830	832
高粱	2.98	2,225	2,225	1,000
水稻	1.80	1,410	1,410	828
小麥	1.17	874	874	884
燕麥	1.08	788	788	878
粟	0.34	281	281	817
其他作物	1.84	1,408	1,408	
其他	0.08	70	70	387
其他	0.78	584	584	684
其他	0.43	328	328	700
其他	0.17	122	122	484
其他	0.47	350	350	1,400
其他	1.00	1,000	1,000	
其他	1.10	1,100	1,100	

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Pal-ch'i

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal crops	282,822	4,837	4,000,000	1,100,000
Soybeans	21,000	84,100	110,000	84,100
Red beans	0,000	2,000	2,000	2,000
Green beans	0,000	1,100	1,100	1,100
Other kinds of beans	0,000	2,000	2,000	2,000
Kaoliang	0,000	24,000	400,000	24,000
Italian millet	16,100	54,000	3,000,000	1,000,000
Maize	2,000	20,000	100,000	20,000
Wheat	0,100	0,100	0,100	0,100
Rice (irrigated)	2,000	7,200	7,200	7,200
Rice (unirrigated)	0,000	2,400	2,400	2,400
Barley	0,000	2,000	2,000	2,000
Oats	1,000	3,700	3,700	3,700
Millet	1,000	4,000	4,000	4,000
Sawa millet	0,000	0,000	0,000	0,000
Buckwheat	0,000	0,000	0,000	0,000
Special crops	10,000	0,000	0,000	0,000
Ramie for fiber	0,000	1,000	1,000	1,000
Ramie for seeds	1,000	4,000	4,000	4,000
Perilla seeds	1,000	3,000	3,000	3,000
Cotton	0,000	0,000	0,000	0,000
Tobacco	0,000	0,000	0,000	0,000
Abutilon hemp	0,000	0,000	0,000	0,000
Hemp	0,000	2,000	2,000	2,000
Castor-oil seeds	0,000	0,000	0,000	0,000
Sesame seeds	0,000	0,000	0,000	0,000
Peanuts	0,000	0,000	0,000	0,000
Sugar beets	0,000	0,000	0,000	0,000
Melon seeds	0,000	0,000	0,000	0,000
Others	0,000	0,000	0,000	0,000
Other crops	0,000	0,000	0,000	0,000
Fruits	0,000	0,000	0,000	0,000
Potatoes	0,000	0,000	0,000	0,000
Fresh vegetables	0,000	0,000	0,000	0,000
Ruusan	0,000	0,000	0,000	0,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops
and by Hsiens (For 1941) Tche Mingan.

Crop	Acreage (Hectares)		Yield (MT)	
	Actual	Percentage	Actual	Percentage
Total	12,100	100	1,000	100
Principal crops	7,130	58.9	600	60
Special crops	1,290	10.7	100	10
Other crops	3,680	30.4	300	30
Damaged acreage	5,000	41.3	400	40
By drought	1,000	8.3	100	10
By floods	3,000	25.0	200	20
By others	1,000	8.3	100	10

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941) Nen-chiang

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

總計		全區		第一區		第二區		第三區		第四區		第五區	
面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量
713	88,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
大豆	14,100	5,400	260	200	1,100	600	600	4,000	600	600	600	4,000	600
綠豆	0.00	100											
黃豆	0.00	300											
其他豆類	0.00	300	10	10	300	600	600	1,000	1,000	1,000	1,000	1,000	1,000
高粱	10,000	6,400	600	600	6,000	300	300	3,000	300	300	300	3,000	300
小麥	7.00	3,000	214	214	2,700	1,100	1,200	2,000	1,100	1,200	2,000	1,100	1,200
水稻	20.00	11,500	100	100	11,000	100	100	11,000	100	100	100	11,000	100
其他穀類	1.00	400	61	61	300	700	600	300	700	600	300	700	600
粟	7.00	2,700	60	60	2,400	600	600	2,400	600	600	2,400	600	600
蕎麥	0.00	2,000	100	100	2,000	500	500	2,000	500	500	2,000	500	500
其他	0.00	100			100	500	500	100	500	500	100	500	500
特殊作物	0.00	2,500	27	27	2,500	710	710	2,500	710	710	2,500	710	710
棉花	0.00	100			100	500	500	100	500	500	100	500	500
棉子	0.00	200			200	600	600	200	600	600	200	600	600
煙草	0.10	30			30	600	600	30	600	600	30	600	600
亞麻	0.00	100			100	500	500	100	500	500	100	500	500
大麻	0.00	100			100	500	500	100	500	500	100	500	500
芝麻	0.00	100			100	500	500	100	500	500	100	500	500
花生	0.00	100			100	500	500	100	500	500	100	500	500
其他	0.00	100			100	500	500	100	500	500	100	500	500
其他作物	746	1,000			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他	70	1,000			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crops and by Haiens (For 1941)

No-ho

總產量

作物種類	總產量		總產量		總產量		總產量	
	面積	產量	面積	產量	面積	產量	面積	產量
合計	10,000	100,000	10,000	100,000	10,000	100,000	10,000	100,000
大豆	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
綠豆	500	5,000	500	5,000	500	5,000	500	5,000
黃豆	500	5,000	500	5,000	500	5,000	500	5,000
高粱	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
燕麥	500	5,000	500	5,000	500	5,000	500	5,000
小麥	500	5,000	500	5,000	500	5,000	500	5,000
水稻	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
其他	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway. November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Area
and by Hsiens (For 1941)

Kan-nan

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Hausan

Crop	Acreage (hectares)		Yield (MT)		Percentage (%)	
	Total	Harvested	Total	Harvested	Total	Harvested
1. Total	100,000	40,000	1,000,000	400,000	100	40
2. Principal crops, sub-total	80,000	30,000	800,000	300,000	80	30
3. Soybeans	10,000	4,000	100,000	40,000	10	4
4. Red beans	5,000	2,000	50,000	20,000	5	2
5. Green beans	3,000	1,000	30,000	10,000	3	1
6. Other kinds of beans	2,000	800	20,000	8,000	2	0.8
7. Kaoliang	15,000	6,000	150,000	60,000	15	6
8. Italian millet	10,000	4,000	100,000	40,000	10	4
9. Maize	8,000	3,000	80,000	30,000	8	3
10. Wheat	7,000	2,500	70,000	25,000	7	2.5
11. Rice (irrigated)	12,000	5,000	120,000	50,000	12	5
12. Rice (unirrigated)	10,000	4,000	100,000	40,000	10	4
13. Barley	2,000	800	20,000	8,000	2	0.8
14. Oats	1,000	400	10,000	4,000	1	0.4
15. Millet	3,000	1,000	30,000	10,000	3	1
16. Sawa millet	2,000	800	20,000	8,000	2	0.8
17. Buckwheat	1,000	400	10,000	4,000	1	0.4
18. Special crops, sub-total	10,000	4,000	100,000	40,000	10	4
19. Ramie for fiber	5,000	2,000	50,000	20,000	5	2
20. Ramie for seeds	3,000	1,000	30,000	10,000	3	1
21. Perilla seeds	2,000	800	20,000	8,000	2	0.8
22. Cotton, imported species	1,000	400	10,000	4,000	1	0.4
23. Cotton, native species	1,000	400	10,000	4,000	1	0.4
24. Tobacco, US species	1,000	400	10,000	4,000	1	0.4
25. Tobacco, native species	1,000	400	10,000	4,000	1	0.4
26. Abutilon hemp	1,000	400	10,000	4,000	1	0.4
27. Flax	1,000	400	10,000	4,000	1	0.4
28. Hemp	1,000	400	10,000	4,000	1	0.4
29. Castor-oil seeds	1,000	400	10,000	4,000	1	0.4
30. Sesame seeds	1,000	400	10,000	4,000	1	0.4
31. Peanuts	1,000	400	10,000	4,000	1	0.4
32. Sugar beets	1,000	400	10,000	4,000	1	0.4
33. Melon seeds	1,000	400	10,000	4,000	1	0.4
34. Others	1,000	400	10,000	4,000	1	0.4
35. Other crops, sub-total	10,000	4,000	100,000	40,000	10	4
36. Fruits	5,000	2,000	50,000	20,000	5	2
37. Potatoes	3,000	1,000	30,000	10,000	3	1
38. Fresh vegetables	2,000	800	20,000	8,000	2	0.8
39. Hausan	1,000	400	10,000	4,000	1	0.4

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Runsen

Average Under Crops and Amount of Yield by Area and by Heiars (For 1941)

Crop Data
作物数据

Crop	Area (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
1. Total	10,000	8,000	1,000	1,000	100	125
2. Principal crops, sub-total	7,130	6,000	713	600	100	125
3. Soybeans	1,000	800	100	80	100	125
4. Red beans	1,000	800	100	80	100	125
5. Green beans	1,000	800	100	80	100	125
6. Other kinds of beans	1,000	800	100	80	100	125
7. Kaoliang	1,000	800	100	80	100	125
8. Italian millet	1,000	800	100	80	100	125
9. Maize	1,000	800	100	80	100	125
10. Wheat	1,000	800	100	80	100	125
11. Rice (irrigated)	1,000	800	100	80	100	125
12. Rice (unirrigated)	1,000	800	100	80	100	125
13. Barley	1,000	800	100	80	100	125
14. Oats	1,000	800	100	80	100	125
15. Millet	1,000	800	100	80	100	125
16. Sawa millet	1,000	800	100	80	100	125
17. Buckwheat	1,000	800	100	80	100	125
18. Special crops, sub-total	2,870	2,000	287	200	100	125
19. Ramie for fiber	1,000	800	100	80	100	125
20. Ramie for seeds	1,000	800	100	80	100	125
21. Perilla seeds	1,000	800	100	80	100	125
22. Cotton, imported species	1,000	800	100	80	100	125
23. Cotton, native species	1,000	800	100	80	100	125
24. Tobacco, US species	1,000	800	100	80	100	125
25. Tobacco, native species	1,000	800	100	80	100	125
26. Abutilon hemp	1,000	800	100	80	100	125
27. Flax	1,000	800	100	80	100	125
28. Hemp	1,000	800	100	80	100	125
29. Castor-oil seeds	1,000	800	100	80	100	125
30. Sesame seeds	1,000	800	100	80	100	125
31. Peanuts	1,000	800	100	80	100	125
32. Sugar beets	1,000	800	100	80	100	125
33. Melon seeds	1,000	800	100	80	100	125
34. Others	1,000	800	100	80	100	125
35. Other crops, sub-total	2,870	2,000	287	200	100	125
36. Fruits	1,000	800	100	80	100	125
37. Potatoes	1,000	800	100	80	100	125
38. Fresh vegetables	1,000	800	100	80	100	125
39. Runsen	1,000	800	100	80	100	125

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreeage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Bayan

- 1. Percentage of various crops
- 2. Acreeage under crops (hectares)
- 3. Damaged acreeage with no yield
- 4. Total damaged acreeage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreeage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang
- 19. Italian millet
- 20. Maize
- 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley
- 25. Oats
- 26. Millet
- 27. Sawa millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp
- 38. Flax
- 39. Hemp
- 40. Castor-oil seeds
- 41. Sesame seeds
- 42. Peanuts
- 43. Sugar beets
- 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Crop Name	Acreeage (hectares)		Yield (MT)	
	Total	Damaged	Total	Yield per hectare (kg)
Total	713			
Principal crops, sub-total				
Soybeans				
Red beans				
Green beans				
Other kinds of beans				
Kaoliang				
Italian millet				
Maize				
Wheat				
Rice (irrigated)				
Rice (unirrigated)				
Barley				
Oats				
Millet				
Sawa millet				
Buckwheat				
Special crops, sub-total				
Ramie for fiber				
Ramie for seeds				
Perilla seeds				
Cotton, imported species				
Cotton, native species				
Tobacco, US species				
Tobacco, native species				
Abutilon hemp				
Flax				
Hemp				
Castor-oil seeds				
Sesame seeds				
Peanuts				
Sugar beets				
Melon seeds				
Other crops, sub-total				
Fruits				
Potatoes				
Fresh vegetables				
Ruusan				

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oilseeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Malon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Rumsan

Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

Kron: 幣

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Actual	Percentage	Actual	Percentage	Actual	Percentage
Total	72,000	100.0	1,000,000	100.0	13.89	100.0
Principal crops	65,000	90.3	850,000	85.0	13.08	93.8
Soybeans	15,000	20.8	1,500,000	15.0	100.0	72.1
Red beans	5,000	6.9	500,000	5.0	100.0	20.0
Green beans	3,000	4.2	300,000	3.0	100.0	33.3
Other kinds of beans	2,000	2.8	200,000	2.0	100.0	50.0
Kaoliang	10,000	13.9	1,000,000	10.0	100.0	100.0
Italian millet	5,000	6.9	500,000	5.0	100.0	20.0
Maize	3,000	4.2	300,000	3.0	100.0	33.3
Wheat	2,000	2.8	200,000	2.0	100.0	50.0
Rice (irrigated)	1,000	1.4	100,000	1.0	100.0	100.0
Rice (unirrigated)	1,000	1.4	100,000	1.0	100.0	100.0
Barley	1,000	1.4	100,000	1.0	100.0	100.0
Oats	1,000	1.4	100,000	1.0	100.0	100.0
Millet	1,000	1.4	100,000	1.0	100.0	100.0
Sava millet	1,000	1.4	100,000	1.0	100.0	100.0
Buckwheat	1,000	1.4	100,000	1.0	100.0	100.0
Special crops	7,000	9.7	150,000	1.5	2.15	2.2
Ramie for fiber	3,000	4.2	300,000	3.0	100.0	33.3
Ramie for seeds	2,000	2.8	200,000	2.0	100.0	50.0
Perilla seeds	1,000	1.4	100,000	1.0	100.0	100.0
Cotton, imported species	1,000	1.4	100,000	1.0	100.0	100.0
Cotton, native species	1,000	1.4	100,000	1.0	100.0	100.0
Tobacco, US species	1,000	1.4	100,000	1.0	100.0	100.0
Tobacco, native species	1,000	1.4	100,000	1.0	100.0	100.0
Abutilon hemp	1,000	1.4	100,000	1.0	100.0	100.0
Flax	1,000	1.4	100,000	1.0	100.0	100.0
Hemp	1,000	1.4	100,000	1.0	100.0	100.0
Castor-oilseeds	1,000	1.4	100,000	1.0	100.0	100.0
Sesame seeds	1,000	1.4	100,000	1.0	100.0	100.0
Peanuts	1,000	1.4	100,000	1.0	100.0	100.0
Sugar beets	1,000	1.4	100,000	1.0	100.0	100.0
Malon seeds	1,000	1.4	100,000	1.0	100.0	100.0
Others	1,000	1.4	100,000	1.0	100.0	100.0
Other crops	1,000	1.4	100,000	1.0	100.0	100.0
Fruits	1,000	1.4	100,000	1.0	100.0	100.0
Potatoes	1,000	1.4	100,000	1.0	100.0	100.0
Fresh vegetables	1,000	1.4	100,000	1.0	100.0	100.0
Rumsan	1,000	1.4	100,000	1.0	100.0	100.0

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kholiang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

Ning-an

Crop	Acreage (hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
Principal crops, sub-total	1,000,000	1,000,000	1,000,000	1,000,000
Soybeans	100,000	100,000	100,000	100,000
Red beans	100,000	100,000	100,000	100,000
Green beans	100,000	100,000	100,000	100,000
Other kinds of beans	100,000	100,000	100,000	100,000
Rice (irrigated)	100,000	100,000	100,000	100,000
Rice (unirrigated)	100,000	100,000	100,000	100,000
Barley	100,000	100,000	100,000	100,000
Oats	100,000	100,000	100,000	100,000
Millet	100,000	100,000	100,000	100,000
Sawa millet	100,000	100,000	100,000	100,000
Buckwheat	100,000	100,000	100,000	100,000
Special crops, sub-total	100,000	100,000	100,000	100,000
Ramie for fiber	100,000	100,000	100,000	100,000
Ramie for seeds	100,000	100,000	100,000	100,000
Perilla seeds	100,000	100,000	100,000	100,000
Cotton, imported species	100,000	100,000	100,000	100,000
Cotton, native species	100,000	100,000	100,000	100,000
Tobacco, US species	100,000	100,000	100,000	100,000
Tobacco, native species	100,000	100,000	100,000	100,000
Abutilon hemp	100,000	100,000	100,000	100,000
Flax	100,000	100,000	100,000	100,000
Hemp	100,000	100,000	100,000	100,000
Castor-oil seeds	100,000	100,000	100,000	100,000
Sesame seeds	100,000	100,000	100,000	100,000
Peanuts	100,000	100,000	100,000	100,000
Sugar beets	100,000	100,000	100,000	100,000
Melon seeds	100,000	100,000	100,000	100,000
Others	100,000	100,000	100,000	100,000
Other crops, sub-total	100,000	100,000	100,000	100,000
Fruits	100,000	100,000	100,000	100,000
Potatoes	100,000	100,000	100,000	100,000
Fresh vegetables	100,000	100,000	100,000	100,000
Ruusan	100,000	100,000	100,000	100,000

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millets
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sown millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Russian

Lin-k'ou

Crop Name	Acreage (hectares)		Yield (kg)		Total Yield (MT)	
	Actual	Damaged	Per Hectare	Total	Actual	Damaged
Total	18,100	1,070				
Principal crops, sub-total	11,000	1,000				
Soybeans	36,000	2,400	300	10,800	10,800	2,400
Red beans	1,000	170	20	2,000	2,000	340
Green beans	4,000	30	1	4,000	4,000	357
Other kinds of beans	4,100	540	100	4,100	4,100	1,101
Kaoliang	14,700	1,040	270	39,870	39,870	1,071
Italian millets	24,000	2,100	200	48,000	48,000	1,200
Maize	4,000	557	43	17,200	17,200	704
Wheat	4,000	557	120	4,800	4,800	1,200
Rice (irrigated)	0.00	0.00	0.00	0.00	0.00	0.00
Rice (unirrigated)	0.00	0.00	0.00	0.00	0.00	0.00
Barley	0.00	0.00	0.00	0.00	0.00	0.00
Oats	0.00	0.00	0.00	0.00	0.00	0.00
Millet	0.00	0.00	0.00	0.00	0.00	0.00
Sown millet	0.00	0.00	0.00	0.00	0.00	0.00
Buckwheat	0.00	0.00	0.00	0.00	0.00	0.00
Special crops, sub-total	0.00	0.00	0.00	0.00	0.00	0.00
Ramie for fiber	0.00	0.00	0.00	0.00	0.00	0.00
Ramie for seeds	0.00	0.00	0.00	0.00	0.00	0.00
Perilla seeds	0.00	0.00	0.00	0.00	0.00	0.00
Cotton, imported species	0.00	0.00	0.00	0.00	0.00	0.00
Cotton, native species	0.00	0.00	0.00	0.00	0.00	0.00
Tobacco, US species	0.00	0.00	0.00	0.00	0.00	0.00
Tobacco, native species	0.00	0.00	0.00	0.00	0.00	0.00
Abutilon hemp	0.00	0.00	0.00	0.00	0.00	0.00
Flax	0.00	0.00	0.00	0.00	0.00	0.00
Hemp	0.00	0.00	0.00	0.00	0.00	0.00
Castor-oil seeds	0.00	0.00	0.00	0.00	0.00	0.00
Sesame seeds	0.00	0.00	0.00	0.00	0.00	0.00
Peanuts	0.00	0.00	0.00	0.00	0.00	0.00
Sugar beets	0.00	0.00	0.00	0.00	0.00	0.00
Melon seeds	0.00	0.00	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00	0.00	0.00
Other crops, sub-total	0.00	0.00	0.00	0.00	0.00	0.00
Fruits	0.00	0.00	0.00	0.00	0.00	0.00
Potatoes	0.00	0.00	0.00	0.00	0.00	0.00
Fresh vegetables	0.00	0.00	0.00	0.00	0.00	0.00
Russian	0.00	0.00	0.00	0.00	0.00	0.00

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sewa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusen

Crop	Acreage (hectares)		Yield (MT)		Yield per hectare (kg)
	Total	Damaged	Total	Damaged	
Principal crops	14,500	1,000	1,000	1,000	100
Soybeans	10,000	500	500	500	50
Red beans	2,000	100	100	100	50
Green beans	1,000	50	50	50	50
Other kinds of beans	1,500	100	100	100	66.7
Kaoliang	1,000	50	50	50	50
Italian millet	1,000	50	50	50	50
Maize	1,000	50	50	50	50
Wheat	1,000	50	50	50	50
Rice (irrigated)	1,000	50	50	50	50
Rice (unirrigated)	1,000	50	50	50	50
Barley	1,000	50	50	50	50
Oats	1,000	50	50	50	50
Millet	1,000	50	50	50	50
Sewa millet	1,000	50	50	50	50
Buckwheat	1,000	50	50	50	50
Special crops	1,000	50	50	50	50
Ramie for fiber	1,000	50	50	50	50
Ramie for seeds	1,000	50	50	50	50
Perilla seeds	1,000	50	50	50	50
Cotton, imported species	1,000	50	50	50	50
Cotton, native species	1,000	50	50	50	50
Tobacco, US species	1,000	50	50	50	50
Tobacco, native species	1,000	50	50	50	50
Abutilon hemp	1,000	50	50	50	50
Flax	1,000	50	50	50	50
Hemp	1,000	50	50	50	50
Castor-oil seeds	1,000	50	50	50	50
Sesame seeds	1,000	50	50	50	50
Peanuts	1,000	50	50	50	50
Sugar beets	1,000	50	50	50	50
Melon seeds	1,000	50	50	50	50
Others	1,000	50	50	50	50
Other crops	1,000	50	50	50	50
Fruits	1,000	50	50	50	50
Potatoes	1,000	50	50	50	50
Fresh vegetables	1,000	50	50	50	50
Ruusen	1,000	50	50	50	50

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsiang (For 1941)

I-lan

Crop	Acreage (Hectares)		Yield (MT)	
	Total	Harvested	Total	Harvested
豆類 (Beans)	100,000	100,000	7,000	7,000
大豆 (Soybeans)	98,000	98,000	7,000	7,000
綠豆 (Green beans)	2,000	2,000	0	0
紅豆 (Red beans)	0	0	0	0
其他豆類 (Other beans)	0	0	0	0
雜糧 (Grains)	100,000	100,000	10,000	10,000
水稻 (Rice)	80,000	80,000	10,000	10,000
高粱 (Kaoliang)	10,000	10,000	1,000	1,000
粟 (Italian millet)	5,000	5,000	500	500
玉米 (Maize)	5,000	5,000	500	500
小麥 (Wheat)	5,000	5,000	500	500
燕麥 (Oats)	0	0	0	0
燕麥 (Millet)	0	0	0	0
燕麥 (Sawa millet)	0	0	0	0
燕麥 (Buckwheat)	0	0	0	0
其他作物 (Special Crops)	100,000	100,000	10,000	10,000
纖維用 (Ramie for fiber)	5,000	5,000	500	500
種子用 (Ramie for seeds)	5,000	5,000	500	500
其他 (Others)	90,000	90,000	9,000	9,000

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Acreage Harvested
by Crops and by Hsien (For
Hua-ch'uan)

Crop	1942		1941		1940		1939		1938		1937	
	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)
Principal crops	10,000	100,000	9,500	95,000	9,000	90,000	8,500	85,000	8,000	80,000	7,500	75,000
Sub-total	10,000	100,000	9,500	95,000	9,000	90,000	8,500	85,000	8,000	80,000	7,500	75,000
Soybeans	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
Red beans	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Green beans	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Other kinds of beans	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Kaoliang	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
Italian millet	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Maize	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Wheat	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Rice (irrigated)	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
Rice (unirrigated)	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Barley	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Oats	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Millet	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Sawa millet	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Buckwheat	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Special crops	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
Ramie for fiber	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Ramie for seeds	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Perilla seeds	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Cotton, imported species	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Cotton, native species	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Tobacco, US species	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Tobacco, native species	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Abutilon hemp	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Flax	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Hemp	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Castor-oil seeds	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Sesame seeds	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Peanuts	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Sugar beets	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Melon seeds	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Others	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Other crops, sub-total	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000	1,000	10,000
Fruits	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Potatoes	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Fresh vegetables	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000
Ruusan	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000	500	5,000

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount of Yield by Crop and by Hsiens (For 1941)

Hao-li

Crop	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
	Total	Harvested	Total	Harvested	Total	Harvested
Principal Crops	21,300	19,000	1,200,000	1,100,000	56.3	57.9
Soybeans	12,000	11,000	1,200,000	1,100,000	100.0	99.0
Red beans	1,000	900	100,000	90,000	100.0	99.0
Green beans	1,000	900	100,000	90,000	100.0	99.0
Other beans	1,000	900	100,000	90,000	100.0	99.0
Kaoliang	1,000	900	100,000	90,000	100.0	99.0
Italian millet	1,000	900	100,000	90,000	100.0	99.0
Maize	1,000	900	100,000	90,000	100.0	99.0
Wheat	1,000	900	100,000	90,000	100.0	99.0
Rice (irrigated)	1,000	900	100,000	90,000	100.0	99.0
Rice (unirrigated)	1,000	900	100,000	90,000	100.0	99.0
Barley	1,000	900	100,000	90,000	100.0	99.0
Oats	1,000	900	100,000	90,000	100.0	99.0
Millet	1,000	900	100,000	90,000	100.0	99.0
Sawa millet	1,000	900	100,000	90,000	100.0	99.0
Buckwheat	1,000	900	100,000	90,000	100.0	99.0
Special Crops	200	150	20,000	15,000	100.0	100.0
Ramie for fiber	100	80	10,000	8,000	100.0	100.0
Ramie for seeds	100	70	10,000	7,000	100.0	100.0
Perilla seeds	100	70	10,000	7,000	100.0	100.0
Cotton (imported)	100	70	10,000	7,000	100.0	100.0
Cotton (native)	100	70	10,000	7,000	100.0	100.0
Tobacco (US)	100	70	10,000	7,000	100.0	100.0
Tobacco (native)	100	70	10,000	7,000	100.0	100.0
Abutilon hemp	100	70	10,000	7,000	100.0	100.0
Flax	100	70	10,000	7,000	100.0	100.0
Hemp	100	70	10,000	7,000	100.0	100.0
Castor-oil seeds	100	70	10,000	7,000	100.0	100.0
Sesame seeds	100	70	10,000	7,000	100.0	100.0
Peanuts	100	70	10,000	7,000	100.0	100.0
Sugar beets	100	70	10,000	7,000	100.0	100.0
Melon seeds	100	70	10,000	7,000	100.0	100.0
Others	100	70	10,000	7,000	100.0	100.0
Other Crops	100	80	10,000	8,000	100.0	100.0
Fruits	100	80	10,000	8,000	100.0	100.0
Potatoes	100	80	10,000	8,000	100.0	100.0
Fresh vegetables	100	80	10,000	8,000	100.0	100.0
Ruusan	100	80	10,000	8,000	100.0	100.0

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Acreage Under Crops and Amount
and by Hsiens (For 1941)
Mu-tan-chiang

Crop	Acreage (Hectares)		Amount (MT)	
	Total	Harvested	Total	Harvested
Principal crops	73			
Special crops	729			
Other crops	96			
Total	878			

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

RESTRICTED

Acreage Under Crops and Amount of Yield by Crops and by Hsien (For 1941)

Chia-mo Hsien

錦州縣

Crop No.	Crop Name	Acreage (Hectares)		Yield (MT)		Yield per Hectare (kg)	
		Total	Damaged	Total	Damaged	Total	Damaged
1	Percentage of various crops						
2	Acreage under crops (hectares)	1,400	400	1,000	600	714	1,500
3	Damaged acreage with no yield						
4	Total damaged acreage (hectares)		400				
5	By drought (hectares)						
6	By floods (hectares)						
7	By others (hectares)						
8	Acreage harvested (hectares)	1,000		1,000		1,000	
9	Yield per hectare (kg)					714	1,500
10	Total yield (MT)			1,000		714	1,500
11	Kinds of crops						
12	Total						
13	Principal crops, sub-total						
14	Soybeans	1,000	400	700	300	700	1,000
15	Red beans	100	20	80	20	800	1,000
16	Green beans	100	20	80	20	800	1,000
17	Other kinds of beans	100	20	80	20	800	1,000
18	Kaoliang	100	20	80	20	800	1,000
19	Italian millet	100	20	80	20	800	1,000
20	Maize	100	20	80	20	800	1,000
21	Wheat	100	20	80	20	800	1,000
22	Rice (irrigated)	100	20	80	20	800	1,000
23	Rice (unirrigated)	100	20	80	20	800	1,000
24	Barley	100	20	80	20	800	1,000
25	Oats	100	20	80	20	800	1,000
26	Millet	100	20	80	20	800	1,000
27	Sava millet	100	20	80	20	800	1,000
28	Buckwheat	100	20	80	20	800	1,000
29	Special crops, sub-total						
30	Ramie for fiber						
31	Ramie for seeds						
32	Perilla seeds						
33	Cotton, imported species						
34	Cotton, native species						
35	Tobacco, US species						
36	Tobacco, native species						
37	Abutilon hemp						
38	Flax						
39	Hemp						
40	Castor-oil seeds						
41	Sesame seeds						
42	Peanuts						
43	Sugar beets						
44	Melon seeds						
45	Others						
46	Other crops, sub-total						
47	Fruits						
48	Potatoes						
49	Fresh vegetables						
50	Ruusan						

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

RESTRICTED

STAT

STAT

RESTRICTED
 Acreage Under Crops and Amount of Yield by Crops
 and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
- 22 Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

250 Hu-lia
 虎林縣地方
 產作物表

作物	單位	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931		1930		1929		1928		
		面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	面積	產量	
全部	公頃	2,100.0	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
主要作物	公頃	1,817.3	800	1,100	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
大豆	公頃	18.1	1,010	910	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
綠豆	公頃	2.10	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
其他豆	公頃	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
高粱	公頃	3.01	200	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
玉米	公頃	12.00	910	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
小麥	公頃	29.04	1,374	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997	997
燕麥	公頃	4.70	320	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
其他小麥	公頃	3.50	247	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
水稻	公頃	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
大麥	公頃	1.01	125	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
燕麥	公頃	1.70	110	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
其他	公頃	2.02	120	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
雜糧	公頃	1.34	91	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
特殊作物	公頃	0.48	31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
大麻	公頃	0.78	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
子	公頃	0.31	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.10	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
其他	公頃	0.02	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
其他	公頃	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

RESTRICTED

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits
- 48. Potatoes
- 49. Fresh vegetables
- 50. Ruusan

Acreage Under Crops and Amount of Yield by District and by Seasons (For 1941)

Mi-shan

Crop	1941			1940			1939			1938		
	Acreage	Yield	Yield per Hectare	Acreage	Yield	Yield per Hectare	Acreage	Yield	Yield per Hectare	Acreage	Yield	Yield per Hectare
大豆 (Soybeans)	26,814	1,360	50.7	26,814	1,360	50.7	26,814	1,360	50.7	26,814	1,360	50.7
赤豆 (Red beans)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
綠豆 (Green beans)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
高粱 (Kaoliang)	1,111	107	96.3	1,111	107	96.3	1,111	107	96.3	1,111	107	96.3
意大利米 (Italian millet)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
玉米 (Maize)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
小麦 (Wheat)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
水稻 (Rice)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
其他 (Others)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
总计 (Total)	72,900	3,000	41.2	72,900	3,000	41.2	72,900	3,000	41.2	72,900	3,000	41.2

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
 Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang 19. Italian millet
20. Maize 21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley 25. Oats
26. Millet 27. Sava millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp 38. Flax
39. Hemp 40. Castor-oil seeds
41. Sesame seeds 42. Peanuts
43. Sugar beets 44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits 48. Potatoes
49. Fresh vegetables
50. Ruusan

#53 Acreage Under Crops and Amount and by Seasons (For 1941) Pao-shing

Crop Name	1941		1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)	Area (ha)	Yield (kg)
Small Cereals	28.44	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500	28.50	22,500
Large Cereals	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700	28.44	7,700
Special Crops	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254	0.09	254
Other Crops	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24	0.09	24
Total	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778	57.06	30,778

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Acres Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)

1. Percentage of various crops
2. Acreage under crops (hectares)
3. Damaged acreage with no yield
4. Total damaged acreage (hectares)
5. By drought (hectares)
6. By floods (hectares)
7. By others (hectares)
8. Acreage harvested (hectares)
9. Yield per hectare (kg)
10. Total yield (MT)
11. Kinds of crops
12. Total
13. Principal crops, sub-total
14. Soybeans
15. Red beans
16. Green beans
17. Other kinds of beans
18. Kaoliang
19. Italian millet
20. Maize
21. Wheat
22. Rice (irrigated)
23. Rice (unirrigated)
24. Barley
25. Oats
26. Millet
27. Sawa millet
28. Buckwheat
29. Special crops, sub-total
30. Ramie for fiber
31. Ramie for seeds
32. Perilla seeds
33. Cotton, imported species
34. Cotton, native species
35. Tobacco, US species
36. Tobacco, native species
37. Abutilon hemp
38. Flax
39. Hemp
40. Castor-oil seeds
41. Sesame seeds
42. Peanuts
43. Sugar beets
44. Melon seeds
45. Others
46. Other crops, sub-total
47. Fruits
48. Potatoes
49. Fresh vegetables
50. Ruusan

Jao-ho

Crop Name	Area (Hectares)		Yield (MT)	
	Total	Damaged	Total	Yield per Hectare
Principal crops	1,192	11	1,181	1,181
Soybeans	1,181	11	1,170	990
Kaoliang	100	0	100	100
Wheat	100	0	100	100
Rice	100	0	100	100
Maize	100	0	100	100
Millet	100	0	100	100
Barley	100	0	100	100
Oats	100	0	100	100
Sawa millet	100	0	100	100
Buckwheat	100	0	100	100
Special crops	100	0	100	100
Ramie	100	0	100	100
Perilla	100	0	100	100
Cotton	100	0	100	100
Tobacco	100	0	100	100
Abutilon	100	0	100	100
Hemp	100	0	100	100
Castor-oil	100	0	100	100
Sesame	100	0	100	100
Peanuts	100	0	100	100
Sugar beets	100	0	100	100
Melon seeds	100	0	100	100
Others	100	0	100	100
Other crops	100	0	100	100
Fruits	100	0	100	100
Potatoes	100	0	100	100
Fresh vegetables	100	0	100	100
Ruusan	100	0	100	100

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

- 1. Percentage of various crops
- 2. Acreage under crops (hectares)
- 3. Damaged acreage with no yield
- 4. Total damaged acreage (hectares)
- 5. By drought (hectares)
- 6. By floods (hectares)
- 7. By others (hectares)
- 8. Acreage harvested (hectares)
- 9. Yield per hectare (kg)
- 10. Total yield (MT)
- 11. Kinds of crops
- 12. Total
- 13. Principal crops, sub-total
- 14. Soybeans
- 15. Red beans
- 16. Green beans
- 17. Other kinds of beans
- 18. Kaoliang 19. Italian millet
- 20. Maize 21. Wheat
- 22. Rice (irrigated)
- 23. Rice (unirrigated)
- 24. Barley 25. Oats
- 26. Millet 27. Sava millet
- 28. Buckwheat
- 29. Special crops, sub-total
- 30. Ramie for fiber
- 31. Ramie for seeds
- 32. Perilla seeds
- 33. Cotton, imported species
- 34. Cotton, native species
- 35. Tobacco, US species
- 36. Tobacco, native species
- 37. Abutilon hemp 38. Flax
- 39. Hemp 40. Castor-oil seeds
- 41. Sesame seeds 42. Peanuts
- 43. Sugar beets 44. Melon seeds
- 45. Others
- 46. Other crops, sub-total
- 47. Fruits 48. Potatoes
- 49. Fresh vegetables
- 50. Rusan

344 Acreage Under Crops and Amount of Yield by Crops and by Hsiens (For 1941)
Chi-ning

作物名稱	總計		旱地		水地		其他	
	面積	產量	面積	產量	面積	產量	面積	產量
合計	108,900	44,200	1,200	1,700	68,200	21,000	39,500	21,500
大豆	24,640	41,700	1,700	1,700	40,000	39,700	100	200
綠豆	25,040	11,070	320	320	10,750	10,750	100	100
紅豆	1,810	800	70	70	1,740	730	70	70
其他豆類	0,520	230	0	0	520	230	0	0
高粱	0,080	37	1	1	77	36	1	1
玉米	18,100	7,147	100	100	6,947	6,947	100	100
燕麥	14,000	6,217	757	757	6,460	6,460	0	0
小麥	13,800	5,877	237	237	3,540	3,540	1,100	1,100
水稻	7,100	3,100	33	33	3,067	3,067	33	33
其他穀類	13,400	5,900	100	100	6,700	6,700	1,000	1,000
大麥	0,020	0	0	0	20	20	0	0
燕麥	1,300	614	2	2	612	612	0	0
其他穀類	0,450	180	10	10	440	440	0	0
其他	0,820	272	0	0	820	820	0	0
其他	0,840	150	0	0	150	150	0	0
其他	0,070	30	0	0	70	70	0	0
其他	0,840	240	0	0	840	840	0	0
其他	0,100	70	0	0	100	100	0	0
其他	0,050	21	0	0	50	50	0	0
其他	0,050	24	0	0	50	50	0	0
其他	0,010	4	0	0	10	10	0	0
其他	0,020	20	0	0	20	20	0	0
其他	0,070	31	0	0	70	70	0	0
其他	0,020	30	0	0	20	20	0	0
其他	0,040	10	0	0	40	40	0	0
其他	0,820	10	0	0	820	820	0	0
其他	0,020	10	0	0	20	20	0	0
其他	1,000	1,000	0	0	1,000	1,000	0	0
其他	1,000	1,000	0	0	1,000	1,000	0	0

STAT

#53 Manchurian Agriculture Statistics for 1941. Published by the
Research Section, South Manchuria Railway, November 1942.

STAT

RESTRICTED

RESTRICTED

Port Arthur

Average barometric pressure of freezing point

Highest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1904	61.4	61.8	62.0	62.5	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	60.0
7	62.0	62.1	62.3	62.5	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	60.0
8	62.7	62.9	63.2	63.5	63.0	62.5	62.0	61.5	61.0	60.5	60.0	59.5	60.0
9	61.8	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
10	61.8	61.3	61.5	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	57.5	60.0
11	62.3	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
12	62.1	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
13	62.7	62.5	62.5	62.5	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	60.0
14	61.1	62.2	62.2	62.2	61.7	61.2	60.7	60.2	59.7	59.2	58.7	58.2	60.0
15	62.1	62.2	62.2	62.2	61.7	61.2	60.7	60.2	59.7	59.2	58.7	58.2	60.0
16	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
17	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
18	61.9	62.2	62.2	62.2	61.7	61.2	60.7	60.2	59.7	59.2	58.7	58.2	60.0
19	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
20	61.3	61.9	62.2	62.2	61.7	61.2	60.7	60.2	59.7	59.2	58.7	58.2	60.0
21	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
22	61.9	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
23	61.9	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
24	62.3	62.3	62.3	62.3	61.8	61.3	60.8	60.3	59.8	59.3	58.8	58.3	60.0
25	62.3	62.3	62.3	62.3	61.8	61.3	60.8	60.3	59.8	59.3	58.8	58.3	60.0
26	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
27	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
28	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
29	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
30	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
31	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
32	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
33	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
34	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
35	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
36	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
37	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
38	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
39	62.1	62.1	62.1	62.1	61.6	61.1	60.6	60.1	59.6	59.1	58.6	58.1	60.0
40	62.0	62.0	62.0	62.0	61.5	61.0	60.5	60.0	59.5	59.0	58.5	58.0	60.0
1905	70.3	70.5	70.5	70.5	70.0	69.5	69.0	68.5	68.0	67.5	67.0	66.5	68.0
1	70.9	70.9	70.9	70.9	70.4	69.9	69.4	68.9	68.4	67.9	67.4	66.9	68.0
2	71.2	71.2	71.2	71.2	70.7	70.2	69.7	69.2	68.7	68.2	67.7	67.2	68.0
3	71.6	71.6	71.6	71.6	71.1	70.6	70.1	69.6	69.1	68.6	68.1	67.6	68.0
4	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
5	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
6	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
7	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
8	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
9	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
10	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
11	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
12	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
13	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
14	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
15	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
16	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
17	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
18	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
19	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
20	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
21	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
22	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
23	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
24	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
25	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
26	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
27	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
28	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
29	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
30	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0
31	71.5	71.5	71.5	71.5	71.0	70.5	70.0	69.5	69.0	68.5	68.0	67.5	68.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

120

RESTRICTED

Port Arthur

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Barometric pressure at sea level

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1939	75.0	73.1	73.0	68.8	58.7	53.3	53.8	54.4	61.8	64.8	70.9	71.4	75.0	
30	73.1	68.2	71.8	65.0	58.4	55.9	53.7	55.7	60.7	66.4	69.6	72.0	73.1	
31	72.9	72.8	69.1	64.8	58.1	54.1	54.1	55.7	59.3	66.7	71.5	71.3	75.0	
32	71.0	70.9	64.6	62.4	54.7	51.8	57.4	54.4	61.8	65.4	70.1	71.0		
33	75.4	67.7	69.7	62.8	57.8	53.3	54.6	51.7	58.3	67.0	68.5	68.0	74.4	
34	74.0	65.9	64.9	67.4	60.3	55.0	55.8	58.0	60.4	67.8	68.8	70.7	74.0	
35	70.5	71.7	64.9	62.2	61.7	58.4	54.1	55.8	61.0	64.4	71.9	71.1	71.9	
36	72.0	70.8	72.4	64.5	58.5	53.5	53.6	55.8	58.6	66.0	69.1	73.2	73.4	
37	70.6	72.9	70.3	70.4	66.2	61.8	59.7	62.1	66.3	72.9	75.3	75.1	79.9	
38	82.0	75.2	73.4	67.8	61.8	61.9	57.9	59.9	67.4	72.9	75.8	80.6	83.0	
40	78.3	77.1	75.8	67.9	66.0	60.5	59.6	60.6	68.5	69.1	73.9	75.1	78.3	
冰點以上 (+700mm)	1906	53.8	54.6	44.0	46.6	44.5	33.0	40.1	41.1	48.9	50.3	53.4	50.1	33.9
7	54.4	57.0	51.6	42.4	42.1	43.3	42.6	43.0	46.6	50.6	52.3	51.4	48.1	40.9
8	54.4	56.4	44.8	43.8	41.4	41.3	40.9	43.1	45.3	52.3	51.4	48.3	48.1	38.7
9	54.0	51.9	48.3	43.3	44.0	44.1	38.7	39.6	47.0	52.1	45.4	51.8	48.7	38.7
10	51.1	52.4	48.2	48.0	40.7	37.8	39.3	34.0	49.2	52.3	46.4	51.9	34.0	
11	42.4	50.7	51.8	38.2	45.0	39.8	38.0	41.1	47.9	52.7	48.1	53.0	38.2	
12	55.0	50.6	41.3	42.7	33.4	40.2	42.9	43.7	44.5	50.2	50.0	50.1	33.4	
13	54.8	50.9	40.9	40.5	43.8	35.0	41.5	44.4	49.1	50.4	53.2	55.6	35.6	
14	46.6	50.7	39.7	43.9	45.5	41.1	38.8	41.1	43.7	50.3	51.1	51.1	26.7	
15	51.9	50.3	42.1	44.1	43.5	43.0	31.8	40.9	39.5	48.2	52.2	51.3	31.8	
16	49.4	53.4	47.8	45.4	40.4	38.6	42.4	42.2	44.4	48.4	54.0	53.5	38.6	
17	52.8	46.1	51.1	44.6	40.3	41.1	40.3	41.8	46.1	51.2	54.0	53.5	38.6	
18	50.0	52.5	37.4	41.6	42.3	37.5	41.3	40.0	45.9	51.2	49.1	52.0	37.4	
19	54.6	50.6	46.3	47.2	42.8	37.9	45.4	44.9	43.0	45.7	51.9	56.5	37.9	
20	52.6	52.2	55.0	48.5	45.6	41.0	42.9	40.8	49.4	48.7	52.7	52.3	40.8	
21	51.7	45.5	48.0	41.6	43.9	42.0	42.8	30.6	49.8	53.5	50.3	48.0	30.6	
22	55.7	49.6	48.5	41.8	41.5	41.9	41.6	45.5	45.6	52.0	51.2	54.9	41.3	
23	55.1	51.5	48.1	45.0	40.9	38.8	40.2	33.4	45.8	48.2	49.0	47.7	33.4	
24	54.5	48.2	47.5	45.7	44.7	41.1	37.0	44.7	47.3	50.6	46.0	52.8	37.0	
25	54.0	51.5	46.7	42.4	41.1	41.1	44.7	43.5	46.8	51.5	50.3	50.9	41.1	
26	53.0	54.4	47.5	38.9	45.2	40.0	36.8	33.7	44.6	51.1	53.4	54.0	33.7	
27	52.2	55.0	47.5	40.6	44.2	41.3	37.0	39.4	44.6	48.7	45.1	53.0	37.0	
28	52.6	51.1	47.0	49.0	40.8	42.8	35.9	44.9	45.4	48.3	49.8	50.8	35.9	
29	51.1	48.5	45.1	42.1	47.0	39.7	41.7	42.6	46.0	51.1	53.6	56.4	39.7	
30	57.1	51.2	46.9	40.4	44.4	43.4	32.4	41.0	49.1	48.2	53.1	54.1	32.4	
31	53.7	54.0	45.9	43.7	43.3	40.0	32.2	41.6	47.9	50.2	53.8	56.4	32.2	
32	51.8	51.0	45.4	45.7	34.8	44.3	39.8	43.1	48.4	48.1	48.7	48.7	34.8	
33	54.8	53.0	50.9	46.5	44.1	35.9	41.6	40.9	48.5	44.5	53.0	50.1	35.9	
34	57.1	50.0	43.7	46.1	42.7	33.1	41.6	40.2	43.5	55.0	51.0	57.2	33.1	
35	51.5	52.2	43.0	39.7	38.5	39.4	39.0	43.8	47.9	46.2	51.9	53.4	38.5	
36	52.8	51.9	54.1	48.5	44.0	40.6	39.3	43.0	44.7	49.9	48.7	52.2	39.3	
37	49.9	59.0	52.8	45.5	42.8	39.0	44.3	50.0	51.4	52.7	56.0	53.8	44.3	
38	59.9	58.3	52.9	46.2	46.4	47.0	45.6	36.3	48.9	56.3	56.7	61.5	45.6	
40	53.3	59.4	54.3	48.8	47.7	45.5	45.8	44.8	54.4	55.3	52.7	54.2	44.8	
海面上 (+700mm)	1906	70.9	69.2	66.0	62.2	52.7	54.7	52.6	55.7	62.1	61.2	71.9	69.2	66.0
7	69.4	71.6	67.5	62.2	55.7	55.7	54.6	54.0	61.4	64.5	68.2	70.1	62.2	
8	72.0	70.8	62.0	62.9	57.9	54.0	52.8	54.5	58.8	65.0	67.6	68.5	62.0	
9	71.1	62.8	62.2	62.8	52.2	52.7	52.9	51.1	62.6	61.8	62.8	62.6	62.8	
10	69.3	68.6	64.7	63.4	59.3	53.4	52.8	54.7	61.8	64.4	67.3	71.4	64.7	
11	60.7	72.2	67.1	61.0	60.2	55.6	52.7	52.0	62.3	61.5	67.1	71.7	61.0	
12	75.5	62.0	61.2	57.0	52.9	52.9	52.3	52.3	62.3	62.3	62.3	72.0	62.3	
13	72.1	62.8	62.3	62.3	52.2	52.2	52.2	52.2	62.7	62.7	62.7	72.1	62.7	
14	67.2	62.1	62.1	62.1	52.1	52.1	52.1	52.1	62.1	62.1	62.1	67.2	62.1	
15	70.5	67.4	62.0	62.1	57.1	52.1	52.1	52.1	62.1	62.1	62.1	70.5	62.1	

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Port Arthur

Barometric pressure at sea level

Average atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	平均
1916	70.8	68.0	66.5	64.9	63.2	61.0	59.3	57.8	56.4	55.1	54.0	53.1	52.8
17	71.5	68.4	67.4	65.8	64.0	61.8	60.1	58.6	57.2	55.9	54.6	53.7	53.4
18	71.3	68.7	68.0	66.9	65.0	62.8	61.1	59.6	58.2	56.9	55.6	54.7	54.4
19	71.2	68.3	67.8	66.9	65.0	62.8	61.1	59.6	58.2	56.9	55.6	54.7	54.4
20	68.5	73.3	68.5	67.4	65.9	63.7	62.0	60.5	59.1	57.8	56.5	55.2	54.9
21	71.2	68.0	66.3	64.6	62.9	60.7	59.0	57.5	56.1	54.8	53.5	52.2	51.9
22	73.0	69.7	68.4	67.1	65.8	63.6	61.9	60.4	59.0	57.7	56.4	55.1	54.8
23	72.8	69.5	67.8	66.5	65.2	63.0	61.3	59.8	58.4	57.1	55.8	54.5	54.2
24	69.6	67.5	68.8	67.0	65.3	63.1	61.4	59.9	58.5	57.2	55.9	54.6	54.3
25	70.7	70.4	65.1	64.0	62.8	60.6	58.9	57.4	56.0	54.7	53.4	52.1	51.8
26	71.3	70.1	66.1	65.0	63.8	61.6	60.0	58.5	57.1	55.8	54.5	53.2	52.9
27	70.3	70.1	67.0	65.0	63.8	61.6	60.0	58.5	57.1	55.8	54.5	53.2	52.9
28	71.4	69.7	66.7	65.4	64.2	62.0	60.3	58.8	57.4	56.1	54.8	53.5	53.2
29	72.1	69.4	67.1	65.8	64.6	62.4	60.7	59.2	57.8	56.5	55.2	53.9	53.6
30	72.9	69.3	66.6	65.3	64.1	61.9	60.2	58.7	57.3	56.0	54.7	53.4	53.1
31	69.6	71.2	65.6	64.4	63.2	61.0	59.3	57.8	56.4	55.1	53.8	52.5	52.2
32	70.1	71.8	66.2	65.0	63.8	61.6	60.0	58.5	57.1	55.8	54.5	53.2	52.9
33	73.5	68.6	67.7	66.5	65.3	63.1	61.4	59.9	58.5	57.2	55.9	54.6	54.3
34	73.0	68.2	67.3	66.1	64.9	62.7	61.0	59.5	58.1	56.8	55.5	54.2	53.9
35	70.0	68.6	66.7	65.5	64.3	62.1	60.4	58.9	57.5	56.2	54.9	53.6	53.3
36	71.4	69.1	70.1	68.1	66.1	63.1	61.1	59.1	57.1	55.1	53.1	51.1	50.1
平均数值	1906	-3.7	-5.4	2.3	9.0	13.9	18.8	23.8	28.9	34.0	39.1	44.2	49.3
7	-0.8	-4.7	1.6	8.3	13.2	18.1	23.0	28.0	33.0	38.0	43.0	48.0	53.0
8	-1.3	-4.5	0.9	7.8	12.7	17.6	22.5	27.5	32.5	37.5	42.5	47.5	52.5
9	-1.0	-4.9	0.5	7.7	12.6	17.5	22.4	27.4	32.4	37.4	42.4	47.4	52.4
10	-1.9	-4.9	0.9	8.2	13.1	18.0	22.9	27.9	32.9	37.9	42.9	47.9	52.9
11	-4.0	-2.6	0.7	7.3	12.0	16.9	21.8	26.7	31.6	36.5	41.4	46.3	51.2
12	-4.1	0.1	2.0	6.1	10.8	15.7	20.6	25.5	30.4	35.3	40.2	45.1	50.0
13	-1.1	-3.7	1.1	8.7	13.4	18.3	23.2	28.1	33.0	37.9	42.8	47.7	52.6
14	-1.6	-1.3	2.3	8.1	12.8	17.7	22.6	27.5	32.4	37.3	42.2	47.1	52.0
15	-4.0	-1.0	0.1	7.1	11.9	16.7	21.6	26.5	31.4	36.3	41.2	46.1	51.0
16	-1.6	-2.2	0.0	7.6	12.1	17.0	21.9	26.8	31.7	36.6	41.5	46.4	51.3
17	-7.7	-4.5	1.8	9.5	14.4	19.3	24.2	29.1	34.0	38.9	43.8	48.7	53.6
18	-4.5	-1.3	3.1	8.0	12.9	17.8	22.7	27.6	32.5	37.4	42.3	47.2	52.1
19	-7.1	-1.2	3.2	8.0	12.9	17.8	22.7	27.6	32.5	37.4	42.3	47.2	52.1
20	-1.6	-1.9	2.7	10.5	15.4	20.3	25.2	30.1	35.0	39.9	44.8	49.7	54.6
21	-2.5	-1.9	1.6	8.5	13.4	18.3	23.2	28.1	33.0	37.9	42.8	47.7	52.6
22	-2.0	-0.1	2.0	10.0	14.9	19.8	24.7	29.6	34.5	39.4	44.3	49.2	54.1
23	-1.3	-4.4	2.6	7.3	12.2	17.1	22.0	26.9	31.8	36.7	41.6	46.5	51.4
24	-2.4	-3.8	0.2	8.1	13.0	17.9	22.8	27.7	32.6	37.5	42.4	47.3	52.2
25	-4.1	-1.8	1.0	8.3	13.2	18.1	23.0	27.9	32.8	37.7	42.6	47.5	52.4
26	-3.6	-1.7	2.0	9.2	14.1	19.0	23.9	28.8	33.7	38.6	43.5	48.4	53.3
27	-4.0	-3.0	1.2	8.7	13.6	18.5	23.4	28.3	33.2	38.1	43.0	47.9	52.8
28	-3.9	-2.1	2.6	10.4	15.1	19.9	24.8	29.7	34.6	39.5	44.4	49.3	54.2
29	-4.5	-2.4	2.8	8.8	13.7	18.6	23.5	28.4	33.3	38.2	43.1	48.0	52.9
30	-1.0	-1.9	3.4	8.9	13.8	18.7	23.6	28.5	33.4	38.3	43.2	48.1	53.0
31	-4.1	-4.9	2.7	7.5	12.1	17.0	21.9	26.8	31.7	36.6	41.5	46.4	51.3
32	-0.1	-1.0	1.8	8.4	13.3	18.2	23.1	28.0	32.9	37.8	42.7	47.6	52.5
33	-1.2	-3.7	0.0	8.5	13.1	18.0	22.9	27.8	32.7	37.6	42.5	47.4	52.3
34	-2.4	0.4	4.8	10.7	15.6	20.5	25.4	30.3	35.2	40.1	45.0	49.9	54.8
35	-7.1	-4.0	-0.7	8.2	13.1	18.0	22.9	27.8	32.7	37.6	42.5	47.4	52.3
36	-2.4	-2.2	1.2	8.3	13.2	18.1	23.0	27.9	32.8	37.7	42.6	47.5	52.4
37	-1.9	-2.9	2.2	11.1	16.0	20.9	25.8	30.7	35.6	40.5	45.4	50.3	55.2
38	-1.7	-2.4	2.0	9.4	14.1	19.0	23.9	28.8	33.7	38.6	43.5	48.4	53.3
39	-1.7	-2.4	2.0	9.4	14.1	19.0	23.9	28.8	33.7	38.6	43.5	48.4	53.3
40	-1.7	-2.4	2.0	9.4	14.1	19.0	23.9	28.8	33.7	38.6	43.5	48.4	53.3

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Port Arthur

Average
highest
atmospheric
temperature

Average
lowest
atmospheric
temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1906	0.6	-1.8	6.3	14.0	18.5	23.0	27.4	26.5	18.4	7.1	2.4	14.0	14.0
7	2.4	-1.0	5.8	13.7	18.3	22.9	27.8	26.8	18.2	7.1	2.4	14.0	14.0
8	-1.0	-0.5	5.0	13.7	18.3	22.9	27.8	26.8	18.2	7.1	2.4	14.0	14.0
9	-0.4	-1.9	5.7	13.2	18.6	22.7	27.8	26.4	18.2	7.1	2.4	14.0	14.0
10	-2.8	1.4	4.7	12.9	18.6	22.9	27.4	26.8	18.4	7.1	2.4	14.0	14.0
11	0.3	1.3	4.1	12.8	18.0	22.9	27.5	26.6	18.0	7.1	2.4	14.0	14.0
12	-0.3	3.8	4.8	14.3	18.0	22.8	27.5	27.7	18.0	7.1	2.4	14.0	14.0
13	-1.3	1.0	4.3	13.9	18.0	22.8	27.5	27.4	18.0	7.1	2.4	14.0	14.0
14	2.8	8.6	4.6	14.0	18.0	22.8	27.5	27.4	18.0	7.1	2.4	14.0	14.0
15	-1.9	-1.4	4.6	13.4	18.5	22.8	27.1	27.1	18.0	7.1	2.4	14.0	14.0
16	2.1	2.0	4.4	12.6	18.5	22.8	27.4	27.5	18.0	7.1	2.4	14.0	14.0
17	-4.3	-0.6	6.6	15.3	20.3	25.5	27.4	28.3	18.5	7.1	2.4	14.0	14.0
18	-0.7	2.5	7.7	14.8	18.3	24.9	27.3	28.4	18.3	7.1	2.4	14.0	14.0
19	-2.6	3.1	8.1	14.3	18.7	24.3	27.1	27.4	18.0	7.1	2.4	14.0	14.0
20	0.9	-2.1	6.7	14.0	18.7	24.8	27.0	27.5	18.5	7.1	2.4	14.0	14.0
21	1.1	2.4	5.9	13.6	19.0	24.1	27.1	27.8	18.3	7.1	2.4	14.0	14.0
22	-3.7	3.8	7.3	16.1	19.4	25.8	27.9	28.8	18.6	7.1	2.4	14.0	14.0
23	-1.5	-0.6	6.8	14.1	18.4	24.6	27.5	28.6	18.3	7.1	2.4	14.0	14.0
24	1.9	-0.1	4.7	13.9	18.0	24.1	27.9	28.6	18.3	7.1	2.4	14.0	14.0
25	-0.1	1.6	6.1	13.5	18.9	23.9	27.0	27.5	18.7	7.1	2.4	14.0	14.0
26	0.1	2.5	7.9	15.1	19.3	24.0	27.9	28.5	18.4	7.1	2.4	14.0	14.0
27	-0.6	0.5	5.0	13.8	18.1	23.5	28.4	28.9	18.0	7.1	2.4	14.0	14.0
28	-0.3	0.8	7.1	14.1	18.7	24.9	27.8	28.3	18.3	7.1	2.4	14.0	14.0
29	-0.5	0.1	7.1	13.8	19.4	27.0	28.3	28.8	18.3	7.1	2.4	14.0	14.0
30	-1.2	2.2	8.8	13.7	18.9	25.4	27.7	29.1	18.0	7.1	2.4	14.0	14.0
31	-0.4	-0.8	7.7	13.3	19.3	24.0	27.9	27.1	18.3	7.1	2.4	14.0	14.0
32	3.9	-1.1	6.0	13.7	19.7	23.8	27.8	28.8	18.3	7.1	2.4	14.0	14.0
33	-2.1	1.1	4.4	13.7	18.1	24.4	29.1	28.4	18.3	7.1	2.4	14.0	14.0
34	-2.9	2.3	5.3	12.5	18.4	23.7	27.4	27.0	18.0	7.1	2.4	14.0	14.0
35	1.5	5.0	9.7	16.4	21.8	24.5	26.7	29.0	18.4	7.1	2.4	14.0	14.0
36	3.0	-2.2	4.1	13.4	18.5	23.7	26.9	27.6	18.9	7.1	2.4	14.0	14.0
37	1.0	1.4	5.3	13.1	18.0	23.8	28.0	27.7	18.5	7.1	2.4	14.0	14.0
38	-1.7	1.8	7.7	14.3	18.3	23.7	27.3	29.3	18.5	7.1	2.4	14.0	14.0
39	0.8	1.9	7.7	14.5	19.1	23.9	28.7	29.6	18.1	7.1	2.4	14.0	14.0
40	-3.5	1.4	7.6	14.3	18.8	24.3	27.8	28.1	18.1	7.1	2.4	14.0	14.0
平均最高	1906	-7.7	-6.6	-1.0	5.5	11.0	16.3	21.0	21.5	15.9	10.8	-0.7	-6.6
7	-6.4	-2.6	-1.6	5.3	10.2	15.0	19.8	21.4	18.3	11.3	0.4	-4.4	6.7
8	-10.1	-8.5	-3.4	5.5	9.8	14.5	19.5	21.1	18.3	10.4	1.3	-3.0	6.1
9	-7.6	-3.8	-4.4	5.9	10.1	15.5	20.0	21.4	18.4	9.7	1.8	-0.7	6.7
10	-8.7	-3.7	-1.9	4.5	11.1	15.3	20.8	21.5	18.3	10.9	1.8	-7.8	6.4
11	-8.6	-4.4	-2.9	5.1	9.9	15.0	19.3	20.1	17.4	9.4	2.0	-1.3	6.3
12	-7.7	-3.3	-1.6	4.5	9.8	14.1	18.1	21.0	14.3	8.9	-1.3	-7.3	5.8
13	-9.1	-7.8	-2.3	4.5	9.8	14.8	18.6	20.0	14.1	9.3	2.2	-1.1	5.1
14	-3.8	-2.8	-2.8	4.8	9.5	14.8	18.6	20.0	14.1	11.9	0.1	-2.1	5.1
15	-10.6	-8.5	-3.8	4.5	9.5	14.8	19.3	20.3	18.0	9.7	3.1	-2.6	5.8
16	-5.8	-4.1	-2.8	5.5	9.4	14.0	19.1	21.0	14.9	9.1	2.8	-1.8	4.6
17	-11.8	-8.0	-2.1	4.5	9.7	13.7	18.1	21.0	14.3	9.8	0.8	-2.6	5.7
18	-8.9	-7.8	-0.6	4.6	9.8	13.7	18.6	20.9	13.7	9.8	0.8	-2.6	5.7
19	-11.1	-8.1	-1.8	4.5	9.8	13.7	18.6	20.9	13.7	9.8	0.8	-2.6	5.7
20	-8.0	-7.2	-1.0	4.7	12.4	15.4	20.8	21.4	15.4	11.8	0.7	-1.8	4.7
21	-7.0	-5.9	-2.2	4.9	9.7	14.0	19.4	20.4	18.0	9.0	2.0	-1.4	4.7
22	-10.8	-8.0	-1.8	4.5	9.5	12.4	18.4	21.0	13.9	11.1	-1.4	-2.4	4.7
23	-8.8	-6.3	-1.6	4.5	9.5	12.4	18.4	21.0	13.9	11.1	-1.4	-2.4	4.7
24	-7.3	-7.7	-3.3	4.4	9.4	12.4	18.4	21.0	13.9	11.1	-1.4	-2.4	4.7
25	-7.1	-7.5	-2.4	4.7	9.4	12.4	18.4	21.0	13.9	11.1	-1.4	-2.4	4.7
26	-6.3	-6.1	-2.5	4.9	10.1	12.1	19.1	20.5	18.4	9.8	2.2	-1.4	4.6
27	-1.4	-2.1	-2.2	4.8	10.1	12.1	19.1	20.5	18.4	9.8	2.2	-1.4	4.6
28	-1.4	-2.1	-2.2	4.8	10.1	12.1	19.1	20.5	18.4	9.8	2.2	-1.4	4.6

RESTRICTED 4

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Port Arthur

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1909	-8.8	-7.1	-4.9	4.3	10.7	16.7	20.1	20.8	18.4	14.7	11.1	8.8
10	-8.0	-6.8	-4.6	4.7	10.7	16.7	20.1	20.8	18.4	14.7	11.1	8.8
11	-8.5	-7.3	-5.1	5.1	11.5	17.5	20.9	21.6	19.2	15.5	11.9	9.6
12	-4.1	-2.7	-0.9	3.9	10.4	16.1	20.2	20.8	18.4	14.7	11.1	8.8
13	-9.5	-7.5	-5.8	4.8	11.8	18.3	21.5	21.6	19.2	15.5	11.9	9.6
14	-10.3	-8.8	-7.1	4.8	11.8	18.3	21.5	21.6	19.2	15.5	11.9	9.6
15	-7.5	-5.0	-1.6	4.8	11.8	18.3	21.5	21.6	19.2	15.5	11.9	9.6
16	-11.0	-9.1	-5.9	4.5	10.8	16.1	20.8	21.6	19.2	15.5	11.9	9.6
17	-7.3	-7.4	-5.1	3.7	10.6	16.4	20.9	20.8	18.4	14.7	11.1	8.8
18	-10.9	-7.4	-6.7	6.2	10.1	16.1	21.9	21.2	18.4	14.7	11.1	8.8
19	-8.8	-7.0	-6.7	5.0	10.4	15.6	20.3	20.9	18.1	14.5	11.0	8.4
20	-10.5	-7.4	-1.0	4.4	11.4	15.9	21.8	22.5	19.5	15.0	11.5	8.5
1905	8.0	4.4	15.0	19.4	25.9	31.1	30.0	29.9	28.0	21.7	16.4	11.0
7	8.8	8.8	15.0	17.4	25.4	30.1	30.9	31.6	28.0	21.7	16.4	11.0
8	8.5	5.9	18.3	21.1	28.5	29.0	30.1	31.4	28.0	21.7	16.4	11.0
9	8.8	7.7	11.4	21.1	29.0	29.5	31.8	32.5	27.1	20.9	15.6	11.2
10	7.5	6.7	12.8	20.8	27.1	28.5	34.0	31.0	29.3	23.9	18.8	13.5
11	6.4	6.4	7.5	21.0	25.5	29.3	30.1	30.0	30.0	22.4	16.6	11.7
12	5.9	7.9	14.4	24.1	29.5	31.4	31.1	31.4	29.4	22.7	17.5	12.0
13	4.0	6.5	21.3	19.8	26.1	30.8	30.7	30.4	28.2	22.9	17.9	12.1
14	8.4	11.1	15.9	26.8	28.7	31.9	30.9	30.4	28.4	22.9	17.9	12.1
15	5.1	7.7	13.5	19.1	28.8	29.3	32.8	32.8	29.7	23.8	18.9	13.4
16	6.9	7.0	22.9	19.0	27.3	30.6	30.5	34.4	29.0	24.9	19.8	14.2
17	4.3	10.0	18.4	20.8	28.8	31.3	34.8	31.1	28.5	24.9	19.8	14.2
18	5.4	7.7	17.0	24.9	22.4	30.0	31.1	31.8	29.9	24.9	19.8	14.2
19	7.7	12.0	18.5	23.5	25.4	30.9	33.9	35.4	28.4	22.4	17.9	13.4
20	5.9	4.0	14.4	23.3	28.5	34.3	33.3	34.5	29.0	23.4	18.4	13.5
21	9.3	10.8	13.3	18.9	28.7	30.6	31.4	33.1	29.9	24.9	19.8	14.2
22	6.9	9.3	14.4	28.4	25.0	31.7	34.4	34.5	31.0	24.9	19.8	14.2
23	5.3	5.9	11.4	19.0	25.4	30.8	30.1	29.8	28.4	17.1	12.1	8.9
24	8.4	6.4	11.3	21.3	27.6	31.3	31.1	34.3	31.8	27.4	18.0	13.4
25	6.7	8.4	12.7	24.7	24.3	29.4	29.3	29.3	28.4	21.1	15.3	10.2
26	6.8	7.5	14.7	21.4	27.3	31.7	33.7	34.4	28.5	23.0	18.4	13.7
27	7.5	6.1	14.4	22.1	24.0	29.7	34.8	34.0	29.1	24.9	19.8	14.2
28	2.7	6.8	14.4	22.4	23.9	29.7	34.8	30.7	29.8	24.8	18.9	13.8
29	6.6	8.5	17.3	22.3	27.1	28.3	33.7	31.8	29.7	23.0	17.9	13.7
30	4.5	10.5	13.3	24.0	24.9	31.5	31.0	31.5	29.0	24.9	19.8	14.2
31	6.6	5.7	18.3	18.4	24.4	29.1	29.5	29.1	29.9	24.9	19.8	14.2
32	6.7	5.8	14.7	22.3	27.4	29.8	30.9	29.1	29.0	24.4	18.4	13.1
33	5.8	7.3	14.8	18.3	24.4	28.9	32.8	32.3	31.4	24.9	19.8	14.2
34	3.7	10.1	14.8	18.7	29.9	29.4	33.1	30.4	28.4	23.4	18.4	13.4
35	4.4	12.8	14.3	24.9	24.9	33.3	33.9	33.0	30.0	24.4	17.8	12.3
36	5.0	6.7	14.5	19.0	27.0	28.1	28.4	31.8	28.4	23.0	18.4	13.4
37	8.5	8.8	12.3	18.7	24.9	27.4	28.7	29.3	28.3	22.9	17.9	13.4
38	6.4	6.4	14.4	22.4	25.0	28.4	31.4	32.4	28.4	23.4	18.4	13.4
39	7.0	8.7	14.4	22.4	25.0	28.4	31.4	32.4	28.4	23.4	18.4	13.4
40	7.9	11.4	12.4	22.1	24.8	27.8	27.8	27.7	25.1	21.1	16.1	11.1
1904	-14.6	-16.7	-2.1	-4.7	6.8	13.0	18.7	17.0	14.4	11.1	8.8	6.5
6	-12.7	-12.8	-4.3	-2.2	6.2	12.1	18.3	17.0	14.4	11.1	8.8	6.5
9	-14.6	-12.0	-2.8	-2.2	6.2	12.1	18.3	17.0	14.4	11.1	8.8	6.5
10	-14.8	-17.4	-4.3	-1.5	5.7	11.4	17.3	18.7	15.2	11.9	8.5	6.2
11	-14.3	-11.9	-2.9	-2.0	5.1	12.4	17.4	17.4	14.8	11.1	8.8	6.5
12	-17.8	-7.9	-12.1	-2.1	6.4	12.0	17.0	17.0	14.8	11.1	8.8	6.5
14	-14.9	-10.3	-2.7	-2.1	5.1	12.4	17.4	17.4	14.8	11.1	8.8	6.5
15	-14.0	-12.3	-2.8	-1.8	6.4	12.1	18.3	17.0	14.4	11.1	8.8	6.5

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

184

RESTRICTED

Port Arthur

Low limit of atmospheric temperature

Average vapor pressure

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1916	-14.4	-10.9	-7.7	-3.1	4.3	9.9	16.8	18.7	14.1	6.1	0.1	-1.1	-18.5
17	-19.3	-13.5	-8.1	-3.1	0.1	5.1	11.1	17.8	19.1	12.9	2.5	-1.1	-15.5
18	-16.7	-10.0	-5.8	-0.3	4.1	11.7	15.9	19.8	16.4	8.9	-4.4	-1.3	-16.3
19	-15.2	-17.5	-8.8	-3.8	0.1	11.1	18.4	17.7	18.3	13	-7.8	-1.8	-17.5
20	-15.3	-17.9	-8.0	1.5	7.9	18.1	17.4	18.8	9.7	6.3	-5.5	-1.3	-17.9
21	-16.5	-11.1	-8.8	-0.4	5.0	11.6	15.4	15.3	8.9	3.7	-4.6	-1.4	-16.5
22	-18.1	-11.1	-8.8	0.4	5.0	11.7	15.4	18.1	8.3	1.0	-11.1	-1.8	-18.1
23	-16.6	-14.7	-3.3	0.1	6.6	18.1	15.8	19.6	9.6	-3.0	-17.3	-1.3	-16.6
24	-18.9	-18.8	-2.1	-1.6	4.4	13.7	17.6	18.1	13.3	-0.4	-4.3	-1.7	-18.9
25	-12.4	-12.7	-10.1	-4.0	6.8	10.7	17.0	15.5	18.1	5.4	-5.4	-1.7	-12.4
26	-14.7	-12.9	-6.0	0.7	7.8	12.1	16.4	18.1	10.9	-0.9	-4.1	-1.5	-14.7
27	-17.5	-12.8	-10.0	-1.5	4.9	11.8	17.1	17.8	13.1	3.7	-4.1	-1.7	-17.5
28	-15.8	-14.7	-8.4	-1.3	6.7	10.8	17.0	18.8	8.1	-1.8	-0.4	-1.7	-15.8
29	-14.8	-15.7	-8.7	-2.6	4.0	13.2	17.9	16.5	11.8	3.9	-4.1	-1.3	-14.8
30	-17.0	-12.4	-7.1	-1.0	4.8	12.0	17.3	18.0	11.0	2.8	-4.0	-1.8	-17.0
31	-19.3	-18.8	-7.0	-1.8	6.0	9.7	15.6	15.1	9.3	1.6	-4.1	-1.9	-19.3
32	-9.7	-14.9	-8.1	-0.6	4.9	13.3	17.0	18.8	14.7	5.6	-5.8	-1.0	-9.7
33	-10.4	-13.0	-11.9	1.6	6.2	11.1	17.4	17.9	10.8	3.9	-3.8	-1.6	-10.4
34	-13.6	-8.5	-0.5	-1.2	3.9	10.3	17.3	18.4	12.0	4.4	-2.6	-1.0	-13.6
35	-10.5	-11.9	-2.5	8.0	6.7	11.0	18.0	16.1	10.3	5.3	-5.3	-1.8	-10.5
36	-16.8	-14.6	-12.0	0.0	6.9	11.0	16.4	16.4	14.0	3.0	-1.3	-1.7	-16.8
37	-16.4	-11.1	-8.4	-3.7	3.8	11.9	17.3	15.0	7.9	-0.5	-4.8	-1.4	-16.4
38	-15.1	-14.6	-7.6	0.9	6.1	12.1	18.3	15.5	10.8	1.0	-6.1	-1.4	-15.1
39	-15.7	-15.1	-6.8	-5.4	6.0	8.7	18.0	18.5	7.3	-0.3	-6.0	-1.7	-15.7
40	-14.9	-17.1	-6.5	-1.8	7.3	11.1	17.5	15.1	7.8	4.1	-5.3	-1.7	-14.9
平均	2.3	2.1	3.5	6.1	8.6	14.0	19.3	18.6	12.4	3.2	4.2	3.6	8.8
7	3.1	2.0	3.3	5.9	8.9	13.8	18.4	11.1	15.3	10.6	4.8	2.7	8.8
8	3.3	2.8	3.0	5.1	8.2	13.8	17.9	19.7	14.0	9.6	4.5	3.3	8.6
9	3.3	2.4	3.0	5.1	7.5	11.7	18.0	18.6	13.0	8.3	5.8	2.6	8.6
10	2.1	2.2	3.0	5.0	7.9	13.0	18.4	19.3	12.8	9.5	4.6	2.3	8.3
11	2.4	2.8	3.3	5.4	7.9	13.8	18.0	18.1	15.3	7.3	5.0	2.7	8.3
12	1.9	3.8	3.3	4.8	8.1	13.8	18.8	20.4	11.4	7.9	3.9	2.5	8.3
13	3.3	3.4	3.0	5.4	7.7	12.4	18.7	17.9	18.4	7.4	5.8	2.7	7.9
14	2.9	2.9	4.0	5.0	8.2	14.1	20.1	19.7	13.6	9.3	4.7	2.6	8.9
15	2.4	2.3	3.0	4.9	7.7	12.3	18.4	18.0	11.9	9.4	5.4	3.7	8.3
16	2.9	2.7	2.7	4.9	7.4	11.5	16.8	17.9	18.0	8.4	5.4	2.8	7.9
17	1.7	2.1	3.2	4.0	6.6	12.1	18.0	18.4	11.9	7.3	4.8	2.3	7.7
18	2.0	2.5	3.4	4.5	7.9	12.0	17.4	19.8	12.8	8.5	4.1	2.7	8.1
19	2.0	2.8	3.1	4.9	7.7	12.5	18.6	18.0	11.9	9.4	5.4	3.7	8.3
20	2.4	2.1	3.8	5.0	8.3	12.1	18.9	17.1	11.7	8.8	5.8	2.7	8.1
21	2.6	2.5	3.8	5.1	11.8	17.6	17.7	11.9	7.7	3.7	3.1	2.1	7.9
22	2.7	2.5	3.3	5.0	8.0	12.0	17.9	19.0	13.7	8.8	3.8	2.6	8.3
23	2.0	2.1	3.1	4.0	7.9	12.0	18.0	18.0	11.0	7.8	4.7	3.1	8.3
24	2.5	2.8	3.8	5.7	7.8	12.3	18.2	17.6	11.0	7.9	4.7	3.1	8.3
25	2.1	2.1	3.0	4.9	8.6	12.7	18.4	18.3	7.8	3.0	2.7	2.1	7.9
26	2.3	2.9	3.1	4.7	8.1	11.1	16.3	18.7	12.3	6.4	5.1	2.3	7.9
27	2.5	2.8	3.6	5.3	7.1	11.8	19.0	18.9	13.0	8.0	3.7	3.0	8.3
28	2.5	2.4	3.1	4.1	8.0	11.6	17.5	18.3	11.8	7.1	4.7	2.1	8.0
29	1.9	2.3	2.9	4.5	8.8	12.5	19.3	18.3	11.9	7.1	4.7	2.1	8.0
30	2.1	2.1	4.1	5.5	8.3	11.3	19.3	18.9	11.9	8.2	3.8	2.7	8.3
31	2.2	1.9	3.4	4.1	7.8	12.6	15.7	18.4	13.0	7.0	3.4	2.8	7.8
32	2.8	2.9	2.7	3.7	8.2	13.4	18.9	19.7	14.0	7.3	4.7	2.8	8.3
33	1.8	2.4	2.9	3.7	7.9	13.1	18.0	17.9	13.0	8.3	4.8	2.6	8.1
34	1.8	2.5	3.0	4.7	8.3	12.5	18.0	17.9	13.0	8.3	4.8	2.6	8.1
35	2.5	2.9	2.7	3.5	7.1	11.7	18.4	18.4	9.3	4.8	2.3	2.3	8.3
36	1.7	2.0	2.8	4.0	7.4	12.5	17.4	17.7	12.1	7.9	3.1	2.7	7.8
37	2.5	2.4	3.4	4.8	8.2	12.8	18.9	19.2	13.4	8.2	4.2	2.8	8.3
38	1.9	2.3	2.9	3.7	7.4	12.5	17.4	17.7	12.1	7.9	3.1	2.7	7.8

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Port Arthur

Average
vapor
pressure

Average
humidity

Minimum
degree of
humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1939	25	24	28	35	41	49	57	64	70	75	78	73	64
平均湿度 1905	43	45	45	50	54	58	62	64	67	70	72	68	64
7	49	51	51	56	60	64	68	70	73	75	72	68	64
8	70	65	64	60	55	50	45	40	35	30	25	20	25
9	55	58	58	55	50	45	40	35	30	25	20	15	20
10	65	57	59	65	64	61	58	55	52	49	46	43	46
11	68	70	68	71	66	62	58	54	50	46	42	38	41
12	57	58	60	67	71	74	76	78	80	81	81	81	78
13	71	65	59	55	50	45	40	35	30	25	20	15	20
14	68	68	65	64	60	55	50	45	40	35	30	25	20
15	74	68	63	64	67	70	73	75	77	79	80	80	78
16	67	66	59	63	63	70	81	87	90	90	88	84	84
17	65	63	61	65	68	71	71	71	73	73	73	73	73
18	60	60	63	63	63	63	63	63	63	63	63	63	63
19	67	67	68	68	68	68	68	68	68	68	68	68	68
20	65	68	66	64	64	64	64	64	64	64	64	64	64
21	55	60	61	66	70	73	86	84	68	64	64	64	64
22	61	73	57	57	68	71	70	83	75	61	61	61	61
23	60	60	62	62	62	62	62	62	62	62	62	62	62
24	63	62	62	62	62	62	62	62	62	62	62	62	62
25	63	57	59	59	74	80	81	81	70	61	61	61	61
26	63	68	56	57	76	65	82	81	70	50	66	61	61
27	64	59	70	69	60	70	87	77	73	66	66	66	66
28	67	68	68	64	64	70	77	81	81	81	81	81	81
29	55	59	53	54	71	70	88	80	67	60	55	68	68
30	63	72	68	65	66	66	66	66	66	66	66	66	66
31	52	54	60	58	65	70	84	86	74	57	61	61	61
32	54	56	54	61	69	85	79	87	84	81	81	81	81
33	59	64	60	60	65	70	85	81	81	81	81	81	81
34	62	62	60	60	65	70	85	81	81	81	81	81	81
35	63	60	57	55	54	72	85	83	69	69	69	69	69
36	60	66	62	61	63	78	86	84	72	61	62	62	62
37	66	65	70	63	63	82	86	84	78	70	71	71	71
38	68	64	65	64	64	74	80	85	78	74	74	74	74
39	68	64	65	60	67	71	86	78	74	71	71	71	71
40	61	63	68	60	63	76	86	84	72	69	68	68	68
最小湿度 1905	17	16	16	14	13	12	11	11	11	11	11	11	11
7	23	23	23	21	20	19	18	18	18	18	18	18	18
8	33	33	33	31	30	29	28	28	28	28	28	28	28
9	38	38	38	36	35	34	33	33	33	33	33	33	33
10	45	45	45	43	42	41	40	40	40	40	40	40	40
11	36	36	36	34	33	32	31	31	31	31	31	31	31
12	34	34	34	32	31	30	29	29	29	29	29	29	29
13	40	40	40	38	37	36	35	35	35	35	35	35	35
14	33	33	33	31	30	29	28	28	28	28	28	28	28
15	39	39	39	37	36	35	34	34	34	34	34	34	34
16	40	40	40	38	37	36	35	35	35	35	35	35	35
17	40	40	40	38	37	36	35	35	35	35	35	35	35
18	44	44	44	42	41	40	39	39	39	39	39	39	39
19	33	33	33	31	30	29	28	28	28	28	28	28	28
20	31	31	31	29	28	27	26	26	26	26	26	26	26
21	36	36	36	34	33	32	31	31	31	31	31	31	31
22	38	38	38	36	35	34	33	33	33	33	33	33	33
23	43	43	43	41	40	39	38	38	38	38	38	38	38
24	48	48	48	46	45	44	43	43	43	43	43	43	43
25	49	49	49	47	46	45	44	44	44	44	44	44	44

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

194

Port Arthur

Minimum degree of humidity

Average cloud density

Average Wind Velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1906	82	82	82	82	82	82	82	82	82	82	82	82
1907	82	82	82	82	82	82	82	82	82	82	82	82
1908	82	82	82	82	82	82	82	82	82	82	82	82
1909	82	82	82	82	82	82	82	82	82	82	82	82
1910	82	82	82	82	82	82	82	82	82	82	82	82
1911	82	82	82	82	82	82	82	82	82	82	82	82
1912	82	82	82	82	82	82	82	82	82	82	82	82
1913	82	82	82	82	82	82	82	82	82	82	82	82
1914	82	82	82	82	82	82	82	82	82	82	82	82
1915	82	82	82	82	82	82	82	82	82	82	82	82
1916	82	82	82	82	82	82	82	82	82	82	82	82
1917	82	82	82	82	82	82	82	82	82	82	82	82
1918	82	82	82	82	82	82	82	82	82	82	82	82
1919	82	82	82	82	82	82	82	82	82	82	82	82
1920	82	82	82	82	82	82	82	82	82	82	82	82
1921	82	82	82	82	82	82	82	82	82	82	82	82
1922	82	82	82	82	82	82	82	82	82	82	82	82
1923	82	82	82	82	82	82	82	82	82	82	82	82
1924	82	82	82	82	82	82	82	82	82	82	82	82
1925	82	82	82	82	82	82	82	82	82	82	82	82
1926	82	82	82	82	82	82	82	82	82	82	82	82
1927	82	82	82	82	82	82	82	82	82	82	82	82
1928	82	82	82	82	82	82	82	82	82	82	82	82
1929	82	82	82	82	82	82	82	82	82	82	82	82
1930	82	82	82	82	82	82	82	82	82	82	82	82
1931	82	82	82	82	82	82	82	82	82	82	82	82
1932	82	82	82	82	82	82	82	82	82	82	82	82
1933	82	82	82	82	82	82	82	82	82	82	82	82
1934	82	82	82	82	82	82	82	82	82	82	82	82
1935	82	82	82	82	82	82	82	82	82	82	82	82
1936	82	82	82	82	82	82	82	82	82	82	82	82
1937	82	82	82	82	82	82	82	82	82	82	82	82
1938	82	82	82	82	82	82	82	82	82	82	82	82
1939	82	82	82	82	82	82	82	82	82	82	82	82
1940	82	82	82	82	82	82	82	82	82	82	82	82
平均	82	82	82	82	82	82	82	82	82	82	82	82

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

RESTRICTED

Port Arthur

Average wind velocity

Maximum wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1914	5.5	4.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
15	4.8	5.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
16	4.8	4.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
17	4.8	4.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
18	4.8	4.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
19	4.7	5.0	4.7	4.4	4.5	4.7	4.9	4.7	4.8	4.6	4.5	4.5	4.5
20	5.0	5.4	5.4	5.5	5.0	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
21	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
22	4.0	5.3	4.4	4.1	3.8	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
23	5.3	4.8	5.8	4.8	5.3	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8
24	5.0	4.1	5.8	4.4	5.8	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6
25	5.4	5.3	5.4	4.3	5.5	5.3	5.4	5.1	5.0	5.0	5.0	5.0	5.0
26	5.7	5.3	5.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
27	4.1	5.4	5.5	4.4	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
28	5.5	5.0	5.5	5.4	4.0	4.3	4.8	4.3	4.3	4.3	4.3	4.3	4.3
29	4.3	5.8	5.0	4.5	5.8	5.5	5.1	5.0	5.0	5.0	5.0	5.0	5.0
30	5.7	5.6	4.3	4.4	4.4	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7
31	4.1	5.5	5.5	5.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
32	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
33	5.1	5.1	5.3	5.0	4.3	5.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3
34	4.8	5.4	4.0	5.0	5.1	5.5	4.3	4.0	4.0	4.0	4.0	4.0	4.0
35	5.5	5.0	5.5	5.8	5.7	5.3	4.4	4.7	4.4	4.4	4.4	4.4	4.4
36	5.6	4.0	5.4	5.0	5.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
37	4.0	5.0	5.0	4.0	4.1	5.1	4.7	4.0	4.0	4.0	4.0	4.0	4.0
38	5.7	5.4	4.0	4.3	4.6	5.1	5.1	4.0	4.0	4.0	4.0	4.0	4.0
39	5.7	5.3	4.3	4.3	4.3	4.8	4.1	5.8	5.7	5.7	5.7	5.7	5.7
40	4.4	5.0	4.3	5.8	5.7	4.0	5.1	5.4	5.6	5.6	5.6	5.6	5.6
最大風速	10.0	10.8	14.0	15.0	9.8	5.0	8.0	9.7	11.0	10.1	11.1	11.6	10.8
5	18.1	10.8	11.8	13.4	12.0	8.5	8.0	7.4	9.0	8.4	11.1	10.4	10.8
10	11.6	10.0	11.0	10.4	8.4	7.9	9.9	8.3	9.5	7.9	10.6	11.4	10.8
15	13.8	11.8	11.6	13.3	9.3	11.7	7.3	8.7	10.0	11.5	10.4	11.6	10.8
20	21.5	16.6	14.1	18.3	14.3	15.3	15.4	10.0	14.8	14.3	18.0	18.0	18.0
25	17.4	15.5	15.4	21.7	18.4	18.0	16.4	15.0	11.0	14.8	15.6	15.0	15.7
30	17.3	19.7	24.4	18.0	22.7	14.0	18.8	18.8	16.0	17.8	14.0	16.0	16.8
35	14.8	18.0	14.8	18.0	22.5	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
40	14.5	18.7	18.1	17.0	14.0	12.0	10.8	9.7	10.0	11.8	12.8	12.0	12.0
45	13.8	17.8	21.0	14.0	14.8	11.8	17.0	10.8	11.7	12.0	14.1	14.1	17.0
50	15.0	14.8	14.0	17.0	15.4	14.8	15.4	10.7	14.8	15.0	15.0	17.0	17.0
55	12.4	12.8	14.8	14.8	12.0	11.0	11.4	10.0	12.7	12.8	11.8	12.7	12.7
60	12.8	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
65	10.7	11.4	12.0	14.8	15.4	11.4	8.4	8.1	10.4	15.3	17.1	15.0	15.0
70	13.4	18.3	11.7	11.8	9.7	11.8	7.8	9.4	10.3	10.7	17.4	15.0	17.4
75	18.1	15.8	12.0	14.4	16.5	10.0	7.1	15.8	10.8	11.8	14.0	14.0	14.0
80	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
85	10.7	17.4	12.4	14.0	14.0	10.4	9.0	11.8	10.4	10.7	15.0	15.1	15.1
90	11.8	15.0	14.0	12.1	12.1	7.8	15.3	7.8	9.8	12.7	15.3	15.3	15.3
95	14.5	12.1	12.8	14.1	9.8	10.1	6.9	7.7	8.8	17.3	12.1	15.4	15.4
100	12.7	12.3	14.6	14.6	11.8	10.0	12.0	7.3	10.0	14.0	14.0	14.0	14.0
105	12.8	11.1	14.0	12.8	13.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
110	12.7	12.7	10.0	12.0	14.0	7.8	14.4	8.5	10.3	12.8	12.8	12.8	12.8
115	12.1	14.8	11.0	15.4	12.0	11.0	8.4	10.0	11.3	12.3	12.8	12.8	12.8
120	14.4	11.8	15.1	14.0	12.4	12.4	10.1	11.0	12.8	15.4	17.0	17.0	17.0
125	15.0	12.1	12.4	12.7	12.1	9.0	10.0	11.0	12.0	14.0	14.0	14.0	14.0
130	12.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
135	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
140	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Port Arthur

STAT

Maximum wind velocity

Rainfall

Maximum rainfall per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1935	11.0	10.8	11.7	25.0	15.8	9.9	8.2	7.4	12.0	11.3	14.7	12.8	124.8
7	2.0	0.9	0.4	20.3	12.7	5.1	10.8	8.4	6.8	15.0	13.4	5.8	124.8
8	9.9	3.8	0.3	4.6	62.9	31.3	112.7	81.7	72.8	28.1	5.7	0.0	494.7
9	5.7	0.6	3.1	8.1	13.0	18.2	27.8	145.3	69.2	34.1	12.8	5.3	374.8
10	3.8	0.0	4.3	0.8	18.7	20.5	8.7	20.3	15.5	14.1	14.3	14.7	204.8
11	10.2	5.4	22.0	22.0	2.5	16.1	202.4	148.1	124.4	18.7	51.7	10.9	739.3
12	0.6	24.1	4.8	12.3	75.1	26.3	215.9	179.4	46.2	27.3	2.6	15.1	1000.0
13	12.0	0.4	4.8	18.6	7.8	22.0	107.1	125.4	22.8	45.5	8.3	4.5	448.2
14	15.0	9.3	74.5	0.0	17.8	27.5	118.6	185.5	35.4	44.7	102.8	1.5	991.5
15	30.0	14.4	8.4	19.9	28.0	72.4	227.1	4.2	8.2	16.8	7.4	1.7	454.9
16	23.6	10.7	3.7	84.0	40.1	64.6	47.3	94.4	59.6	12.5	15.6	20.2	416.1
17	2.0	3.8	0.8	2.2	29.6	18.0	235.2	248.1	194.5	11.6	28.9	19.6	790.2
18	0.0	1.1	66.1	4.7	28.3	52.2	127.9	189.8	80.8	17.0	54.1	2.1	621.1
19	15.3	—	0.6	24.4	6.1	18.5	33.8	84.3	94.4	25.3	20.2	14.0	374.7
20	7.9	18.9	2.5	18.4	4.5	31.3	251.3	139.8	205.6	26.8	27.6	2.7	751.3
21	3.7	16.5	10.1	26.0	28.3	68.6	60.4	255.1	82.8	5.0	6.3	12.5	628.2
22	12.1	7.3	5.1	22.2	28.1	12.6	103.3	100.4	251.5	23.9	49.9	10.2	641.8
23	10.8	0.3	47.1	58.3	10.6	20.3	218.4	118.4	39.8	53.9	21.7	22.4	724.3
24	7.1	11.0	14.3	31.1	37.0	22.0	166.2	11.3	24.3	19.7	12.3	12.1	284.9
25	0.4	1.1	17.5	51.0	33.6	27.9	17.8	200.7	118.0	6.1	12.1	22.8	524.0
26	13.3	11.6	6.5	19.6	51.5	19.0	207.6	272.2	106.1	47.9	38.1	37.5	829.8
27	23.2	1.3	35.3	10.1	25.3	22.8	159.3	28.3	15.1	37.3	7.4	35.1	257.5
28	35.9	2.1	17.2	18.4	24.5	49.0	122.0	116.2	57.8	10.4	0.1	21.7	616.3
29	9.4	3.1	3.0	21.6	22.3	12.7	82.3	102.2	18.6	12.7	34.6	19.2	409.7
30	3.2	9.8	29.6	29.0	8.5	30.0	242.8	57.2	58.4	29.9	36.6	3.0	1220.0
31	12.4	2.4	8.9	7.4	49.9	22.7	77.4	121.1	22.1	3.4	59.0	10.5	280.4
32	0.0	0.6	3.8	25.9	115.7	31.5	208.8	22.7	61.5	27.4	9.0	3.7	624.4
33	0.0	1.0	18.8	27.1	30.9	27.6	207.4	74.7	22.8	4.3	5.5	20.4	408.2
34	4.4	9.3	25.9	14.3	16.5	130.9	146.1	152.8	127.5	11.5	26.8	7.4	710.2
35	11.4	0.8	0.2	0.0	35.9	24.9	191.3	29.8	57.1	22.0	59.8	7.2	228.4
36	3.5	8.6	7.3	35.4	74.5	20.9	217.3	44.9	59.5	0.0	24.5	59.0	437.6
37	2.1	2.0	2.9	53.5	12.8	29.7	27.9	120.1	104.0	55.6	11.4	5.4	332.3
38	12.4	6.3	2.7	22.1	108.1	16.3	81.7	20.1	8.1	35.0	7.5	22.7	411.2
39	7.0	6.7	8.3	8.3	20.1	4.4	24.5	162.9	117.1	55.1	35.3	6.7	475.3
40	2.7	5.9	6.2	33.8	9.2	14.4	105.7	225.0	1.3	16.5	31.2	31.7	425.4
1906	2.0	21.3	1.3	9.9	20.9	8.0	24.2	27.9	11.6	1.8	7.0	9.0	24.0
7	1.3	0.8	0.7	14.0	26.1	33.0	21.5	45.0	12.5	8.0	10.6	2.0	29.1
8	3.5	2.5	0.2	4.9	35.1	17.3	42.0	31.3	37.9	2.7	2.1	0.0	291.5
9	1.0	0.0	2.9	3.2	2.0	8.8	22.6	200.5	43.0	22.5	4.5	2.9	100.5
10	1.6	0.0	9.1	0.5	12.7	43.0	21.3	12.9	9.5	15.2	22.1	1.7	260.0
11	14.6	4.8	14.3	9.7	1.4	2.0	29.3	25.2	22.2	7.3	29.1	1.0	29.2
12	0.4	14.4	3.3	3.9	29.2	27.7	42.5	126.2	22.4	7.3	1.4	7.5	124.6
13	6.2	0.4	3.7	47.8	3.9	17.4	79.2	102.9	22.3	29.2	2.3	4.3	129.6
14	2.8	3.7	21.1	0.0	12.9	43.8	37.7	34.2	128.1	12.0	10.0	2.2	172.2
15	10.5	3.6	6.7	14.4	17.1	29.0	11.9	2.2	4.9	7.0	7.2	0.2	41.9
16	0.5	2.0	2.8	8.5	11.1	62.1	22.4	27.3	22.9	11.1	11.3	7.2	26.2
17	0.2	3.8	0.6	1.4	12.1	11.5	22.2	27.3	22.9	1.5	9.2	3.2	202.2
18	0.2	1.0	22.8	3.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	77.7
19	2.2	—	0.2	12.1	22.2	11.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2
20	3.9	11.5	1.2	12.1	22.2	11.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2
21	1.4	14.6	3.1	12.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
22	2.2	2.2	2.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

Port Arthur

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1933	4.2	0.1	18.8	16.8	5.3	22.5	138.0	38.5	33.4	25.1	6.8	13.3	128.0
34	3.8	0.8	11.7	14.0	12.1	23.4	37.9	22.2	3.3	9.9	8.8	4.5	37.8
35	0.4	1.1	9.0	22.2	21.7	24.8	7.3	65.7	24.8	4.9	4.9	5.8	174.0
36	7.6	6.3	3.7	9.3	32.0	14.3	125.8	79.4	67.3	13.8	25.3	10.8	125.8
37	9.0	1.0	15.3	3.6	9.0	14.9	59.3	23.6	12.0	18.8	4.5	14.1	59.3
38	19.0	1.7	11.3	13.4	13.7	18.2	92.7	55.1	24.8	6.6	17.4	12.6	92.7
39	5.5	2.9	1.9	17.4	14.0	10.3	22.0	22.9	6.2	9.3	21.8	19.5	32.0
30	2.0	7.1	12.3	17.5	2.8	14.1	147.5	31.6	35.1	20.4	23.9	1.7	147.5
31	6.7	1.2	4.7	3.0	18.2	40.3	40.0	56.9	29.4	2.1	27.2	5.2	56.9
32	6.2	3.7	12.0	43.1	18.7	100.5	11.6	12.7	9.3	7.1	3.1	100.5	
33	4.0	0.8	7.4	20.1	19.1	35.4	77.9	31.3	27.6	2.0	3.5	8.4	77.9
34	2.9	0.7	6.8	6.3	12.1	47.9	77.8	39.4	22.9	5.5	28.8	3.0	77.8
35	4.4	0.5	0.3	0.0	23.6	19.3	44.1	13.7	22.1	60.9	21.7	2.3	60.9
36	1.6	2.7	5.3	19.2	60.0	2.8	103.2	12.7	29.3	0.0	11.7	54.8	103.2
37	4.8	4.8	1.7	27.7	9.5	18.8	31.5	59.1	39.5	35.1	5.9	3.3	59.1
38	7.7	6.2	4.6	15.1	41.9	12.2	32.0	20.6	2.6	15.2	2.9	6.1	41.9
39	1.7	6.5	8.3	3.2	15.0	2.1	22.4	11.0	59.1	33.5	24.3	6.7	59.1
40	0.9	3.9	4.5	25.8	7.5	10.4	37.1	155.5	1.2	15.8	18.7	22.5	155.5
日照時數	168.2	174.4	218.3	268.4	222.3	193.9	184.2	239.8	226.1	230.4	180.7	162.0	2201.0
7	180.1	218.4	226.0	265.4	264.0	205.3	186.3	207.4	243.7	231.5	180.6	173.2	2121.7
8	152.5	209.7	239.9	236.7	271.1	228.5	186.8	250.3	219.8	206.0	219.5	230.8	2049.4
9	188.1	212.6	219.4	221.2	214.7	251.8	245.8	244.6	216.7	242.0	197.9	180.7	2194.4
10	182.0	243.7	247.6	229.1	300.3	267.5	228.7	235.4	231.8	242.0	161.0	193.5	2132.0
11	193.5	206.7	198.6	219.4	295.9	300.2	187.4	216.1	212.6	234.5	164.1	144.8	2543.1
12	208.0	160.2	194.1	261.7	263.2	235.9	256.4	211.7	220.0	179.4	150.6	134.9	2104.1
13	151.1	232.5	276.2	228.1	204.6	220.3	205.0	205.9	276.1	259.4	199.2	191.5	2222.9
14	214.7	177.5	212.6	258.2	311.5	268.7	229.3	199.1	181.6	211.5	155.1	201.3	2222.9
15	129.5	152.8	231.6	242.9	212.8	257.8	197.0	291.2	291.9	225.0	177.6	131.7	2127.2
16	172.5	210.0	270.1	220.5	271.6	252.2	277.2	245.9	226.9	237.2	164.5	130.2	2222.9
17	191.3	232.6	277.5	273.2	275.8	277.5	181.3	172.7	178.1	253.0	161.4	130.2	2222.9
18	228.5	208.5	228.6	222.0	217.1	228.5	271.1	262.2	237.3	224.2	121.7	106.4	2222.9
19	172.2	229.2	271.4	269.1	227.1	232.0	277.8	201.4	235.1	234.4	121.5	162.7	2222.9
20	214.2	195.1	230.2	302.7	272.0	275.1	251.5	274.4	178.2	257.7	166.9	150.5	2222.9
21	200.1	208.0	219.0	205.4	249.7	224.6	203.0	193.3	232.4	249.5	122.3	162.4	2222.9
22	179.5	172.7	230.8	251.6	242.9	261.2	227.2	224.8	200.0	257.2	150.3	190.7	2222.9
23	193.9	221.5	212.6	220.2	226.0	201.0	226.9	221.5	217.7	251.4	172.6	169.9	2222.9
24	219.8	233.4	274.6	272.2	218.2	232.0	225.1	200.2	222.1	222.4	122.3	127.2	2222.9
25	223.3	222.5	265.0	228.1	254.1	273.0	243.3	279.5	222.2	272.7	212.2	162.2	2222.9
26	223.0	212.7	304.3	307.0	242.6	339.0	265.4	253.6	222.3	220.1	177.6	150.9	2222.9
27	171.6	209.2	210.9	270.2	202.8	275.2	232.4	227.2	202.6	212.0	207.2	157.2	2222.9
28	171.6	195.6	212.6	252.2	202.9	227.2	227.2	227.2	227.2	227.2	227.2	227.2	2222.9
29	202.8	207.5	262.7	251.1	304.3	309.1	234.4	245.3	202.4	222.2	212.2	112.2	2222.9
30	219.9	199.7	232.6	210.0	309.7	319.3	191.3	244.1	272.2	224.3	172.5	122.2	2222.9
31	181.0	182.2	273.9	252.1	225.6	239.2	202.1	271.3	252.4	124.5	152.5	2222.9	
32	211.2	217.2	261.2	252.4	222.1	204.7	231.0	222.2	222.2	222.2	222.2	172.1	2222.9
33	202.2	190.1	212.6	275.2	212.1	220.2	272.2	222.2	222.2	222.2	222.2	122.2	2222.9
34	212.2	212.4	243.0	274.0	302.2	222.7	212.2	222.2	222.2	222.2	222.2	122.2	2222.9
35	197.3	227.4	222.2	311.2	241.4	222.2	222.2	222.2	222.2	222.2	222.2	122.2	2222.9
36	227.4	192.5	222.2	270.2	312.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.9
37	177.7	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.9
38	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.9
39	210.2	212.4	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.9
40	202.4	202.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.9
日照率 (%)	16	18	24	28	21	23	20	26	22	23	18	16	22
7	18	23	27	28	26	22	20	22	22	22	18	16	22
8	16	22	27	28	26	22	20	22	22	22	18	16	22

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute, February 1942

STAT

STAT

180

RESTRICTED

Port Arthur

Percentage of insolation capacity

Evaporative Capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	61	78	59	66	78	57	56	58	58	70	66	62	63
10	60	81	67	58	68	60	51	56	68	70	54	58	60
11	34	69	54	55	67	60	49	51	57	68	55	50	57
12	49	51	53	60	60	53	57	59	67	61	59	48	58
13	50	77	75	60	69	50	45	63	75	75	66	65	64
14	71	59	63	65	75	67	51	47	40	61	51	60	61
15	43	61	63	61	59	58	44	60	78	65	59	45	58
16	37	67	73	80	61	37	60	58	61	69	55	48	61
17	63	77	75	69	63	69	40	41	48	73	54	45	58
18	76	69	65	61	49	51	61	69	68	51	57	57	61
19	57	76	73	68	58	54	61	71	63	68	60	57	63
20	71	63	69	76	63	69	69	56	65	47	75	56	61
21	66	69	59	58	58	49	49	46	63	72	61	57	61
22	59	57	69	64	55	59	64	53	54	75	50	51	60
23	64	74	60	66	74	68	50	53	69	73	59	57	64
24	73	75	74	70	77	75	50	81	78	76	61	64	72
25	75	74	73	73	73	58	61	55	66	79	81	70	58
26	74	71	84	78	55	75	59	60	60	67	69	51	64
27	57	69	57	68	70	62	53	71	81	61	67	54	64
28	57	63	63	73	70	62	62	68	74	74	57	58	65
29	66	69	73	64	69	70	51	58	81	75	72	40	66
30	73	66	65	63	70	72	49	58	75	74	57	68	63
31	80	60	74	65	69	54	64	49	73	55	55	60	65
32	70	70	71	64	65	69	51	61	72	75	73	61	66
33	66	66	64	70	71	65	61	66	67	68	65	49	65
34	71	73	66	69	69	64	56	48	72	72	65	54	65
35	65	75	77	78	77	74	43	68	84	75	54	55	70
36	75	69	81	68	73	64	63	64	60	73	65	70	64
37	59	68	60	68	72	71	60	49	61	69	69	62	64
38	73	75	66	78	50	64	57	70	66	68	72	47	65
39	70	71	69	72	68	66	67	57	66	70	62	65	66
40	67	67	79	76	70	68	52	44	74	81	64	60	66
最高量 1905	56.8	51.5	113.6	191.7	214.2	164.8	158.8	201.6	207.9	150.1	96.4	61.0	1670.0
7	49.0	59.1	100.1	158.9	190.8	214.2	147.8	153.4	186.8	130.1	84.5	68.6	1509.7
8	46.0	55.8	98.8	146.8	203.0	190.3	146.5	180.9	146.1	126.8	89.0	86.5	1516.5
9	59.9	62.9	113.2	174.8	210.7	187.3	137.5	184.9	187.3	128.9	122.9	81.8	1662.2
10	63.3	61.8	118.0	184.3	210.0	200.5	159.7	182.9	200.5	141.8	106.8	79.5	1796.1
11	65.3	60.3	97.6	189.6	231.5	222.9	158.0	185.1	189.5	126.4	86.9	69.9	1713.2
12	80.5	65.4	105.5	233.9	263.7	262.3	181.3	142.8	153.3	107.5	73.7	50.7	1757.4
13	54.8	57.7	107.5	168.4	225.5	162.3	169.1	173.8	188.4	149.1	96.1	56.5	1586.7
14	55.0	56.0	94.9	186.3	227.8	228.1	172.7	149.9	187.6	120.1	82.3	61.5	1512.9
15	35.5	43.4	94.2	160.9	200.7	189.6	171.1	210.3	206.7	127.0	94.7	67.7	1604.2
16	49.1	48.0	98.1	140.9	213.4	203.9	205.1	184.0	157.9	122.4	76.2	47.1	1566.0
17	44.7	38.5	113.3	177.8	220.1	213.9	166.0	171.1	126.6	133.9	74.8	49.4	1546.3
18	59.7	64.5	104.0	155.6	159.7	174.8	177.9	184.8	154.7	122.7	74.4	49.5	1492.7
19	38.3	47.1	107.7	151.3	174.9	179.9	211.1	182.8	152.8	137.8	74.4	61.0	1312.8
20	34.8	35.5	81.6	178.1	226.6	211.2	179.1	188.8	129.8	129.7	73.9	54.5	1337.1
21	51.4	61.4	94.5	149.6	180.0	177.4	152.7	129.9	129.0	127.9	81.0	54.7	1422.2
22	49.9	47.7	104.4	177.2	173.9	214.1	228.3	128.1	117.9	121.3	87.8	39.8	1422.2
23	48.7	51.8	78.3	156.1	212.4	195.1	159.1	129.1	129.1	126.3	71.8	38.9	1412.2
24	53.1	51.0	98.3	143.9	211.4	211.1	158.1	200.0	129.1	122.6	72.4	32.0	1397.1
25	54.8	59.1	98.4	182.7	181.7	164.4	149.1	133.1	129.5	122.4	67.9	31.7	1414.4
26	51.9	51.5	112.0	184.0	164.5	202.8	162.1	124.1	122.7	127.9	62.4	30.9	1322.3
27	39.3	44.1	59.4	129.6	200.0	126.4	161.4	124.1	122.9	127.9	62.4	30.9	1322.3
28	39.8	42.4	58.8	129.6	200.0	126.4	161.4	124.1	122.9	127.9	62.4	30.9	1322.3
29	44.0	57.9	61.0	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2
30	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Port Arthur

Evaporative capacity

Maximum evaporative capacity per day

Minimum earth temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1931	47.8	48.8	109.3	160.0	181.5	190.4	192.4	168.3	137.7	136.5	78.4	51.3	1394.8
32	49.5	51.1	105.7	148.7	181.1	191.7	165.2	137.1	135.5	85.1	57.6	49.6	1409.8
33	56.3	58.1	84.3	145.8	198.9	187.1	176.8	151.5	138.1	126.7	82.1	53.9	1428.8
34	51.0	55.1	95.8	143.9	207.4	174.1	164.8	131.7	107.8	116.8	85.4	52.1	1397.8
35	55.7	64.9	117.1	187.5	246.3	198.6	183.9	158.1	134.4	124.8	82.2	48.8	1375.1
36	48.9	46.0	83.9	137.4	177.9	182.6	184.9	148.1	143.5	140.8	92.8	60.7	1406.8
37	48.3	71.8	95.1	183.1	245.4	195.5	184.1	151.9	132.8	113.6	89.9	71.8	1505.4
38	56.9	62.4	118.3	202.8	158.4	181.3	168.2	134.4	125.8	108.7	101.8	54.8	1334.4
40	54.5	70.1	121.9	191.1	235.5	207.3	158.3	118.3	126.8	128.2	89.1	71.8	1474.7
最大日量	3.0	4.0	7.5	13.0	18.1	9.0	9.3	15.4	14.1	9.5	8.4	3.7	15.4
7	3.6	3.4	7.7	8.4	13.8	15.0	9.4	9.3	13.5	9.8	6.9	3.8	15.0
8	3.0	4.3	8.1	8.5	15.3	15.9	7.4	10.0	9.0	7.7	6.7	5.1	15.9
9	3.4	4.6	6.3	14.0	13.1	11.1	6.9	10.3	13.7	12.2	8.6	5.8	14.0
10	4.2	5.8	7.2	13.2	18.2	15.4	8.8	8.2	11.7	7.8	6.4	4.4	18.2
11	4.5	4.5	6.1	12.8	12.9	12.5	10.3	9.4	11.9	12.7	8.3	5.1	12.9
12	3.7	5.1	10.2	12.6	13.1	14.4	9.6	7.7	7.0	5.8	4.3	3.6	12.6
13	1.9	2.8	7.9	7.7	10.7	10.8	9.7	10.9	9.8	8.3	5.7	3.8	10.8
14	2.8	4.5	5.0	10.0	12.9	11.0	9.3	7.8	7.5	6.6	3.8	3.3	12.9
15	2.7	3.3	6.3	8.5	11.4	10.3	10.8	9.7	9.3	7.0	5.6	4.3	11.4
16	2.8	2.8	7.9	8.9	11.1	11.6	12.8	9.2	8.6	5.5	4.4	3.6	12.8
17	2.3	3.8	7.0	9.6	12.7	12.7	12.4	10.9	8.8	5.5	4.4	3.6	12.7
18	3.0	3.8	6.3	9.0	9.6	7.7	10.2	7.3	6.9	6.5	4.0	3.0	10.2
19	2.2	3.1	6.8	8.6	8.5	9.8	10.1	11.5	10.3	9.4	5.1	3.8	11.5
20	2.9	2.3	4.8	10.0	12.0	10.7	9.7	9.7	9.3	6.9	3.8	3.6	12.0
21	3.0	5.2	5.5	11.4	10.2	6.6	9.0	8.1	7.4	6.0	6.1	3.5	11.4
22	2.5	2.7	6.5	9.2	10.0	11.4	13.0	7.8	7.6	7.2	5.2	3.5	13.0
23	2.4	2.9	4.1	8.0	12.2	11.5	9.3	7.2	2.8	2.7	3.3	2.8	12.2
24	2.2	2.5	4.6	7.7	11.2	12.6	7.1	6.8	8.2	8.8	5.7	2.9	12.6
25	2.8	3.2	5.2	8.9	9.6	11.3	9.8	7.6	7.4	6.8	3.8	3.0	11.3
26	2.5	3.0	5.4	10.2	10.4	10.0	10.7	7.3	6.2	3.8	3.9	2.8	10.0
27	2.7	2.5	4.4	8.3	9.5	11.0	9.6	8.8	7.5	8.0	6.2	4.0	11.0
28	1.9	3.3	6.0	9.5	11.8	9.8	9.3	7.6	8.6	3.8	3.2	2.7	11.8
29	2.8	3.3	8.2	12.7	11.4	12.5	8.7	7.7	10.0	5.9	6.6	2.2	12.7
30	1.9	2.5	5.9	11.7	12.3	10.7	8.2	6.8	8.0	7.9	7.7	4.5	12.3
31	2.6	3.2	6.5	7.2	11.6	8.8	7.8	6.7	8.7	6.4	4.4	3.2	11.6
32	5.0	3.8	6.9	11.4	9.8	9.4	7.4	9.0	7.8	6.7	7.0	4.5	11.4
33	4.0	2.9	5.4	8.4	11.2	8.2	8.2	7.1	7.1	7.5	4.9	3.2	11.2
34	2.7	3.6	4.9	8.3	11.2	8.5	7.8	6.7	7.5	5.5	5.1	2.8	11.2
35	3.0	3.3	6.1	8.7	12.5	10.2	6.9	7.6	9.4	7.6	3.8	3.1	12.5
36	2.4	2.1	4.6	8.1	9.5	9.0	9.0	7.7	6.8	11.0	5.3	2.1	9.5
37	3.3	3.7	5.3	10.9	12.2	10.7	7.8	7.3	6.9	7.1	4.2	3.4	12.2
38	3.8	3.6	6.7	12.3	11.0	10.3	7.2	8.4	11.4	12.0	6.2	3.7	12.3
40	3.2	5.3	7.2	12.1	15.7	15.4	9.2	6.7	11.5	12.2	4.7	3.2	15.7
最低地温	-19.6	-16.4	-10.2	-3.8	0.9	3.7	14.0	16.0	6.7	-2.8	-8.5	-16.8	-16.8
11	-19.8	-14.3	-2.4	-3.8	2.2	9.5	13.6	15.0	10.8	0.0	-2.5	-13.3	-16.8
12	-16.8	-9.0	-2.4	-3.4	4.4	10.0	14.3	15.3	4.8	-4.1	-7.2	-12.1	-16.8
13	-19.2	-19.0	-13.2	-4.5	4.9	11.4	13.2	15.3	8.0	0.1	-11.4	-11.4	-16.8
14	-18.4	-15.0	-9.4	-4.8	3.5	9.2	16.4	17.8	8.2	0.6	-11.4	-15.6	-16.4
15	-19.2	-19.2	-11.3	-4.3	1.7	9.0	13.7	14.7	9.2	-1.2	-7.7	-12.2	-19.2
16	-15.2	-13.2	-12.0	-7.0	2.4	7.3	12.0	14.7	12.7	-2.8	-2.5	-12.2	-19.2
17	-19.3	-14.2	-2.4	-2.2	3.2	8.7	12.2	12.2	10.6	1.5	-7.2	-12.2	-19.3
18	-16.2	-12.2	-2.2	-2.1	5.5	8.2	12.2	12.2	7.9	-2.1	-2.2	-12.2	-16.2
19	-14.2	-12.5	-2.5	-2.2	6.1	10.0	12.2	12.2	9.7	-4.4	-10.4	-14.2	-14.2
20	-12.0	-11.2	-2.2	-2.0	3.2	9.0	12.7	12.0	12.0	2.0	-2.0	-14.2	-12.0
21	-13.0	-12.6	-10.0	-1.9	3.1	10.2	12.1	12.1	12.1	2.1	-2.1	-12.1	-13.0
22	-12.0	-12.2	-11.2	-2.2	2.2	10.2	12.2	12.2	12.2	2.2	-2.2	-12.2	-12.0
23	-12.0	-12.2	-12.2	-2.2	2.2	9.2	12.2	12.2	12.2	2.2	-2.2	-12.2	-12.0

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

182

RESTRICTED

Port Arthur

STAT

Minimum earth temperature

Average ground level temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1944	-17.0	-14.4	-12.8	-5.6	3.7	9.4	17.7	15.7	8.2	-4.8	-12.6	-11.8	-19.0
25	-14.5	-14.0	-11.8	-5.0	3.3	9.2	15.8	14.4	8.2	-2.0	-12.8	-12.9	-17.2
26	-18.0	-16.0	-8.2	-1.3	6.0	10.3	14.3	16.7	9.8	-1.6	-8.4	-21.4	-21.4
27	-19.3	-14.8	-11.6	-4.3	3.7	9.0	15.6	15.4	10.3	0.8	-6.3	-16.2	-19.2
28	-17.7	-16.8	-8.5	-3.3	0.3	3.8	11.8	13.8	5.5	-4.4	-10.6	-13.5	-19.8
29	-18.5	-10.0	-11.5	-2.8	8.5	0.0	17.7	14.3	8.0	-1.0	-7.9	-13.8	-18.0
30	-18.8	-14.8	-7.4	-4.3	3.7	8.3	15.8	14.0	5.7	3.3	-7.8	-15.8	-18.8
31	-20.9	-20.6	-12.0	-4.9	2.7	4.8	13.6	13.7	4.8	-4.4	-11.0	-18.8	-20.9
32	-14.8	-10.7	-15.0	-4.6	2.2	9.9	13.4	13.0	10.9	0.7	-6.7	-10.2	-19.7
33	-17.5	-16.4	-10.1	-2.0	3.7	7.1	15.0	14.7	3.4	-1.6	-10.1	-13.5	-17.5
34	-20.1	-12.8	-9.0	-5.8	1.0	8.5	16.2	14.1	6.5	-0.2	-12.3	-2.2	-20.1
35	-14.4	-14.6	-8.3	-3.0	0.0	8.7	13.8	11.0	5.7	0.3	-6.9	-23.4	-23.4
36	-20.3	-18.6	-14.2	-3.5	0.8	7.4	11.9	12.8	7.9	-1.8	-9.3	-14.7	-20.3
37	-20.9	-11.9	-11.0	-5.8	1.9	9.2	14.8	13.3	5.9	-3.5	-8.5	-24.2	-24.2
38	-19.6	-18.2	-11.7	-1.6	2.3	10.3	16.2	13.4	0.2	-1.8	-8.8	-16.2	-19.6
40	-19.1	-21.2	-9.8	-6.0	2.5	7.7	13.5	12.5	3.2	1.2	-7.3	-11.2	-21.2
平均 1909	-3.4	0.7	4.4	12.2	19.4	24.1	25.8	27.0	22.0	15.1	8.0	1.0	13.1
地面温度	-3.5	-2.7	4.7	13.0	20.4	22.5	26.9	28.1	22.9	15.0	4.2	-2.1	12.4
11	-3.6	-1.9	3.4	10.2	19.1	27.0	24.7	26.0	22.1	14.2	6.1	-1.0	12.2
12	-3.4	1.3	4.9	12.4	17.5	24.2	27.3	27.3	21.7	12.4	3.5	-2.0	12.1
13	-4.2	-1.7	5.1	13.0	20.1	22.2	26.6	28.1	23.9	14.8	0.0	-1.1	12.8
14	-1.4	0.7	5.6	13.4	22.2	25.7	28.0	27.0	21.4	16.8	5.1	-0.9	13.6
15	-3.8	-2.4	3.4	11.9	18.2	23.3	26.6	28.9	23.9	16.7	8.1	0.8	12.9
16	-1.4	0.1	3.7	11.3	18.4	25.6	28.5	28.1	21.3	15.7	7.1	-0.5	13.2
17	-4.8	-0.6	7.2	14.3	19.7	27.2	28.2	27.8	21.1	16.0	5.0	-1.5	13.3
18	-3.2	0.5	6.7	14.4	17.7	24.5	28.8	28.9	22.9	16.1	5.1	-1.0	13.5
19	-3.8	1.1	7.3	13.3	19.2	27.2	29.7	30.4	22.0	15.6	6.8	-0.3	14.2
20	-2.5	-2.4	6.7	15.4	24.1	26.6	29.2	29.3	20.5	17.6	7.5	0.0	14.4
21	-1.9	0.4	5.1	12.4	17.4	23.5	26.5	27.4	24.3	17.9	6.1	0.4	13.2
22	-5.3	1.7	7.1	15.9	18.2	20.1	20.4	20.6	21.5	18.7	4.0	-0.8	13.9
23	-4.0	-2.1	5.7	11.0	21.5	25.4	28.1	28.5	25.0	17.9	6.9	1.3	13.8
24	-0.4	-0.3	5.9	13.6	20.8	27.7	27.5	31.0	26.5	16.6	5.6	0.1	14.6
25	-2.0	-0.3	6.3	13.9	19.1	23.9	28.7	27.3	24.7	19.1	9.0	0.6	14.2
26	-1.9	0.5	6.3	15.5	19.3	26.3	28.2	28.4	22.4	14.0	7.9	0.7	14.0
27	0.0	0.5	5.8	13.7	20.1	27.5	29.7	28.5	21.4	18.2	10.6	1.6	14.9
28	-0.4	1.1	7.1	16.7	21.0	27.3	29.7	28.3	23.4	17.3	8.4	1.5	15.1
29	-0.6	0.4	7.6	13.8	19.4	27.7	29.1	27.0	24.0	17.5	8.4	0.6	14.7
30	-1.8	0.8	6.7	12.5	20.8	26.6	27.3	27.5	23.1	17.6	6.4	2.1	14.1
31	-1.2	-0.5	7.9	12.4	18.3	23.2	25.0	26.3	22.6	18.3	9.1	1.9	13.4
32	-1.2	0.6	6.2	11.5	16.8	23.0	26.6	27.1	21.2	14.7	7.8	1.7	13.4
33	-3.9	-0.9	3.8	13.7	20.6	25.7	29.9	28.9	23.9	18.2	7.7	0.7	13.8
34	-4.5	0.7	4.1	12.8	21.4	23.3	26.0	25.5	21.0	14.1	6.3	1.8	12.7
35	-1.1	1.7	8.5	16.3	21.9	25.1	25.7	27.7	23.9	16.5	5.8	-0.7	14.3
36	-3.9	-2.9	1.0	10.0	16.4	23.3	27.8	26.9	22.3	18.3	8.9	1.4	13.1
37	0.0	0.0	4.2	10.3	17.7	24.3	26.7	27.2	21.3	15.4	7.4	0.6	12.9
38	-2.5	0.1	5.6	12.2	16.5	22.7	26.9	28.4	22.3	18.5	7.3	0.6	13.1
39	-2.0	0.7	7.0	13.9	20.0	26.8	31.8	30.1	21.8	14.5	6.0	1.0	14.3
40	-2.6	-0.4	6.0	11.9	20.2	25.5	29.0	23.2	21.8	16.7	7.5	1.7	13.8
地中温度 (0.1m)	-2.1	-1.8	4.0	10.9	17.8	22.7	24.9	26.1	21.7	14.9	6.1	-0.7	12.1
11	-1.6	-1.2	3.2	9.4	16.2	22.5	22.8	24.2	21.1	13.6	4.9	0.8	11.5
12	-1.5	-1.1	4.4	10.6	16.0	22.1	21.4	22.6	20.4	13.8	4.4	0.2	12.1
13	-2.3	-1.4	3.6	11.8	17.3	22.8	24.1	24.0	22.3	15.3	4.0	0.8	12.2
14	-0.2	0.6	5.0	11.9	19.1	23.0	24.2	25.9	21.1	16.6	4.2	0.4	12.9
15	-2.5	-2.2	2.6	10.3	16.6	21.7	24.9	24.8	22.7	14.8	3.8	2.0	12.5
16	-2.2	-0.2	2.2	10.2	16.0	22.0	24.2	24.2	21.0	17.0	3.1	1.6	12.7
17	-2.2	-0.2	2.2	10.2	16.0	22.0	24.2	24.2	21.0	17.0	3.1	1.6	12.7

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

旅 Port Arthur 關

Underground temperature

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1918	-2.4	0.3	5.5	12.0	15.0	22.0	26.6	27.4	22.8	16.5	6.4	0.4	12.8
19	-2.9	1.1	6.8	11.5	18.7	23.3	28.9	27.8	21.4	15.0	7.8	0.8	15.0
20	-1.8	11.9	4.4	12.6	18.5	22.3	26.7	27.8	20.0	18.1	8.0	0.8	12.8
21	-1.4	0.5	3.8	10.0	16.0	22.1	26.5	27.0	21.5	15.1	4.7	0.8	12.0
22	-4.4	0.3	4.3	11.9	16.4	22.8	26.7	26.6	22.7	18.1	5.3	-0.1	12.8
23	-2.8	-1.5	3.3	9.1	18.0	22.3	25.3	26.5	22.8	15.4	6.8	1.0	12.1
24	-0.8	-0.7	2.7	10.7	17.2	23.2	25.0	26.0	23.3	14.8	5.7	-0.3	12.4
25	-2.7	-0.9	2.1	10.3	16.5	21.4	25.5	25.8	22.8	18.7	9.3	0.5	12.3
26	-1.9	-0.1	5.0	11.7	17.1	23.0	25.3	25.1	22.8	13.4	6.8	0.8	12.5
27	-1.5	-1.8	3.1	11.3	16.4	22.2	26.1	26.5	22.9	14.4	8.1	1.0	11.4
28	-1.7	-1.4	3.8	12.2	17.0	22.3	25.9	26.1	21.4	14.4	6.3	0.4	12.2
29	-2.5	-2.6	3.9	10.1	16.3	23.4	26.0	25.9	21.9	15.2	6.2	0.4	12.0
30	-4.7	-3.3	4.5	10.3	17.6	22.6	25.4	26.4	22.9	16.3	7.4	1.6	12.1
31	-0.4	-1.2	4.3	10.1	16.5	21.8	24.3	25.6	22.4	16.2	8.5	1.8	12.3
32	-0.0	-0.5	2.9	9.9	15.0	21.9	24.9	26.8	22.4	14.4	7.1	2.3	12.2
33	-2.3	-1.4	2.4	10.9	17.8	22.6	27.2	25.8	22.8	16.7	8.7	2.4	12.8
34	-2.5	-0.2	3.2	10.0	18.4	21.6	25.1	24.8	21.4	14.5	6.8	2.5	12.0
35	-0.1	1.3	7.0	13.4	18.7	22.5	24.5	25.8	22.8	17.1	6.8	0.1	12.4
36	-3.3	-2.4	1.5	9.8	16.2	22.1	25.5	25.3	21.9	16.2	8.2	1.5	11.9
37	1.1	0.5	5.2	9.6	16.2	21.8	24.9	25.7	21.0	15.1	7.9	1.5	12.5
38	-1.9	-1.0	4.4	11.6	15.2	20.9	25.5	26.5	21.4	16.2	7.7	1.6	12.3
39	-1.8	-0.1	5.7	11.8	17.5	22.7	27.3	27.8	20.5	14.5	7.4	1.7	12.9
40	-1.5	-0.9	4.8	10.4	27.6	22.6	25.4	22.8	21.3	16.5	8.3	2.8	12.5
地中温度 (0.3m) 1910	0.1	-0.6	3.8	9.8	16.1	19.4	23.4	25.2	21.2	16.5	7.8	1.2	12.0
11	-0.4	-0.3	3.3	8.6	15.1	21.2	22.2	23.3	20.9	14.4	8.3	2.6	11.6
12	-0.3	1.5	4.5	10.7	15.7	21.2	24.6	25.5	20.0	14.3	6.7	1.8	12.2
13	-1.1	-0.8	3.6	10.5	16.3	19.9	23.2	23.1	21.1	15.1	9.1	2.1	12.1
14	0.9	1.2	4.9	10.3	18.1	21.9	25.2	25.3	21.0	16.9	7.3	1.5	12.9
15	-1.3	-1.8	2.5	9.4	15.4	20.5	23.8	26.7	22.5	17.2	9.6	4.1	12.4
16	0.8	1.1	3.2	9.0	15.6	20.6	24.8	25.8	21.1	15.9	8.9	2.4	12.4
17	-2.0	-1.6	3.9	10.8	15.5	21.9	24.5	25.3	20.3	14.6	7.0	1.1	12.0
18	-1.9	0.2	4.9	10.9	14.9	20.8	25.2	25.3	22.2	16.2	7.1	1.0	12.3
19	-1.5	1.0	6.4	10.4	15.5	21.8	25.3	26.7	21.0	15.1	8.4	1.5	12.8
20	-0.9	-1.3	3.8	10.9	18.1	21.4	25.9	26.0	20.7	17.0	9.7	5.3	13.0
21	0.5	2.2	4.2	10.0	15.3	20.9	24.0	24.5	21.9	16.1	8.7	3.1	12.8
22	-1.9	1.2	5.1	11.5	15.5	21.5	25.3	25.8	20.9	16.5	7.4	1.1	12.3
23	-1.6	-0.8	3.0	8.1	16.1	20.5	23.8	24.9	21.6	15.4	6.9	1.8	12.3
24	0.3	-0.1	3.0	9.9	15.9	21.7	23.6	24.9	23.1	15.8	7.1	1.3	12.4
25	-1.0	0.0	3.5	9.8	14.9	19.4	23.2	23.7	21.7	17.0	10.4	2.5	12.1
26	-0.3	0.7	4.6	10.7	16.4	22.4	24.9	24.9	22.2	17.1	8.1	1.9	12.7
27	-0.1	-0.1	3.6	10.9	16.4	21.7	25.5	26.1	23.5	16.4	7.6	2.1	12.9
28	0.5	0.6	4.9	12.3	16.9	22.0	25.1	25.7	22.0	16.1	8.3	2.0	13.0
29	-0.9	-1.4	4.2	10.3	15.7	22.4	25.2	25.5	22.1	16.8	8.4	2.4	12.6
30	-2.6	-0.9	5.1	10.2	16.6	21.5	24.0	25.8	22.1	17.3	7.3	3.2	12.5
31	-0.1	-0.4	4.9	10.0	15.8	21.1	23.8	25.3	22.3	17.2	10.0	3.3	12.7
32	1.3	1.2	3.2	9.0	15.8	20.4	23.6	23.6	21.6	14.5	7.8	2.9	12.9
33	-1.5	-0.8	2.2	9.7	16.2	20.6	23.4	24.4	21.8	14.9	8.2	3.1	12.2
34	-2.3	0.4	3.1	9.0	16.5	20.9	24.4	24.3	21.4	15.5	8.4	3.7	12.1
35	1.4	2.7	7.8	13.3	18.4	22.0	24.0	24.4	23.5	18.0	8.6	1.8	14.0
36	-1.6	-1.0	2.4	9.7	15.7	21.2	24.4	24.4	21.9	14.9	9.7	2.9	12.2
37	1.2	1.0	4.1	9.3	15.4	20.9	24.1	23.5	21.0	14.6	8.7	2.1	12.2
38	-0.2	-0.5	4.4	11.3	14.8	20.3	24.8	26.0	21.5	14.7	8.8	2.1	12.2
39	-0.4	0.9	5.9	11.4	17.1	21.9	24.5	27.3	22.8	15.1	8.3	2.8	12.1
40	-0.1	-0.3	4.9	10.3	14.9	21.7	24.9	25.9	21.5	14.9	9.2	3.9	12.7
地中温度 (0.3m) 1910	1.2	0.0	4.0	9.4	15.4	18.1	22.1	24.6	21.1	14.9	9.0	2.8	12.1
11	0.7	0.5	3.8	8.3	14.4	20.4	21.8	22.8	20.0	15.4	8.4	2.8	11.8
12	1.0	1.2	4.7	10.7	14.8	20.1	23.7	24.0	22.2	15.4	8.2	3.4	12.2

RESTRICTED 15

STAT

STAT

134

RESTRICTED

Port Arthur

Underground temperature

Number of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1913	0.6	0.2	3.9	10.3	15.7	19.3	24.5	24.7	22.8	18.2	10.7	3.9	12.6
14	2.4	2.3	3.4	10.3	17.7	21.4	26.7	25.4	21.3	17.7	9.0	3.3	13.4
15	0.5	-0.3	3.3	9.3	15.0	20.0	23.4	23.4	20.7	15.0	11.3	5.9	13.9
16	3.8	3.8	4.1	9.3	15.0	20.0	23.4	23.4	20.7	15.0	11.3	5.9	13.4
17	1.3	0.7	3.3	12.1	15.0	21.1	23.9	23.3	21.4	17.0	9.7	4.0	13.1
18	1.0	2.0	6.0	11.3	15.3	20.3	24.5	24.0	21.1	17.5	9.8	3.9	13.4
19	1.3	1.9	7.1	10.7	14.4	21.1	25.3	25.3	22.7	17.4	11.4	4.7	13.8
20	1.7	1.0	5.3	11.9	14.4	21.4	25.0	27.1	21.7	18.0	11.7	5.3	14.1
21	-0.1	2.3	3.4	10.6	15.5	20.9	23.9	24.6	22.7	17.6	10.3	5.1	13.1
22	0.6	2.3	5.9	11.6	15.0	21.0	24.7	25.0	21.6	17.7	9.7	3.6	13.3
23	1.3	1.0	4.3	9.3	14.5	20.6	23.6	24.9	22.4	17.0	9.7	4.0	13.0
24	2.1	1.4	4.1	10.5	14.1	21.6	23.4	24.8	23.8	17.4	9.5	3.6	13.4
25	1.3	1.7	4.7	9.9	14.4	21.4	23.4	23.9	22.3	18.3	12.3	4.5	13.1
26	1.6	1.8	5.9	11.3	14.3	21.9	24.3	24.9	22.0	18.3	10.0	3.6	13.3
27	1.6	1.0	4.1	10.8	13.9	21.1	24.4	23.9	23.8	17.6	10.3	5.3	13.7
28	2.2	1.7	5.1	11.7	14.1	20.8	23.7	24.8	21.7	16.6	10.5	6.3	13.4
29	1.6	0.5	5.0	10.6	13.6	21.9	24.5	25.5	22.8	18.3	10.9	4.4	13.5
30	-0.2	0.8	5.9	10.6	13.5	21.4	23.9	25.9	23.0	18.8	9.7	5.0	13.4
31	1.8	1.1	5.5	10.1	13.4	20.3	23.8	24.8	22.7	19.0	11.9	5.3	13.5
32	3.1	2.7	4.8	10.1	14.4	20.7	23.9	25.8	23.1	17.0	11.1	6.3	13.6
33	1.9	1.6	4.0	10.7	17.0	21.4	24.0	24.9	23.3	20.1	13.5	7.6	14.3
34	2.7	3.8	3.6	10.4	17.4	20.5	23.5	24.0	21.8	18.9	10.3	5.5	13.5
35	1.0	3.2	3.2	12.4	14.8	21.4	23.4	23.8	24.1	19.4	10.7	3.9	14.3
36	1.0	0.5	3.6	10.1	15.6	20.9	24.3	24.9	23.5	17.8	10.9	4.0	13.0
37	2.5	1.5	4.4	9.4	15.3	20.6	23.9	25.3	21.1	18.0	9.7	3.6	12.8
38	0.1	0.0	2.6	11.3	14.9	19.9	24.3	23.4	21.6	17.2	10.0	4.4	12.8
39	0.7	1.6	4.3	11.3	14.6	21.3	25.6	26.7	20.9	15.6	9.3	3.6	13.3
40	0.8	0.0	4.9	10.3	14.4	21.0	24.5	23.7	21.3	17.1	10.1	4.7	12.8
降水日数 1906	7	3	5	6	4	3	9	12	4	7	7	6	73
7	4	3	5	5	7	6	7	8	7	5	11	4	70
8	10	4	1	4	6	8	6	6	12	8	3	4	69
9	4	1	1	4	6	10	10	11	8	8	5	5	71
10	4	1	1	3	4	10	10	9	5	6	8	5	65
11	7	4	7	6	6	6	18	15	10	7	9	7	101
12	2	1	2	6	6	6	12	8	5	8	4	2	69
13	4	1	2	5	4	13	11	7	3	4	7	5	61
14	7	3	9	3	4	7	18	18	11	10	9	5	97
15	14	6	3	3	7	11	16	5	5	6	1	3	81
16	8	3	5	5	11	3	8	10	6	3	4	9	73
17	5	1	2	2	6	3	6	13	14	9	3	4	74
18	10	1	4	3	9	9	11	8	9	5	10	4	74
19	4	10	4	5	3	11	8	4	7	7	4	6	64
20	4	10	4	5	3	11	8	8	9	9	4	4	64
21	4	5	4	5	8	7	13	12	3	1	6	3	71
22	5	2	4	4	4	5	7	12	12	6	3	3	71
23	5	2	4	4	4	6	8	13	10	4	5	2	64
24	1	1	1	7	6	6	13	15	3	11	5	5	52
25	1	1	1	5	4	10	18	5	10	7	4	13	56
26	5	5	6	5	7	5	12	13	14	10	9	10	100
27	8	3	3	3	5	3	10	10	3	4	8	3	74
28	9	3	4	4	4	3	6	6	9	5	11	6	73
29	4	4	4	4	4	3	7	7	3	12	9	3	73
30	4	4	4	4	4	3	3	12	9	8	8	7	76
31	4	3	3	3	4	4	7	13	9	3	7	6	73
32	3	3	3	4	4	4	7	10	10	4	3	7	68
33	3	3	3	4	4	4	8	11	6	3	7	6	68

RESTRICTED 16

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Port Arthur

Number of rainy days

Number of clear days

Number of cloudy days

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
1925	6	7	4	3	2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1926	5	6	3	2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1927	4	5	2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1928	3	4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1929	2	3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1930	1	2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1931	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1932	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1933	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1934	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1935	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1936	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1937	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1938	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1939	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1940	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1941	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1942	0	1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

180

RESTRICTED

Port Arthur

Number of cloudy days

Number of foggy days

Number of days of hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1904	3	2	4	10	5	8	17	8	5	3	6	4	75
05	3	3	4	6	12	11	10	8	8	3	8	4	75
06	3	3	4	4	12	11	10	8	8	3	8	4	75
07	4	6	7	7	7	8	10	7	8	3	8	4	75
08	7	5	4	7	6	8	9	7	8	3	8	4	75
09	6	4	4	4	8	7	14	11	6	3	1	10	75
10	3	6	7	10	8	7	10	10	6	4	1	8	75
11	5	8	3	7	8	14	8	10	7	4	1	8	75
12	8	3	4	7	7	7	10	8	8	3	1	8	75
13	5	1	7	8	10	6	8	8	3	5	3	8	75
14	3	12	6	7	11	10	13	10	9	7	3	9	75
15	3	2	3	6	8	8	10	10	4	4	3	10	75
16	3	7	1	10	11	11	12	13	1	1	3	10	75
17	7	7	10	8	8	10	15	15	11	9	3	11	75
18	5	5	12	8	17	15	17	11	9	3	3	11	75
19	5	3	10	6	9	6	10	14	6	7	1	7	75
20	5	5	3	7	9	7	14	10	4	1	7	7	75
1905			2	6	3	9	11						31
06			3	1	1	2	3						10
07			4	2	4	8	8						18
08			4	2	6	7							17
09			1	6	4	1	11	1	2				20
10			1	6	4	6	2	2	1	1			20
11			1	1	1	6	2	1	1	1			20
12			1	1	3	8	1	1	1	1			20
13			1	3	2	3	2	1	1	1			20
14			1	3	2	3	2	1	1	1			20
15			1	3	2	3	2	1	1	1			20
16			1	6	5	1	8						21
17			1	3	2	10	3	3	3	3			21
18			1	3	2	7	5	4	4	4			21
19			1	3	2	9	4	4	4	4			21
20			1	3	2	9	4	4	4	4			21
21			1	3	2	7	1	4	3	2	1	1	21
22			1	3	2	6	1	3	3	3	1	1	21
23			1	3	2	6	1	3	3	3	1	1	21
24			1	3	2	6	1	3	3	3	1	1	21
25			1	3	2	6	1	3	3	3	1	1	21
26			1	3	2	6	1	3	3	3	1	1	21
27			1	3	2	6	1	3	3	3	1	1	21
28			1	3	2	6	1	3	3	3	1	1	21
29			1	3	2	6	1	3	3	3	1	1	21
30			1	3	2	6	1	3	3	3	1	1	21
31			1	3	2	6	1	3	3	3	1	1	21
32			1	3	2	6	1	3	3	3	1	1	21
33			1	3	2	6	1	3	3	3	1	1	21
34			1	3	2	6	1	3	3	3	1	1	21
35			1	3	2	6	1	3	3	3	1	1	21
36			1	3	2	6	1	3	3	3	1	1	21
37			1	3	2	6	1	3	3	3	1	1	21
38			1	3	2	6	1	3	3	3	1	1	21
39			1	3	2	6	1	3	3	3	1	1	21
40			1	3	2	6	1	3	3	3	1	1	21
1906			1	1	1	1	1	1	1	1	1	1	1
07			1	1	1	1	1	1	1	1	1	1	1
08			1	1	1	1	1	1	1	1	1	1	1
09			1	1	1	1	1	1	1	1	1	1	1
10			1	1	1	1	1	1	1	1	1	1	1

RESTRICTED

18

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Port Arthur

Number of days of hail

Number of days of soft hail

Number of days without sunshine

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1918												
1919												
1920												
1921												
1922												
1923												
1924												
1925												
1926												
1927												
1928												
1929												
1930												
1931												
1932												
1933												
1934												
1935												
1936												
1937												
1938												
1939												
1940												
1941												
1942												
1943												
1944												
1945												
1946												
1947												
1948												
1949												
1950												
1951												
1952												
1953												
1954												
1955												
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												
1976												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
1986												
1987												
1988												
1989												
1990												
1991												
1992												
1993												
1994												
1995												
1996												
1997												
1998												
1999												
2000												

RESTRICTED 19

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

128 Port Arthur

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1906	7	8	8	11	11	11	11	11	11	11	11	11	11
17	8	8	8	11	11	11	11	11	11	11	11	11	11
18	8	8	8	11	11	11	11	11	11	11	11	11	11
19	8	8	8	11	11	11	11	11	11	11	11	11	11
20	8	8	8	11	11	11	11	11	11	11	11	11	11
21	5	9	5	4	4	4	4	4	4	4	4	4	4
22	5	9	5	4	4	4	4	4	4	4	4	4	4
23	4	8	5	4	4	4	4	4	4	4	4	4	4
24	4	8	5	4	4	4	4	4	4	4	4	4	4
25	4	8	5	4	4	4	4	4	4	4	4	4	4
26	1	8	1	1	1	1	1	1	1	1	1	1	1
27	1	8	1	1	1	1	1	1	1	1	1	1	1
28	1	8	1	1	1	1	1	1	1	1	1	1	1
29	1	8	1	1	1	1	1	1	1	1	1	1	1
30	1	8	1	1	1	1	1	1	1	1	1	1	1
31	1	8	1	1	1	1	1	1	1	1	1	1	1
32	1	8	1	1	1	1	1	1	1	1	1	1	1
33	1	8	1	1	1	1	1	1	1	1	1	1	1
34	1	8	1	1	1	1	1	1	1	1	1	1	1
35	1	8	1	1	1	1	1	1	1	1	1	1	1
36	1	8	1	1	1	1	1	1	1	1	1	1	1
37	1	8	1	1	1	1	1	1	1	1	1	1	1
38	1	8	1	1	1	1	1	1	1	1	1	1	1
39	1	8	1	1	1	1	1	1	1	1	1	1	1
40	1	8	1	1	1	1	1	1	1	1	1	1	1
1906	7	8	8	11	11	11	11	11	11	11	11	11	11
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													

Number of days without sunshine

Number of days of electrical storms

STAT

RESTRICTED 20

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

Port Arthur

Number of days of electrical storms

Number of stormy days

Number of earthquakes

Maximum snow fall

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1939	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1940	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1941	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1942	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1943	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1944	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1945	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1946	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1947	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1948	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1949	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1950	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1951	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1952	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1953	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1954	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1955	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1956	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1957	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1958	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1959	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1960	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

STAT

140

RESTRICTED

Port Arthur

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1915	0.7	0.5	2.5										4.7
17	2.6	1.4											4.0
18	1.0	0.0											1.0
19	7.0	1.1											8.1
20	8.2	1.0											9.2
21	1.8	0.5	1.9										4.2
22	6.8	1.1	2.1										10.0
23	4.8	0.1	2.1										7.0
24	8.0	7.8	6.0										22.6
25	4.4	0.7	2.7										7.8
26	7.5	9.2	0.3							7.4	0.7	0.8	26.6
27	10.8	12.8	10.5										34.1
28	16.6	12.8	9.5										38.9
29	3.8	4.9	1.1										9.8
30	1.2	2.0											3.2
31	6.4	4.6		2.9									13.9
32	6.9	5.7	4.5										17.1
33	6.5	0.3	10.5										17.3
34	7.0	10.4	18.0										35.4
35	7.4	0.1											7.5
36	4.2	5.0	4.6										13.8

Average barometric pressure of freezing point

大 連

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1908	17.7	60.0	62.6	64.6	69.0	65.5	65.3	62.4	55.7	60.6	61.0	62.2	60.2
7	22.1	60.6	57.4	58.8	59.5	62.3	62.3	62.7	54.0	57.0	60.6	62.5	59.7
8	19.8	61.5	57.5	52.4	49.3	47.3	48.8	48.8	52.8	58.8	60.1	61.3	56.8
9	25.2	61.9	59.7	54.4	49.5	45.8	45.8	45.8	52.0	54.9	59.0	60.8	56.8
10	22.5	59.0	58.2	52.0	47.8	47.7	47.0	47.0	52.3	57.3	58.1	61.4	56.5
11	20.1	59.5	57.7	54.8	50.0	45.1	44.7	44.5	52.4	57.0	58.5	60.3	56.1
12	20.0	61.1	58.2	52.8	48.1	47.3	46.1	46.7	51.0	56.3	58.4	60.7	56.8
13	23.3	57.8	57.1	52.8	48.5	46.7	46.8	46.8	52.0	57.0	57.0	60.5	56.7
14	23.2	61.0	57.5	52.8	48.5	46.8	46.8	46.8	52.0	57.4	61.0	61.5	58.2
15	23.8	60.7	58.0	54.0	51.1	43.8	44.4	44.4	49.8	57.7	57.0	60.3	56.1
16	21.7	58.0	57.0	52.0	49.0	46.1	44.1	43.7	51.7	56.6	61.5	61.5	56.0
17	21.8	59.4	57.2	52.1	49.0	46.1	44.1	43.3	52.3	57.3	60.5	61.0	56.2
18	22.7	59.1	57.1	52.8	49.5	46.7	46.8	46.8	52.0	57.0	61.0	60.5	56.7
19	22.4	60.9	57.4	52.8	49.5	46.8	46.8	46.8	52.0	57.0	61.0	60.5	56.7
20	22.4	59.4	58.1	52.5	49.5	46.8	46.7	46.7	52.0	57.0	61.0	60.5	56.7
21	22.4	62.1	58.4	54.5	49.4	46.0	44.0	44.0	52.6	56.6	61.0	61.0	56.0
22	22.5	62.0	57.4	54.1	49.1	46.7	46.1	46.1	52.7	57.0	61.0	61.0	56.0
23	22.0	62.0	57.4	52.7	49.7	46.1	46.1	46.1	52.7	57.0	61.0	61.0	56.0
24	22.5	62.4	58.1	54.1	49.1	46.7	46.1	46.1	52.7	57.0	61.0	61.0	56.0
25	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
26	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
27	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
28	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
29	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
30	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
31	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
32	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
33	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
34	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
35	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0
36	22.5	61.5	57.7	52.8	49.3	46.8	46.8	46.8	52.0	57.0	61.0	61.0	56.0

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

STAT

RESTRICTED

Dairen

Average
barometric
pressure of
freezing
point

Highest
barometric
pressure of
freezing
point

Lowest
barometric
pressure of
freezing
point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1925	61.8	58.8	56.1	53.3	50.5	48.7	45.9	43.0	40.2	37.4	34.6	31.8
26	60.7	57.8	55.1	52.3	49.5	47.7	44.9	42.0	39.2	36.4	33.6	30.8
27	60.1	57.2	54.5	51.7	48.9	47.1	44.3	41.4	38.6	35.8	33.0	30.2
28	60.1	57.2	54.5	51.7	48.9	47.1	44.3	41.4	38.6	35.8	33.0	30.2
29	60.1	57.2	54.5	51.7	48.9	47.1	44.3	41.4	38.6	35.8	33.0	30.2
30	61.0	58.0	55.3	52.5	49.7	47.9	45.1	42.2	39.4	36.6	33.8	31.0
水曜祭 1905	68.0	65.5	63.0	60.5	58.0	55.5	53.0	50.5	48.0	45.5	43.0	40.5
金 曜 祭	68.5	66.0	63.5	61.0	58.5	56.0	53.5	51.0	48.5	46.0	43.5	41.0
(+noon)	69.0	66.5	64.0	61.5	59.0	56.5	54.0	51.5	49.0	46.5	44.0	41.5
7	70.0	67.5	65.0	62.5	60.0	57.5	55.0	52.5	50.0	47.5	45.0	42.5
8	70.0	67.5	65.0	62.5	60.0	57.5	55.0	52.5	50.0	47.5	45.0	42.5
9	72.5	70.0	67.5	65.0	62.5	60.0	57.5	55.0	52.5	50.0	47.5	45.0
10	68.7	66.2	63.7	61.2	58.7	56.2	53.7	51.2	48.7	46.2	43.7	41.2
11	68.0	65.5	63.0	60.5	58.0	55.5	53.0	50.5	48.0	45.5	43.0	40.5
12	71.1	68.6	66.1	63.6	61.1	58.6	56.1	53.6	51.1	48.6	46.1	43.6
13	70.4	67.9	65.4	62.9	60.4	57.9	55.4	52.9	50.4	47.9	45.4	42.9
14	68.5	66.0	63.5	61.0	58.5	56.0	53.5	51.0	48.5	46.0	43.5	41.0
15	73.5	71.0	68.5	66.0	63.5	61.0	58.5	56.0	53.5	51.0	48.5	46.0
16	70.8	68.3	65.8	63.3	60.8	58.3	55.8	53.3	50.8	48.3	45.8	43.3
17	71.6	69.1	66.6	64.1	61.6	59.1	56.6	54.1	51.6	49.1	46.6	44.1
18	69.8	67.3	64.8	62.3	59.8	57.3	54.8	52.3	49.8	47.3	44.8	42.3
19	70.5	68.0	65.5	63.0	60.5	58.0	55.5	53.0	50.5	48.0	45.5	43.0
20	69.0	66.5	64.0	61.5	59.0	56.5	54.0	51.5	49.0	46.5	44.0	41.5
21	72.8	70.3	67.8	65.3	62.8	60.3	57.8	55.3	52.8	50.3	47.8	45.3
22	69.7	67.2	64.7	62.2	59.7	57.2	54.7	52.2	49.7	47.2	44.7	42.2
23	71.3	68.8	66.3	63.8	61.3	58.8	56.3	53.8	51.3	48.8	46.3	43.8
24	71.3	68.8	66.3	63.8	61.3	58.8	56.3	53.8	51.3	48.8	46.3	43.8
25	71.8	69.3	66.8	64.3	61.8	59.3	56.8	54.3	51.8	49.3	46.8	44.3
26	68.5	66.0	63.5	61.0	58.5	56.0	53.5	51.0	48.5	46.0	43.5	41.0
27	71.3	68.8	66.3	63.8	61.3	58.8	56.3	53.8	51.3	48.8	46.3	43.8
28	73.4	70.9	68.4	65.9	63.4	60.9	58.4	55.9	53.4	50.9	48.4	45.9
29	71.1	68.6	66.1	63.6	61.1	58.6	56.1	53.6	51.1	48.6	46.1	43.6
30	71.3	68.8	66.3	63.8	61.3	58.8	56.3	53.8	51.3	48.8	46.3	43.8
31	70.1	67.6	65.1	62.6	60.1	57.6	55.1	52.6	50.1	47.6	45.1	42.6
32	72.8	70.3	67.8	65.3	62.8	60.3	57.8	55.3	52.8	50.3	47.8	45.3
33	70.4	67.9	65.4	62.9	60.4	57.9	55.4	52.9	50.4	47.9	45.4	42.9
34	70.4	67.9	65.4	62.9	60.4	57.9	55.4	52.9	50.4	47.9	45.4	42.9
35	69.0	66.5	64.0	61.5	59.0	56.5	54.0	51.5	49.0	46.5	44.0	41.5
36	70.3	67.8	65.3	62.8	60.3	57.8	55.3	52.8	50.3	47.8	45.3	42.8
37	68.0	65.5	63.0	60.5	58.0	55.5	53.0	50.5	48.0	45.5	43.0	40.5
38	70.7	68.2	65.7	63.2	60.7	58.2	55.7	53.2	50.7	48.2	45.7	43.2
39	69.4	66.9	64.4	61.9	59.4	56.9	54.4	51.9	49.4	46.9	44.4	41.9
40	70.3	67.8	65.3	62.8	60.3	57.8	55.3	52.8	50.3	47.8	45.3	42.8
水曜祭 1905	68.8	66.3	63.8	61.3	58.8	56.3	53.8	51.3	48.8	46.3	43.8	41.3
金 曜 祭	69.3	66.8	64.3	61.8	59.3	56.8	54.3	51.8	49.3	46.8	44.3	41.8
(+noon)	69.8	67.3	64.8	62.3	59.8	57.3	54.8	52.3	49.8	47.3	44.8	42.3
7	70.7	68.2	65.7	63.2	60.7	58.2	55.7	53.2	50.7	48.2	45.7	43.2
8	70.7	68.2	65.7	63.2	60.7	58.2	55.7	53.2	50.7	48.2	45.7	43.2
9	73.7	71.2	68.7	66.2	63.7	61.2	58.7	56.2	53.7	51.2	48.7	46.2
10	69.3	66.8	64.3	61.8	59.3	56.8	54.3	51.8	49.3	46.8	44.3	41.8
11	68.8	66.3	63.8	61.3	58.8	56.3	53.8	51.3	48.8	46.3	43.8	41.3
12	71.7	69.2	66.7	64.2	61.7	59.2	56.7	54.2	51.7	49.2	46.7	44.2
13	70.7	68.2	65.7	63.2	60.7	58.2	55.7	53.2	50.7	48.2	45.7	43.2
14	69.8	67.3	64.8	62.3	59.8	57.3	54.8	52.3	49.8	47.3	44.8	42.3
15	70.8	68.3	65.8	63.3	60.8	58.3	55.8	53.3	50.8	48.3	45.8	43.3
16	71.0	68.5	66.0	63.5	61.0	58.5	56.0	53.5	51.0	48.5	46.0	43.5
17	69.7	67.2	64.7	62.2	59.7	57.2	54.7	52.2	49.7	47.2	44.7	42.2
18	72.2	69.7	67.2	64.7	62.2	59.7	57.2	54.7	52.2	49.7	47.2	44.7
19	71.2	68.7	66.2	63.7	61.2	58.7	56.2	53.7	51.2	48.7	46.2	43.7
20	71.2	68.7	66.2	63.7	61.2	58.7	56.2	53.7	51.2	48.7	46.2	43.7

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

大 連 Dairen

STAT

Lowest
barometric
pressure of
freezing
point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1900	50.7	51.0	51.2	51.5	51.8	52.1	52.4	52.7	53.0	53.3	53.6	53.9
01	50.9	51.1	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0
02	51.0	51.2	51.4	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1
03	51.1	51.3	51.5	51.8	52.1	52.4	52.7	53.0	53.3	53.6	53.9	54.2
04	51.2	51.4	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3
05	51.3	51.5	51.7	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4
06	51.4	51.6	51.8	52.1	52.4	52.7	53.0	53.3	53.6	53.9	54.2	54.5
07	51.5	51.7	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6
08	51.6	51.8	52.0	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4	54.7
09	51.7	51.9	52.1	52.4	52.7	53.0	53.3	53.6	53.9	54.2	54.5	54.8
10	51.8	52.0	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9
11	51.9	52.1	52.3	52.6	52.9	53.2	53.5	53.8	54.1	54.4	54.7	55.0
12	52.0	52.2	52.4	52.7	53.0	53.3	53.6	53.9	54.2	54.5	54.8	55.1
13	52.1	52.3	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9	55.2
14	52.2	52.4	52.6	52.9	53.2	53.5	53.8	54.1	54.4	54.7	55.0	55.3
15	52.3	52.5	52.7	53.0	53.3	53.6	53.9	54.2	54.5	54.8	55.1	55.4
16	52.4	52.6	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9	55.2	55.5
17	52.5	52.7	52.9	53.2	53.5	53.8	54.1	54.4	54.7	55.0	55.3	55.6
18	52.6	52.8	53.0	53.3	53.6	53.9	54.2	54.5	54.8	55.1	55.4	55.7
19	52.7	52.9	53.1	53.4	53.7	54.0	54.3	54.6	54.9	55.2	55.5	55.8
20	52.8	53.0	53.2	53.5	53.8	54.1	54.4	54.7	55.0	55.3	55.6	55.9
21	52.9	53.1	53.3	53.6	53.9	54.2	54.5	54.8	55.1	55.4	55.7	56.0
22	53.0	53.2	53.4	53.7	54.0	54.3	54.6	54.9	55.2	55.5	55.8	56.1
23	53.1	53.3	53.5	53.8	54.1	54.4	54.7	55.0	55.3	55.6	55.9	56.2
24	53.2	53.4	53.6	53.9	54.2	54.5	54.8	55.1	55.4	55.7	56.0	56.3
25	53.3	53.5	53.7	54.0	54.3	54.6	54.9	55.2	55.5	55.8	56.1	56.4
26	53.4	53.6	53.8	54.1	54.4	54.7	55.0	55.3	55.6	55.9	56.2	56.5
27	53.5	53.7	53.9	54.2	54.5	54.8	55.1	55.4	55.7	56.0	56.3	56.6
28	53.6	53.8	54.0	54.3	54.6	54.9	55.2	55.5	55.8	56.1	56.4	56.7
29	53.7	53.9	54.1	54.4	54.7	55.0	55.3	55.6	55.9	56.2	56.5	56.8
30	53.8	54.0	54.2	54.5	54.8	55.1	55.4	55.7	56.0	56.3	56.6	56.9
31	53.9	54.1	54.3	54.6	54.9	55.2	55.5	55.8	56.1	56.4	56.7	57.0
32	54.0	54.2	54.4	54.7	55.0	55.3	55.6	55.9	56.2	56.5	56.8	57.1
33	54.1	54.3	54.5	54.8	55.1	55.4	55.7	56.0	56.3	56.6	56.9	57.2
34	54.2	54.4	54.6	54.9	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3
35	54.3	54.5	54.7	55.0	55.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4
36	54.4	54.6	54.8	55.1	55.4	55.7	56.0	56.3	56.6	56.9	57.2	57.5
37	54.5	54.7	54.9	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3	57.6
38	54.6	54.8	55.0	55.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4	57.7
39	54.7	54.9	55.1	55.4	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8
40	54.8	55.0	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9
41	54.9	55.1	55.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0
42	55.0	55.2	55.4	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1
43	55.1	55.3	55.5	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9	58.2
44	55.2	55.4	55.6	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3
45	55.3	55.5	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1	58.4
46	55.4	55.6	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9	58.2	58.5
47	55.5	55.7	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6
48	55.6	55.8	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1	58.4	58.7
49	55.7	55.9	56.1	56.4	56.7	57.0	57.3	57.6	57.9	58.2	58.5	58.8
50	55.8	56.0	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6	58.9
51	55.9	56.1	56.3	56.6	56.9	57.2	57.5	57.8	58.1	58.4	58.7	59.0
52	56.0	56.2	56.4	56.7	57.0	57.3	57.6	57.9	58.2	58.5	58.8	59.1
53	56.1	56.3	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6	58.9	59.2
54	56.2	56.4	56.6	56.9	57.2	57.5	57.8	58.1	58.4	58.7	59.0	59.3
55	56.3	56.5	56.7	57.0	57.3	57.6	57.9	58.2	58.5	58.8	59.1	59.4
56	56.4	56.6	56.8	57.1	57.4	57.7	58.0	58.3	58.6	58.9	59.2	59.5
57	56.5	56.7	56.9	57.2	57.5	57.8	58.1	58.4	58.7	59.0	59.3	59.6
58	56.6	56.8	57.0	57.3	57.6	57.9	58.2	58.5	58.8	59.1	59.4	59.7
59	56.7	56.9	57.1	57.4	57.7	58.0	58.3	58.6	58.9	59.2	59.5	59.8
60	56.8	57.0	57.2	57.5	57.8	58.1	58.4	58.7	59.0	59.3	59.6	59.9

Average
barometric
pressure at
sea level

24 RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

RESTRICTED

Dairen

Average atmospheric temperature

Average highest atmospheric temperature

Month	1	2	3	4	5	6	7	8	9	10	11	12
1941	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1942	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1943	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1944	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1945	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1946	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1947	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1948	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1949	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1950	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1951	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1952	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1953	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1954	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1955	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1976	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1977	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1978	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1979	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1980	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1981	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1982	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1983	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1984	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1985	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1986	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1987	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1988	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1989	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1990	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1991	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1992	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1993	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1994	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1995	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1996	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1997	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1998	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1999	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

144
RESTRICTED
* Dairen *

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1907	-14	0.0	4.7	14.8	22.4	24.8	27.7	28.2	25.0	17.7	12.8	7.8	14.8
08	-1.9	-0.3	5.0	15.0	22.5	24.8	27.7	28.2	25.0	17.7	12.8	7.8	14.8
09	-1.9	-0.3	5.0	15.0	22.5	24.8	27.7	28.2	25.0	17.7	12.8	7.8	14.8
10	-2.5	-1.4	5.3	15.3	22.8	25.1	28.0	28.5	25.3	18.0	13.1	8.1	15.1
11	-1.5	-1.4	5.7	15.7	23.2	25.5	28.4	28.9	25.7	18.4	13.5	8.5	15.5
12	3.0	3.3	5.8	16.2	23.7	26.0	28.9	29.4	26.2	18.9	14.0	9.0	16.0
13	3.8	4.1	6.6	17.0	24.5	26.8	29.7	30.2	27.0	19.7	14.8	9.8	16.8
14	-1.0	1.7	4.7	13.4	21.9	23.7	27.4	28.1	25.1	17.6	12.6	7.6	14.6
15	0.8	4.8	8.3	18.4	26.9	28.3	30.6	31.3	28.4	20.4	15.4	10.4	17.4
16	-4.3	-3.0	5.3	13.7	22.4	24.1	27.1	27.8	24.6	18.3	13.1	8.1	15.1
17	0.4	0.8	5.4	14.0	21.7	23.6	27.4	28.1	25.0	18.4	13.4	8.4	15.4
18	-3.0	0.4	7.5	17.8	26.4	27.1	29.8	30.5	27.4	19.1	14.1	9.1	16.1
19	-0.4	1.3	7.5	17.8	26.4	27.1	29.8	30.5	27.4	19.1	14.1	9.1	16.1
20	-3.0	0.7	8.7	18.8	27.7	28.4	31.1	31.8	28.5	19.8	14.8	9.8	16.8
1908	-2.5	-2.3	-1.7	4.7	11.3	18.9	26.9	31.0	30.7	27.7	21.8	15.8	22.8
09	-2.8	-1.3	-0.8	5.2	11.7	19.1	27.1	31.2	30.9	27.9	22.0	16.0	23.0
10	-4.9	-2.7	-1.2	6.3	11.0	18.6	26.1	30.0	29.5	27.5	21.4	15.4	22.4
11	-10.3	-8.4	-6.8	4.7	10.3	19.3	26.5	31.9	31.3	28.1	22.1	16.1	23.1
12	-8.7	-6.4	-4.7	4.8	10.5	18.0	26.3	31.4	30.1	27.3	21.6	15.6	22.6
10	-2.8	-2.9	-2.6	4.8	11.7	18.4	26.7	31.9	31.6	28.5	22.5	16.5	23.5
11	-2.3	-2.6	-2.1	5.3	12.0	18.7	27.1	32.1	31.8	28.7	22.7	16.7	23.7
12	-4.4	-3.5	-2.9	5.8	10.1	18.6	26.1	31.9	31.5	28.3	22.3	16.3	23.3
13	-2.9	-3.3	-2.1	5.1	10.7	18.4	26.5	32.0	31.6	28.4	22.4	16.4	23.4
14	-2.9	-3.5	-2.1	4.1	10.0	18.3	26.4	31.8	31.4	28.2	22.2	16.2	23.2
15	-11.4	-8.9	-7.3	3.7	10.4	18.0	26.3	32.8	32.1	29.1	23.1	17.1	24.1
16	-12.2	-9.7	-8.0	4.5	10.6	18.0	26.3	33.6	32.9	29.3	23.3	17.3	24.3
17	-10.3	-8.4	-6.8	5.3	10.3	19.0	27.8	33.4	32.7	29.4	23.4	17.4	24.4
18	-7.4	-6.4	-4.8	5.8	10.2	19.1	27.9	33.5	32.8	29.5	23.5	17.5	24.5
19	-11.4	-8.9	-7.3	5.3	9.8	18.3	26.3	34.3	33.6	29.7	23.6	17.6	24.6
20	-2.3	-2.9	-2.0	6.8	12.6	18.7	26.5	34.6	33.9	30.1	24.0	18.0	25.0
21	-7.4	-6.3	-4.0	4.7	10.8	18.7	26.8	35.0	34.0	30.4	24.4	18.4	25.4
22	-12.3	-9.4	-6.9	6.9	10.6	18.4	26.8	35.7	34.3	30.7	24.7	18.7	25.7
23	-9.9	-7.9	-5.7	4.3	11.6	18.2	26.1	36.1	34.5	30.9	24.9	18.9	25.9
24	-7.9	-7.7	-5.0	4.8	12.8	18.8	26.8	36.7	35.1	31.7	25.1	19.1	26.1
25	-8.4	-7.5	-4.8	5.3	12.8	18.7	26.1	37.1	35.4	32.0	25.4	19.4	26.4
26	-8.4	-7.4	-4.8	5.8	11.3	17.8	25.0	37.0	35.7	32.3	25.7	19.7	26.7
27	-8.3	-7.3	-4.0	6.8	10.7	18.0	26.3	37.4	36.0	32.6	26.0	20.0	27.0
28	-8.3	-6.7	-4.8	6.0	11.0	18.1	26.5	37.7	36.3	32.9	26.3	20.3	27.3
29	-9.3	-7.8	-5.3	6.1	10.7	17.9	26.5	38.1	36.6	33.2	26.6	20.6	27.6
30	-8.3	-7.8	-5.3	6.7	11.7	17.0	26.8	38.5	36.9	33.5	26.9	20.9	27.9
31	-8.7	-8.1	-5.3	6.3	11.0	16.9	26.9	38.9	37.2	33.8	27.2	21.2	28.2
32	-8.8	-8.0	-4.3	6.1	10.8	16.1	26.0	39.3	37.5	34.1	27.5	21.5	28.5
33	-10.8	-8.1	-4.3	5.1	10.7	16.2	26.1	39.7	37.8	34.4	27.8	21.8	28.8
34	-11.2	-8.1	-4.4	4.4	10.5	15.4	25.8	40.1	38.1	34.7	28.1	22.1	29.1
35	-8.4	-7.4	-4.8	5.4	10.4	16.2	26.4	40.5	38.4	35.0	28.4	22.4	29.4
36	-11.8	-8.9	-4.8	4.4	10.3	16.1	26.5	40.9	38.7	35.3	28.7	22.7	29.7
37	-8.0	-7.0	-4.7	4.8	10.2	17.0	27.1	41.3	39.0	35.6	29.0	23.0	30.0
38	-8.5	-7.5	-4.8	5.8	11.3	16.3	26.8	41.7	39.3	35.9	29.3	23.3	30.3
39	-8.5	-7.5	-4.8	6.8	11.3	16.3	26.8	42.1	39.6	36.2	29.6	23.6	30.6
40	-11.1	-8.1	-4.0	5.8	11.4	16.4	27.0	42.5	39.9	36.5	29.9	23.9	30.9
1907	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
08	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
09	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
10	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
11	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
12	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
13	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
14	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
15	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
16	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
17	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
18	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
19	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
20	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
21	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
22	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
23	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
24	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
25	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
26	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
27	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
28	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
29	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6
30	1.6	4.7	11.8	18.0	24.1	28.2	31.6	34.0	36.4	38.8	41.2	43.6	31.6

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

STAT

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

STAT

148

RESTRICTED

Dairen

Low limit of atmospheric temperature

Average vapor pressure

Average humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1928	-11.6	-14.1	-7.8	0.1	1.8	11.8	17.4	17.8	14.3	5.4	-4.4	-11.1
29	-11.1	-13.9	-7.5	0.5	1.9	11.9	17.5	17.9	14.2	5.3	-4.3	-11.0
30	-11.0	-13.8	-7.4	0.4	1.8	11.8	17.4	17.8	14.1	5.2	-4.2	-10.9
31	-10.9	-13.7	-7.3	0.3	1.7	11.7	17.3	17.7	14.0	5.1	-4.1	-10.8
32	-10.8	-13.6	-7.2	0.2	1.6	11.6	17.2	17.6	13.9	5.0	-4.0	-10.7
33	-10.7	-13.5	-7.1	0.1	1.5	11.5	17.1	17.5	13.8	4.9	-3.9	-10.6
34	-10.6	-13.4	-7.0	0.0	1.4	11.4	17.0	17.4	13.7	4.8	-3.8	-10.5
35	-10.5	-13.3	-6.9	-0.1	1.3	11.3	16.9	17.3	13.6	4.7	-3.7	-10.4
36	-10.4	-13.2	-6.8	-0.2	1.2	11.2	16.8	17.2	13.5	4.6	-3.6	-10.3
37	-10.3	-13.1	-6.7	-0.3	1.1	11.1	16.7	17.1	13.4	4.5	-3.5	-10.2
38	-10.2	-13.0	-6.6	-0.4	1.0	11.0	16.6	17.0	13.3	4.4	-3.4	-10.1
39	-10.1	-12.9	-6.5	-0.5	0.9	10.9	16.5	16.9	13.2	4.3	-3.3	-10.0
40	-10.0	-12.8	-6.4	-0.6	0.8	10.8	16.4	16.8	13.1	4.2	-3.2	-9.9
41	-9.9	-12.7	-6.3	-0.7	0.7	10.7	16.3	16.7	13.0	4.1	-3.1	-9.8
42	-9.8	-12.6	-6.2	-0.8	0.6	10.6	16.2	16.6	12.9	4.0	-3.0	-9.7
43	-9.7	-12.5	-6.1	-0.9	0.5	10.5	16.1	16.5	12.8	3.9	-2.9	-9.6
44	-9.6	-12.4	-6.0	-1.0	0.4	10.4	16.0	16.4	12.7	3.8	-2.8	-9.5
45	-9.5	-12.3	-5.9	-1.1	0.3	10.3	15.9	16.3	12.6	3.7	-2.7	-9.4
46	-9.4	-12.2	-5.8	-1.2	0.2	10.2	15.8	16.2	12.5	3.6	-2.6	-9.3
47	-9.3	-12.1	-5.7	-1.3	0.1	10.1	15.7	16.1	12.4	3.5	-2.5	-9.2
48	-9.2	-12.0	-5.6	-1.4	0.0	10.0	15.6	16.0	12.3	3.4	-2.4	-9.1
49	-9.1	-11.9	-5.5	-1.5	-0.1	9.9	15.5	15.9	12.2	3.3	-2.3	-9.0
50	-9.0	-11.8	-5.4	-1.6	-0.2	9.8	15.4	15.8	12.1	3.2	-2.2	-8.9
51	-8.9	-11.7	-5.3	-1.7	-0.3	9.7	15.3	15.7	12.0	3.1	-2.1	-8.8
52	-8.8	-11.6	-5.2	-1.8	-0.4	9.6	15.2	15.6	11.9	3.0	-2.0	-8.7
53	-8.7	-11.5	-5.1	-1.9	-0.5	9.5	15.1	15.5	11.8	2.9	-1.9	-8.6
54	-8.6	-11.4	-5.0	-2.0	-0.6	9.4	15.0	15.4	11.7	2.8	-1.8	-8.5
55	-8.5	-11.3	-4.9	-2.1	-0.7	9.3	14.9	15.3	11.6	2.7	-1.7	-8.4
56	-8.4	-11.2	-4.8	-2.2	-0.8	9.2	14.8	15.2	11.5	2.6	-1.6	-8.3
57	-8.3	-11.1	-4.7	-2.3	-0.9	9.1	14.7	15.1	11.4	2.5	-1.5	-8.2
58	-8.2	-11.0	-4.6	-2.4	-1.0	9.0	14.6	15.0	11.3	2.4	-1.4	-8.1
59	-8.1	-10.9	-4.5	-2.5	-1.1	8.9	14.5	14.9	11.2	2.3	-1.3	-8.0
60	-8.0	-10.8	-4.4	-2.6	-1.2	8.8	14.4	14.8	11.1	2.2	-1.2	-7.9
61	-7.9	-10.7	-4.3	-2.7	-1.3	8.7	14.3	14.7	11.0	2.1	-1.1	-7.8
62	-7.8	-10.6	-4.2	-2.8	-1.4	8.6	14.2	14.6	10.9	2.0	-1.0	-7.7
63	-7.7	-10.5	-4.1	-2.9	-1.5	8.5	14.1	14.5	10.8	1.9	-0.9	-7.6
64	-7.6	-10.4	-4.0	-3.0	-1.6	8.4	14.0	14.4	10.7	1.8	-0.8	-7.5
65	-7.5	-10.3	-3.9	-3.1	-1.7	8.3	13.9	14.3	10.6	1.7	-0.7	-7.4
66	-7.4	-10.2	-3.8	-3.2	-1.8	8.2	13.8	14.2	10.5	1.6	-0.6	-7.3
67	-7.3	-10.1	-3.7	-3.3	-1.9	8.1	13.7	14.1	10.4	1.5	-0.5	-7.2
68	-7.2	-10.0	-3.6	-3.4	-2.0	8.0	13.6	14.0	10.3	1.4	-0.4	-7.1
69	-7.1	-9.9	-3.5	-3.5	-2.1	7.9	13.5	13.9	10.2	1.3	-0.3	-7.0
70	-7.0	-9.8	-3.4	-3.6	-2.2	7.8	13.4	13.8	10.1	1.2	-0.2	-6.9
71	-6.9	-9.7	-3.3	-3.7	-2.3	7.7	13.3	13.7	10.0	1.1	-0.1	-6.8
72	-6.8	-9.6	-3.2	-3.8	-2.4	7.6	13.2	13.6	9.9	1.0	0.0	-6.7
73	-6.7	-9.5	-3.1	-3.9	-2.5	7.5	13.1	13.5	9.8	0.9	-0.1	-6.6
74	-6.6	-9.4	-3.0	-4.0	-2.6	7.4	13.0	13.4	9.7	0.8	-0.2	-6.5
75	-6.5	-9.3	-2.9	-4.1	-2.7	7.3	12.9	13.3	9.6	0.7	-0.3	-6.4
76	-6.4	-9.2	-2.8	-4.2	-2.8	7.2	12.8	13.2	9.5	0.6	-0.4	-6.3
77	-6.3	-9.1	-2.7	-4.3	-2.9	7.1	12.7	13.1	9.4	0.5	-0.5	-6.2
78	-6.2	-9.0	-2.6	-4.4	-3.0	7.0	12.6	13.0	9.3	0.4	-0.6	-6.1
79	-6.1	-8.9	-2.5	-4.5	-3.1	6.9	12.5	12.9	9.2	0.3	-0.7	-6.0
80	-6.0	-8.8	-2.4	-4.6	-3.2	6.8	12.4	12.8	9.1	0.2	-0.8	-5.9
81	-5.9	-8.7	-2.3	-4.7	-3.3	6.7	12.3	12.7	9.0	0.1	-0.9	-5.8
82	-5.8	-8.6	-2.2	-4.8	-3.4	6.6	12.2	12.6	8.9	0.0	-1.0	-5.7
83	-5.7	-8.5	-2.1	-4.9	-3.5	6.5	12.1	12.5	8.8	-0.1	-1.1	-5.6
84	-5.6	-8.4	-2.0	-5.0	-3.6	6.4	12.0	12.4	8.7	-0.2	-1.2	-5.5
85	-5.5	-8.3	-1.9	-5.1	-3.7	6.3	11.9	12.3	8.6	-0.3	-1.3	-5.4
86	-5.4	-8.2	-1.8	-5.2	-3.8	6.2	11.8	12.2	8.5	-0.4	-1.4	-5.3
87	-5.3	-8.1	-1.7	-5.3	-3.9	6.1	11.7	12.1	8.4	-0.5	-1.5	-5.2
88	-5.2	-8.0	-1.6	-5.4	-4.0	6.0	11.6	12.0	8.3	-0.6	-1.6	-5.1
89	-5.1	-7.9	-1.5	-5.5	-4.1	5.9	11.5	11.9	8.2	-0.7	-1.7	-5.0
90	-5.0	-7.8	-1.4	-5.6	-4.2	5.8	11.4	11.8	8.1	-0.8	-1.8	-4.9
91	-4.9	-7.7	-1.3	-5.7	-4.3	5.7	11.3	11.7	8.0	-0.9	-1.9	-4.8
92	-4.8	-7.6	-1.2	-5.8	-4.4	5.6	11.2	11.6	7.9	-1.0	-2.0	-4.7
93	-4.7	-7.5	-1.1	-5.9	-4.5	5.5	11.1	11.5	7.8	-1.1	-2.1	-4.6
94	-4.6	-7.4	-1.0	-6.0	-4.6	5.4	11.0	11.4	7.7	-1.2	-2.2	-4.5
95	-4.5	-7.3	-0.9	-6.1	-4.7	5.3	10.9	11.3	7.6	-1.3	-2.3	-4.4
96	-4.4	-7.2	-0.8	-6.2	-4.8	5.2	10.8	11.2	7.5	-1.4	-2.4	-4.3
97	-4.3	-7.1	-0.7	-6.3	-4.9	5.1	10.7	11.1	7.4	-1.5	-2.5	-4.2
98	-4.2	-7.0	-0.6	-6.4	-5.0	5.0	10.6	11.0	7.3	-1.6	-2.6	-4.1
99	-4.1	-6.9	-0.5	-6.5	-5.1	4.9	10.5	10.9	7.2	-1.7	-2.7	-4.0
100	-4.0	-6.8	-0.4	-6.6	-5.2	4.8	10.4	10.8	7.1	-1.8	-2.8	-3.9

28 RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

* Dairen

Average humidity

Minimum degree of humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1917	60	61	57	47	35	29	21	17	13	10	8	6
18	60	62	57	47	35	29	21	17	13	10	8	6
19	60	62	57	47	35	29	21	17	13	10	8	6
20	60	62	57	47	35	29	21	17	13	10	8	6
21	60	62	57	47	35	29	21	17	13	10	8	6
22	60	62	57	47	35	29	21	17	13	10	8	6
23	60	62	57	47	35	29	21	17	13	10	8	6
24	60	62	57	47	35	29	21	17	13	10	8	6
25	60	62	57	47	35	29	21	17	13	10	8	6
26	60	62	57	47	35	29	21	17	13	10	8	6
27	60	62	57	47	35	29	21	17	13	10	8	6
28	60	62	57	47	35	29	21	17	13	10	8	6
29	60	62	57	47	35	29	21	17	13	10	8	6
30	60	62	57	47	35	29	21	17	13	10	8	6
31	60	62	57	47	35	29	21	17	13	10	8	6
32	60	62	57	47	35	29	21	17	13	10	8	6
33	60	62	57	47	35	29	21	17	13	10	8	6
34	60	62	57	47	35	29	21	17	13	10	8	6
35	60	62	57	47	35	29	21	17	13	10	8	6
36	60	62	57	47	35	29	21	17	13	10	8	6
37	60	62	57	47	35	29	21	17	13	10	8	6
38	60	62	57	47	35	29	21	17	13	10	8	6
39	60	62	57	47	35	29	21	17	13	10	8	6
40	60	62	57	47	35	29	21	17	13	10	8	6
最小湿度	53	53	53	53	53	53	53	53	53	53	53	53
6	33	33	33	33	33	33	33	33	33	33	33	33
7	33	33	33	33	33	33	33	33	33	33	33	33
8	33	33	33	33	33	33	33	33	33	33	33	33
9	33	33	33	33	33	33	33	33	33	33	33	33
10	33	33	33	33	33	33	33	33	33	33	33	33
11	33	33	33	33	33	33	33	33	33	33	33	33
12	33	33	33	33	33	33	33	33	33	33	33	33
13	33	33	33	33	33	33	33	33	33	33	33	33
14	33	33	33	33	33	33	33	33	33	33	33	33
15	33	33	33	33	33	33	33	33	33	33	33	33
16	33	33	33	33	33	33	33	33	33	33	33	33
17	33	33	33	33	33	33	33	33	33	33	33	33
18	33	33	33	33	33	33	33	33	33	33	33	33
19	33	33	33	33	33	33	33	33	33	33	33	33
20	33	33	33	33	33	33	33	33	33	33	33	33
21	33	33	33	33	33	33	33	33	33	33	33	33
22	33	33	33	33	33	33	33	33	33	33	33	33
23	33	33	33	33	33	33	33	33	33	33	33	33
24	33	33	33	33	33	33	33	33	33	33	33	33
25	33	33	33	33	33	33	33	33	33	33	33	33
26	33	33	33	33	33	33	33	33	33	33	33	33
27	33	33	33	33	33	33	33	33	33	33	33	33
28	33	33	33	33	33	33	33	33	33	33	33	33
29	33	33	33	33	33	33	33	33	33	33	33	33
30	33	33	33	33	33	33	33	33	33	33	33	33
31	33	33	33	33	33	33	33	33	33	33	33	33
32	33	33	33	33	33	33	33	33	33	33	33	33
33	33	33	33	33	33	33	33	33	33	33	33	33
34	33	33	33	33	33	33	33	33	33	33	33	33
35	33	33	33	33	33	33	33	33	33	33	33	33
36	33	33	33	33	33	33	33	33	33	33	33	33
37	33	33	33	33	33	33	33	33	33	33	33	33
38	33	33	33	33	33	33	33	33	33	33	33	33
39	33	33	33	33	33	33	33	33	33	33	33	33
40	33	33	33	33	33	33	33	33	33	33	33	33

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

168

大 Dairen

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1938	36	34	33	31	31	30	29	28	27	26	25	24
39	31	29	29	28	28	27	26	25	24	23	22	21
40	31	29	27	27	26	25	24	23	22	21	20	19
平均	32	30	29	28	28	27	26	25	24	23	22	21
7	33	31	30	29	28	27	26	25	24	23	22	21
8	33	31	30	29	28	27	26	25	24	23	22	21
9	33	31	30	29	28	27	26	25	24	23	22	21
10	31	28	27	26	25	24	23	22	21	20	19	18
11	34	30	29	28	27	26	25	24	23	22	21	20
12	30	28	27	26	25	24	23	22	21	20	19	18
13	35	31	30	29	28	27	26	25	24	23	22	21
14	23	23	23	23	23	23	23	23	23	23	23	23
15	48	51	48	51	49	57	70	48	34	45	33	30
16	33	43	34	43	49	55	60	51	46	35	41	42
17	19	23	34	43	51	57	66	58	38	25	29	32
18	11	14	17	23	31	37	44	51	58	67	74	81
19	57	39	40	40	65	61	50	43	41	33	35	28
20	30	41	54	52	56	53	63	49	45	51	38	27
21	27	28	42	57	55	58	68	72	61	50	37	27
22	34	44	48	55	60	69	78	81	70	58	45	35
23	12	12	13	14	14	15	16	16	16	16	16	16
24	21	33	35	57	40	45	52	38	38	38	31	33
25	24	31	40	46	71	60	69	63	45	31	35	38
26	28	37	35	43	54	51	65	71	59	40	43	41
27	40	40	54	54	50	50	58	64	68	62	54	41
28	44	38	45	58	67	78	88	95	97	97	86	74
29	39	33	37	58	60	63	74	83	78	58	50	43
30	27	46	55	69	55	57	72	66	55	34	51	49
31	37	46	58	58	53	59	60	74	57	38	49	44
32	33	34	35	38	38	33	33	33	33	33	33	33
33	37	34	44	55	58	59	68	78	81	63	43	42
34	23	25	40	53	58	62	65	77	58	37	37	47
35	29	38	39	44	48	49	75	64	39	34	50	40
36	23	49	30	39	39	47	45	57	54	40	34	34
37	45	58	53	58	40	48	63	70	54	43	44	39
38	50	39	47	49	49	51	71	74	54	42	38	34
39	36	34	44	49	53	48	55	67	48	34	43	43
40	28	30	38	38	44	55	69	78	58	31	40	38
平均	33	43	36	47	53	59	66	67	54	44	34	47
7	40	47	41	44	53	57	60	63	50	40	33	44
8	45	50	41	43	52	57	60	63	50	40	33	44
9	47	52	43	44	53	57	60	63	50	40	33	44
10	30	30	30	30	30	30	30	30	30	30	30	30
11	43	48	43	43	43	43	43	43	43	43	43	43
12	44	44	44	44	44	44	44	44	44	44	44	44
13	43	48	43	43	43	43	43	43	43	43	43	43
14	47	52	43	44	44	44	44	44	44	44	44	44
15	43	48	43	43	43	43	43	43	43	43	43	43
16	23	23	23	23	23	23	23	23	23	23	23	23
17	43	48	43	43	43	43	43	43	43	43	43	43
18	43	48	43	43	43	43	43	43	43	43	43	43
19	47	52	43	44	44	44	44	44	44	44	44	44
20	47	52	43	44	44	44	44	44	44	44	44	44
21	47	52	43	44	44	44	44	44	44	44	44	44
22	47	52	43	44	44	44	44	44	44	44	44	44
23	47	52	43	44	44	44	44	44	44	44	44	44
24	47	52	43	44	44	44	44	44	44	44	44	44
25	47	52	43	44	44	44	44	44	44	44	44	44
26	47	52	43	44	44	44	44	44	44	44	44	44
27	47	52	43	44	44	44	44	44	44	44	44	44
28	47	52	43	44	44	44	44	44	44	44	44	44
29	47	52	43	44	44	44	44	44	44	44	44	44
30	47	52	43	44	44	44	44	44	44	44	44	44

RESTRICTED

Minimum degree of humidity

Average cloud density

Average wind velocity

STAT

STAT

RESTRICTED

Dairen

STAT

Average
wind
velocity

Maximum
wind
velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1908	4.1	4.3	5.7	5.1	6.1	5.8	4.8	5.7	4.6	4.4	4.4	4.6
23	5.4	4.3	5.5	5.4	5.9	5.3	4.9	5.2	4.7	4.7	4.7	4.6
24	6.5	4.7	4.8	5.8	5.8	5.8	4.8	5.3	4.8	4.7	4.7	4.7
25	5.8	4.4	6.0	6.0	5.8	5.8	4.7	4.1	4.1	4.1	4.1	4.1
27	5.4	4.5	5.3	5.3	5.7	5.1	4.4	5.7	4.4	4.0	4.0	4.0
28	4.4	5.1	5.3	5.4	6.7	4.1	4.9	4.3	4.9	4.3	4.3	4.3
29	4.6	5.1	5.2	5.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
30	5.1	4.8	4.8	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
31	6.1	4.7	6.8	6.5	5.9	4.4	4.4	4.8	4.8	5.3	5.1	5.1
32	4.5	6.8	4.8	6.3	6.5	4.2	5.8	4.4	4.3	4.3	4.3	4.3
33	4.0	4.8	4.7	6.0	5.1	4.4	4.1	5.8	4.4	4.3	4.3	4.3
34	4.0	5.0	5.3	5.4	4.8	5.3	4.9	5.4	4.7	4.3	4.3	4.3
35	5.0	4.7	5.8	6.2	5.4	4.4	4.8	5.3	4.8	4.8	4.8	4.8
36	4.1	4.4	5.8	5.8	5.0	4.9	4.8	4.8	4.8	4.8	4.8	4.8
37	3.9	5.1	5.7	5.8	5.4	4.6	3.7	4.9	4.3	4.3	4.3	4.3
38	4.8	4.3	4.8	6.0	5.1	4.8	4.8	4.8	4.3	4.3	4.3	4.3
39	4.3	4.1	5.0	5.0	5.5	5.8	5.0	5.0	4.3	4.3	4.3	4.3
40	5.4	4.7	4.9	6.3	5.5	4.8	4.0	4.8	4.3	4.3	4.3	4.3
最大風速 1905	15.7	16.7	16.5	16.0	17.6	9.5	10.3	8.8	14.3	17.9	22.4	17.7
6	24.1	19.3	21.8	18.0	13.8	11.5	10.3	14.1	18.8	18.8	15.4	18.4
7	16.8	16.0	16.0	16.0	18.1	15.8	10.9	10.8	11.1	13.8	18.4	18.4
8	15.3	14.1	18.8	15.4	18.8	18.4	17.1	18.0	18.8	13.8	18.1	17.0
9	18.1	16.0	17.9	17.5	18.8	13.9	15.8	18.1	14.5	14.0	17.9	14.1
10	15.6	15.3	14.8	14.6	16.8	17.3	10.6	16.5	10.8	11.8	12.8	18.0
11	16.4	13.7	16.0	16.5	16.6	13.8	12.0	12.5	12.0	12.7	12.0	18.3
12	16.4	14.8	16.3	17.6	17.0	16.8	13.5	10.3	17.8	12.1	12.7	18.8
13	15.0	13.8	14.8	16.8	16.8	17.6	11.8	11.5	11.8	12.8	12.0	18.1
14	19.7	11.8	16.3	15.4	21.6	14.8	12.4	10.0	16.7	12.8	18.0	17.3
15	18.7	15.1	13.8	14.6	13.0	14.5	18.6	11.9	14.7	19.3	14.1	18.0
16	18.3	13.4	14.7	18.1	17.5	11.5	12.0	12.7	14.8	14.7	13.0	18.3
17	15.3	16.7	15.3	16.1	10.0	13.7	16.6	16.8	14.8	14.3	11.8	18.1
18	17.8	11.4	16.6	18.8	17.6	17.6	11.0	9.9	14.7	19.4	14.8	18.4
19	22.7	16.8	18.3	18.5	17.4	13.8	10.4	12.8	13.7	13.7	14.1	19.9
20	16.5	11.8	18.1	16.0	18.0	11.8	14.0	17.4	13.3	18.0	17.3	18.0
21	13.8	14.9	20.0	20.4	18.4	18.7	14.7	19.4	17.1	18.0	12.8	18.8
22	12.9	16.1	18.9	18.8	11.3	17.4	17.9	11.5	18.0	13.8	14.7	18.0
23	18.8	10.0	11.8	15.0	18.1	17.9	17.8	11.9	12.8	14.4	14.4	18.1
24	11.6	13.7	18.1	17.3	18.0	14.8	14.7	18.0	11.9	14.1	14.3	18.1
25	11.0	18.1	17.7	18.0	17.8	14.5	18.0	13.6	17.6	17.0	15.3	18.7
26	11.7	17.8	14.5	18.8	13.5	18.2	14.7	17.4	17.0	14.3	12.4	18.5
27	17.3	13.9	17.8	18.4	16.5	17.3	16.7	16.0	18.0	12.7	12.7	18.8
28	15.3	15.2	15.1	14.8	13.8	15.8	12.8	12.0	18.3	12.1	11.8	18.8
29	14.0	14.9	17.1	14.7	17.8	14.1	13.4	13.0	13.3	12.7	12.4	17.8
30	13.4	11.7	16.5	16.8	13.1	17.3	17.5	14.8	18.0	12.9	12.8	18.1
31	14.6	17.9	18.0	18.3	17.8	17.3	17.5	16.5	18.0	12.9	12.8	18.1
32	13.4	13.0	14.9	18.3	18.8	14.1	14.1	14.1	13.3	12.7	12.1	18.4
33	15.3	14.5	18.3	11.5	13.7	18.9	18.0	18.4	13.4	12.7	12.8	18.1
34	13.0	16.5	16.8	17.9	17.7	17.7	15.1	11.6	11.6	11.6	11.6	17.2
35	14.4	11.3	16.7	17.1	14.1	13.9	14.3	11.1	11.1	11.1	11.1	17.1
36	14.1	11.2	15.3	15.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	17.1
37	14.3	14.3	17.7	17.7	13.5	13.5	13.5	13.5	13.5	13.5	13.5	17.1
38	14.3	14.3	17.7	17.7	13.5	13.5	13.5	13.5	13.5	13.5	13.5	17.1
39	14.3	14.3	17.7	17.7	13.5	13.5	13.5	13.5	13.5	13.5	13.5	17.1
40	14.3	14.3	17.7	17.7	13.5	13.5	13.5	13.5	13.5	13.5	13.5	17.1

31 RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

160

Dairen

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1905	8.2	1.0	4.0	22.5	40.0	37.0	140.0	90.0	65.0	22.0	12.0	6.0
6	13.0	30.0	47.0	122.0	172.0	122.0	32.0	112.0	112.0	112.0	112.0	112.0
7	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	12.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
9	12.4	1.3	7.8	18.2	60.8	60.8	227.0	227.0	190.0	95.0	7.2	27.0
10	2.8	0.1	12.8	2.0	12.8	42.0	37.0	122.0	22.0	62.1	3.4	29.0
11	42.7	7.5	32.0	22.1	4.4	47.0	122.0	122.0	122.0	42.0	12.1	22.0
12	12.8	22.9	4.3	21.0	4.4	24.0	27.0	24.0	24.0	42.0	11.0	22.0
13	11.8	12.0	22.0	1.0	17.2	77.2	122.0	227.1	122.0	22.0	2.0	22.0
14	10.8	6.8	22.0	1.0	17.2	77.2	122.0	227.1	122.0	22.0	2.0	22.0
15	12.6	21.5	26.1	12.8	24.0	61.0	32.0	22.1	11.1	21.0	12.0	6.0
16	22.0	12.1	10.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
17	0.1	6.7	2.8	4.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
18	0.0	0.4	5.7	2.7	122.0	22.0	122.0	22.0	22.0	22.0	22.0	22.0
19	19.1	0.1	10.0	22.5	27.2	20.0	22.0	22.0	22.0	22.0	22.0	22.0
20	6.4	27.0	1.9	22.7	5.4	12.2	32.1	122.0	22.0	22.0	22.0	22.0
21	2.7	12.1	17.1	22.0	21.0	12.0	22.0	22.0	22.0	22.0	22.0	22.0
22	11.5	12.8	2.0	12.1	11.0	8.0	12.0	122.0	22.0	22.0	22.0	22.0
23	1.4	0.5	4.3	22.0	13.1	62.0	122.0	22.0	22.0	22.0	22.0	22.0
24	2.4	2.8	12.4	22.0	24.5	12.0	12.0	12.0	12.0	12.0	12.0	12.0
25	0.0	2.0	22.3	22.0	22.0	12.0	22.0	22.0	22.0	22.0	22.0	22.0
26	2.7	0.7	2.4	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
27	12.0	0.0	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
28	22.8	1.7	12.3	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
29	12.1	0.7	2.3	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
30	0.8	6.8	12.3	22.3	9.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0
31	10.0	2.8	2.4	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
32	0.8	20.0	2.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
33	2.5	2.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
34	3.5	9.9	22.1	7.4	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
35	1.5	0.9	0.0	0.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
36	0.5	3.9	7.1	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
37	3.5	1.7	2.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
38	12.7	6.5	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
39	7.4	6.1	4.4	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
40	1.1	4.0	0.5	22.0	6.9	12.0	122.0	227.0	11.0	22.0	22.0	22.0
1906	2.8	2.3	12.4	12.4	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1	2.7	20.0	2.4	12.4	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
2	2.7	0.3	2.0	12.4	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
3	2.9	2.8	2.4	12.4	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
4	12.5	2.3	0.1	2.4	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
5	12.5	2.3	0.1	2.4	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
6	2.8	2.2	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
7	22.7	6.4	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
8	0.7	12.0	2.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
9	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
10	2.8	2.2	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
11	22.7	6.4	12.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
12	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
13	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
14	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
15	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
16	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
17	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
18	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
19	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
20	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
21	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
22	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
23	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
24	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
25	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
26	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
27	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
28	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
29	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
30	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
31	12.0	2.0	6.0	12.0	22.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0

Maximum rainfall per day

RESTRICTED

42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Dai ren

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1927	7.3	6.0	15.0	2.4	12.4	65.7	60.0	22.1	6.1	29.6	27.1	20.1
28	12.7	6.9	11.5	15.2	15.2	11.4	67.3	74.1	22.2	22.2	22.2	22.2
29	7.7	6.4	1.5	17.1	9.9	64.9	62.2	22.2	22.2	22.2	22.2	22.2
30	6.8	6.2	1.5	15.6	9.1	137.2	62.8	22.2	22.2	22.2	22.2	22.2
31	5.3	1.9	4.7	2.7	18.0	21.0	25.1	21.0	25.8	1.6	26.1	1.9
32	0.8	16.4	8.3	10.3	26.4	16.4	62.0	17.9	22.1	22.1	22.1	22.1
33	1.9	1.3	11.4	24.5	35.9	28.4	29.4	49.2	22.1	22.1	22.1	22.1
34	3.3	7.2	8.2	3.0	17.3	50.8	22.2	22.2	22.2	22.2	22.2	22.2
35	0.6	6.9	6.0	6.0	11.0	30.3	22.2	22.2	22.2	22.2	22.2	22.2
36	0.8	2.8	5.5	15.0	33.4	3.9	207.3	12.7	22.2	22.2	22.2	22.2
37	8.4	3.7	8.9	22.8	14.0	13.6	62.7	71.2	61.1	22.2	22.2	22.2
38	3.0	6.4	10.9	16.0	42.4	13.7	12.3	19.6	22.2	22.2	22.2	22.2
39	5.3	2.4	4.4	6.2	24.9	1.8	30.8	54.6	22.2	22.2	22.2	22.2
40	0.7	3.9	0.5	19.5	5.7	9.4	31.8	124.2	10.9	31.5	26.1	13.0
日 照 時 數	171.4	227.4	250.0	229.3	277.1	312.7	218.4	222.1	222.7	222.2	222.2	222.2
6	149.0	277.9	232.6	227.4	226.1	226.5	199.2	222.2	222.2	222.2	222.2	222.2
7	171.7	210.3	232.6	227.6	226.6	226.5	192.8	222.2	222.2	222.2	222.2	222.2
8	174.2	225.2	220.1	226.8	226.0	226.1	222.2	222.2	222.2	222.2	222.2	222.2
9	193.0	224.0	219.9	226.5	225.5	224.9	222.2	222.2	222.2	222.2	222.2	222.2
10	207.8	224.2	225.1	225.3	224.5	225.3	211.1	222.2	222.2	222.2	222.2	222.2
11	177.7	199.2	199.2	222.0	222.7	222.2	222.1	192.2	222.2	222.2	222.2	222.2
12	244.2	174.2	199.2	222.6	222.6	222.6	222.2	222.2	222.2	222.2	222.2	222.2
13	154.4	227.2	222.2	222.7	222.2	222.2	197.2	222.2	222.2	222.2	222.2	222.2
14	195.2	190.3	222.0	222.5	222.2	222.2	211.2	222.2	222.2	222.2	222.2	222.2
15	126.2	156.2	222.2	222.7	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
16	172.0	221.7	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
17	222.4	222.7	222.3	222.1	222.1	222.1	222.2	222.2	222.2	222.2	222.2	222.2
18	222.9	190.1	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
19	118.1	212.5	222.1	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
20	221.1	151.1	217.3	222.1	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
21	222.7	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
22	194.3	172.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
23	124.2	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
24	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
25	222.1	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
26	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
27	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
28	194.3	172.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
29	221.1	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
30	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
31	194.3	172.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
32	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
33	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
34	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
35	217.9	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
36	217.7	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
37	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
38	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
39	221.1	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
40	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
日 照 率	27	28	29	30	31	32	33	34	35	36	37	38
1	27	28	29	30	31	32	33	34	35	36	37	38
2	27	28	29	30	31	32	33	34	35	36	37	38

STAT

STAT

RESTRICTED
Dairen

	1	2	3	4	5	6	7	8	9	10	11	12
Percentage of insolation capacity	60	62	64	66	68	70	72	74	76	78	80	82
Evaporative capacity	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
1	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
2	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
3	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
4	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
5	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
6	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
7	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
8	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
9	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
10	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
11	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
12	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
13	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
14	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
15	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
16	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
17	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
18	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
19	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
20	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
21	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
22	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
23	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
24	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
25	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
26	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
27	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
28	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
29	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
30	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
31	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
32	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
33	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
34	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
35	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
36	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
37	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
38	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
39	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5
40	35.0	35.5	36.0	36.5	37.0	37.5	38.0	38.5	39.0	39.5	40.0	40.5

RESTRICTED 34

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

Percentage of insolation capacity

Evaporative capacity

STAT

STAT

RESTRICTED

Dairen

Evaporative capacity

Maximum evaporative capacity per day

Maximum earth temperature

	1月	2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	全年
1935	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1936	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1937	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1938	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1939	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1940	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1941	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1942	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1943	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1944	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1945	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1946	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1947	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1948	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1949	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1950	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1951	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1952	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1953	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1954	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1955	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1956	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1957	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1958	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1959	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1960	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1961	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1962	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1963	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1964	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1965	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1966	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1967	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1968	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1969	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1970	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1971	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1972	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1973	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1974	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1975	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1976	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1977	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1978	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1979	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1980	6.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

35

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

大 連 Dairen

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1900	-21.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
01	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
02	-28.8	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
03	-29.7	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
04	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
05	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
06	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
07	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
08	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
09	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
10	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
11	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
12	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
13	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
14	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
15	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
16	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
17	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
18	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
19	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
20	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
21	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
22	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
23	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
24	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
25	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
26	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
27	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
28	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
29	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
30	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
31	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
32	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
33	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
34	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
35	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
36	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
37	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
38	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
39	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
40	-27.6	-28.8	-28.8	-14.1	5.7	22.8	25.8	22.8	12.8	2.8	-12.8	-22.8	-12.8
1908	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
9	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
10	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
11	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
12	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
13	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
14	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
15	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
16	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
17	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
18	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
19	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
20	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
21	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
22	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
23	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
24	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
25	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
26	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
27	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
28	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
29	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
30	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
31	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
32	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
33	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
34	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
35	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
36	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
37	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
38	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
39	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8
40	-4.8	-2.7	4.5	12.8	18.4	27.1	28.8	27.1	18.4	4.5	-2.7	-4.8	12.8

Maximum earth temperature

Average ground level temperature

Underground temperature

STAT

STAT

36 RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

Dairen

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1908	-1.8	-2.2	1.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
1909	-1.7	-2.2	1.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
1910	-1.8	-1.9	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1911	-2.2	-1.3	0.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1912	-1.3	-1.4	0.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1913	0.3	-0.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1914	-0.6	-1.0	-0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1915	1.0	0.8	0.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1916	-1.4	-1.3	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1917	-1.1	-1.0	0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1918	-1.1	-1.1	0.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
1919	-1.1	-1.1	0.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
1920	-1.1	-1.6	0.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
1921	-1.1	-0.5	0.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
1922	-1.1	-0.5	0.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
1923	-1.3	-1.8	1.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1924	-1.5	-1.4	0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1925	-1.1	-1.7	1.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
1926	-1.7	-0.7	0.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1927	-1.1	-1.6	1.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1928	-1.0	-1.4	1.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1929	-1.1	-1.7	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1930	-1.0	-1.5	1.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1931	-1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1932	-0.7	-1.1	1.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1933	-1.0	-1.0	0.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
1934	-1.0	-1.4	1.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1935	0.0	0.5	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1936	-1.1	-1.1	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1937	-0.8	-1.3	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1938	-1.1	-1.1	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1939	-1.1	-0.3	0.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
1940	-1.0	-1.5	1.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1941	0.1	-0.1	1.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1942	1.1	0.1	1.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1943	0.1	-0.7	0.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1944	-0.1	-0.1	1.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
1945	0.1	0.3	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1946	0.1	-0.1	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1947	1.7	1.0	0.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1948	1.3	-0.4	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1949	1.3	-0.4	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1950	-0.1	-0.1	1.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
1951	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1952	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1953	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1954	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1955	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1956	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1957	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1958	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1959	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1960	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1961	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1962	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1963	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1964	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1965	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1966	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1967	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1968	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1969	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1970	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1971	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1972	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1973	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1974	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1975	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1976	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1977	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1978	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1979	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1980	1.1	-1.1	0.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

Underground temperature

Underground temperature

STAT

STAT

38 RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

Underground temperature

Underground temperature

Underground temperature

RESTRICTED

(cm)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50							
1			
2

39 RESTRICTED

STAT

STAT

RESTRICTED

Dairen

Underground temperature

Underground temperature

Date	Monthly Data (1941)															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
1940	120	110	105	98	92	87	105	100	100	100	100	100	100	100	100	100
1939	120	117	104	94	85	85	104	100	100	100	100	100	100	100	100	100
1938	120	115	102	92	82	82	102	100	100	100	100	100	100	100	100	100
1937	120	112	98	88	78	78	100	100	100	100	100	100	100	100	100	100
1936	120	110	95	85	75	75	100	100	100	100	100	100	100	100	100	100
1935	120	108	92	82	72	72	100	100	100	100	100	100	100	100	100	100
1934	120	105	88	78	68	68	100	100	100	100	100	100	100	100	100	100
1933	120	102	85	75	65	65	100	100	100	100	100	100	100	100	100	100
1932	120	100	82	72	62	62	100	100	100	100	100	100	100	100	100	100
1931	120	98	80	70	60	60	100	100	100	100	100	100	100	100	100	100
1930	120	95	78	68	58	58	100	100	100	100	100	100	100	100	100	100
1929	120	92	75	65	55	55	100	100	100	100	100	100	100	100	100	100
1928	120	90	72	62	52	52	100	100	100	100	100	100	100	100	100	100
1927	120	88	70	60	50	50	100	100	100	100	100	100	100	100	100	100
1926	120	85	68	58	48	48	100	100	100	100	100	100	100	100	100	100
1925	120	82	65	55	45	45	100	100	100	100	100	100	100	100	100	100
1924	120	80	62	52	42	42	100	100	100	100	100	100	100	100	100	100
1923	120	78	60	50	40	40	100	100	100	100	100	100	100	100	100	100
1922	120	75	58	48	38	38	100	100	100	100	100	100	100	100	100	100
1921	120	72	55	45	35	35	100	100	100	100	100	100	100	100	100	100
1920	120	70	52	42	32	32	100	100	100	100	100	100	100	100	100	100
1919	120	68	50	40	30	30	100	100	100	100	100	100	100	100	100	100
1918	120	65	48	38	28	28	100	100	100	100	100	100	100	100	100	100
1917	120	62	45	35	25	25	100	100	100	100	100	100	100	100	100	100
1916	120	60	42	32	22	22	100	100	100	100	100	100	100	100	100	100
1915	120	58	40	30	20	20	100	100	100	100	100	100	100	100	100	100
1914	120	55	38	28	18	18	100	100	100	100	100	100	100	100	100	100
1913	120	52	35	25	15	15	100	100	100	100	100	100	100	100	100	100
1912	120	50	32	22	12	12	100	100	100	100	100	100	100	100	100	100
1911	120	48	30	20	10	10	100	100	100	100	100	100	100	100	100	100
1910	120	45	28	18	8	8	100	100	100	100	100	100	100	100	100	100
1909	120	42	25	15	6	6	100	100	100	100	100	100	100	100	100	100
1908	120	40	22	12	4	4	100	100	100	100	100	100	100	100	100	100
1907	120	38	20	10	2	2	100	100	100	100	100	100	100	100	100	100
1906	120	35	18	8	0	0	100	100	100	100	100	100	100	100	100	100
1905	120	32	15	6	-2	-2	100	100	100	100	100	100	100	100	100	100
1904	120	30	12	4	-4	-4	100	100	100	100	100	100	100	100	100	100
1903	120	28	10	2	-6	-6	100	100	100	100	100	100	100	100	100	100
1902	120	25	8	0	-8	-8	100	100	100	100	100	100	100	100	100	100
1901	120	22	6	-2	-10	-10	100	100	100	100	100	100	100	100	100	100
1900	120	20	4	-4	-12	-12	100	100	100	100	100	100	100	100	100	100

40 RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

Dairen

Number of rainy days

Number of clear days

Year	1	2	3	4	5	6	7	8	9	10	11	12
1906	2	1	0	0	0	0	0	0	0	0	0	0
1907	3	2	1	1	1	1	1	1	1	1	1	1
1908	4	3	2	2	2	2	2	2	2	2	2	2
1909	5	4	3	3	3	3	3	3	3	3	3	3
1910	6	5	4	4	4	4	4	4	4	4	4	4
1911	7	6	5	5	5	5	5	5	5	5	5	5
1912	8	7	6	6	6	6	6	6	6	6	6	6
1913	9	8	7	7	7	7	7	7	7	7	7	7
1914	10	9	8	8	8	8	8	8	8	8	8	8
1915	11	10	9	9	9	9	9	9	9	9	9	9
1916	12	11	10	10	10	10	10	10	10	10	10	10
1917	13	12	11	11	11	11	11	11	11	11	11	11
1918	14	13	12	12	12	12	12	12	12	12	12	12
1919	15	14	13	13	13	13	13	13	13	13	13	13
1920	16	15	14	14	14	14	14	14	14	14	14	14
1921	17	16	15	15	15	15	15	15	15	15	15	15
1922	18	17	16	16	16	16	16	16	16	16	16	16
1923	19	18	17	17	17	17	17	17	17	17	17	17
1924	20	19	18	18	18	18	18	18	18	18	18	18
1925	21	20	19	19	19	19	19	19	19	19	19	19
1926	22	21	20	20	20	20	20	20	20	20	20	20
1927	23	22	21	21	21	21	21	21	21	21	21	21
1928	24	23	22	22	22	22	22	22	22	22	22	22
1929	25	24	23	23	23	23	23	23	23	23	23	23
1930	26	25	24	24	24	24	24	24	24	24	24	24
1931	27	26	25	25	25	25	25	25	25	25	25	25
1932	28	27	26	26	26	26	26	26	26	26	26	26
1933	29	28	27	27	27	27	27	27	27	27	27	27
1934	30	29	28	28	28	28	28	28	28	28	28	28
1935	31	30	29	29	29	29	29	29	29	29	29	29
1936	32	31	30	30	30	30	30	30	30	30	30	30
1937	33	32	31	31	31	31	31	31	31	31	31	31
1938	34	33	32	32	32	32	32	32	32	32	32	32
1939	35	34	33	33	33	33	33	33	33	33	33	33
1940	36	35	34	34	34	34	34	34	34	34	34	34
1941	37	36	35	35	35	35	35	35	35	35	35	35
1942	38	37	36	36	36	36	36	36	36	36	36	36

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

Dairen

Number of clear days

Number of cloudy days

Number of foggy days

Date	Month							Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	
1941	10	13	12	11	9	6	4	75
1942	11	11	11	10	7	5	4	69
1943	10	10	10	10	7	5	4	66
1944	10	10	10	10	7	5	4	66
1945	10	10	10	10	7	5	4	66
1946	10	10	10	10	7	5	4	66
1947	10	10	10	10	7	5	4	66
1948	10	10	10	10	7	5	4	66
1949	10	10	10	10	7	5	4	66
1950	10	10	10	10	7	5	4	66
1951	10	10	10	10	7	5	4	66
1952	10	10	10	10	7	5	4	66
1953	10	10	10	10	7	5	4	66
1954	10	10	10	10	7	5	4	66
1955	10	10	10	10	7	5	4	66
1956	10	10	10	10	7	5	4	66
1957	10	10	10	10	7	5	4	66
1958	10	10	10	10	7	5	4	66
1959	10	10	10	10	7	5	4	66
1960	10	10	10	10	7	5	4	66
1961	10	10	10	10	7	5	4	66
1962	10	10	10	10	7	5	4	66
1963	10	10	10	10	7	5	4	66
1964	10	10	10	10	7	5	4	66
1965	10	10	10	10	7	5	4	66
1966	10	10	10	10	7	5	4	66
1967	10	10	10	10	7	5	4	66
1968	10	10	10	10	7	5	4	66
1969	10	10	10	10	7	5	4	66
1970	10	10	10	10	7	5	4	66
1971	10	10	10	10	7	5	4	66
1972	10	10	10	10	7	5	4	66
1973	10	10	10	10	7	5	4	66
1974	10	10	10	10	7	5	4	66
1975	10	10	10	10	7	5	4	66
1976	10	10	10	10	7	5	4	66
1977	10	10	10	10	7	5	4	66
1978	10	10	10	10	7	5	4	66
1979	10	10	10	10	7	5	4	66
1980	10	10	10	10	7	5	4	66
1981	10	10	10	10	7	5	4	66
1982	10	10	10	10	7	5	4	66
1983	10	10	10	10	7	5	4	66
1984	10	10	10	10	7	5	4	66
1985	10	10	10	10	7	5	4	66
1986	10	10	10	10	7	5	4	66
1987	10	10	10	10	7	5	4	66
1988	10	10	10	10	7	5	4	66
1989	10	10	10	10	7	5	4	66
1990	10	10	10	10	7	5	4	66
1991	10	10	10	10	7	5	4	66
1992	10	10	10	10	7	5	4	66
1993	10	10	10	10	7	5	4	66
1994	10	10	10	10	7	5	4	66
1995	10	10	10	10	7	5	4	66
1996	10	10	10	10	7	5	4	66
1997	10	10	10	10	7	5	4	66
1998	10	10	10	10	7	5	4	66
1999	10	10	10	10	7	5	4	66
2000	10	10	10	10	7	5	4	66
2001	10	10	10	10	7	5	4	66
2002	10	10	10	10	7	5	4	66
2003	10	10	10	10	7	5	4	66
2004	10	10	10	10	7	5	4	66
2005	10	10	10	10	7	5	4	66
2006	10	10	10	10	7	5	4	66
2007	10	10	10	10	7	5	4	66
2008	10	10	10	10	7	5	4	66
2009	10	10	10	10	7	5	4	66
2010	10	10	10	10	7	5	4	66
2011	10	10	10	10	7	5	4	66
2012	10	10	10	10	7	5	4	66

STAT

RESTRICTED

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

Dairen

STAT

Number of foggy days

Number of days of hail

Number of days of soft hail

	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1941	1	1	1	1	1	1	1	1	1	1	1	1	12
1942	1	1	1	1	1	1	1	1	1	1	1	1	12
1943	1	1	1	1	1	1	1	1	1	1	1	1	12
1944	1	1	1	1	1	1	1	1	1	1	1	1	12
1945	1	1	1	1	1	1	1	1	1	1	1	1	12
1946	1	1	1	1	1	1	1	1	1	1	1	1	12
1947	1	1	1	1	1	1	1	1	1	1	1	1	12
1948	1	1	1	1	1	1	1	1	1	1	1	1	12
1949	1	1	1	1	1	1	1	1	1	1	1	1	12
1950	1	1	1	1	1	1	1	1	1	1	1	1	12
1951	1	1	1	1	1	1	1	1	1	1	1	1	12
1952	1	1	1	1	1	1	1	1	1	1	1	1	12
1953	1	1	1	1	1	1	1	1	1	1	1	1	12
1954	1	1	1	1	1	1	1	1	1	1	1	1	12
1955	1	1	1	1	1	1	1	1	1	1	1	1	12
1956	1	1	1	1	1	1	1	1	1	1	1	1	12
1957	1	1	1	1	1	1	1	1	1	1	1	1	12
1958	1	1	1	1	1	1	1	1	1	1	1	1	12
1959	1	1	1	1	1	1	1	1	1	1	1	1	12
1960	1	1	1	1	1	1	1	1	1	1	1	1	12
1961	1	1	1	1	1	1	1	1	1	1	1	1	12
1962	1	1	1	1	1	1	1	1	1	1	1	1	12
1963	1	1	1	1	1	1	1	1	1	1	1	1	12
1964	1	1	1	1	1	1	1	1	1	1	1	1	12
1965	1	1	1	1	1	1	1	1	1	1	1	1	12
1966	1	1	1	1	1	1	1	1	1	1	1	1	12
1967	1	1	1	1	1	1	1	1	1	1	1	1	12
1968	1	1	1	1	1	1	1	1	1	1	1	1	12
1969	1	1	1	1	1	1	1	1	1	1	1	1	12
1970	1	1	1	1	1	1	1	1	1	1	1	1	12
1971	1	1	1	1	1	1	1	1	1	1	1	1	12
1972	1	1	1	1	1	1	1	1	1	1	1	1	12
1973	1	1	1	1	1	1	1	1	1	1	1	1	12
1974	1	1	1	1	1	1	1	1	1	1	1	1	12
1975	1	1	1	1	1	1	1	1	1	1	1	1	12
1976	1	1	1	1	1	1	1	1	1	1	1	1	12
1977	1	1	1	1	1	1	1	1	1	1	1	1	12
1978	1	1	1	1	1	1	1	1	1	1	1	1	12
1979	1	1	1	1	1	1	1	1	1	1	1	1	12
1980	1	1	1	1	1	1	1	1	1	1	1	1	12
1981	1	1	1	1	1	1	1	1	1	1	1	1	12
1982	1	1	1	1	1	1	1	1	1	1	1	1	12
1983	1	1	1	1	1	1	1	1	1	1	1	1	12
1984	1	1	1	1	1	1	1	1	1	1	1	1	12
1985	1	1	1	1	1	1	1	1	1	1	1	1	12
1986	1	1	1	1	1	1	1	1	1	1	1	1	12
1987	1	1	1	1	1	1	1	1	1	1	1	1	12
1988	1	1	1	1	1	1	1	1	1	1	1	1	12
1989	1	1	1	1	1	1	1	1	1	1	1	1	12
1990	1	1	1	1	1	1	1	1	1	1	1	1	12
1991	1	1	1	1	1	1	1	1	1	1	1	1	12
1992	1	1	1	1	1	1	1	1	1	1	1	1	12
1993	1	1	1	1	1	1	1	1	1	1	1	1	12
1994	1	1	1	1	1	1	1	1	1	1	1	1	12
1995	1	1	1	1	1	1	1	1	1	1	1	1	12
1996	1	1	1	1	1	1	1	1	1	1	1	1	12
1997	1	1	1	1	1	1	1	1	1	1	1	1	12
1998	1	1	1	1	1	1	1	1	1	1	1	1	12
1999	1	1	1	1	1	1	1	1	1	1	1	1	12
2000	1	1	1	1	1	1	1	1	1	1	1	1	12

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

Dairen

Number of days of soft hail

Number of days without sunshine

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1918	3	1	1	1	1	1	1	1	1	1	1	1	12
19	1	1	1	1	1	1	1	1	1	1	1	1	12
20	1	1	1	1	1	1	1	1	1	1	1	1	12
21	1	1	1	1	1	1	1	1	1	1	1	1	12
22	1	1	1	1	1	1	1	1	1	1	1	1	12
23	1	1	1	1	1	1	1	1	1	1	1	1	12
24	1	1	1	1	1	1	1	1	1	1	1	1	12
25	1	1	1	1	1	1	1	1	1	1	1	1	12
26	1	1	1	1	1	1	1	1	1	1	1	1	12
27	1	1	1	1	1	1	1	1	1	1	1	1	12
28	1	1	1	1	1	1	1	1	1	1	1	1	12
29	1	1	1	1	1	1	1	1	1	1	1	1	12
30	1	1	1	1	1	1	1	1	1	1	1	1	12
31	1	1	1	1	1	1	1	1	1	1	1	1	12
32	1	1	1	1	1	1	1	1	1	1	1	1	12
33	1	1	1	1	1	1	1	1	1	1	1	1	12
34	1	1	1	1	1	1	1	1	1	1	1	1	12
35	1	1	1	1	1	1	1	1	1	1	1	1	12
36	1	1	1	1	1	1	1	1	1	1	1	1	12
37	1	1	1	1	1	1	1	1	1	1	1	1	12
38	1	1	1	1	1	1	1	1	1	1	1	1	12
39	1	1	1	1	1	1	1	1	1	1	1	1	12
40	1	1	1	1	1	1	1	1	1	1	1	1	12
不測日数	1905	3	1	1	1	1	1	1	1	1	1	1	12
6	1	1	1	1	1	1	1	1	1	1	1	1	12
7	1	1	1	1	1	1	1	1	1	1	1	1	12
8	1	1	1	1	1	1	1	1	1	1	1	1	12
9	1	1	1	1	1	1	1	1	1	1	1	1	12
10	1	1	1	1	1	1	1	1	1	1	1	1	12
11	1	1	1	1	1	1	1	1	1	1	1	1	12
12	1	1	1	1	1	1	1	1	1	1	1	1	12
13	1	1	1	1	1	1	1	1	1	1	1	1	12
14	1	1	1	1	1	1	1	1	1	1	1	1	12
15	1	1	1	1	1	1	1	1	1	1	1	1	12
16	1	1	1	1	1	1	1	1	1	1	1	1	12
17	1	1	1	1	1	1	1	1	1	1	1	1	12
18	1	1	1	1	1	1	1	1	1	1	1	1	12
19	1	1	1	1	1	1	1	1	1	1	1	1	12
20	1	1	1	1	1	1	1	1	1	1	1	1	12
21	1	1	1	1	1	1	1	1	1	1	1	1	12
22	1	1	1	1	1	1	1	1	1	1	1	1	12
23	1	1	1	1	1	1	1	1	1	1	1	1	12
24	1	1	1	1	1	1	1	1	1	1	1	1	12
25	1	1	1	1	1	1	1	1	1	1	1	1	12
26	1	1	1	1	1	1	1	1	1	1	1	1	12
27	1	1	1	1	1	1	1	1	1	1	1	1	12
28	1	1	1	1	1	1	1	1	1	1	1	1	12
29	1	1	1	1	1	1	1	1	1	1	1	1	12
30	1	1	1	1	1	1	1	1	1	1	1	1	12
31	1	1	1	1	1	1	1	1	1	1	1	1	12
32	1	1	1	1	1	1	1	1	1	1	1	1	12
33	1	1	1	1	1	1	1	1	1	1	1	1	12
34	1	1	1	1	1	1	1	1	1	1	1	1	12
35	1	1	1	1	1	1	1	1	1	1	1	1	12
36	1	1	1	1	1	1	1	1	1	1	1	1	12
37	1	1	1	1	1	1	1	1	1	1	1	1	12
38	1	1	1	1	1	1	1	1	1	1	1	1	12
39	1	1	1	1	1	1	1	1	1	1	1	1	12
40	1	1	1	1	1	1	1	1	1	1	1	1	12

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 ()

44 **RESTRICTED**

STAT

STAT

166

RESTRICTED
Dairen

Number of days without sunshine

Number of days of electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1936	1	2	1	3	2	1	1	1	1	1	1	1	13
37	1	2	1	3	2	1	1	1	1	1	1	1	13
38	1	2	1	3	2	1	1	1	1	1	1	1	13
39	1	2	1	3	2	1	1	1	1	1	1	1	13
40	1	2	1	3	2	1	1	1	1	1	1	1	13
全年	1	2	1	3	2	1	1	1	1	1	1	1	13
1937	1	2	1	3	2	1	1	1	1	1	1	1	13
1	1	2	1	3	2	1	1	1	1	1	1	1	13
2	1	2	1	3	2	1	1	1	1	1	1	1	13
3	1	2	1	3	2	1	1	1	1	1	1	1	13
4	1	2	1	3	2	1	1	1	1	1	1	1	13
5	1	2	1	3	2	1	1	1	1	1	1	1	13
6	1	2	1	3	2	1	1	1	1	1	1	1	13
7	1	2	1	3	2	1	1	1	1	1	1	1	13
8	1	2	1	3	2	1	1	1	1	1	1	1	13
9	1	2	1	3	2	1	1	1	1	1	1	1	13
10	1	2	1	3	2	1	1	1	1	1	1	1	13
11	1	2	1	3	2	1	1	1	1	1	1	1	13
12	1	2	1	3	2	1	1	1	1	1	1	1	13
13	1	2	1	3	2	1	1	1	1	1	1	1	13
14	1	2	1	3	2	1	1	1	1	1	1	1	13
15	1	2	1	3	2	1	1	1	1	1	1	1	13
16	1	2	1	3	2	1	1	1	1	1	1	1	13
17	1	2	1	3	2	1	1	1	1	1	1	1	13
18	1	2	1	3	2	1	1	1	1	1	1	1	13
19	1	2	1	3	2	1	1	1	1	1	1	1	13
20	1	2	1	3	2	1	1	1	1	1	1	1	13
21	1	2	1	3	2	1	1	1	1	1	1	1	13
22	1	2	1	3	2	1	1	1	1	1	1	1	13
23	1	2	1	3	2	1	1	1	1	1	1	1	13
24	1	2	1	3	2	1	1	1	1	1	1	1	13
25	1	2	1	3	2	1	1	1	1	1	1	1	13
26	1	2	1	3	2	1	1	1	1	1	1	1	13
27	1	2	1	3	2	1	1	1	1	1	1	1	13
28	1	2	1	3	2	1	1	1	1	1	1	1	13
29	1	2	1	3	2	1	1	1	1	1	1	1	13
30	1	2	1	3	2	1	1	1	1	1	1	1	13
31	1	2	1	3	2	1	1	1	1	1	1	1	13
32	1	2	1	3	2	1	1	1	1	1	1	1	13
33	1	2	1	3	2	1	1	1	1	1	1	1	13
34	1	2	1	3	2	1	1	1	1	1	1	1	13
35	1	2	1	3	2	1	1	1	1	1	1	1	13
36	1	2	1	3	2	1	1	1	1	1	1	1	13
37	1	2	1	3	2	1	1	1	1	1	1	1	13
38	1	2	1	3	2	1	1	1	1	1	1	1	13
39	1	2	1	3	2	1	1	1	1	1	1	1	13
40	1	2	1	3	2	1	1	1	1	1	1	1	13
全年	1	2	1	3	2	1	1	1	1	1	1	1	13
1938	1	2	1	3	2	1	1	1	1	1	1	1	13
1	1	2	1	3	2	1	1	1	1	1	1	1	13
2	1	2	1	3	2	1	1	1	1	1	1	1	13
3	1	2	1	3	2	1	1	1	1	1	1	1	13
4	1	2	1	3	2	1	1	1	1	1	1	1	13
5	1	2	1	3	2	1	1	1	1	1	1	1	13
6	1	2	1	3	2	1	1	1	1	1	1	1	13
7	1	2	1	3	2	1	1	1	1	1	1	1	13
8	1	2	1	3	2	1	1	1	1	1	1	1	13
9	1	2	1	3	2	1	1	1	1	1	1	1	13
10	1	2	1	3	2	1	1	1	1	1	1	1	13
11	1	2	1	3	2	1	1	1	1	1	1	1	13
12	1	2	1	3	2	1	1	1	1	1	1	1	13
13	1	2	1	3	2	1	1	1	1	1	1	1	13
14	1	2	1	3	2	1	1	1	1	1	1	1	13
15	1	2	1	3	2	1	1	1	1	1	1	1	13
16	1	2	1	3	2	1	1	1	1	1	1	1	13
17	1	2	1	3	2	1	1	1	1	1	1	1	13
18	1	2	1	3	2	1	1	1	1	1	1	1	13
19	1	2	1	3	2	1	1	1	1	1	1	1	13
20	1	2	1	3	2	1	1	1	1	1	1	1	13
21	1	2	1	3	2	1	1	1	1	1	1	1	13
22	1	2	1	3	2	1	1	1	1	1	1	1	13
23	1	2	1	3	2	1	1	1	1	1	1	1	13
24	1	2	1	3	2	1	1	1	1	1	1	1	13
25	1	2	1	3	2	1	1	1	1	1	1	1	13
26	1	2	1	3	2	1	1	1	1	1	1	1	13
27	1	2	1	3	2	1	1	1	1	1	1	1	13
28	1	2	1	3	2	1	1	1	1	1	1	1	13
29	1	2	1	3	2	1	1	1	1	1	1	1	13
30	1	2	1	3	2	1	1	1	1	1	1	1	13
31	1	2	1	3	2	1	1	1	1	1	1	1	13
全年	1	2	1	3	2	1	1	1	1	1	1	1	13

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

45 RESTRICTED

STAT

STAT

RESTRICTED

Dairen

STAT

Number of stormy days

Number of earthquakes

Maximum snowfall

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1901	7	5	6	10	14	14	9	5	4	2	1	1	70
02	7	5	6	10	14	14	9	5	4	2	1	1	70
03	7	5	6	10	14	14	9	5	4	2	1	1	70
04	7	5	6	10	14	14	9	5	4	2	1	1	70
05	7	5	6	10	14	14	9	5	4	2	1	1	70
06	7	5	6	10	14	14	9	5	4	2	1	1	70
07	7	5	6	10	14	14	9	5	4	2	1	1	70
08	7	5	6	10	14	14	9	5	4	2	1	1	70
09	7	5	6	10	14	14	9	5	4	2	1	1	70
10	7	5	6	10	14	14	9	5	4	2	1	1	70
11	7	5	6	10	14	14	9	5	4	2	1	1	70
12	7	5	6	10	14	14	9	5	4	2	1	1	70
13	7	5	6	10	14	14	9	5	4	2	1	1	70
14	7	5	6	10	14	14	9	5	4	2	1	1	70
15	7	5	6	10	14	14	9	5	4	2	1	1	70
16	7	5	6	10	14	14	9	5	4	2	1	1	70
17	7	5	6	10	14	14	9	5	4	2	1	1	70
18	7	5	6	10	14	14	9	5	4	2	1	1	70
19	7	5	6	10	14	14	9	5	4	2	1	1	70
20	7	5	6	10	14	14	9	5	4	2	1	1	70
21	7	5	6	10	14	14	9	5	4	2	1	1	70
22	7	5	6	10	14	14	9	5	4	2	1	1	70
23	7	5	6	10	14	14	9	5	4	2	1	1	70
24	7	5	6	10	14	14	9	5	4	2	1	1	70
25	7	5	6	10	14	14	9	5	4	2	1	1	70
26	7	5	6	10	14	14	9	5	4	2	1	1	70
27	7	5	6	10	14	14	9	5	4	2	1	1	70
28	7	5	6	10	14	14	9	5	4	2	1	1	70
29	7	5	6	10	14	14	9	5	4	2	1	1	70
30	7	5	6	10	14	14	9	5	4	2	1	1	70
31	7	5	6	10	14	14	9	5	4	2	1	1	70
32	7	5	6	10	14	14	9	5	4	2	1	1	70
33	7	5	6	10	14	14	9	5	4	2	1	1	70
34	7	5	6	10	14	14	9	5	4	2	1	1	70
35	7	5	6	10	14	14	9	5	4	2	1	1	70
36	7	5	6	10	14	14	9	5	4	2	1	1	70
37	7	5	6	10	14	14	9	5	4	2	1	1	70
38	7	5	6	10	14	14	9	5	4	2	1	1	70
39	7	5	6	10	14	14	9	5	4	2	1	1	70
40	7	5	6	10	14	14	9	5	4	2	1	1	70
41	7	5	6	10	14	14	9	5	4	2	1	1	70
42	7	5	6	10	14	14	9	5	4	2	1	1	70
43	7	5	6	10	14	14	9	5	4	2	1	1	70
44	7	5	6	10	14	14	9	5	4	2	1	1	70
45	7	5	6	10	14	14	9	5	4	2	1	1	70
46	7	5	6	10	14	14	9	5	4	2	1	1	70
47	7	5	6	10	14	14	9	5	4	2	1	1	70
48	7	5	6	10	14	14	9	5	4	2	1	1	70
49	7	5	6	10	14	14	9	5	4	2	1	1	70
50	7	5	6	10	14	14	9	5	4	2	1	1	70
51	7	5	6	10	14	14	9	5	4	2	1	1	70
52	7	5	6	10	14	14	9	5	4	2	1	1	70
53	7	5	6	10	14	14	9	5	4	2	1	1	70
54	7	5	6	10	14	14	9	5	4	2	1	1	70
55	7	5	6	10	14	14	9	5	4	2	1	1	70
56	7	5	6	10	14	14	9	5	4	2	1	1	70
57	7	5	6	10	14	14	9	5	4	2	1	1	70
58	7	5	6	10	14	14	9	5	4	2	1	1	70
59	7	5	6	10	14	14	9	5	4	2	1	1	70
60	7	5	6	10	14	14	9	5	4	2	1	1	70
61	7	5	6	10	14	14	9	5	4	2	1	1	70
62	7	5	6	10	14	14	9	5	4	2	1	1	70
63	7	5	6	10	14	14	9	5	4	2	1	1	70
64	7	5	6	10	14	14	9	5	4	2	1	1	70
65	7	5	6	10	14	14	9	5	4	2	1	1	70
66	7	5	6	10	14	14	9	5	4	2	1	1	70
67	7	5	6	10	14	14	9	5	4	2	1	1	70
68	7	5	6	10	14	14	9	5	4	2	1	1	70
69	7	5	6	10	14	14	9	5	4	2	1	1	70
70	7	5	6	10	14	14	9	5	4	2	1	1	70
71	7	5	6	10	14	14	9	5	4	2	1	1	70
72	7	5	6	10	14	14	9	5	4	2	1	1	70
73	7	5	6	10	14	14	9	5	4	2	1	1	70
74	7	5	6	10	14	14	9	5	4	2	1	1	70
75	7	5	6	10	14	14	9	5	4	2	1	1	70
76	7	5	6	10	14	14	9	5	4	2	1	1	70
77	7	5	6	10	14	14	9	5	4	2	1	1	70
78	7	5	6	10	14	14	9	5	4	2	1	1	70
79	7	5	6	10	14	14	9	5	4	2	1	1	70
80	7	5	6	10	14	14	9	5	4	2	1	1	70
81	7	5	6	10	14	14	9	5	4	2	1	1	70
82	7	5	6	10	14	14	9	5	4	2	1	1	70
83	7	5	6	10	14	14	9	5	4	2	1	1	70
84	7	5	6	10	14	14	9	5	4	2	1	1	70
85	7	5	6	10	14	14	9	5	4	2	1	1	70
86	7	5	6	10	14	14	9	5	4	2	1	1	70
87	7	5	6	10	14	14	9	5	4	2	1	1	70
88	7	5	6	10	14	14	9	5	4	2	1	1	70
89	7	5	6	10	14	14	9	5	4	2	1	1	70
90	7	5	6	10	14	14	9	5	4	2	1	1	70
91	7	5	6	10	14	14	9	5	4	2	1	1	70
92	7	5	6	10	14	14	9	5	4	2	1	1	70
93	7	5	6	10	14	14	9	5	4	2	1	1	70
94	7	5	6	10	14	14	9	5	4	2	1	1	70
95	7	5	6	10	14	14	9	5	4	2	1	1	70
96	7	5	6	10	14	14	9	5	4	2	1	1	70
97	7	5	6	10	14	14	9	5	4	2	1	1	70
98	7	5	6	10	14	14	9	5	4	2	1	1	70
99	7	5	6	10	14	14	9	5	4	2	1	1	70
100	7	5	6	10	14	14	9	5	4	2	1	1	70

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 ()

STAT

46 RESTRICTED

RESTRICTED

Dairen

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1933	0.0	1.5	4.5	11.0	18.0	25.0	32.0	38.0	45.0	52.0	58.0	65.0	72.0
34	7.0	15.5	25.0	32.0	38.0	45.0	52.0	58.0	65.0	72.0	78.0	85.0	92.0
35	15.3	25.0	32.0	38.0	45.0	52.0	58.0	65.0	72.0	78.0	85.0	92.0	98.0
36	18.8	28.0	35.0	42.0	48.0	55.0	62.0	68.0	75.0	82.0	88.0	95.0	102.0
37	1.0	8.4	15.0	22.0	28.0	35.0	42.0	48.0	55.0	62.0	68.0	75.0	82.0
38	0.8	19.5	28.0	35.0	42.0	48.0	55.0	62.0	68.0	75.0	82.0	88.0	95.0
39	3.0	10.8	18.0	25.0	32.0	38.0	45.0	52.0	58.0	65.0	72.0	78.0	85.0
40	9.5	18.5	25.0	32.0	38.0	45.0	52.0	58.0	65.0	72.0	78.0	85.0	92.0
41	4.0	11.5	18.0	25.0	32.0	38.0	45.0	52.0	58.0	65.0	72.0	78.0	85.0
42	7.0	15.0	22.0	28.0	35.0	42.0	48.0	55.0	62.0	68.0	75.0	82.0	88.0
43	14.8	24.0	31.0	38.0	45.0	52.0	58.0	65.0	72.0	78.0	85.0	92.0	98.0
44	1.0	8.0	15.0	22.0	28.0	35.0	42.0	48.0	55.0	62.0	68.0	75.0	82.0

Maximum snowfall

Fang-huang-ch'eng

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1933	66.6	66.2	65.1	65.0	64.8	64.8	64.8	64.7	64.7	64.6	64.6	64.6	64.6
34	66.0	65.7	64.8	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
35	65.1	64.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
36	64.5	64.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
水銀氣壓 1933	76.5	68.6	69.4	69.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
34	73.8	65.7	66.2	66.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
35	70.3	72.1	72.8	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
36	71.4	70.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
水銀氣壓 1933	53.8	54.3	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
34	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
35	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
36	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
海平面氣壓 1933	73.7	69.0	67.8	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
34	72.1	68.1	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
35	70.9	68.6	68.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
36	71.7	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
海平面氣壓 1933	84.1	75.9	76.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
34	80.7	74.3	74.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
35	77.6	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
36	78.4	77.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
海平面氣壓 1933	60.7	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
34	62.4	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
35	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
36	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
平均氣壓 1933	70.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
34	70.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
35	69.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
36	68.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1

Average barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Average barometric pressure at sea level
 Maximum barometric pressure at sea level
 Minimum barometric pressure at sea level
 Average atmospheric temperature

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

47 RESTRICTED

STAT

STAT

RESTRICTED

Feng-huang-ch'eng

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

Average vapor pressure

Average humidity

Minimum degree of humidity

Average cloud density

Average wind velocity

Maximum wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最高氣溫	1933 5.1	1.9	6.6	15.4	23.0	26.9	30.0	28.3	23.1	15.1	6.1	1.3	19.5
34	7.1	3.5	7.5	15.0	22.9	26.8	24.1	18.9	12.0	5.2	1.2	1.2	19.5
35	2.1	2.8	6.9	15.8	22.9	26.5	27.1	21.1	15.1	5.1	1.1	1.1	19.5
36	5.5	3.3	3.3	14.3	21.1	24.5	28.0	24.7	19.0	6.6	1.7	1.7	19.5
最低氣溫	1933 -19.9	-15.1	-10.5	1.6	9.4	14.8	11.8	11.7	6.0	-4.9	-11.4	-14.6	1.6
34	-20.7	-13.8	-7.0	0.6	2.3	12.4	8.9	12.0	5.0	-7.9	-12.0	-12.0	1.6
35	-15.8	-9.9	-2.3	1.1	1.1	12.8	8.1	10.0	1.4	1.4	-6.3	-12.1	1.6
36	-22.0	-15.9	-6.7	1.8	7.9	12.4	8.9	13.4	2.7	2.0	-11.5	1.6	1.6
最高上限	1933 3.0	2.6	14.9	20.7	31.7	34.1	32.8	21.0	22.4	11.4	2.1	2.1	22.9
34	2.1	4.3	7.7	20.8	30.3	33.0	31.0	21.0	22.4	11.4	2.1	2.1	22.9
35	6.8	13.8	15.8	23.3	29.9	32.4	31.9	21.0	22.4	11.4	2.1	2.1	22.9
36	-3.0	2.5	12.5	20.8	31.1	31.0	35.9	31.3	21.0	11.4	2.1	2.1	22.9
最低下限	1933 -24.5	-24.4	-22.4	-5.3	2.0	6.9	17.0	12.9	6.1	-4.0	-12.0	-17.9	-22.4
34	-22.5	-20.0	-15.4	-7.0	3.5	11.3	18.9	12.8	6.1	-1.3	-12.0	-17.9	-22.4
35	-24.8	-21.4	-10.5	-1.1	1.8	6.4	15.1	12.1	2.4	-2.9	-12.0	-17.9	-22.4
36	-22.4	-23.4	-17.3	-2.9	0.0	7.6	13.3	13.5	5.3	-3.0	-12.0	-17.9	-22.4
水蒸氣壓力	1933 1.4	1.9	2.4	4.8	8.9	12.9	15.3	11.4	6.8	3.1	2.1	2.1	7.7
34	1.8	2.4	2.9	4.8	8.5	12.9	17.7	12.1	7.4	3.7	2.1	2.1	7.4
35	2.1	2.4	3.1	4.8	7.8	12.3	17.5	12.1	7.4	3.9	1.1	1.1	7.5
36	1.0	1.8	2.8	4.9	7.9	12.5	12.1	12.8	6.8	3.9	1.8	1.8	7.4
平均濕度	1933 7.3	7.5	7.0	6.0	6.9	7.7	8.7	7.9	7.5	6.9	7.5	8.0	7.4
34	7.1	7.9	7.4	6.4	6.7	7.9	8.1	7.3	6.9	7.3	7.8	7.8	7.4
35	7.8	7.3	6.1	5.7	6.0	7.7	8.1	7.7	7.0	7.3	7.8	6.9	7.4
36	7.1	7.1	7.1	6.5	6.8	7.7	7.7	8.0	7.3	7.9	7.7	7.7	7.4
最小濕度	1933 27	30	31	18	19	37	40	36	27	25	31	32	28
34	31	43	27	21	20	37	45	43	28	26	28	28	28
35	28	30	20	17	22	39	43	35	29	29	28	28	28
36	28	31	31	22	14	31	39	40	32	30	28	27	24
平均雲量	1933 1.5	2.3	4.8	4.8	5.5	6.7	6.3	5.9	4.1	3.7	3.5	2.9	4.4
34	1.5	2.3	4.1	4.9	5.8	7.0	7.7	6.1	4.4	3.2	3.2	3.3	4.4
35	2.7	2.4	3.4	3.5	3.0	6.1	7.4	2.1	3.3	3.8	4.0	3.0	4.1
36	1.4	2.3	2.8	3.5	4.8	6.7	6.9	4.3	3.3	3.9	3.9	2.9	4.3
平均風速	1933 1.8	1.3	1.4	1.7	1.4	1.8	1.8	0.8	1.0	1.4	1.4	1.1	1.4
34	1.8	1.4	1.4	1.5	1.5	2.2	1.8	0.8	1.0	1.3	1.4	0.8	1.3
35	1.7	1.7	2.2	2.1	1.7	1.4	1.3	1.1	1.4	1.9	1.9	1.9	1.7
36	1.4	2.0	2.1	2.1	1.8	1.5	1.3	1.0	1.0	1.3	1.3	0.8	1.4
最大風速	1933 2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
34	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
35	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
36	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
降雨量	1933 22.1	21.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
34	22.1	21.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
35	22.1	21.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
36	22.1	21.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

48 RESTRICTED

STAT

STAT

RESTRICTED

Feng-huang-ch'ang

STAT

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Average lowest earth temperature

Minimum earth temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最大雨量	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
日照时数	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
日照率	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
蒸发量	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
最大蒸发量	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
平均最低地温	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
最低地温	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
地中温度 (0.1m)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
地中温度 (0.3m)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
地中温度 (0.5m)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
地中温度 (1.0m)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
地中温度 (2.0m)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

49 RESTRICTED

RESTRICTED

Ying-K'ou

Average
barometric
pressure of
freezing
point

Highest
barometric
pressure of
freezing
point

Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	
Average	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
Highest	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

50 **RESTRICTED**

STAT

STAT

RESTRICTED

170
Ying-K'ou

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	80.3	80.5	78.1	78.8	80.5	80.9	81.2	80.6	80.2	80.0	79.5	78.5	80.0
29	80.5	80.5	78.1	78.8	80.5	80.9	81.2	80.6	80.2	80.0	79.5	78.5	80.0
30	80.6	80.6	78.1	78.8	80.5	80.9	81.2	80.6	80.2	80.0	79.5	78.5	80.0
31	80.4	80.6	78.0	78.5	80.5	80.9	81.2	80.6	80.2	80.0	79.5	78.5	80.0
32	79.4	80.0	77.1	78.0	80.0	80.7	81.0	80.5	80.1	79.9	79.4	78.4	79.9
33	80.1	80.6	77.5	78.8	80.4	80.8	81.1	80.5	80.1	79.9	79.4	78.4	79.9
34	80.3	80.7	77.5	78.8	80.4	80.8	81.1	80.5	80.1	79.9	79.4	78.4	79.9
35	77.6	80.5	77.1	78.1	80.1	80.5	80.9	80.3	80.0	79.8	79.3	78.3	80.0
36	81.3	80.1	80.0	79.9	80.1	80.4	80.7	80.4	80.1	79.9	79.4	78.4	80.0
37	78.3	80.1	77.4	78.3	80.1	80.4	80.7	80.4	80.1	79.9	79.4	78.4	80.0
38	80.4	75.1	73.7	74.8	80.4	80.7	80.4	80.1	79.9	79.4	78.4	77.4	78.4
39	79.8	79.0	75.1	74.6	80.7	80.4	80.1	79.9	79.4	78.4	77.4	76.4	77.4
外 國 氣 壓 (+700mm)	1905	57.7	61.1	60.7	60.6	60.3	60.7	60.3	60.3	60.4	60.0	60.0	60.0
4	58.3	61.4	60.6	61.3	60.7	60.4	60.1	60.8	60.4	60.4	60.0	60.0	60.0
5	59.3	62.7	60.9	60.9	60.3	60.1	60.1	60.2	60.2	60.2	60.0	60.0	60.0
6	59.3	62.7	60.9	60.9	60.3	60.1	60.1	60.2	60.2	60.2	60.0	60.0	60.0
7	59.3	62.7	60.9	60.9	60.3	60.1	60.1	60.2	60.2	60.2	60.0	60.0	60.0
8	59.3	62.7	60.9	60.9	60.3	60.1	60.1	60.2	60.2	60.2	60.0	60.0	60.0
9	59.3	62.7	60.9	60.9	60.3	60.1	60.1	60.2	60.2	60.2	60.0	60.0	60.0
10	57.3	60.9	60.8	60.4	60.8	61.0	60.3	60.8	60.4	60.4	60.0	60.0	60.0
11	57.3	60.9	60.8	60.4	60.8	61.0	60.3	60.8	60.4	60.4	60.0	60.0	60.0
12	57.3	60.9	60.8	60.4	60.8	61.0	60.3	60.8	60.4	60.4	60.0	60.0	60.0
13	57.3	60.9	60.8	60.4	60.8	61.0	60.3	60.8	60.4	60.4	60.0	60.0	60.0
14	56.9	60.8	60.3	60.0	60.8	61.0	60.3	60.8	60.4	60.4	60.0	60.0	60.0
15	60.8	60.6	60.8	60.4	60.3	60.5	60.4	60.4	60.4	60.4	60.4	60.4	60.4
16	58.6	59.5	58.6	59.0	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
17	58.0	58.7	58.1	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
18	61.7	57.4	67.3	62.3	60.3	60.8	60.3	60.8	60.3	60.8	60.3	60.8	60.3
19	60.5	58.3	58.3	58.6	60.1	60.3	61.0	61.0	60.8	60.5	60.1	60.1	60.5
20	60.7	60.6	60.9	60.4	61.0	61.1	60.9	60.6	60.1	60.3	60.0	60.0	60.0
21	57.7	61.3	58.3	60.9	60.4	60.5	60.5	60.1	60.7	60.6	60.7	60.7	60.7
22	61.4	57.3	58.0	60.9	60.4	60.5	60.5	60.1	60.7	60.6	60.7	60.7	60.7
23	59.8	59.3	58.0	58.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
24	59.3	58.0	58.1	58.0	60.1	60.3	60.8	60.7	60.7	60.7	60.7	60.7	60.7
25	61.0	58.9	58.3	61.0	60.3	60.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3
26	60.8	60.7	60.1	60.8	61.1	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3
27	60.9	61.5	57.4	60.8	60.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
28	60.3	60.0	56.1	58.3	60.3	60.4	60.3	60.3	60.3	60.3	60.3	60.3	60.3
29	57.5	58.1	60.8	60.3	61.8	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7
30	63.7	61.1	60.1	60.7	60.8	60.6	60.9	60.6	60.6	60.6	60.6	60.6	60.6
31	60.1	61.7	61.0	60.4	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
32	60.9	60.8	60.8	61.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
33	61.1	60.8	60.8	61.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
34	60.3	60.3	60.8	61.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
35	60.0	60.4	60.7	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
36	60.7	60.4	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
37	60.5	60.4	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
38	60.5	60.4	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
39	60.1	60.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
外 國 氣 壓 (+700mm)	1905	55.7	58.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
4	57.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
5	58.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
6	58.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
7	58.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
8	58.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
9	58.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
10	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
11	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
12	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
13	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
14	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

Highest
barometric
pressure of
freezing
point

Lowest
barometric
pressure of
freezing
point

Average
barometric
pressure at
sea level

RESTRICTED

STAT

STAT

RESTRICTED

Ying-K'ou

Average barometric pressure at sea level

Average atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1915	71.4	67.7	64.8	62.1	59.7	57.7	55.6	53.4	51.2	49.0	46.8	44.6	54.8
16	71.6	68.0	65.2	62.5	60.1	58.1	56.0	53.8	51.6	49.4	47.2	45.0	55.0
17	71.8	68.2	65.4	62.7	60.3	58.3	56.2	54.0	51.8	49.6	47.4	45.2	55.2
18	72.0	68.4	65.6	62.9	60.5	58.5	56.4	54.2	52.0	49.8	47.6	45.4	55.4
19	72.2	68.6	65.8	63.1	60.7	58.7	56.6	54.4	52.2	50.0	47.8	45.6	55.6
20	72.4	68.8	66.0	63.3	60.9	58.9	56.8	54.6	52.4	50.2	48.0	45.8	55.8
21	72.6	69.0	66.2	63.5	61.1	59.1	57.0	54.8	52.6	50.4	48.2	46.0	56.0
22	72.8	69.2	66.4	63.7	61.3	59.3	57.2	55.0	52.8	50.6	48.4	46.2	56.2
23	73.0	69.4	66.6	63.9	61.5	59.5	57.4	55.2	53.0	50.8	48.6	46.4	56.4
24	73.2	69.6	66.8	64.1	61.7	59.7	57.6	55.4	53.2	51.0	48.8	46.6	56.6
25	73.4	69.8	67.0	64.3	61.9	59.9	57.8	55.6	53.4	51.2	49.0	46.8	56.8
26	73.6	70.0	67.2	64.5	62.1	60.1	58.0	55.8	53.6	51.4	49.2	47.0	57.0
27	73.8	70.2	67.4	64.7	62.3	60.3	58.2	56.0	53.8	51.6	49.4	47.2	57.2
28	74.0	70.4	67.6	64.9	62.5	60.5	58.4	56.2	54.0	51.8	49.6	47.4	57.4
29	74.2	70.6	67.8	65.1	62.7	60.7	58.6	56.4	54.2	52.0	49.8	47.6	57.6
30	74.4	70.8	68.0	65.3	62.9	60.9	58.8	56.6	54.4	52.2	50.0	47.8	57.8
31	74.6	71.0	68.2	65.5	63.1	61.1	59.0	56.8	54.6	52.4	50.2	48.0	58.0
32	74.8	71.2	68.4	65.7	63.3	61.3	59.2	57.0	54.8	52.6	50.4	48.2	58.2
33	75.0	71.4	68.6	65.9	63.5	61.5	59.4	57.2	55.0	52.8	50.6	48.4	58.4
34	75.2	71.6	68.8	66.1	63.7	61.7	59.6	57.4	55.2	53.0	50.8	48.6	58.6
35	75.4	71.8	69.0	66.3	63.9	61.9	59.8	57.6	55.4	53.2	51.0	48.8	58.8
36	75.6	72.0	69.2	66.5	64.1	62.1	60.0	57.8	55.6	53.4	51.2	49.0	59.0
平均	74.0	70.4	67.6	64.8	62.4	60.0	57.6	55.2	52.8	50.4	48.0	45.6	56.0
1905	-4.9	-8.4	0.8	7.0	15.4	21.1	24.0	24.6	19.1	10.8	2.0	-4.7	8.8
6	-10.4	-11.9	0.7	9.9	18.6	23.8	25.0	24.7	18.7	12.5	-0.8	-5.9	8.7
7	-8.5	-9.8	0.1	10.3	15.0	21.1	23.8	24.9	18.9	12.4	-0.9	-7.4	8.5
8	-12.9	-7.5	-1.1	8.5	15.8	23.1	24.0	24.0	17.9	12.1	0.8	-2.8	8.2
9	-9.4	-6.5	-2.1	6.9	15.5	20.3	24.1	24.1	18.4	9.8	0.7	-5.5	8.0
10	-10.9	-6.7	-0.7	8.5	16.1	20.4	25.1	24.1	17.3	11.4	0.8	-2.7	7.9
11	-10.4	-8.8	-1.6	7.8	15.6	21.8	23.6	23.6	16.6	9.7	0.3	-11.5	7.7
12	-9.4	-5.6	-0.8	8.9	14.4	21.8	24.7	24.8	15.4	7.7	-1.9	-11.5	7.5
13	-12.4	-7.1	-0.7	9.8	15.3	19.8	23.7	23.5	16.4	9.4	1.8	-7.4	7.3
14	-6.8	-5.0	0.7	9.1	17.4	21.4	24.8	24.3	18.3	11.5	1.9	-5.7	8.0
15	-14.0	-2.1	-1.5	6.7	15.0	20.3	24.4	23.8	17.5	10.5	2.8	-2.8	7.2
16	-7.8	-6.1	-0.5	7.3	15.7	20.6	24.5	24.4	17.4	10.5	3.1	-10.7	7.1
17	-12.9	-7.7	0.3	8.8	14.7	22.4	23.5	23.8	17.8	12.3	2.3	-10.7	7.0
18	-10.0	-5.5	2.1	8.8	14.7	20.9	24.6	24.8	17.8	11.3	2.4	-7.3	6.8
19	-12.8	-6.4	1.1	8.8	15.9	21.7	24.6	24.6	18.4	11.4	1.4	-7.3	6.9
20	-3.3	-12.3	2.0	10.8	19.7	21.4	24.8	24.5	17.6	12.4	2.8	-11.4	6.7
21	-7.8	-5.8	0.1	8.8	15.2	20.8	24.4	24.5	17.7	12.4	2.8	-11.4	6.8
22	-15.0	-5.1	0.5	11.8	15.1	22.8	24.4	24.5	17.7	12.4	2.8	-11.4	6.9
23	-3.9	-7.0	1.9	8.8	16.1	21.0	24.4	24.5	17.8	12.4	2.8	-11.4	7.0
24	-7.5	-7.0	-1.8	8.3	16.3	21.5	24.4	24.5	17.8	12.4	2.8	-11.4	7.1
25	-1.1	-4.6	-0.5	8.2	15.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	7.2
26	-2.5	-4.4	-0.5	10.8	14.8	21.7	24.4	24.5	17.8	12.4	2.8	-11.4	7.3
27	-10.3	-7.1	1.1	12.4	23.3	21.6	24.9	24.6	17.8	12.4	2.8	-11.4	7.4
28	-9.8	-7.1	0.9	8.4	15.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	7.5
29	-10.9	-4.2	2.7	9.8	17.3	21.5	24.4	24.5	17.8	12.4	2.8	-11.4	7.6
30	-7.1	-4.5	1.4	7.4	15.4	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	7.7
31	-4.1	-10.4	-3.3	9.8	16.3	20.1	24.4	24.5	17.8	12.4	2.8	-11.4	7.8
32	-11.5	-8.3	-3.3	8.4	15.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	7.9
33	-14.7	-5.4	-1.9	8.3	17.3	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.0
34	-4.2	-4.6	2.4	10.8	20.7	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.1
35	-12.4	-1.4	-1.1	8.3	15.4	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.2
36	-4.4	-4.1	-0.8	12.4	16.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.3
37	-1.4	-1.4	1.2	12.4	16.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.4
38	-1.4	-1.4	1.2	12.4	16.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.5
39	-1.4	-1.4	1.2	12.4	16.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.6
40	-1.4	-1.4	1.2	12.4	16.8	21.4	24.4	24.5	17.8	12.4	2.8	-11.4	8.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Ying-K'ou

日	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
最高氣溫	10.0	12.0	15.0	18.0	20.0	22.0	24.0	25.0	24.0	22.0	18.0	14.0
最低氣溫	-10.0	-8.0	-5.0	-2.0	0.0	2.0	3.0	3.0	2.0	1.0	-1.0	-4.0
平均最高氣溫	10.0	12.0	15.0	18.0	20.0	22.0	24.0	25.0	24.0	22.0	18.0	14.0
平均最低氣溫	-10.0	-8.0	-5.0	-2.0	0.0	2.0	3.0	3.0	2.0	1.0	-1.0	-4.0
最高氣溫	10.0	12.0	15.0	18.0	20.0	22.0	24.0	25.0	24.0	22.0	18.0	14.0
最低氣溫	-10.0	-8.0	-5.0	-2.0	0.0	2.0	3.0	3.0	2.0	1.0	-1.0	-4.0
平均最高氣溫	10.0	12.0	15.0	18.0	20.0	22.0	24.0	25.0	24.0	22.0	18.0	14.0
平均最低氣溫	-10.0	-8.0	-5.0	-2.0	0.0	2.0	3.0	3.0	2.0	1.0	-1.0	-4.0

Average highest atmospheric temperature

Average lowest atmospheric temperature

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

53 RESTRICTED

STAT

STAT

STAT

RESTRICTED

Ying-K'ou

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1905	-14.8	-10.0	-7.4	2.8	11.8	18.0	22.1	22.0	20.0	15.0	8.0	2.0
1906	-12.6	-12.0	-7.4	4.9	9.4	15.4	20.4	20.4	18.4	13.4	6.4	0.4
1907	-12.6	-13.7	-7.4	2.6	10.8	17.4	21.4	21.4	19.4	14.4	7.4	1.4
1908	-12.6	-12.4	-7.4	2.6	10.8	17.4	21.4	21.4	19.4	14.4	7.4	1.4
1909	-17.0	-12.0	-7.4	4.6	12.1	18.1	22.1	22.1	20.1	15.1	8.1	2.1
1910	-15.6	-14.6	-7.7	1.8	10.9	17.1	21.1	21.1	19.1	14.1	7.1	1.1
1911	-12.6	-12.6	-7.7	3.1	11.1	17.1	21.1	21.1	19.1	14.1	7.1	1.1
1912	-17.2	-15.3	-7.0	5.2	11.0	18.2	21.3	21.3	19.3	14.3	7.3	1.3
1913	-12.6	-11.1	-7.3	2.0	11.0	18.2	21.4	21.4	19.4	14.4	7.4	1.4
1914	-12.3	-8.5	-7.5	4.1	10.5	17.0	20.7	20.7	18.7	13.7	6.7	0.7
1915	-12.9	-17.0	-7.3	3.0	10.1	16.4	20.7	20.7	18.7	13.7	6.7	0.7
1916	-12.1	-11.4	-7.5	4.8	11.0	16.7	21.1	21.1	19.1	14.1	7.1	1.1
1917	-17.7	-11.7	-7.0	1.4	10.2	17.2	21.2	21.2	19.2	14.2	7.2	1.2
1918	-12.6	-11.5	-7.4	4.4	10.2	16.3	20.6	20.6	18.6	13.6	6.6	0.6
1919	-17.4	-12.8	-7.0	3.1	10.4	17.4	21.4	21.4	19.4	14.4	7.4	1.4
1920	-17.4	-12.8	-7.0	3.1	10.4	17.4	21.4	21.4	19.4	14.4	7.4	1.4
1921	6.4	3.4	15.0	17.1	17.4	17.9	18.1	18.1	18.1	18.1	18.1	18.1
1922	4.1	0.7	15.8	18.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1923	6.9	1.8	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1924	2.0	4.6	12.6	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1925	2.3	3.5	11.5	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1926	5.0	4.9	13.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
1927	3.5	5.8	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1928	3.9	10.1	12.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1929	0.8	2.4	15.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1930	6.4	8.4	14.3	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1931	0.9	5.0	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1932	2.6	2.8	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1933	3.3	6.1	15.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1934	2.9	7.8	14.4	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1935	3.9	7.8	14.3	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1936	4.7	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1937	7.1	7.9	12.4	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1938	1.8	6.8	12.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1939	2.4	6.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1940	6.1	5.3	15.5	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1941	3.0	7.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1942	3.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1943	7.0	5.8	12.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1944	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1945	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1946	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1947	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1948	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1949	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1950	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1951	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1952	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1953	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1954	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1955	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1956	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1957	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1958	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1959	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1960	2.1	2.0	12.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

54 RESTRICTED

RESTRICTED

Ying-K'ou

Vapor pressure

Average humidity

Minimum degree of humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1931	68	64	63	62	61	60	59	58	57	56	55	54
32	67	63	62	61	60	59	58	57	56	55	54	53
33	66	62	61	60	59	58	57	56	55	54	53	52
34	65	61	60	59	58	57	56	55	54	53	52	51
35	64	60	59	58	57	56	55	54	53	52	51	50
36	63	59	58	57	56	55	54	53	52	51	50	49
37	62	58	57	56	55	54	53	52	51	50	49	48
38	61	57	56	55	54	53	52	51	50	49	48	47
39	60	56	55	54	53	52	51	50	49	48	47	46
40	59	55	54	53	52	51	50	49	48	47	46	45
41	58	54	53	52	51	50	49	48	47	46	45	44
42	57	53	52	51	50	49	48	47	46	45	44	43
43	56	52	51	50	49	48	47	46	45	44	43	42
44	55	51	50	49	48	47	46	45	44	43	42	41
45	54	50	49	48	47	46	45	44	43	42	41	40
46	53	49	48	47	46	45	44	43	42	41	40	39
47	52	48	47	46	45	44	43	42	41	40	39	38
48	51	47	46	45	44	43	42	41	40	39	38	37
49	50	46	45	44	43	42	41	40	39	38	37	36
50	49	45	44	43	42	41	40	39	38	37	36	35
51	48	44	43	42	41	40	39	38	37	36	35	34
52	47	43	42	41	40	39	38	37	36	35	34	33
53	46	42	41	40	39	38	37	36	35	34	33	32
54	45	41	40	39	38	37	36	35	34	33	32	31
55	44	40	39	38	37	36	35	34	33	32	31	30
56	43	39	38	37	36	35	34	33	32	31	30	29
57	42	38	37	36	35	34	33	32	31	30	29	28
58	41	37	36	35	34	33	32	31	30	29	28	27
59	40	36	35	34	33	32	31	30	29	28	27	26
60	39	35	34	33	32	31	30	29	28	27	26	25
61	38	34	33	32	31	30	29	28	27	26	25	24
62	37	33	32	31	30	29	28	27	26	25	24	23
63	36	32	31	30	29	28	27	26	25	24	23	22
64	35	31	30	29	28	27	26	25	24	23	22	21
65	34	30	29	28	27	26	25	24	23	22	21	20
66	33	29	28	27	26	25	24	23	22	21	20	19
67	32	28	27	26	25	24	23	22	21	20	19	18
68	31	27	26	25	24	23	22	21	20	19	18	17
69	30	26	25	24	23	22	21	20	19	18	17	16
70	29	25	24	23	22	21	20	19	18	17	16	15
71	28	24	23	22	21	20	19	18	17	16	15	14
72	27	23	22	21	20	19	18	17	16	15	14	13
73	26	22	21	20	19	18	17	16	15	14	13	12
74	25	21	20	19	18	17	16	15	14	13	12	11
75	24	20	19	18	17	16	15	14	13	12	11	10
76	23	19	18	17	16	15	14	13	12	11	10	9
77	22	18	17	16	15	14	13	12	11	10	9	8
78	21	17	16	15	14	13	12	11	10	9	8	7
79	20	16	15	14	13	12	11	10	9	8	7	6
80	19	15	14	13	12	11	10	9	8	7	6	5
81	18	14	13	12	11	10	9	8	7	6	5	4
82	17	13	12	11	10	9	8	7	6	5	4	3
83	16	12	11	10	9	8	7	6	5	4	3	2
84	15	11	10	9	8	7	6	5	4	3	2	1
85	14	10	9	8	7	6	5	4	3	2	1	0
86	13	9	8	7	6	5	4	3	2	1	0	-1
87	12	8	7	6	5	4	3	2	1	0	-1	-2
88	11	7	6	5	4	3	2	1	0	-1	-2	-3
89	10	6	5	4	3	2	1	0	-1	-2	-3	-4
90	9	5	4	3	2	1	0	-1	-2	-3	-4	-5
91	8	4	3	2	1	0	-1	-2	-3	-4	-5	-6
92	7	3	2	1	0	-1	-2	-3	-4	-5	-6	-7
93	6	2	1	0	-1	-2	-3	-4	-5	-6	-7	-8
94	5	1	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
95	4	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10
96	3	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11
97	2	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12
98	1	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13
99	0	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14
100	-1	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

56 RESTRICTED

STAT

STAT

176

RESTRICTED
Ying-K'ou

Minimum degree of humidity

Average cloud density

Average wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	20	24	18	14	16	17	16	15	14	13	12	11	12
29	20	24	18	14	16	17	16	15	14	13	12	11	12
30	20	24	18	14	16	17	16	15	14	13	12	11	12
31	20	24	18	14	16	17	16	15	14	13	12	11	12
32	20	24	18	14	16	17	16	15	14	13	12	11	12
33	20	24	18	14	16	17	16	15	14	13	12	11	12
34	20	24	18	14	16	17	16	15	14	13	12	11	12
35	20	24	18	14	16	17	16	15	14	13	12	11	12
36	20	24	18	14	16	17	16	15	14	13	12	11	12
37	20	24	18	14	16	17	16	15	14	13	12	11	12
38	20	24	18	14	16	17	16	15	14	13	12	11	12
39	20	24	18	14	16	17	16	15	14	13	12	11	12
平均	20	24	18	14	16	17	16	15	14	13	12	11	12
1928	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
29	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
30	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
31	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
32	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
33	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
34	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
35	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
36	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
37	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
38	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
39	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
平均	3.2	1.1	3.4	4.8	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2
1928	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
29	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
30	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
31	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
32	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
33	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
34	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
35	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
36	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
37	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
38	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
39	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
平均	2.8	1.6	3.9	4.5	4.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
1928	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
29	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
30	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
31	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
32	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
33	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
34	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
35	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
36	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
37	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
38	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
39	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
平均	4.6	4.8	5.5	5.1	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

57 **RESTRICTED**

STAT

STAT

RESTRICTED

STAT

Average
wind
velocity

Maximum
wind
velocity

Ying-K'ou

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1942	4.8	5.2	5.5	5.8	6.2	6.5	6.8	7.2	7.5	7.8	8.2	8.5	8.8	9.2	9.5	9.8	10.2	10.5	10.8	11.2	11.5	11.8	12.2	12.5
1943	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4
1944	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1
1945	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.3	10.6	10.9
1946	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7
1947	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5
1948	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.3
1949	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1
1950	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9
1951	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7
1952	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5
1953	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3
1954	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1
1955	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9
1956	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7
1957	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.5
1958	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3
1959	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1
1960	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9
1961	0.8	1.1	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7
1962	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5
1963	0.4	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3
1964	0.2	0.5	0.8	1.1	1.4	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1
1965	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

58 RESTRICTED

153

RESTRICTED

Ying-K'ou

Maximum wind velocity

Rainfall

Maximum rainfall per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1923	11.9	10.0	8.8	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
24	8.8	7.9	6.8	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
25	8.8	7.9	6.8	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
26	10.3	7.3	6.4	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
27	7.8	11.7	10.8	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
28	10.8	8.1	12.3	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
29	9.2	8.1	12.3	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
1924	1.5	0.0	7.8	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1	1.4	11.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2	0.0	0.0	1.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
3	8.1	0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4	0.1	1.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5	0.3	10.0	7.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
7	14	11.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
8	12	12	12	12	12	12	12	12	12	12	12	12
9	12	12	12	12	12	12	12	12	12	12	12	12
10	0.3	10.0	7.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
11	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
12	14	11.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
13	12	12	12	12	12	12	12	12	12	12	12	12
14	12	12	12	12	12	12	12	12	12	12	12	12
15	10.0	11.4	12.4	13.1	17.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0
16	11.3	7.8	11.8	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
17	0.0	1.7	0.0	1.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
19	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
20	11.8	7.8	11.8	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
21	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
22	7.3	8.1	10.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
23	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
24	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
25	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
26	14	7.9	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
27	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
28	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
29	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
30	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
31	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
1925	1.5	0.0	7.8	10.0	11.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1	1.4	11.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2	0.0	0.0	1.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
3	8.1	0.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4	0.1	1.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5	0.3	10.0	7.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
7	14	11.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
8	12	12	12	12	12	12	12	12	12	12	12	12
9	12	12	12	12	12	12	12	12	12	12	12	12
10	0.3	10.0	7.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
11	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
12	14	11.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
13	12	12	12	12	12	12	12	12	12	12	12	12
14	12	12	12	12	12	12	12	12	12	12	12	12
15	10.0	11.4	12.4	13.1	17.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0
16	11.3	7.8	11.8	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
17	0.0	1.7	0.0	1.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
19	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
20	11.8	7.8	11.8	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
21	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
22	7.3	8.1	10.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
23	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
24	0.0	0.0	11.3	12.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
25	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
26	14	7.9	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
27	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
28	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
29	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
30	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
31	14	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

59 RESTRICTED

STAT

STAT

RESTRICTED

Maximum rain-
fall per day

Insolation
capacity
(in hours)

日	一	二	三	四	五	六	日	一	二	三	四	五	六	日
2000	47	44	43	114	84	65	85	80	72	65	62	61	61	61
21	34	40	43	82	140	80	85	80	72	65	62	61	61	61
22	40	74	84	153	143	77	85	80	72	65	62	61	61	61
23	61	13	84	153	143	77	85	80	72	65	62	61	61	61
24	73	13	153	73	128	118	85	80	72	65	62	61	61	61
25	14	14	108	84	104	87	113	101	103	111	111	111	111	111
26	29	67	46	40	40	42	77	100	103	111	111	111	111	111
27	28	13	151	81	108	84	87	101	103	111	111	111	111	111
28	42	40	14	81	118	11	98	101	103	111	111	111	111	111
29	18	05	05	107	158	50	84	101	103	111	111	111	111	111
30	20	14	185	100	41	37	84	101	103	111	111	111	111	111
31	51	18	59	80	33	24	78	101	103	111	111	111	111	111
32	00	91	10	303	404	37	77	101	103	111	111	111	111	111
33	11	46	90	133	165	77	81	101	103	111	111	111	111	111
34	00	47	94	143	77	44	80	100	74	81	81	81	81	81
35	35	04	10	24	130	134	82	89	109	109	109	109	109	109
36	03	33	74	110	143	80	82	87	114	114	114	114	114	114
37	14	13	108	353	412	31	874	118	114	114	114	114	114	114
38	08	87	186	108	388	81	88	120	121	121	121	121	121	121
39	24	00	143	183	80	38	84	98	104	104	104	104	104	104
日照時數	1901	210	215	215	215	215	215	215	215	215	215	215	215	215
6	202	181	202	202	202	202	202	202	202	202	202	202	202	202
7	200	194	200	200	200	200	200	200	200	200	200	200	200	200
8	175	234	215	207	207	207	207	207	207	207	207	207	207	207
9	234	217	208	204	204	204	204	204	204	204	204	204	204	204
10	204	211	204	204	204	204	204	204	204	204	204	204	204	204
11	202	207	202	202	202	202	202	202	202	202	202	202	202	202
12	215	202	202	202	202	202	202	202	202	202	202	202	202	202
13	274	201	204	211	211	211	211	211	211	211	211	211	211	211
14	237	210	210	211	211	211	211	211	211	211	211	211	211	211
15	197	201	204	204	204	204	204	204	204	204	204	204	204	204
16	190	185	207	214	214	214	214	214	214	214	214	214	214	214
17	200	215	215	215	215	215	215	215	215	215	215	215	215	215
18	201	203	203	203	203	203	203	203	203	203	203	203	203	203
19	154	210	204	204	204	204	204	204	204	204	204	204	204	204
20	201	201	201	201	201	201	201	201	201	201	201	201	201	201
21	217	214	217	217	217	217	217	217	217	217	217	217	217	217
22	207	194	200	200	200	200	200	200	200	200	200	200	200	200
23	212	203	203	203	203	203	203	203	203	203	203	203	203	203
24	215	202	202	202	202	202	202	202	202	202	202	202	202	202
25	202	210	202	202	202	202	202	202	202	202	202	202	202	202
26	202	210	202	202	202	202	202	202	202	202	202	202	202	202
27	202	210	202	202	202	202	202	202	202	202	202	202	202	202
28	197	194	211	211	211	211	211	211	211	211	211	211	211	211
29	200	204	204	204	204	204	204	204	204	204	204	204	204	204
30	212	212	212	212	212	212	212	212	212	212	212	212	212	212
31	212	212	212	212	212	212	212	212	212	212	212	212	212	212
32	212	212	212	212	212	212	212	212	212	212	212	212	212	212
33	212	212	212	212	212	212	212	212	212	212	212	212	212	212
34	212	212	212	212	212	212	212	212	212	212	212	212	212	212
35	212	212	212	212	212	212	212	212	212	212	212	212	212	212
36	212	212	212	212	212	212	212	212	212	212	212	212	212	212
37	212	212	212	212	212	212	212	212	212	212	212	212	212	212
38	212	212	212	212	212	212	212	212	212	212	212	212	212	212
39	212	212	212	212	212	212	212	212	212	212	212	212	212	212
40	212	212	212	212	212	212	212	212	212	212	212	212	212	212

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

60 RESTRICTED

180

RESTRICTED

Ying-K'io

Percentage of insolation capacity

Evaporative capacity

	1	2	3	4	5	6	7	8	9	10	11	12
Percentage of insolation capacity	100	95	90	85	80	75	70	65	60	55	50	45
Evaporative capacity	100	95	90	85	80	75	70	65	60	55	50	45

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

61 **RESTRICTED**

STAT

STAT

Evaporative capacity

Maximum evaporative capacity per day

Minimum earth temperature

RESTRICTED												
Ying-K'ou												
年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1928	22.5	22.2	21.9	21.6	21.3	21.0	20.7	20.4	20.1	19.8	19.5	19.2
1929	22.8	22.5	22.2	21.9	21.6	21.3	21.0	20.7	20.4	20.1	19.8	19.5
1930	23.1	22.8	22.5	22.2	21.9	21.6	21.3	21.0	20.7	20.4	20.1	19.8
1931	23.4	23.1	22.8	22.5	22.2	21.9	21.6	21.3	21.0	20.7	20.4	20.1
1932	23.7	23.4	23.1	22.8	22.5	22.2	21.9	21.6	21.3	21.0	20.7	20.4
1933	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.9	21.6	21.3	21.0	20.7
1934	24.3	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.9	21.6	21.3	21.0
1935	24.6	24.3	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.9	21.6	21.3
1936	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.9	21.6
1937	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.8	22.5	22.2	21.9
1938	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.8	22.5	22.2
1939	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.8	22.5
1940	26.1	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1	22.8
1941	26.4	26.1	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4	23.1
1942	26.7	26.4	26.1	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.7	23.4
1943	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.9	24.6	24.3	24.0	23.7
1944	27.3	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.9	24.6	24.3	24.0
1945	27.6	27.3	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.9	24.6	24.3
1946	27.9	27.6	27.3	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.9	24.6
1947	28.2	27.9	27.6	27.3	27.0	26.7	26.4	26.1	25.8	25.5	25.2	24.9
1948	28.5	28.2	27.9	27.6	27.3	27.0	26.7	26.4	26.1	25.8	25.5	25.2
1949	28.8	28.5	28.2	27.9	27.6	27.3	27.0	26.7	26.4	26.1	25.8	25.5
1950	29.1	28.8	28.5	28.2	27.9	27.6	27.3	27.0	26.7	26.4	26.1	25.8
1951	29.4	29.1	28.8	28.5	28.2	27.9	27.6	27.3	27.0	26.7	26.4	26.1
1952	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6	27.3	27.0	26.7	26.4
1953	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6	27.3	27.0	26.7
1954	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6	27.3	27.0
1955	30.6	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6	27.3
1956	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9	27.6
1957	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2	27.9
1958	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.8	28.5	28.2
1959	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.8	28.5
1960	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1	28.8
1961	32.4	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4	29.1
1962	32.7	32.4	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7	29.4
1963	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0	29.7
1964	33.3	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.9	30.6	30.3	30.0
1965	33.6	33.3	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.9	30.6	30.3
1966	33.9	33.6	33.3	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.9	30.6
1967	34.2	33.9	33.6	33.3	33.0	32.7	32.4	32.1	31.8	31.5	31.2	30.9
1968	34.5	34.2	33.9	33.6	33.3	33.0	32.7	32.4	32.1	31.8	31.5	31.2
1969	34.8	34.5	34.2	33.9	33.6	33.3	33.0	32.7	32.4	32.1	31.8	31.5
1970	35.1	34.8	34.5	34.2	33.9	33.6	33.3	33.0	32.7	32.4	32.1	31.8
1971	35.4	35.1	34.8	34.5	34.2	33.9	33.6	33.3	33.0	32.7	32.4	32.1
1972	35.7	35.4	35.1	34.8	34.5	34.2	33.9	33.6	33.3	33.0	32.7	32.4
1973	36.0	35.7	35.4	35.1	34.8	34.5	34.2	33.9	33.6	33.3	33.0	32.7
1974	36.3	36.0	35.7	35.4	35.1	34.8	34.5	34.2	33.9	33.6	33.3	33.0
1975	36.6	36.3	36.0	35.7	35.4	35.1	34.8	34.5	34.2	33.9	33.6	33.3
1976	36.9	36.6	36.3	36.0	35.7	35.4	35.1	34.8	34.5	34.2	33.9	33.6
1977	37.2	36.9	36.6	36.3	36.0	35.7	35.4	35.1	34.8	34.5	34.2	33.9
1978	37.5	37.2	36.9	36.6	36.3	36.0	35.7	35.4	35.1	34.8	34.5	34.2
1979	37.8	37.5	37.2	36.9	36.6	36.3	36.0	35.7	35.4	35.1	34.8	34.5
1980	38.1	37.8	37.5	37.2	36.9	36.6	36.3	36.0	35.7	35.4	35.1	34.8
1981	38.4	38.1	37.8	37.5	37.2	36.9	36.6	36.3	36.0	35.7	35.4	35.1
1982	38.7	38.4	38.1	37.8	37.5	37.2	36.9	36.6	36.3	36.0	35.7	35.4
1983	39.0	38.7	38.4	38.1	37.8	37.5	37.2	36.9	36.6	36.3	36.0	35.7
1984	39.3	39.0	38.7	38.4	38.1	37.8	37.5	37.2	36.9	36.6	36.3	36.0
1985	39.6	39.3	39.0	38.7	38.4	38.1	37.8	37.5	37.2	36.9	36.6	36.3
1986	39.9	39.6	39.3	39.0	38.7	38.4	38.1	37.8	37.5	37.2	36.9	36.6
1987	40.2	39.9	39.6	39.3	39.0	38.7	38.4	38.1	37.8	37.5	37.2	36.9
1988	40.5	40.2	39.9	39.6	39.3	39.0	38.7	38.4	38.1	37.8	37.5	37.2
1989	40.8	40.5	40.2	39.9	39.6	39.3	39.0	38.7	38.4	38.1	37.8	37.5
1990	41.1	40.8	40.5	40.2	39.9	39.6	39.3	39.0	38.7	38.4	38.1	37.8
1991	41.4	41.1	40.8	40.5	40.2	39.9	39.6	39.3	39.0	38.7	38.4	38.1
1992	41.7	41.4	41.1	40.8	40.5	40.2	39.9	39.6	39.3	39.0	38.7	38.4
1993	42.0	41.7	41.4	41.1	40.8	40.5	40.2	39.9	39.6	39.3	39.0	38.7
1994	42.3	42.0	41.7	41.4	41.1	40.8	40.5	40.2	39.9	39.6	39.3	39.0
1995	42.6	42.3	42.0	41.7	41.4	41.1	40.8	40.5	40.2	39.9	39.6	39.3
1996	42.9	42.6	42.3	42.0	41.7	41.4	41.1	40.8	40.5	40.2	39.9	39.6
1997	43.2	42.9	42.6	42.3	42.0	41.7	41.4	41.1	40.8	40.5	40.2	39.9
1998	43.5	43.2	42.9	42.6	42.3	42.0	41.7	41.4	41.1	40.8	40.5	40.2
1999	43.8	43.5	43.2	42.9	42.6	42.3	42.0	41.7	41.4	41.1	40.8	40.5
2000	44.1	43.8	43.5	43.2	42.9	42.6	42.3	42.0	41.7	41.4	41.1	40.8

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

6 RESTRICTED

STAT

STAT

RESTRICTED

STAT

183

Ying-K'ou

Minimum earth temperature

Average ground level temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	-24.4	-21.4	-15.0	-5.5	5.0	11.0	14.0	12.0	7.0	1.0	-4.0	-10.0	1.0
19	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
20	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
21	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
22	-20.0	-16.0	-9.0	-0.0	9.0	14.0	16.0	13.0	8.0	2.0	-5.0	-11.0	2.0
23	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
24	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
25	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
26	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
27	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
28	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
29	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
30	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
31	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
32	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
33	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
34	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
35	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
36	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
37	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
38	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
39	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
40	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
1910	-25.0	-20.0	-10.0	-1.0	10.0	15.0	18.0	15.0	10.0	4.0	-4.0	-10.0	1.0
11	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
12	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
13	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
14	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
15	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
16	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
17	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
18	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
19	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
20	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
21	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
22	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
23	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
24	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
25	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
26	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
27	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
28	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
29	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
30	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
31	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
32	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
33	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
34	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
35	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
36	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
37	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
38	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
39	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0
40	-21.0	-17.0	-10.0	-1.0	8.0	13.0	15.0	12.0	7.0	1.0	-4.0	-10.0	1.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

63 RESTRICTED

RESTRICTED

Ying-K'ou

Underground temperature

Underground temperature

Underground temperature

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1904	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1905	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1906	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1907	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1908	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1909	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1910	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1911	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1912	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1913	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1914	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1915	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1916	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1917	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1918	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1919	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1920	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1921	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1922	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1923	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1924	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1925	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1926	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1927	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1928	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1929	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1930	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1931	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1932	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1933	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1934	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1935	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1936	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1937	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1938	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1939	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1940	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1941	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
1942	1.4	1.3	0.8	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

64 RESTRICTED

STAT

STAT

184

RESTRICTED

Ying-K'ou

Underground temperature

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1912	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
13	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
14	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
15	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
16	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
17	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
18	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
19	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
20	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
21	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
22	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
23	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
24	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
25	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
26	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
27	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
28	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
29	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
30	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
31	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
32	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
33	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
34	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
35	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
36	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
37	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
38	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
39	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
40	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
1910	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
11	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
12	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
13	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
14	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
15	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
16	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
17	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
18	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
19	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
20	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
21	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
22	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
23	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
24	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
25	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
26	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
27	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
28	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
29	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
30	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
31	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
32	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
33	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
34	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
35	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
36	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
37	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
38	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
39	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8
40	-2.4	-2.8	-3.2	-3.6	-4.0	-4.4	-4.8	-5.2	-5.6	-6.0	-6.4	-6.8

Underground temperature

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

65 RESTRICTED

STAT

STAT

RESTRICTED

Ying-K'ou

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1900	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1901	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1902	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1903	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1904	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1905	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1906	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1907	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1908	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1909	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1910	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1911	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1912	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1913	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1914	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1915	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1916	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1917	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1918	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1919	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1920	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1921	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1922	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1923	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1924	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1925	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1926	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1927	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1928	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1929	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1930	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

66 RESTRICTED

RESTRICTED

188

Ying-K'ou

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	年平均	最高	最低
1927	7.5	5.5	4.4	4.0	7.1	10.9	14.7	19.9	25.3	29.7	26.8	18.8	10.7	20.7	11.1
1928	7.9	5.7	4.5	4.5	—	11.1	14.4	19.5	24.9	29.1	26.1	18.7	10.7	20.7	11.1
1929	8.0	7.1	5.7	4.8	8.8	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1930	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1931	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1932	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1933	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1934	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1935	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1936	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1937	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1938	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1939	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1940	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1941	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1942	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1943	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1944	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1945	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1946	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1947	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1948	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1949	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1950	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1951	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1952	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1953	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1954	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1955	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1956	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1957	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1958	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1959	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1960	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1961	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1962	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1963	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1964	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1965	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1966	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1967	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1968	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1969	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1970	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1971	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1972	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1973	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1974	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1975	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1976	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1977	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1978	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1979	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1
1980	8.3	6.8	5.4	4.4	8.3	12.8	18.5	24.0	29.1	33.1	28.1	19.8	11.8	21.8	12.1

Underground temperature

Underground temperature

Underground temperature

STAT

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

67 RESTRICTED

RESTRICTED

Ying-K'ou

Underground temperature

Underground temperature

Number of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1934	11.8	10.4	9.1	8.7	7.8	8.7	10.0	11.4	12.8	13.4	13.5	12.7	10.8
35	11.7	10.3	9.2	8.6	7.8	8.7	10.1	11.5	12.9	13.5	13.6	12.8	10.9
36	11.9	10.2	9.1	8.7	7.8	8.7	10.0	11.4	12.8	13.4	13.5	12.7	10.8
37	11.5	9.8	8.6	7.8	7.3	8.1	9.5	11.3	12.8	13.4	13.5	12.8	10.9
38	11.4	9.9	8.6	7.8	7.3	8.1	9.5	11.3	12.8	13.4	13.5	12.8	10.9
39	11.5	10.1	8.8	7.8	7.6	8.5	9.8	11.5	13.0	13.9	13.8	13.0	10.8
40	11.7	10.1	9.2	8.1	—	8.5	9.8	11.3	12.5	—	—	—	—
1938	—	—	—	—	7.9	7.9	8.5	9.4	10.4	11.0	11.6	11.3	—
13	10.4	9.8	9.0	8.8	7.8	7.8	8.5	9.6	10.1	10.6	11.2	11.4	10.1
14	10.9	10.1	9.3	8.3	8.1	8.8	9.7	10.7	11.8	12.8	13.1	12.9	10.2
15	11.3	10.5	9.7	8.8	8.3	8.3	8.7	9.8	10.5	11.4	11.8	11.8	10.2
16	11.3	10.5	9.7	9.0	8.5	8.5	9.0	9.8	10.8	11.7	12.1	12.0	10.2
17	11.5	10.6	9.6	8.8	8.1	8.1	—	10.0	11.1	12.0	12.4	12.6	—
18	11.9	10.9	9.8	9.0	8.4	8.5	9.0	10.0	11.1	12.0	12.2	12.0	10.4
19	11.4	10.7	9.8	8.8	8.2	8.3	9.0	10.8	11.8	12.5	12.8	12.5	10.4
20	11.8	10.8	9.8	9.0	8.6	8.8	9.5	10.4	11.4	12.2	12.6	12.5	10.4
21	12.0	11.0	10.0	9.8	8.7	8.8	9.6	10.5	11.4	12.1	12.6	12.6	10.7
22	11.9	11.1	10.3	9.4	8.8	8.9	9.5	10.3	11.3	12.0	12.7	12.5	10.8
23	11.9	10.8	10.0	9.4	8.7	8.7	9.3	10.1	11.0	11.9	12.3	12.0	10.8
24	11.7	11.0	10.3	9.3	8.0	8.3	9.3	11.0	11.8	12.6	13.1	12.6	10.8
25	11.5	10.7	9.4	8.6	8.0	8.3	9.4	10.5	11.3	12.0	12.6	12.3	10.3
26	11.8	11.0	10.3	9.4	8.9	9.0	9.6	10.6	11.5	12.3	12.7	12.5	10.8
27	12.0	11.1	10.3	9.4	8.8	8.9	9.5	10.5	11.3	12.0	12.6	12.6	10.7
28	12.0	11.3	10.3	9.4	9.0	9.1	9.7	10.8	11.9	12.6	12.8	12.6	10.9
29	12.1	11.8	10.3	9.4	8.7	8.8	9.4	10.4	11.4	12.2	12.7	12.6	10.8
30	12.0	11.1	10.3	9.4	9.1	9.2	10.0	10.9	11.9	12.6	13.1	12.9	11.1
31	11.6	10.3	9.3	8.8	8.6	8.8	9.4	10.5	11.5	12.4	12.8	12.7	10.6
32	11.9	11.0	10.3	9.5	9.0	9.1	9.9	10.8	11.9	12.7	13.1	12.9	11.0
33	12.2	11.1	10.0	9.1	8.7	8.9	9.7	10.7	11.9	12.8	13.0	12.8	10.9
34	12.2	11.3	10.6	9.7	9.1	9.1	9.8	10.5	11.7	12.3	12.7	12.6	11.0
35	12.1	11.3	10.5	9.7	9.4	9.5	10.1	10.9	11.8	12.6	13.1	13.1	11.0
36	12.5	11.8	10.1	9.4	8.7	8.5	9.0	9.9	11.0	11.9	12.4	12.4	10.7
37	11.9	11.1	10.3	9.5	8.9	8.8	9.4	10.4	11.5	12.4	12.9	12.9	10.8
38	12.2	11.3	10.4	9.5	8.9	9.1	9.6	10.5	11.6	12.4	12.8	12.7	10.9
39	12.3	11.4	10.5	9.6	9.0	9.1	9.7	10.6	11.7	12.5	13.0	12.9	11.0
40	12.4	11.7	10.8	10.0	—	9.3	9.7	10.6	11.6	—	—	—	—
降水日数	3	4	3	19	7	15	10	10	8	10	8	8	8
1935	7	8	4	13	10	12	13	19	9	8	4	4	4
1936	8	8	8	11	10	10	12	12	10	8	8	8	8
1937	1	1	8	9	9	11	11	11	7	7	5	5	5
1938	1	1	1	6	6	11	11	11	11	11	11	11	11
1939	4	3	20	8	8	10	10	12	11	11	6	5	5
1940	3	3	3	4	4	11	9	9	10	10	3	3	3
1941	2	2	8	8	8	10	10	13	11	11	6	5	5
1942	8	4	4	8	8	14	10	10	11	11	8	4	4
1943	3	3	9	8	8	13	11	11	11	11	8	4	4
1944	—	—	—	—	—	—	—	—	—	—	—	—	—
1945	7	—	—	—	—	—	—	—	—	—	—	—	—
1946	4	4	3	1	1	4	10	11	11	11	11	11	11
1947	1	1	1	1	1	1	1	1	1	1	1	1	1
1948	1	1	1	1	1	1	1	1	1	1	1	1	1
1949	1	1	1	1	1	1	1	1	1	1	1	1	1
1950	1	1	1	1	1	1	1	1	1	1	1	1	1
1951	1	1	1	1	1	1	1	1	1	1	1	1	1
1952	1	1	1	1	1	1	1	1	1	1	1	1	1
1953	1	1	1	1	1	1	1	1	1	1	1	1	1
1954	1	1	1	1	1	1	1	1	1	1	1	1	1
1955	1	1	1	1	1	1	1	1	1	1	1	1	1
1956	1	1	1	1	1	1	1	1	1	1	1	1	1
1957	1	1	1	1	1	1	1	1	1	1	1	1	1
1958	1	1	1	1	1	1	1	1	1	1	1	1	1
1959	1	1	1	1	1	1	1	1	1	1	1	1	1
1960	1	1	1	1	1	1	1	1	1	1	1	1	1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

68 RESTRICTED

RESTRICTED

Ying-K'ou

Number of rainy days

Number of clear days

Number of cloudy days

Year	1	2	3	4	5	6	7	8	9	10	11	12	Total
1900	12	10	10	10	10	10	10	10	10	10	10	10	120
1901	11	11	11	11	11	11	11	11	11	11	11	11	132
1902	10	12	12	12	12	12	12	12	12	12	12	12	144
1903	11	11	11	11	11	11	11	11	11	11	11	11	132
1904	10	11	11	11	11	11	11	11	11	11	11	11	132
1905	11	11	11	11	11	11	11	11	11	11	11	11	132
1906	10	11	11	11	11	11	11	11	11	11	11	11	132
1907	11	11	11	11	11	11	11	11	11	11	11	11	132
1908	10	11	11	11	11	11	11	11	11	11	11	11	132
1909	11	11	11	11	11	11	11	11	11	11	11	11	132
1910	10	11	11	11	11	11	11	11	11	11	11	11	132
1911	11	11	11	11	11	11	11	11	11	11	11	11	132
1912	10	11	11	11	11	11	11	11	11	11	11	11	132
1913	11	11	11	11	11	11	11	11	11	11	11	11	132
1914	10	11	11	11	11	11	11	11	11	11	11	11	132
1915	11	11	11	11	11	11	11	11	11	11	11	11	132
1916	10	11	11	11	11	11	11	11	11	11	11	11	132
1917	11	11	11	11	11	11	11	11	11	11	11	11	132
1918	10	11	11	11	11	11	11	11	11	11	11	11	132
1919	11	11	11	11	11	11	11	11	11	11	11	11	132
1920	10	11	11	11	11	11	11	11	11	11	11	11	132
1921	11	11	11	11	11	11	11	11	11	11	11	11	132
1922	10	11	11	11	11	11	11	11	11	11	11	11	132
1923	11	11	11	11	11	11	11	11	11	11	11	11	132
1924	10	11	11	11	11	11	11	11	11	11	11	11	132
1925	11	11	11	11	11	11	11	11	11	11	11	11	132
1926	10	11	11	11	11	11	11	11	11	11	11	11	132
1927	11	11	11	11	11	11	11	11	11	11	11	11	132
1928	10	11	11	11	11	11	11	11	11	11	11	11	132
1929	11	11	11	11	11	11	11	11	11	11	11	11	132
1930	10	11	11	11	11	11	11	11	11	11	11	11	132
1931	11	11	11	11	11	11	11	11	11	11	11	11	132
1932	10	11	11	11	11	11	11	11	11	11	11	11	132
1933	11	11	11	11	11	11	11	11	11	11	11	11	132
1934	10	11	11	11	11	11	11	11	11	11	11	11	132
1935	11	11	11	11	11	11	11	11	11	11	11	11	132
1936	10	11	11	11	11	11	11	11	11	11	11	11	132
1937	11	11	11	11	11	11	11	11	11	11	11	11	132
1938	10	11	11	11	11	11	11	11	11	11	11	11	132
1939	11	11	11	11	11	11	11	11	11	11	11	11	132
1940	10	11	11	11	11	11	11	11	11	11	11	11	132
1941	11	11	11	11	11	11	11	11	11	11	11	11	132
1942	10	11	11	11	11	11	11	11	11	11	11	11	132

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

69 RESTRICTED

STAT

STAT

RESTRICTED

Ying-K'ou

Number of cloudy days

Number of foggy days

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1900	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
11	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
12	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
13	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
14	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
15	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
17	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
18	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
19	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
20	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
21	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
22	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
23	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
24	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
25	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
26	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
27	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
29	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
30	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
31	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
32	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
33	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
34	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
36	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
37	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
38	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
39	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
40	3	1	4	8	5	7	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

70 RESTRICTED

RESTRICTED

Ying-Kiou

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1931	3												
32													
33													
34													
35													
36													
37													
1906													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
1906													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													

Number of foggy days

Number of days of hail

Number of days of soft hail

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

7/ RESTRICTED

RESTRICTED

Ying-K'ou

Number of days of soft hail

Number of days without sunshine

Number of days of electrical storms

	一	二	三	四	五	六	日	月	年	合	計
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
46											
47											
48											
49											
50											
51											
52											
53											
54											
55											
56											
57											
58											
59											
60											
61											
62											
63											
64											
65											
66											
67											
68											
69											
70											

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

72 RESTRICTED

RESTRICTED

Ying-K'ou

Number of days of electrical storms

Number of stormy days

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1901																															
1902																															
1903																															
1904																															
1905																															
1906																															
1907																															
1908																															
1909																															
1910																															
1911																															
1912																															
1913																															
1914																															
1915																															
1916																															
1917																															
1918																															
1919																															
1920																															
1921																															
1922																															
1923																															
1924																															
1925																															
1926																															
1927																															
1928																															
1929																															
1930																															
1931																															
1932																															
1933																															
1934																															
1935																															
1936																															
1937																															
1938																															
1939																															
1940																															
1941																															
1942																															

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

73 **RESTRICTED**

STAT

STAT

RESTRICTED

Ying-K'ou

Number of earthquakes

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地震回数	1	1	1	1	1	1	1	1	1	1	1	1	12
最大震度	5.5	2.7	5.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.5
震度	7.8	12.3	8.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	7.8
震度	7.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
震度	2.2	3.1	7.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
震度	6.0	2.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
震度	25.0	23.0	5.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
震度	1.8	0.5	19.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
震度	7.0	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
震度	3.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
震度	20.5	18.0	12.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5
震度	5.0	2.8	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
震度	2.0	2.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
震度	1.1	3.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
震度	3.8	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
震度	6.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5
震度	8.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
震度	6.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
震度	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
震度	5.5	3.7	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
震度	1.5	0.8	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
震度	7.5	5.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
震度	2.7	2.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
震度	15.8	11.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8
震度	3.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
震度	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
震度	2.3	2.8	2.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
震度	1.5	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
震度	4.4	9.0	3.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
震度	0.8	1.4	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8
震度	4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4

STAT

Average barometric pressure
Maximum barometric pressure
Minimum barometric pressure
Average barometric pressure at sea level

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
平均气压	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029
最高气压	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039
最低气压	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019
平均海压	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

74 RESTRICTED

104

RESTRICTED

Ch'eng-te

Maximum barometric pressure at sea level
 Minimum barometric pressure at sea level
 Atmospheric temperature
 Average highest atmospheric temperature
 Average lowest atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Vapor pressure
 Average humidity
 Minimum degree of humidity
 Average cloud density
 Average wind velocity
 Maximum wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最高氣壓 (+700mm)	1027 1028 1029	1026 1027 1028	1025 1026 1027	1024 1025 1026	1023 1024 1025	1022 1023 1024	1021 1022 1023	1020 1021 1022	1019 1020 1021	1018 1019 1020	1017 1018 1019	1016 1017 1018	1015 1016 1017
最低氣壓 (+700mm)	1015 1016 1017	1014 1015 1016	1013 1014 1015	1012 1013 1014	1011 1012 1013	1010 1011 1012	1009 1010 1011	1008 1009 1010	1007 1008 1009	1006 1007 1008	1005 1006 1007	1004 1005 1006	1003 1004 1005
最高氣溫	19.5 20.0 20.5	20.0 20.5 21.0	20.5 21.0 21.5	21.0 21.5 22.0	21.5 22.0 22.5	22.0 22.5 23.0	22.5 23.0 23.5	23.0 23.5 24.0	23.5 24.0 24.5	24.0 24.5 25.0	24.5 25.0 25.5	25.0 25.5 26.0	25.5 26.0 26.5
最低氣溫	-1.5 -1.0 -0.5	-1.0 -0.5 0.0	-0.5 0.0 0.5	0.0 0.5 1.0	0.5 1.0 1.5	1.0 1.5 2.0	1.5 2.0 2.5	2.0 2.5 3.0	2.5 3.0 3.5	3.0 3.5 4.0	3.5 4.0 4.5	4.0 4.5 5.0	4.5 5.0 5.5
最高氣溫	38.0 38.5 39.0	38.5 39.0 39.5	39.0 39.5 40.0	39.5 40.0 40.5	40.0 40.5 41.0	40.5 41.0 41.5	41.0 41.5 42.0	41.5 42.0 42.5	42.0 42.5 43.0	42.5 43.0 43.5	43.0 43.5 44.0	43.5 44.0 44.5	44.0 44.5 45.0
最低氣溫	-1.5 -1.0 -0.5	-1.0 -0.5 0.0	-0.5 0.0 0.5	0.0 0.5 1.0	0.5 1.0 1.5	1.0 1.5 2.0	1.5 2.0 2.5	2.0 2.5 3.0	2.5 3.0 3.5	3.0 3.5 4.0	3.5 4.0 4.5	4.0 4.5 5.0	4.5 5.0 5.5
最高濕度	85 86 87	86 87 88	87 88 89	88 89 90	89 90 91	90 91 92	91 92 93	92 93 94	93 94 95	94 95 96	95 96 97	96 97 98	97 98 99
最低濕度	65 66 67	66 67 68	67 68 69	68 69 70	69 70 71	70 71 72	71 72 73	72 73 74	73 74 75	74 75 76	75 76 77	76 77 78	77 78 79
最高濕度	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100	100 100 100
最低濕度	65 66 67	66 67 68	67 68 69	68 69 70	69 70 71	70 71 72	71 72 73	72 73 74	73 74 75	74 75 76	75 76 77	76 77 78	77 78 79
平均濕度	75 76 77	76 77 78	77 78 79	78 79 80	79 80 81	80 81 82	81 82 83	82 83 84	83 84 85	84 85 86	85 86 87	86 87 88	87 88 89
最小濕度	65 66 67	66 67 68	67 68 69	68 69 70	69 70 71	70 71 72	71 72 73	72 73 74	73 74 75	74 75 76	75 76 77	76 77 78	77 78 79
平均雲量	5.0 5.5 6.0	5.5 6.0 6.5	6.0 6.5 7.0	6.5 7.0 7.5	7.0 7.5 8.0	7.5 8.0 8.5	8.0 8.5 9.0	8.5 9.0 9.5	9.0 9.5 10.0	9.5 10.0 10.5	10.0 10.5 11.0	10.5 11.0 11.5	11.0 11.5 12.0
平均風速	1.5 1.6 1.7	1.6 1.7 1.8	1.7 1.8 1.9	1.8 1.9 2.0	1.9 2.0 2.1	2.0 2.1 2.2	2.1 2.2 2.3	2.2 2.3 2.4	2.3 2.4 2.5	2.4 2.5 2.6	2.5 2.6 2.7	2.6 2.7 2.8	2.7 2.8 2.9
最大風速	3.0 3.5 4.0	3.5 4.0 4.5	4.0 4.5 5.0	4.5 5.0 5.5	5.0 5.5 6.0	5.5 6.0 6.5	6.0 6.5 7.0	6.5 7.0 7.5	7.0 7.5 8.0	7.5 8.0 8.5	8.0 8.5 9.0	8.5 9.0 9.5	9.0 9.5 10.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

75 RESTRICTED

STAT

STAT

RESTRICTED

STAT

Rainfall

Maximum rainfall per day

Evaporative capacity

Maximum evaporative capacity per day

Average minimum earth temperature

Average ground level temperature

Number of rainy days

Number of clear days

Number of cloudy days

Number of days of hail

Number days of soft hail

Number of days without sunshine

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
降水量	0.3	1.5	80.5	20.4	84.7	82.7	112.4	112.4	12.2	12.2	12.2	12.2	12.2
最大日量	1.0	0.4	0.4	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
蒸发量	25.6	52.4	100.5	124.7	124.6	124.7	124.7	124.7	124.7	124.7	124.7	124.7	124.7
最大日量	1.5	3.3	7.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
平均最低地温	-19.8	-14.7	-9.0	1.8	9.7	15.9	18.6	19.0	18.5	1.8	-7.6	-10.7	-6.6
平均地面温度	-10.9	-4.4	3.8	14.0	20.9	25.9	29.4	29.7	28.8	1.5	-8.2	-11.3	-11.3
降水日数	1	1	6	5	9	12	13	17	11	5	3	1	1
晴天日数	17	16	7	6	10	3	5	1	5	13	10	19	118
多云日数	1	3	3	9	5	7	8	17	4	8	4	4	4
霜日数	1	1	1	1	1	1	1	1	1	1	1	1	1
无霜日数	1	1	1	1	1	1	1	1	1	1	1	1	1
无日照日数	1	1	1	1	1	1	1	1	1	1	1	1	1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942 ()

76 RESTRICTED

STAT

STAT

RESTRICTED

Chiang-te

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1925	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1926	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1927	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1928	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1929	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1930	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1931	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1932	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1933	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1934	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1935	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1936	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1937	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1938	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1939	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1940	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1941	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1
1942	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1	101.1

An-shan

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1925	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1926	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1927	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1928	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1929	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1930	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1931	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1932	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1933	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1934	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1935	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1936	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1937	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1938	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1939	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1940	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1941	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1942	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0

Number of days of electrical storms

Average barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Average barometric pressure at sea level

#12 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

77 RESTRICTED

RESTRICTED
An-2888

Average barometric pressure at sea level

Average atmospheric temperature

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
...
...
...

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942 ()

78 RESTRICTED

STAT

RESTRICTED

100

As-shan

High limit of atmospheric temperature

Low limit of atmospheric temperature

Average vapor pressure

Average humidity

Minimum degree of humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最高温度	1921	24	18	21	27	32	35	34	31	27	22	18	25.5
最低温度	1921	-6.8	-10.7	-10.7	-4.8	0.2	5.0	5.0	1.0	-1.0	-4.0	-6.0	-1.5
平均湿度	1921	-11.6	-18.8	-14.8	-4.8	6.4	15.0	15.0	11.4	7.4	2.4	-1.4	3.5
水汽饱和力	1921	1.1	1.5	2.3	4.5	8.0	13.0	14.5	11.0	7.4	4.5	2.4	5.5
平均湿度	1921	77	73	77	83	87	87	83	77	73	67	63	77
最小湿度	1921	42	38	42	52	62	67	62	52	42	38	32	52

#12 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

79 RESTRICTED

STAT

STAT

RESTRICTED

An-shan

Average cloud density

Average wind velocity

Maximum wind velocity

Rainfall

Year	1	2	3	4	5	6	7	8	9	10	11	12	Annual
1901	10	10	10	10	10	10	10	10	10	10	10	10	10
1902	10	10	10	10	10	10	10	10	10	10	10	10	10
1903	10	10	10	10	10	10	10	10	10	10	10	10	10
1904	10	10	10	10	10	10	10	10	10	10	10	10	10
1905	10	10	10	10	10	10	10	10	10	10	10	10	10
1906	10	10	10	10	10	10	10	10	10	10	10	10	10
1907	10	10	10	10	10	10	10	10	10	10	10	10	10
1908	10	10	10	10	10	10	10	10	10	10	10	10	10
1909	10	10	10	10	10	10	10	10	10	10	10	10	10
1910	10	10	10	10	10	10	10	10	10	10	10	10	10
1911	10	10	10	10	10	10	10	10	10	10	10	10	10
1912	10	10	10	10	10	10	10	10	10	10	10	10	10
1913	10	10	10	10	10	10	10	10	10	10	10	10	10
1914	10	10	10	10	10	10	10	10	10	10	10	10	10
1915	10	10	10	10	10	10	10	10	10	10	10	10	10
1916	10	10	10	10	10	10	10	10	10	10	10	10	10
1917	10	10	10	10	10	10	10	10	10	10	10	10	10
1918	10	10	10	10	10	10	10	10	10	10	10	10	10
1919	10	10	10	10	10	10	10	10	10	10	10	10	10
1920	10	10	10	10	10	10	10	10	10	10	10	10	10
1921	10	10	10	10	10	10	10	10	10	10	10	10	10
1922	10	10	10	10	10	10	10	10	10	10	10	10	10
1923	10	10	10	10	10	10	10	10	10	10	10	10	10
1924	10	10	10	10	10	10	10	10	10	10	10	10	10
1925	10	10	10	10	10	10	10	10	10	10	10	10	10
1926	10	10	10	10	10	10	10	10	10	10	10	10	10
1927	10	10	10	10	10	10	10	10	10	10	10	10	10
1928	10	10	10	10	10	10	10	10	10	10	10	10	10
1929	10	10	10	10	10	10	10	10	10	10	10	10	10
1930	10	10	10	10	10	10	10	10	10	10	10	10	10
1931	10	10	10	10	10	10	10	10	10	10	10	10	10
1932	10	10	10	10	10	10	10	10	10	10	10	10	10
1933	10	10	10	10	10	10	10	10	10	10	10	10	10
1934	10	10	10	10	10	10	10	10	10	10	10	10	10
1935	10	10	10	10	10	10	10	10	10	10	10	10	10
1936	10	10	10	10	10	10	10	10	10	10	10	10	10
1937	10	10	10	10	10	10	10	10	10	10	10	10	10
1938	10	10	10	10	10	10	10	10	10	10	10	10	10
1939	10	10	10	10	10	10	10	10	10	10	10	10	10
1940	10	10	10	10	10	10	10	10	10	10	10	10	10
1941	10	10	10	10	10	10	10	10	10	10	10	10	10
1942	10	10	10	10	10	10	10	10	10	10	10	10	10

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

80 RESTRICTED

STAT

STAT

RESTRICTED

AN-SHAN

Maximum rainfall
per day

Insolation capacity
(in hours)

Percentage of in-
solation capacity

Evaporative capa-
city

Month	1	2	3	4	5	6	7	8	9	10	11	12	Yearly
Maximum rainfall per day	10.0	12.0	15.0	18.0	20.0	22.0	25.0	28.0	30.0	25.0	20.0	15.0	18.0
Insolation capacity (in hours)	120	130	140	150	160	170	180	190	200	190	180	170	160
Percentage of insolation capacity	8.3	9.2	10.7	12.0	12.5	12.9	15.6	14.7	15.0	13.2	11.1	8.8	11.3
Evaporative capacity	10.0	12.0	15.0	18.0	20.0	22.0	25.0	28.0	30.0	25.0	20.0	15.0	18.0

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

81 RESTRICTED

STAT

RESTRICTED

Manchuria

Minimum earth temperature

Average ground level temperature

Underground temperature

Underground temperature

	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Minimum earth temperature
Average ground level temperature
Underground temperature
Underground temperature

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

82 RESTRICTED

RESTRICTED

STAT

No. of rainy days

No. of clear days

No. of cloudy days

No. of foggy days

No. of days of hail

An-shan

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1941	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1942	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1943	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1944	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1945	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1946	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1947	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1948	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1949	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1950	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1951	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1952	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1953	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1954	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1955	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1956	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1957	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1958	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1959	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
1960	1	3	0	7	10	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

84 RESTRICTED

RESTRICTED

An-shan

Number of days of hail

Number of days of soft hail

Number of days without sunshine

Number of days of electrical storms

Number of stormy days

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Number of days of hail																																	
Number of days of soft hail																																	
Number of days without sunshine																																	
Number of days of electrical storms																																	
Number of stormy days																																	

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

85 RESTRICTED

RESTRICTED

Maximum
snowfall

Station	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
...

Average
barometric
pressure
of freezing
point

Station	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
...

Highest
barometric
pressure
of freezing
point

Station	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
...

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942 ()

86 **RESTRICTED**

STAT

STAT

RESTRICTED

STAT

Lowest
barometric
pressure
of freezing
point

Average
atmospheric
temperature

Average
highest
atmospheric
temperature

Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Lowest barometric pressure of freezing point	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	
Average atmospheric temperature	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Average highest atmospheric temperature	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

87 RESTRICTED

RESTRICTED

Am-28

Average
lowest
atmosph-
eric
temperat

High limit
of atmos-
pheric
tempera-
ture

Low limit
of atmos-
pheric
tempera-
ture

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32					
10210																																					
10215																																					
10220																																					
10225																																					
10230																																					
10235																																					
10240																																					
10245																																					
10250																																					
10255																																					
10260																																					
10265																																					
10270																																					
10275																																					
10280																																					
10285																																					
10290																																					
10295																																					
10300																																					
10305																																					
10310																																					
10315																																					
10320																																					
10325																																					
10330																																					
10335																																					
10340																																					
10345																																					
10350																																					
10355																																					
10360																																					
10365																																					
10370																																					
10375																																					
10380																																					
10385																																					
10390																																					
10395																																					
10400																																					

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

88 **RESTRICTED**

STAT

STAT

RESTRICTED

Am-to

Low limit of atmospheric temperature

Average cloud density

Average wind velocity

Rainfall

Year	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Low limit of atmospheric temperature
Average cloud density
Average wind velocity
Rainfall

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 ()

89 RESTRICTED

STAT

STAT

RESTRICTED

AN-14

STAT

Rainfall

Maximum rainfall

Number of rainy days

Number of rainy days

Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Rainfall	10.0	12.0	15.0	18.0	20.0	22.0	25.0	28.0	30.0	32.0	35.0	38.0	40.0	42.0	45.0	48.0	50.0	52.0	55.0	58.0	60.0	62.0	65.0	68.0	70.0	72.0	75.0	78.0	80.0	82.0	85.0	
Maximum rainfall	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	
Number of rainy days	10	12	15	18	20	22	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	72	75	78	80	82	85	
Number of rainy days	10	12	15	18	20	22	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	72	75	78	80	82	85	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

90 RESTRICTED

RESTRICTED

STAT

Number of rainy days

Number of clear days

Number of cloudy days

Number of foggy days

110

Am-ta

日	月	日	晴	雨	曇	霧	雪	霰	霜	雹	其他	備考
1942	1	1										
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47												
48												
49												
50												
51												
52												
53												
54												
55												
56												
57												
58												
59												
60												
61												
62												
63												
64												
65												
66												
67												
68												
69												
70												
71												
72												
73												
74												
75												
76												
77												
78												
79												
80												
81												
82												
83												
84												
85												
86												
87												
88												
89												
90												
91												
92												
93												
94												
95												
96												
97												
98												
99												
100												

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

91 RESTRICTED

STAT

RESTRICTED

Number of
foggy
days

Number of
days of
hail

Number of
days of
electrical
storms

Number
of storm-
y days

AS-12

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Number of foggy days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of days of hail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of days of electrical storms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of stormy days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
 East Asia Research Institute, February 1942

92 RESTRICTED

STAT

STAT

RESTRICTED

Number of stormy days

Maximum snowfall

An-shan

Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Number of stormy days	10	12	11	13	14	15	16	17	18	19	20	21
Maximum snowfall	10	12	11	13	14	15	16	17	18	19	20	21

Average barometric pressure of freezing point

Mukden

Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Average barometric pressure of freezing point	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

93

RESTRICTED

RESTRICTED

STAT

Average barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Station	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	
...

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

94 **RESTRICTED**

STAT

RESTRICTED

STAT

Lowest barometric pressure of freezing point

Average barometric pressure at sea level

Mukden

Year	1	2	3	4	5	6	7	8	9	10	11	12	Year
1911	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1911
1912	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1912
1913	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1913
1914	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1914
1915	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1915
1916	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1916
1917	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1917
1918	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1918
1919	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1919
1920	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1920
1921	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1921
1922	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1922
1923	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1923
1924	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1924
1925	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1925
1926	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1926
1927	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1927
1928	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1928
1929	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1929
1930	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1930
1931	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1931
1932	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1932
1933	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1933
1934	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1934
1935	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1935
1936	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1936
1937	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1937
1938	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1938
1939	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1939
1940	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1940
1941	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1941
1942	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1942

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

95

RESTRICTED

RESTRICTED

Average
atmos-
pheric
temp-
erature

Table with multiple columns and rows of data, likely representing weather statistics. The table is partially obscured by a large black redaction box.

Average
highest
atmos-
pheric
temp-
erature

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

96

RESTRICTED

STAT

STAT

RESTRICTED

Manzhou

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average highest atmospheric temperature	1.6	2.8	5.0	7.2	9.4	11.6	13.8	16.0	18.2	16.0	13.8	11.6
Average lowest atmospheric temperature	-10.0	-8.8	-6.6	-4.4	-2.2	0.0	2.2	4.4	6.6	8.8	11.0	13.2
High limit of atmospheric temperature	13.2	15.4	17.6	19.8	22.0	24.2	26.4	28.6	30.8	28.6	26.4	24.2

STAT

942 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

97 **RESTRICTED**

STAT

RESTRICTED

Mukden

Low limit of atmospheric temperature

Vapor pressure

Average humidity

Month	1	2	3	4	5	6	7	8	9	10	11	12
Low limit of atmospheric temperature	-26.1	-26.6	-25.4	-22.7	-19.9	-15.4	-11.7	-7.8	-3.8	0.2	4.2	8.1
Vapor pressure	1.8	1.6	1.9	2.7	3.8	5.3	7.2	9.5	12.1	15.0	18.2	21.7
Average humidity	71	69	72	81	90	97	103	108	112	115	117	118

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

Mukden

Average humidity

Minimum degree of humidity

Average cloud density

Year	1	2	3	4	5	6	7	8	9	10	11	12
1904	67	67	67	67	67	67	67	67	67	67	67	67
1905	67	67	67	67	67	67	67	67	67	67	67	67
1906	67	67	67	67	67	67	67	67	67	67	67	67
1907	67	67	67	67	67	67	67	67	67	67	67	67
1908	67	67	67	67	67	67	67	67	67	67	67	67
1909	67	67	67	67	67	67	67	67	67	67	67	67
1910	67	67	67	67	67	67	67	67	67	67	67	67
1911	67	67	67	67	67	67	67	67	67	67	67	67
1912	67	67	67	67	67	67	67	67	67	67	67	67
1913	67	67	67	67	67	67	67	67	67	67	67	67
1914	67	67	67	67	67	67	67	67	67	67	67	67
1915	67	67	67	67	67	67	67	67	67	67	67	67
1916	67	67	67	67	67	67	67	67	67	67	67	67
1917	67	67	67	67	67	67	67	67	67	67	67	67
1918	67	67	67	67	67	67	67	67	67	67	67	67
1919	67	67	67	67	67	67	67	67	67	67	67	67
1920	67	67	67	67	67	67	67	67	67	67	67	67
1921	67	67	67	67	67	67	67	67	67	67	67	67
1922	67	67	67	67	67	67	67	67	67	67	67	67
1923	67	67	67	67	67	67	67	67	67	67	67	67
1924	67	67	67	67	67	67	67	67	67	67	67	67
1925	67	67	67	67	67	67	67	67	67	67	67	67
1926	67	67	67	67	67	67	67	67	67	67	67	67
1927	67	67	67	67	67	67	67	67	67	67	67	67
1928	67	67	67	67	67	67	67	67	67	67	67	67
1929	67	67	67	67	67	67	67	67	67	67	67	67
1930	67	67	67	67	67	67	67	67	67	67	67	67
1931	67	67	67	67	67	67	67	67	67	67	67	67
1932	67	67	67	67	67	67	67	67	67	67	67	67
1933	67	67	67	67	67	67	67	67	67	67	67	67
1934	67	67	67	67	67	67	67	67	67	67	67	67
1935	67	67	67	67	67	67	67	67	67	67	67	67
1936	67	67	67	67	67	67	67	67	67	67	67	67
1937	67	67	67	67	67	67	67	67	67	67	67	67
1938	67	67	67	67	67	67	67	67	67	67	67	67
1939	67	67	67	67	67	67	67	67	67	67	67	67
1940	67	67	67	67	67	67	67	67	67	67	67	67
1941	67	67	67	67	67	67	67	67	67	67	67	67
1942	67	67	67	67	67	67	67	67	67	67	67	67

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

102 RESTRICTED

STAT

STAT

RESTRICTED

STAT

Average
cloud
density

Average
wind
velocity

Table with multiple columns and rows, containing weather data. The table is heavily obscured by noise and artifacts, making the individual data points illegible. It appears to be a standard meteorological data table with columns for time, location, and various weather parameters.

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

STAT

101 **RESTRICTED**

RESTRICTED

Mukden

Average wind velocity

Maximum wind velocity

Rainfall

Month	Day	Temp	Humidity	Wind	Pressure	Clouds	Wind Dir	Wind Spd	Max Wind	Rainfall
Jan	1	-12.0	75	12	1013.5	100	100	12	25	0.0
Jan	2	-15.0	70	10	1012.5	100	100	10	20	0.0
Jan	3	-18.0	65	8	1011.5	100	100	8	15	0.0
Jan	4	-15.0	70	10	1010.5	100	100	10	20	0.0
Jan	5	-12.0	75	12	1009.5	100	100	12	25	0.0
Jan	6	-10.0	80	15	1008.5	100	100	15	30	0.0
Jan	7	-8.0	85	18	1007.5	100	100	18	35	0.0
Jan	8	-5.0	90	20	1006.5	100	100	20	40	0.0
Jan	9	-2.0	95	22	1005.5	100	100	22	45	0.0
Jan	10	1.0	100	25	1004.5	100	100	25	50	0.0
Jan	11	4.0	105	28	1003.5	100	100	28	55	0.0
Jan	12	7.0	110	30	1002.5	100	100	30	60	0.0
Jan	13	10.0	115	32	1001.5	100	100	32	65	0.0
Jan	14	13.0	120	35	1000.5	100	100	35	70	0.0
Jan	15	16.0	125	38	1000.0	100	100	38	75	0.0
Jan	16	19.0	130	40	1000.0	100	100	40	80	0.0
Jan	17	22.0	135	42	1000.0	100	100	42	85	0.0
Jan	18	25.0	140	45	1000.0	100	100	45	90	0.0
Jan	19	28.0	145	48	1000.0	100	100	48	95	0.0
Jan	20	31.0	150	50	1000.0	100	100	50	100	0.0
Jan	21	34.0	155	52	1000.0	100	100	52	105	0.0
Jan	22	37.0	160	55	1000.0	100	100	55	110	0.0
Jan	23	40.0	165	58	1000.0	100	100	58	115	0.0
Jan	24	43.0	170	60	1000.0	100	100	60	120	0.0
Jan	25	46.0	175	62	1000.0	100	100	62	125	0.0
Jan	26	49.0	180	65	1000.0	100	100	65	130	0.0
Jan	27	52.0	185	68	1000.0	100	100	68	135	0.0
Jan	28	55.0	190	70	1000.0	100	100	70	140	0.0
Jan	29	58.0	195	72	1000.0	100	100	72	145	0.0
Jan	30	61.0	200	75	1000.0	100	100	75	150	0.0
Jan	31	64.0	205	78	1000.0	100	100	78	155	0.0
Feb	1	67.0	210	80	1000.0	100	100	80	160	0.0
Feb	2	70.0	215	82	1000.0	100	100	82	165	0.0
Feb	3	73.0	220	85	1000.0	100	100	85	170	0.0
Feb	4	76.0	225	88	1000.0	100	100	88	175	0.0
Feb	5	79.0	230	90	1000.0	100	100	90	180	0.0
Feb	6	82.0	235	92	1000.0	100	100	92	185	0.0
Feb	7	85.0	240	95	1000.0	100	100	95	190	0.0
Feb	8	88.0	245	98	1000.0	100	100	98	195	0.0
Feb	9	91.0	250	100	1000.0	100	100	100	200	0.0
Feb	10	94.0	255	102	1000.0	100	100	102	205	0.0
Feb	11	97.0	260	105	1000.0	100	100	105	210	0.0
Feb	12	100.0	265	108	1000.0	100	100	108	215	0.0
Feb	13	103.0	270	110	1000.0	100	100	110	220	0.0
Feb	14	106.0	275	112	1000.0	100	100	112	225	0.0
Feb	15	109.0	280	115	1000.0	100	100	115	230	0.0
Feb	16	112.0	285	118	1000.0	100	100	118	235	0.0
Feb	17	115.0	290	120	1000.0	100	100	120	240	0.0
Feb	18	118.0	295	122	1000.0	100	100	122	245	0.0
Feb	19	121.0	300	125	1000.0	100	100	125	250	0.0
Feb	20	124.0	305	128	1000.0	100	100	128	255	0.0
Feb	21	127.0	310	130	1000.0	100	100	130	260	0.0
Feb	22	130.0	315	132	1000.0	100	100	132	265	0.0
Feb	23	133.0	320	135	1000.0	100	100	135	270	0.0
Feb	24	136.0	325	138	1000.0	100	100	138	275	0.0
Feb	25	139.0	330	140	1000.0	100	100	140	280	0.0
Feb	26	142.0	335	142	1000.0	100	100	142	285	0.0
Feb	27	145.0	340	145	1000.0	100	100	145	290	0.0
Feb	28	148.0	345	148	1000.0	100	100	148	295	0.0
Feb	29	151.0	350	150	1000.0	100	100	150	300	0.0
Feb	30	154.0	355	152	1000.0	100	100	152	305	0.0
Feb	31	157.0	360	155	1000.0	100	100	155	310	0.0

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

102 **RESTRICTED**

RESTRICTED

STAT

Rainfall

Maximum rain-
fall per day

Insolation
capacity
(in hours)

Mukden

Year	1	2	3	4	5	6	7	8	9	10	11	12
1906	1.4	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1
1907	1.5	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2
1908	1.6	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3
1909	1.7	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4
1910	1.8	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5
1911	1.9	2.6	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.6	11.6	12.6
1912	2.0	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7
1913	2.1	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	12.8
1914	2.2	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9
1915	2.3	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
1916	2.4	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1
1917	2.5	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2
1918	2.6	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	13.3
1919	2.7	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4
1920	2.8	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5
1921	2.9	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.6	11.6	12.6	13.6
1922	3.0	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7	13.7
1923	3.1	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.8
1924	3.2	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
1925	3.3	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0
1926	3.4	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1
1927	3.5	4.2	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2
1928	3.6	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	13.3	14.3
1929	3.7	4.4	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	14.4
1930	3.8	4.5	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5
1931	3.9	4.6	5.6	6.6	7.6	8.6	9.6	10.6	11.6	12.6	13.6	14.6
1932	4.0	4.7	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7	13.7	14.7
1933	4.1	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8
1934	4.2	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	14.9
1935	4.3	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
1936	4.4	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1
1937	4.5	5.2	6.2	7.2	8.2	9.2	10.2	11.2	12.2	13.2	14.2	15.2
1938	4.6	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	13.3	14.3	15.3
1939	4.7	5.4	6.4	7.4	8.4	9.4	10.4	11.4	12.4	13.4	14.4	15.4
1940	4.8	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.5	14.5	15.5
1941	4.9	5.6	6.6	7.6	8.6	9.6	10.6	11.6	12.6	13.6	14.6	15.6
1942	5.0	5.7	6.7	7.7	8.7	9.7	10.7	11.7	12.7	13.7	14.7	15.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942 ()

103 RESTRICTED

STAT

STAT

RESTRICTED

Mukden

Insolation capacity (in hours)

Percentage of insolation capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1911	179.8	204.1	207.4	200.0	206.1	271.8	297.1	311.4	288.8	264.4	207.9	251.0	2751.8	
12	182.4	184.8	218.2	227.2	217.8	277.0	321.1	307.0	277.4	253.2	207.4	252.0	2751.8	
13	187.7	210.1	220.2	227.2	227.2	288.2	327.2	312.2	287.2	267.2	217.2	257.2	2751.8	
14	187.7	210.1	220.2	227.2	227.2	288.2	327.2	312.2	287.2	267.2	217.2	257.2	2751.8	
15	141.9	183.5	220.2	215.4	277.0	278.2	307.4	325.2	288.2	218.2	201.2	202.2	2611.9	
16	200.5	199.4	258.7	254.3	251.3	262.2	292.9	298.5	266.2	231.9	206.2	201.7	2821.7	
17	216.8	230.0	245.1	247.8	248.8	291.7	320.8	324.5	287.5	254.8	207.4	197.2	2902.2	
18	217.7	212.1	218.9	254.2	249.9	282.2	348.5	344.5	315.2	262.2	212.2	187.2	2722.1	
19	170.9	210.4	244.9	278.2	282.1	297.4	304.9	277.9	268.2	211.2	182.2	179.2	2622.2	
20	174.4	180.5	241.7	269.5	261.2	270.2	264.1	278.2	266.5	244.4	179.2	178.2	2622.2	
21	207.7	202.9	258.1	263.4	259.2	278.2	311.5	302.4	276.2	211.2	182.2	162.2	2762.2	
22	220.0	191.5	251.2	242.2	242.2	262.2	312.2	292.2	252.2	202.2	182.2	162.2	2722.2	
23	202.7	211.0	215.2	258.5	272.2	282.2	312.2	292.2	262.2	212.2	182.2	162.2	2722.2	
24	210.9	228.2	214.4	213.3	267.2	280.7	288.2	267.2	258.2	207.2	168.2	162.2	2722.2	
25	223.7	218.6	220.2	269.2	227.7	272.2	314.4	290.6	273.4	208.2	179.1	151.9	2644.2	
26	196.6	178.2	222.2	222.2	222.2	262.2	262.2	272.2	262.2	212.2	174.2	152.2	2621.7	
27	174.0	210.2	210.2	242.2	212.2	270.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
28	142.2	184.2	222.2	222.2	222.2	262.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
29	182.2	192.2	222.2	222.2	222.2	262.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
30	210.2	175.2	241.9	238.4	279.9	282.2	302.2	282.2	262.2	212.2	172.2	172.2	2522.2	
31	177.2	207.1	271.2	223.4	266.2	267.2	312.2	292.2	272.2	212.2	161.2	162.2	2622.2	
32	221.1	212.2	211.7	242.2	262.2	272.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
33	212.1	202.3	214.2	262.2	262.2	272.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
34	220.2	215.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	
35	187.2	192.2	222.2	272.2	282.2	292.2	302.2	282.2	262.2	212.2	172.2	172.2	2522.2	
36	223.2	204.2	212.2	202.2	262.2	272.2	312.2	292.2	262.2	212.2	161.2	162.2	2622.2	
37	179.2	191.2	182.2	222.2	262.2	272.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
38	153.4	191.5	222.2	222.2	222.2	262.2	312.2	292.2	262.2	212.2	172.2	172.2	2522.2	
39	153.4	202.5	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	
40	153.4	202.5	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	212.2	
日	47	60	66	65	66	60	54	47	68	67	67	62	59	61
7	60	77	72	72	65	57	57	57	54	64	67	67	67	61
8	53	71	66	66	66	56	58	48	54	49	67	67	67	61
9	72	66	61	57	56	50	48	53	62	64	65	60	59	60
10	55	74	70	59	61	54	57	50	65	56	50	70	60	60
11	61	69	55	52	61	60	43	54	64	59	60	66	57	61
12	78	59	59	61	61	59	49	49	60	60	61	67	61	61
13	64	73	67	68	68	60	48	50	64	72	71	70	65	61
14	58	71	65	68	62	62	54	52	65	62	62	62	67	61
15	48	64	60	55	62	60	41	55	62	64	64	75	71	61
16	75	61	60	61	57	58	61	59	60	72	61	61	61	61
17	74	78	67	61	55	65	60	58	61	61	67	67	67	61
18	74	72	61	58	59	59	71	61	61	61	61	61	61	61
19	59	59	64	67	58	55	63	59	59	74	60	61	61	61
20	72	70	70	61	58	55	49	48	48	64	60	60	60	60
21	72	61	62	61	61	64	64	64	64	64	64	64	64	64
22	72	61	62	61	61	64	64	64	64	64	64	64	64	64
23	72	61	62	61	61	64	64	64	64	64	64	64	64	64
24	72	61	62	61	61	64	64	64	64	64	64	64	64	64
25	72	61	62	61	61	64	64	64	64	64	64	64	64	64
26	72	61	62	61	61	64	64	64	64	64	64	64	64	64
27	72	61	62	61	61	64	64	64	64	64	64	64	64	64
28	72	61	62	61	61	64	64	64	64	64	64	64	64	64
29	72	61	62	61	61	64	64	64	64	64	64	64	64	64
30	72	61	62	61	61	64	64	64	64	64	64	64	64	64
31	72	61	62	61	61	64	64	64	64	64	64	64	64	64
32	72	61	62	61	61	64	64	64	64	64	64	64	64	64
33	72	61	62	61	61	64	64	64	64	64	64	64	64	64
34	72	61	62	61	61	64	64	64	64	64	64	64	64	64
35	72	61	62	61	61	64	64	64	64	64	64	64	64	64
36	72	61	62	61	61	64	64	64	64	64	64	64	64	64
37	72	61	62	61	61	64	64	64	64	64	64	64	64	64
38	72	61	62	61	61	64	64	64	64	64	64	64	64	64
39	72	61	62	61	61	64	64	64	64	64	64	64	64	64
40	72	61	62	61	61	64	64	64	64	64	64	64	64	64

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

104 RESTRICTED

RESTRICTED

STAT

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mukden

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1926	22	27	32	38	45	52	58	62	65	68	70	72	52
1927	23	28	33	39	46	53	59	63	66	69	71	73	53
1928	24	29	34	40	47	54	60	64	67	70	72	74	54
1929	25	30	35	41	48	55	61	65	68	71	73	75	55
1930	26	31	36	42	49	56	62	66	69	72	74	76	56
1931	27	32	37	43	50	57	63	67	70	73	75	77	57
1932	28	33	38	44	51	58	64	68	71	74	76	78	58
1933	29	34	39	45	52	59	65	69	72	75	77	79	59
1934	30	35	40	46	53	60	66	70	73	76	78	80	60
1935	31	36	41	47	54	61	67	71	74	77	79	81	61
1936	32	37	42	48	55	62	68	72	75	78	80	82	62
1937	33	38	43	49	56	63	69	73	76	79	81	83	63
1938	34	39	44	50	57	64	70	74	77	80	82	84	64
1939	35	40	45	51	58	65	71	75	78	81	83	85	65
1940	36	41	46	52	59	66	72	76	79	82	84	86	66
1941	37	42	47	53	60	67	73	77	80	83	85	87	67
1942	38	43	48	54	61	68	74	78	81	84	86	88	68
1943	39	44	49	55	62	69	75	79	82	85	87	89	69
1944	40	45	50	56	63	70	76	80	83	86	88	90	70
1945	41	46	51	57	64	71	77	81	84	87	89	91	71
1946	42	47	52	58	65	72	78	82	85	88	90	92	72
1947	43	48	53	59	66	73	79	83	86	89	91	93	73
1948	44	49	54	60	67	74	80	84	87	90	92	94	74
1949	45	50	55	61	68	75	81	85	88	91	93	95	75
1950	46	51	56	62	69	76	82	86	89	92	94	96	76
1951	47	52	57	63	70	77	83	87	90	93	95	97	77
1952	48	53	58	64	71	78	84	88	91	94	96	98	78
1953	49	54	59	65	72	79	85	89	92	95	97	99	79
1954	50	55	60	66	73	80	86	90	93	96	98	100	80
1955	51	56	61	67	74	81	87	91	94	97	99	100	81
1956	52	57	62	68	75	82	88	92	95	98	100	100	82
1957	53	58	63	69	76	83	89	93	96	99	100	100	83
1958	54	59	64	70	77	84	90	94	97	100	100	100	84
1959	55	60	65	71	78	85	91	95	98	100	100	100	85
1960	56	61	66	72	79	86	92	96	99	100	100	100	86
1961	57	62	67	73	80	87	93	97	100	100	100	100	87
1962	58	63	68	74	81	88	94	98	100	100	100	100	88
1963	59	64	69	75	82	89	95	99	100	100	100	100	89
1964	60	65	70	76	83	90	96	100	100	100	100	100	90
1965	61	66	71	77	84	91	97	100	100	100	100	100	91
1966	62	67	72	78	85	92	98	100	100	100	100	100	92
1967	63	68	73	79	86	93	99	100	100	100	100	100	93
1968	64	69	74	80	87	94	100	100	100	100	100	100	94
1969	65	70	75	81	88	95	100	100	100	100	100	100	95
1970	66	71	76	82	89	96	100	100	100	100	100	100	96
1971	67	72	77	83	90	97	100	100	100	100	100	100	97
1972	68	73	78	84	91	98	100	100	100	100	100	100	98
1973	69	74	79	85	92	99	100	100	100	100	100	100	99
1974	70	75	80	86	93	100	100	100	100	100	100	100	100

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942 ()

STAT

105 RESTRICTED

STAT

RESTRICTED

Maximum eva-
porative
capacity per
day

Minimum earth
temperature

Average ground
level temper-
ature

Mukden

日	一	二	三	四	五	六	日	月	年
1	15	21	25	28	30	28	25	1	1942
2	15	21	25	28	30	28	25	2	1942
3	15	21	25	28	30	28	25	3	1942
4	15	21	25	28	30	28	25	4	1942
5	15	21	25	28	30	28	25	5	1942
6	15	21	25	28	30	28	25	6	1942
7	15	21	25	28	30	28	25	7	1942
8	15	21	25	28	30	28	25	8	1942
9	15	21	25	28	30	28	25	9	1942
10	15	21	25	28	30	28	25	10	1942
11	15	21	25	28	30	28	25	11	1942
12	15	21	25	28	30	28	25	12	1942
13	15	21	25	28	30	28	25	13	1942
14	15	21	25	28	30	28	25	14	1942
15	15	21	25	28	30	28	25	15	1942
16	15	21	25	28	30	28	25	16	1942
17	15	21	25	28	30	28	25	17	1942
18	15	21	25	28	30	28	25	18	1942
19	15	21	25	28	30	28	25	19	1942
20	15	21	25	28	30	28	25	20	1942
21	15	21	25	28	30	28	25	21	1942
22	15	21	25	28	30	28	25	22	1942
23	15	21	25	28	30	28	25	23	1942
24	15	21	25	28	30	28	25	24	1942
25	15	21	25	28	30	28	25	25	1942
26	15	21	25	28	30	28	25	26	1942
27	15	21	25	28	30	28	25	27	1942
28	15	21	25	28	30	28	25	28	1942
29	15	21	25	28	30	28	25	29	1942
30	15	21	25	28	30	28	25	30	1942
31	15	21	25	28	30	28	25	31	1942

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

106 RESTRICTED

RESTRICTED

STAT

Mukden

Average ground level temperature

Underground temperature

Month	1	2	3	4	5	6	7	8	9	10	11	12	Yearly Average
1941	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1942	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1943	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1944	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1945	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1946	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1947	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1948	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1949	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1950	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1951	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1952	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1953	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1954	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1955	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1956	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1957	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1958	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1959	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1960	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1961	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1962	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1963	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1964	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1965	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1966	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1967	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1968	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1969	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1970	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1971	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1972	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1973	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1974	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1975	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1976	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1977	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1978	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1979	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5
1980	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

107 RESTRICTED

RESTRICTED

Mukden

Underground temperature

Underground temperature

Station	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
1	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4	8.3
2	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5	8.4
3	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6	8.5
4	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.6
5	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7
6	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8
7	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0	8.9
8	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1	9.0
9	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.1
10	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2
11	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3
12	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5	9.4
13	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.5
14	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7	9.6
15	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8	9.7
16	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.8
17	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0	9.9
18	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	10.0
19	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1
20	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2
21	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3
22	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4
23	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6	10.5
24	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7	10.6
25	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8	10.7
26	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9	10.8
27	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0	10.9
28	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1	11.0
29	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2	11.1
30	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.7	11.6	11.5	11.4	11.3	11.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 ()

108 RESTRICTED

STAT

STAT

RESTRICTED

STAT

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Depth (m)	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
6	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
11	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
13	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
14	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
15	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
16	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
17	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
18	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
19	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
20	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
21	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
22	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
23	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
24	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
25	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
26	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
27	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
28	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
29	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
30	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

#12 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

109 RESTRICTED

RESTRICTED

STAT

Underground temperature

Number of rainy days

Number of clear days

Mukden

Year	1	2	3	4	5	6	7	8	9	10	11	12	Total
1904	4	3	5	5	11	12	12	12	12	12	12	12	12
1905	4	3	5	5	11	12	12	12	12	12	12	12	12
1906	4	3	5	5	11	12	12	12	12	12	12	12	12
1907	4	3	5	5	11	12	12	12	12	12	12	12	12
1908	4	3	5	5	11	12	12	12	12	12	12	12	12
1909	4	3	5	5	11	12	12	12	12	12	12	12	12
1910	4	3	5	5	11	12	12	12	12	12	12	12	12
1911	4	3	5	5	11	12	12	12	12	12	12	12	12
1912	4	3	5	5	11	12	12	12	12	12	12	12	12
1913	4	3	5	5	11	12	12	12	12	12	12	12	12
1914	4	3	5	5	11	12	12	12	12	12	12	12	12
1915	4	3	5	5	11	12	12	12	12	12	12	12	12
1916	4	3	5	5	11	12	12	12	12	12	12	12	12
1917	4	3	5	5	11	12	12	12	12	12	12	12	12
1918	4	3	5	5	11	12	12	12	12	12	12	12	12
1919	4	3	5	5	11	12	12	12	12	12	12	12	12
1920	4	3	5	5	11	12	12	12	12	12	12	12	12
1921	4	3	5	5	11	12	12	12	12	12	12	12	12
1922	4	3	5	5	11	12	12	12	12	12	12	12	12
1923	4	3	5	5	11	12	12	12	12	12	12	12	12
1924	4	3	5	5	11	12	12	12	12	12	12	12	12
1925	4	3	5	5	11	12	12	12	12	12	12	12	12
1926	4	3	5	5	11	12	12	12	12	12	12	12	12
1927	4	3	5	5	11	12	12	12	12	12	12	12	12
1928	4	3	5	5	11	12	12	12	12	12	12	12	12
1929	4	3	5	5	11	12	12	12	12	12	12	12	12
1930	4	3	5	5	11	12	12	12	12	12	12	12	12
1931	4	3	5	5	11	12	12	12	12	12	12	12	12
1932	4	3	5	5	11	12	12	12	12	12	12	12	12
1933	4	3	5	5	11	12	12	12	12	12	12	12	12
1934	4	3	5	5	11	12	12	12	12	12	12	12	12
1935	4	3	5	5	11	12	12	12	12	12	12	12	12
1936	4	3	5	5	11	12	12	12	12	12	12	12	12
1937	4	3	5	5	11	12	12	12	12	12	12	12	12
1938	4	3	5	5	11	12	12	12	12	12	12	12	12
1939	4	3	5	5	11	12	12	12	12	12	12	12	12
1940	4	3	5	5	11	12	12	12	12	12	12	12	12
1941	4	3	5	5	11	12	12	12	12	12	12	12	12
1942	4	3	5	5	11	12	12	12	12	12	12	12	12

1942 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED
Mukden

STAT

Number of
clear days

Number of
cloudy
days

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
Number of	clear days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	194	
Number of	cloudy days	2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	206
Total		3	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	400	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942 ()

STAT

/// RESTRICTED

RESTRICTED

STAT

Number of cloudy days

Number of foggy days

Number of days of hail

Mukden

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1929	3	3	2	4	2	12	12	12	12	12	12	12	12
1930	3	3	2	4	2	12	12	12	12	12	12	12	12
1931	3	3	2	4	2	12	12	12	12	12	12	12	12
1932	3	3	2	4	2	12	12	12	12	12	12	12	12
1933	3	3	2	4	2	12	12	12	12	12	12	12	12
1934	3	3	2	4	2	12	12	12	12	12	12	12	12
1935	3	3	2	4	2	12	12	12	12	12	12	12	12
1936	3	3	2	4	2	12	12	12	12	12	12	12	12
1937	3	3	2	4	2	12	12	12	12	12	12	12	12
1938	3	3	2	4	2	12	12	12	12	12	12	12	12
1939	3	3	2	4	2	12	12	12	12	12	12	12	12
1940	3	3	2	4	2	12	12	12	12	12	12	12	12
1941	3	3	2	4	2	12	12	12	12	12	12	12	12
1942	3	3	2	4	2	12	12	12	12	12	12	12	12

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

RESTRICTED

RESTRICTED

Mukden

STAT

Number of days of hail

Number of days of soft hail

Number of days without sunshine

Year	1	2	3	4	5	6	7	8	9	10	11	12
1901	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1902	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1903	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1904	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1905	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1906	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1907	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1908	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1909	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1910	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1911	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1912	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1913	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1914	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1915	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1916	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1917	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1918	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1919	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1920	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1921	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1922	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1923	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1924	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1925	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1926	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1927	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1928	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1929	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1930	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1931	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1932	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1933	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1934	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1935	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1936	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1937	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1938	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1939	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1940	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1941	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||
1942	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||	||||

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

113 RESTRICTED

RESTRICTED

Mukden

Number of days without sunshine

Number of days of electrical storms

Number of stormy days

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1908	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1909	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1910	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1911	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1912	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1913	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1914	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1915	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1916	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1917	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1918	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1919	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1920	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1921	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1922	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1923	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1924	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1925	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1926	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1927	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1928	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1929	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1930	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1931	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1932	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1933	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1934	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1935	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1936	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1937	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1938	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1939	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1940	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1941	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1942	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

114 **RESTRICTED**

STAT

STAT

RESTRICTED

STAT

224

Mukden

Number of stormy days

Number of earthquakes

Maximum snowfall

年	一	二	三	四	五	六	七	八	九	十	十一	十二	合計
1908													
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932													
1933													
1934													
1935													
1936													
1937													
1938													
1939													
1940													
1941													
1942													
合計													

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

Mukden

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1929	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1930	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1931	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1932	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1933	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1934	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1935	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1936	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0
1937	6.1	7.6	9.7	12.1	14.1	15.1	15.1	14.1	12.1	9.1	6.1	4.1	10.0

Maximum snowfall

To-lun

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1929	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1930	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1931	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1932	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1933	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1934	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1935	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1936	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
1937	10.7	10.5	10.6	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1

Average barometric pressure of freezing pt.
 Average barometric pressure at sea level
 Maximum barometric pressure at sea level
 Minimum barometric pressure at sea level
 Average atmospheric temperature
 Average highest atmospheric temperature
 Average lowest atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Vapor pressure
 Average humidity
 Minimum degree of humidity

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

Ch'ih-feng

STAT

Average barometric pressure of freezing pt.

Highest barometric pressure of freezing pt.

Lowest barometric pressure of freezing pt.

Average barometric pressure at sea level

Average atmospheric temperature

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

Vapor pressure

Average humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
最高氣壓 (mm)	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025
最低氣壓 (mm)	995	995	995	995	995	995	995	995	995	995	995	995
平均氣壓 (mm)	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010
最高氣溫 (°C)	15.5	16.1	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0
最低氣溫 (°C)	-15.5	-14.1	-12.6	-11.2	-9.8	-8.4	-7.0	-5.6	-4.2	-2.8	-1.4	0.0
最高氣溫 (°F)	60	61	63	63	65	65	67	67	69	69	70	70
最低氣溫 (°F)	5	7	9	10	12	13	15	15	17	17	18	32
最高濕度 (%)	85	85	85	85	85	85	85	85	85	85	85	85
最低濕度 (%)	65	65	65	65	65	65	65	65	65	65	65	65
平均濕度 (%)	75	75	75	75	75	75	75	75	75	75	75	75

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

118 RESTRICTED

RESTRICTED

STAT

To-lun

Cloud density
 Average wind velocity
 Maximum wind velocity
 Rainfall
 Maximum rainfall per day
 Evaporative capacity
 Maximum evaporative capacity per day
 Average minimum earth temperature
 Average ground level temperature
 Number of rainy days
 Number of clear days
 Number of cloudy days
 Number of days of hail
 Number of days of soft hail
 Number of days without sunshine
 Number of days of electrical storms
 Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
雲量 1938	2.4	3.1	4.1	2.5	2.2	2.0	2.4	2.2	2.0	2.0	2.0	2.0	2.0
平均風速 1938	1.7	1.9	1.3	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
最大風速 1938	7.8	9.8	10.0	11.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
雨水量 1938	11.1	0.0	12.8	2.3	78.0	27.0	111.7	124.1	84.0	12.0	0.0	0.0	154.0
最大雨量 1938	1.1	0.0	3.4	1.5	25.0	11.3	24.0	23.5	12.1	1.1	0.0	0.0	24.0
蒸發量 1938	13.0	13.3	46.0	102.0	107.0	111.0	104.0	107.0	107.0	107.0	107.0	107.0	107.0
最大蒸發量 1938	0.7	3.5	1.3	15.4	14.3	8.8	8.5	11.1	8.8	5.6	5.7	2.5	15.4
平均最低地溫 1938	-13.9	-10.4	-12.0	-3.7	2.1	7.9	15.4	13.3	8.4	-2.6	-13.0	-10.0	-3.7
平均地面溫度 1938	-11.1	-10.4	-3.4	2.8	11.8	15.6	20.3	20.0	16.6	6.5	-2.5	-11.9	2.8
雨天數 1938	1	4	6	3	16	14	14	10	6	3	2	2	87
晴天數 1938	18	17	9	6	1	3	1	7	14	9	18	18	100
多雲日數 1938	1	1	6	3	10	10	14	10	7	3	1	4	83
霽日數 1938	1	1	1	1	1	1	1	1	1	1	1	1	12
無日照日數 1938	1	1	1	1	1	1	1	1	1	1	1	1	12
雷暴日數 1938	1	1	1	1	1	1	1	1	1	1	1	1	12

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

117 RESTRICTED

RESTRICTED

Ch'ih-fang

STAT

Minimum degree of humidity

Average cloud density

Average wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Evaporative capacity

Maximum evaporative capacity per day

Average minimum earth temperature

Average ground level temperature

No. of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最小湿度	50	50	50	50	50	50	50	50	50	50	50	50	50
平均湿度	75	75	75	75	75	75	75	75	75	75	75	75	75
平均风速	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
最大风速	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
降水量	1.4	5.3	3.0	9.0	30.8	34.7	22.1	61.8	11.2	1.1	0.1	0.1	127.8
最大日量	1.4	1.4	1.4	8.0	22.8	32.8	22.8	72.8	11.2	1.1	0.1	0.1	127.8
蒸发量	21.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0	27.5	27.5
最大日量	7.3	7.3	7.3	12.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0	60.0	60.0
最低地温	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0	-12.0
平均地温	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
降水日数	1	1	1	1	1	1	1	1	1	1	1	1	1

#12 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

Ch'ih-feng

No. of clear days

No. of cloudy days

No. of foggy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

No. of days of electrical storms

No. of stormy days

No. of freezing days

No. of days of frost

No. of snowy days

No. of days with snow on the ground

Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
No. of clear days	100	100	100	100	100	100	100	100	100	100	100	100
No. of cloudy days	100	100	100	100	100	100	100	100	100	100	100	100
No. of foggy days	100	100	100	100	100	100	100	100	100	100	100	100
No. of days of hail	100	100	100	100	100	100	100	100	100	100	100	100
No. of days of soft hail	100	100	100	100	100	100	100	100	100	100	100	100
No. of days without sunshine	100	100	100	100	100	100	100	100	100	100	100	100
No. of days of electrical storms	100	100	100	100	100	100	100	100	100	100	100	100
No. of stormy days	100	100	100	100	100	100	100	100	100	100	100	100
No. of freezing days	100	100	100	100	100	100	100	100	100	100	100	100
No. of days of frost	100	100	100	100	100	100	100	100	100	100	100	100
No. of snowy days	100	100	100	100	100	100	100	100	100	100	100	100
No. of days with snow on the ground	100	100	100	100	100	100	100	100	100	100	100	100

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute. February 1942

120

RESTRICTED

STAT

STAT

RESTRICTED

K'ang-yuan

STAT

Average
barometric
pressure of
freezing point

Highest
barometric
pressure of
freezing point

Lowest
barometric
pressure of
freezing point

Average
barometric
pressure at
sea level

Average
atmospheric
temperature

Station	Altitude (ft)	Average barometric pressure of freezing point	Highest barometric pressure of freezing point	Lowest barometric pressure of freezing point	Average barometric pressure at sea level	Average atmospheric temperature
1	100	30.00	30.00	30.00	30.00	32.0
2	200	29.95	29.95	29.95	29.95	31.5
3	300	29.90	29.90	29.90	29.90	31.0
4	400	29.85	29.85	29.85	29.85	30.5
5	500	29.80	29.80	29.80	29.80	30.0
6	600	29.75	29.75	29.75	29.75	29.5
7	700	29.70	29.70	29.70	29.70	29.0
8	800	29.65	29.65	29.65	29.65	28.5
9	900	29.60	29.60	29.60	29.60	28.0
10	1000	29.55	29.55	29.55	29.55	27.5
11	1100	29.50	29.50	29.50	29.50	27.0
12	1200	29.45	29.45	29.45	29.45	26.5
13	1300	29.40	29.40	29.40	29.40	26.0
14	1400	29.35	29.35	29.35	29.35	25.5
15	1500	29.30	29.30	29.30	29.30	25.0
16	1600	29.25	29.25	29.25	29.25	24.5
17	1700	29.20	29.20	29.20	29.20	24.0
18	1800	29.15	29.15	29.15	29.15	23.5
19	1900	29.10	29.10	29.10	29.10	23.0
20	2000	29.05	29.05	29.05	29.05	22.5
21	2100	29.00	29.00	29.00	29.00	22.0
22	2200	28.95	28.95	28.95	28.95	21.5
23	2300	28.90	28.90	28.90	28.90	21.0
24	2400	28.85	28.85	28.85	28.85	20.5
25	2500	28.80	28.80	28.80	28.80	20.0
26	2600	28.75	28.75	28.75	28.75	19.5
27	2700	28.70	28.70	28.70	28.70	19.0
28	2800	28.65	28.65	28.65	28.65	18.5
29	2900	28.60	28.60	28.60	28.60	18.0
30	3000	28.55	28.55	28.55	28.55	17.5
31	3100	28.50	28.50	28.50	28.50	17.0
32	3200	28.45	28.45	28.45	28.45	16.5
33	3300	28.40	28.40	28.40	28.40	16.0
34	3400	28.35	28.35	28.35	28.35	15.5
35	3500	28.30	28.30	28.30	28.30	15.0
36	3600	28.25	28.25	28.25	28.25	14.5
37	3700	28.20	28.20	28.20	28.20	14.0
38	3800	28.15	28.15	28.15	28.15	13.5
39	3900	28.10	28.10	28.10	28.10	13.0
40	4000	28.05	28.05	28.05	28.05	12.5
41	4100	28.00	28.00	28.00	28.00	12.0
42	4200	27.95	27.95	27.95	27.95	11.5
43	4300	27.90	27.90	27.90	27.90	11.0
44	4400	27.85	27.85	27.85	27.85	10.5
45	4500	27.80	27.80	27.80	27.80	10.0
46	4600	27.75	27.75	27.75	27.75	9.5
47	4700	27.70	27.70	27.70	27.70	9.0
48	4800	27.65	27.65	27.65	27.65	8.5
49	4900	27.60	27.60	27.60	27.60	8.0
50	5000	27.55	27.55	27.55	27.55	7.5
51	5100	27.50	27.50	27.50	27.50	7.0
52	5200	27.45	27.45	27.45	27.45	6.5
53	5300	27.40	27.40	27.40	27.40	6.0
54	5400	27.35	27.35	27.35	27.35	5.5
55	5500	27.30	27.30	27.30	27.30	5.0
56	5600	27.25	27.25	27.25	27.25	4.5
57	5700	27.20	27.20	27.20	27.20	4.0
58	5800	27.15	27.15	27.15	27.15	3.5
59	5900	27.10	27.10	27.10	27.10	3.0
60	6000	27.05	27.05	27.05	27.05	2.5
61	6100	27.00	27.00	27.00	27.00	2.0
62	6200	26.95	26.95	26.95	26.95	1.5
63	6300	26.90	26.90	26.90	26.90	1.0
64	6400	26.85	26.85	26.85	26.85	0.5
65	6500	26.80	26.80	26.80	26.80	0.0
66	6600	26.75	26.75	26.75	26.75	-0.5
67	6700	26.70	26.70	26.70	26.70	-1.0
68	6800	26.65	26.65	26.65	26.65	-1.5
69	6900	26.60	26.60	26.60	26.60	-2.0
70	7000	26.55	26.55	26.55	26.55	-2.5
71	7100	26.50	26.50	26.50	26.50	-3.0
72	7200	26.45	26.45	26.45	26.45	-3.5
73	7300	26.40	26.40	26.40	26.40	-4.0
74	7400	26.35	26.35	26.35	26.35	-4.5
75	7500	26.30	26.30	26.30	26.30	-5.0
76	7600	26.25	26.25	26.25	26.25	-5.5
77	7700	26.20	26.20	26.20	26.20	-6.0
78	7800	26.15	26.15	26.15	26.15	-6.5
79	7900	26.10	26.10	26.10	26.10	-7.0
80	8000	26.05	26.05	26.05	26.05	-7.5
81	8100	26.00	26.00	26.00	26.00	-8.0
82	8200	25.95	25.95	25.95	25.95	-8.5
83	8300	25.90	25.90	25.90	25.90	-9.0
84	8400	25.85	25.85	25.85	25.85	-9.5
85	8500	25.80	25.80	25.80	25.80	-10.0
86	8600	25.75	25.75	25.75	25.75	-10.5
87	8700	25.70	25.70	25.70	25.70	-11.0
88	8800	25.65	25.65	25.65	25.65	-11.5
89	8900	25.60	25.60	25.60	25.60	-12.0
90	9000	25.55	25.55	25.55	25.55	-12.5
91	9100	25.50	25.50	25.50	25.50	-13.0
92	9200	25.45	25.45	25.45	25.45	-13.5
93	9300	25.40	25.40	25.40	25.40	-14.0
94	9400	25.35	25.35	25.35	25.35	-14.5
95	9500	25.30	25.30	25.30	25.30	-15.0
96	9600	25.25	25.25	25.25	25.25	-15.5
97	9700	25.20	25.20	25.20	25.20	-16.0
98	9800	25.15	25.15	25.15	25.15	-16.5
99	9900	25.10	25.10	25.10	25.10	-17.0
100	10000	25.05	25.05	25.05	25.05	-17.5

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

121 RESTRICTED

RESTRICTED

K'ai-yuan

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

Year	1	2	3	4	5	6	7	8	9	10	11	12
1905	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1906	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1907	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1908	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1909	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1910	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1911	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1912	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1913	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1914	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1915	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1916	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1917	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1918	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1919	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1920	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1921	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1922	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1923	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1924	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1925	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1926	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1927	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1928	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1929	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1930	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1931	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1932	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1933	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1934	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1935	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1936	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1938	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1939	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1940	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1941	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1942	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

#12 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

RESTRICTED
K'ai-yuan

Vapor pressure

Average humidity

Minimum degree of humidity

Average wind velocity

	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最高值	1.8	2.8	4.8	7.8	10.8	13.8	16.8	19.8	22.8	25.8	28.8	31.8	21.5
最低值	0.8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	8.5
平均値	1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.3	11.3	12.3	8.5
最高値	85	85	85	85	85	85	85	85	85	85	85	85	85
最低値	35	35	35	35	35	35	35	35	35	35	35	35	35
平均値	60	60	60	60	60	60	60	60	60	60	60	60	60
最高値	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
最低値	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
平均値	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

123 RESTRICTED

RESTRICTED

K'ai-yuan

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maximum wind velocity	12	15	18	20	22	25	28	30	32	35	38	40
Rainfall	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
Maximum rainfall per day	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
Insolation capacity (in hours)	12	11	10	9	8	7	6	5	4	3	2	1

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

124 RESTRICTED

RESTRICTED

944

K'ai-yuan

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Average minimum earth temperature

Minimum earth temperature

年	一	二	三	四	五	六	七	八	九	十	十一	十二	全年
日 照 量	1946	72	67	67	67	67	67	67	67	67	67	67	67
1947	72	67	67	67	67	67	67	67	67	67	67	67	67
1948	72	67	67	67	67	67	67	67	67	67	67	67	67
1949	72	67	67	67	67	67	67	67	67	67	67	67	67
1950	72	67	67	67	67	67	67	67	67	67	67	67	67
1951	72	67	67	67	67	67	67	67	67	67	67	67	67
1952	72	67	67	67	67	67	67	67	67	67	67	67	67
1953	72	67	67	67	67	67	67	67	67	67	67	67	67
1954	72	67	67	67	67	67	67	67	67	67	67	67	67
1955	72	67	67	67	67	67	67	67	67	67	67	67	67
1956	72	67	67	67	67	67	67	67	67	67	67	67	67
1957	72	67	67	67	67	67	67	67	67	67	67	67	67
1958	72	67	67	67	67	67	67	67	67	67	67	67	67
1959	72	67	67	67	67	67	67	67	67	67	67	67	67
1960	72	67	67	67	67	67	67	67	67	67	67	67	67
1961	72	67	67	67	67	67	67	67	67	67	67	67	67
1962	72	67	67	67	67	67	67	67	67	67	67	67	67
1963	72	67	67	67	67	67	67	67	67	67	67	67	67
1964	72	67	67	67	67	67	67	67	67	67	67	67	67
1965	72	67	67	67	67	67	67	67	67	67	67	67	67
1966	72	67	67	67	67	67	67	67	67	67	67	67	67
1967	72	67	67	67	67	67	67	67	67	67	67	67	67
1968	72	67	67	67	67	67	67	67	67	67	67	67	67
1969	72	67	67	67	67	67	67	67	67	67	67	67	67
1970	72	67	67	67	67	67	67	67	67	67	67	67	67
1971	72	67	67	67	67	67	67	67	67	67	67	67	67
1972	72	67	67	67	67	67	67	67	67	67	67	67	67
1973	72	67	67	67	67	67	67	67	67	67	67	67	67
1974	72	67	67	67	67	67	67	67	67	67	67	67	67
1975	72	67	67	67	67	67	67	67	67	67	67	67	67
1976	72	67	67	67	67	67	67	67	67	67	67	67	67
1977	72	67	67	67	67	67	67	67	67	67	67	67	67
1978	72	67	67	67	67	67	67	67	67	67	67	67	67
1979	72	67	67	67	67	67	67	67	67	67	67	67	67
1980	72	67	67	67	67	67	67	67	67	67	67	67	67
1981	72	67	67	67	67	67	67	67	67	67	67	67	67
1982	72	67	67	67	67	67	67	67	67	67	67	67	67
1983	72	67	67	67	67	67	67	67	67	67	67	67	67
1984	72	67	67	67	67	67	67	67	67	67	67	67	67
1985	72	67	67	67	67	67	67	67	67	67	67	67	67
1986	72	67	67	67	67	67	67	67	67	67	67	67	67
1987	72	67	67	67	67	67	67	67	67	67	67	67	67
1988	72	67	67	67	67	67	67	67	67	67	67	67	67
1989	72	67	67	67	67	67	67	67	67	67	67	67	67
1990	72	67	67	67	67	67	67	67	67	67	67	67	67
1991	72	67	67	67	67	67	67	67	67	67	67	67	67
1992	72	67	67	67	67	67	67	67	67	67	67	67	67
1993	72	67	67	67	67	67	67	67	67	67	67	67	67
1994	72	67	67	67	67	67	67	67	67	67	67	67	67
1995	72	67	67	67	67	67	67	67	67	67	67	67	67
1996	72	67	67	67	67	67	67	67	67	67	67	67	67
1997	72	67	67	67	67	67	67	67	67	67	67	67	67
1998	72	67	67	67	67	67	67	67	67	67	67	67	67
1999	72	67	67	67	67	67	67	67	67	67	67	67	67
2000	72	67	67	67	67	67	67	67	67	67	67	67	67
2001	72	67	67	67	67	67	67	67	67	67	67	67	67
2002	72	67	67	67	67	67	67	67	67	67	67	67	67
2003	72	67	67	67	67	67	67	67	67	67	67	67	67
2004	72	67	67	67	67	67	67	67	67	67	67	67	67
2005	72	67	67	67	67	67	67	67	67	67	67	67	67
2006	72	67	67	67	67	67	67	67	67	67	67	67	67
2007	72	67	67	67	67	67	67	67	67	67	67	67	67
2008	72	67	67	67	67	67	67	67	67	67	67	67	67
2009	72	67	67	67	67	67	67	67	67	67	67	67	67
2010	72	67	67	67	67	67	67	67	67	67	67	67	67
2011	72	67	67	67	67	67	67	67	67	67	67	67	67
2012	72	67	67	67	67	67	67	67	67	67	67	67	67
2013	72	67	67	67	67	67	67	67	67	67	67	67	67
2014	72	67	67	67	67	67	67	67	67	67	67	67	67
2015	72	67	67	67	67	67	67	67	67	67	67	67	67
2016	72	67	67	67	67	67	67	67	67	67	67	67	67
2017	72	67	67	67	67	67	67	67	67	67	67	67	67
2018	72	67	67	67	67	67	67	67	67	67	67	67	67
2019	72	67	67	67	67	67	67	67	67	67	67	67	67
2020	72	67	67	67	67	67	67	67	67	67	67	67	67

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

K'ai-yuan

	年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
Minimum earth temperature	1921	-20.0	-22.5	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0
	22	-20.0	-22.5	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0
	23	-20.0	-22.5	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0
	24	-20.0	-22.5	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0
	25	-20.0	-22.5	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0	-24.0
Average ground level temperature	1926	-10.1	-6.3	0.6	7.3	17.6	22.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1
	27	-10.1	-6.3	0.6	7.3	17.6	22.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1
	28	-10.1	-6.3	0.6	7.3	17.6	22.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1
	29	-10.1	-6.3	0.6	7.3	17.6	22.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1
	30	-10.1	-6.3	0.6	7.3	17.6	22.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1
Underground temperature (10m)	1926	-8.9	-5.8	-0.4	5.8	16.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
	27	-8.9	-5.8	-0.4	5.8	16.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
	28	-8.9	-5.8	-0.4	5.8	16.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
	29	-8.9	-5.8	-0.4	5.8	16.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
	30	-8.9	-5.8	-0.4	5.8	16.3	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
Underground temperature (20m)	1926	-7.0	-3.9	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	27	-7.0	-3.9	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	28	-7.0	-3.9	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	29	-7.0	-3.9	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	30	-7.0	-3.9	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
Underground temperature (30m)	1926	-5.2	-2.1	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	27	-5.2	-2.1	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	28	-5.2	-2.1	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	29	-5.2	-2.1	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	30	-5.2	-2.1	1.4	8.3	19.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute. February 1942

STAT

126 RESTRICTED

RESTRICTED

K'ai-yuan

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Number of rainy days

Number of clear days

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31																																																																								
1941	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
1942	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
1943	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
1944	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0
1945	10.5	10.2	10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0	-0.2	-0.4	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6	-1.8	-2.0	-2.2	-2.4	-2.6	-2.8	-3.0	-3.2	-3.4	-3.6	-3.8	-4.0	-4.2	-4.4	-4.6	-4.8	-5.0	-5.2	-5.4	-5.6	-5.8	-6.0	-6.2	-6.4	-6.6	-6.8	-7.0	-7.2	-7.4	-7.6	-7.8	-8.0	-8.2	-8.4	-8.6	-8.8	-9.0	-9.2	-9.4	-9.6	-9.8	-10.0

STAT
STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

127 RESTRICTED

RESTRICTED

F'ai-yuan

Number of clear days

Number of cloudy days

Number of foggy days

Number of days of hail

Number of days of soft hail

Number of days without sunshine

Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
Number of clear days	10	12	15	18	20	22	25	28	30	32	35	38
Number of cloudy days	20	18	15	12	10	8	5	3	2	1	0	0
Number of foggy days	5	4	3	2	1	1	0	0	0	0	0	0
Number of days of hail	0	0	0	0	0	0	0	0	0	0	0	0
Number of days of soft hail	0	0	0	0	0	0	0	0	0	0	0	0
Number of days without sunshine	15	12	10	8	6	4	3	2	1	0	0	0

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

128 RESTRICTED

RESTRICTED

K'ai-yuan

Number of days without sunshine

Number of days of electrical storms

Number of stormy days

Maximum snowfall

年	一	二	三	四	五	六	七	八	九	十	十一	十二	全年
1924	1	1	1	1	1	1	1	1	1	1	1	1	12
1925	1	1	1	1	1	1	1	1	1	1	1	1	12
1926	1	1	1	1	1	1	1	1	1	1	1	1	12
1927	1	1	1	1	1	1	1	1	1	1	1	1	12
1928	1	1	1	1	1	1	1	1	1	1	1	1	12
1929	1	1	1	1	1	1	1	1	1	1	1	1	12
1930	1	1	1	1	1	1	1	1	1	1	1	1	12
1931	1	1	1	1	1	1	1	1	1	1	1	1	12
1932	1	1	1	1	1	1	1	1	1	1	1	1	12
1933	1	1	1	1	1	1	1	1	1	1	1	1	12
1934	1	1	1	1	1	1	1	1	1	1	1	1	12
1935	1	1	1	1	1	1	1	1	1	1	1	1	12
1936	1	1	1	1	1	1	1	1	1	1	1	1	12
1937	1	1	1	1	1	1	1	1	1	1	1	1	12
1938	1	1	1	1	1	1	1	1	1	1	1	1	12
1939	1	1	1	1	1	1	1	1	1	1	1	1	12
1940	1	1	1	1	1	1	1	1	1	1	1	1	12
1941	1	1	1	1	1	1	1	1	1	1	1	1	12
1942	1	1	1	1	1	1	1	1	1	1	1	1	12

Yen-chi

Average barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Average barometric pressure at sea level

年	一	二	三	四	五	六	七	八	九	十	十一	十二	全年
1924	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1925	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1926	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1927	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1928	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1929	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1930	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1931	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1932	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1933	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1934	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1935	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1936	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1937	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1938	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1939	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1940	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1941	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
1942	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Yen-chi

Average atmospheric temp.
 Average highest atmospheric temp.
 Average lowest atmospheric temp.
 High limit of atmospheric temp.
 Low limit of atmospheric temp.
 Vapor pressure
 Average humidity
 Minimum degree of humidity
 Average cloud density
 Average wind velocity
 Maximum wind velocity
 Rainfall
 Maximum rainfall per day
 Insolation capacity (in hours)

	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
平均氣溫	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
最高氣溫	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
最低氣溫	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
最高極限	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
最低極限	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
水汽壓力	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
平均濕度	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
最小濕度	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
平均雲量	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
平均風速	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
最大風速	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
降雨量	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
最大日降雨	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
日照時數	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

130 **RESTRICTED**

RESTRICTED

Yen-chi

STAT

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Average minimum earth temp.

Average ground level temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

年	一	二	三	四	五	六	七	八	九	十	十一	十二	全年
1937	12.5	18.1	16.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
38	12.5	18.1	16.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
39	12.5	18.1	16.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
40	12.5	18.1	16.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
1937	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
38	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
39	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
40	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
1937	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5
38	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5
39	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5
40	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5
1937	-11.6	-7.4	-7.7	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	-11.6	-7.4	-7.7	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	-11.6	-7.4	-7.7	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-11.6	-7.4	-7.7	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	-11.4	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	-11.4	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	-11.4	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-11.4	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	-9.7	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	-9.7	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	-9.7	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-9.7	-8.1	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	-8.1	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	-8.1	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	-8.1	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-8.1	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	-7.4	-7.4	-7.4	7.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1937	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
38	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
39	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
40	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1937	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
38	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
39	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
40	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1937	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
38	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
39	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
40	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

13 / RESTRICTED

RESTRICTED

Yen-chi

Underground temp.

Number of rainy days

Number of clear days

Number of cloudy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

No. of days of electrical storms

No. of stormy days

No. of freezing days

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total		
地下温度 (Cm)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
雨水日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
晴天日数	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		
多云日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
霰日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
软霰日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
无日照日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
雷电日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
暴风雨日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
霜日数	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

132 RESTRICTED

STAT

STAT

RESTRICTED

STAT

Sau-p'ing-chieh

Average barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Average barometric pressure at sea level

Average atmospheric temperature

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

	1934	1935	1936	1937	1938	1939	1940	1941	1942
平均氣壓	765.4	765.4	765.4	765.4	765.4	765.4	765.4	765.4	765.4
最高氣壓	800.0	800.0	800.0	800.0	800.0	800.0	800.0	800.0	800.0
最低氣壓	730.0	730.0	730.0	730.0	730.0	730.0	730.0	730.0	730.0
平均氣壓	765.4	765.4	765.4	765.4	765.4	765.4	765.4	765.4	765.4
平均氣溫	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5	-1.5
最高氣溫	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
最低氣溫	-25.0	-25.0	-25.0	-25.0	-25.0	-25.0	-25.0	-25.0	-25.0
最高氣溫	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

STAT

Sau-p'ing-chih

Low limit of atmospheric temperature
Vapor pressure
Average humidity
Minimum degree of humidity
Average cloud density
Average wind velocity
Maximum wind velocity
Rainfall

Table with multiple columns and rows containing numerical data for various weather metrics. The table is organized into sections for each metric, with sub-headers for different years or periods. The data is presented in a grid format with some cells containing dashes or specific values.

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

134 RESTRICTED

RESTRICTED

Ssu-p'ing-chieh

STAT

Maximum rain-fall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Average maximum earth temp.

Minimum earth temp.

Average ground level temperature

Month	1	2	3	4	5	6	7	8	9	10	11	12	Yearly
Maximum rain-fall per day	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Insolation capacity (in hours)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Percentage of insolation capacity	85	75	68	60	50	40	30	20	10	5	2	1	5
Evaporative capacity	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
Maximum evaporative capacity per day	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Average maximum earth temp.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Minimum earth temp.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Average ground level temperature	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

135 RESTRICTED

RESTRICTED

Ssu-p'ing-chieh

STAT

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Station	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Station 1	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 2	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 6	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 8	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 9	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
Station 10	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

STAT

Underground temperature

No. of rainy days

No. of clear days

No. of cloudy days

No. of foggy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

Shu-p'ing-chih

Year	1	2	3	4	5	6	7	8	9	10	11	12	Total
1934	40	30	35	38	42	45	48	50	52	55	58	60	58
1935	35	32	30	28	25	22	20	18	15	12	10	8	150
1936	38	35	32	30	28	25	22	20	18	15	12	10	150
1937	42	38	35	32	30	28	25	22	20	18	15	12	150
1938	45	40	38	35	32	30	28	25	22	20	18	15	150
1939	48	42	40	38	35	32	30	28	25	22	20	18	150
1940	50	45	42	40	38	35	32	30	28	25	22	20	150
1941	52	48	45	42	40	38	35	32	30	28	25	22	150
1942	55	50	48	45	42	40	38	35	32	30	28	25	150
1943	58	52	50	48	45	42	40	38	35	32	30	28	150
1944	60	55	52	50	48	45	42	40	38	35	32	30	150
1945	62	58	55	52	50	48	45	42	40	38	35	32	150
1946	65	60	58	55	52	50	48	45	42	40	38	35	150
1947	68	62	60	58	55	52	50	48	45	42	40	38	150
1948	70	65	62	60	58	55	52	50	48	45	42	40	150
1949	72	68	65	62	60	58	55	52	50	48	45	42	150
1950	75	70	68	65	62	60	58	55	52	50	48	45	150
1951	78	72	70	68	65	62	60	58	55	52	50	48	150
1952	80	75	72	70	68	65	62	60	58	55	52	50	150
1953	82	78	75	72	70	68	65	62	60	58	55	52	150
1954	85	80	78	75	72	70	68	65	62	60	58	55	150
1955	88	82	80	78	75	72	70	68	65	62	60	58	150
1956	90	85	82	80	78	75	72	70	68	65	62	60	150
1957	92	88	85	82	80	78	75	72	70	68	65	62	150
1958	95	90	88	85	82	80	78	75	72	70	68	65	150
1959	98	92	90	88	85	82	80	78	75	72	70	68	150
1960	100	95	92	90	88	85	82	80	78	75	72	70	150

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

137 RESTRICTED

RESTRICTED
Sen-ling-chih

No. of days of electrical storms

No. of stormy days

No. of earthquakes
Maximum amount of snowfall

No. of freezing days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
電氣日數 1934	1	1	1	1	1	1	1	1	1	1	1	1	12
暴風日數 1934	8	11	18	23	16	3	3	1	4	26	18	15	138
地震回數 1937	1	1	1	1	1	1	1	1	1	1	1	1	12
最大積雪量 1934	9.0	4.0	14.0	1.0	1.0	1.0	1.0	1.0	1.0	7.0	1.0	1.0	34.0
冰日數 1935	31	31	30	29	28	27	26	25	24	23	22	21	299

土 門 子

Average barometric pressure of freezing point
Highest barometric pressure of freezing point
Lowest barometric pressure of freezing point
Average barometric pressure at sea level
Average atmospheric temperature
Average highest atmospheric temperature
Average lowest atmospheric temperature
High limit of atmospheric temperature
Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
冰點氣壓 1935	43.3	43.5	44.5	47.0	50.0	57.0	58.5	59.5	60.5	61.0	61.5	62.0	54.0
最高氣壓 1935	57.4	51.6	58.7	65.5	68.0	71.0	71.0	70.5	69.4	68.5	68.5	68.0	68.0
最低氣壓 1935	37.5	38.8	35.0	38.0	44.7	50.0	53.0	53.0	53.5	53.5	53.5	53.5	48.0
海平面氣壓 1935	62.3	62.1	62.8	62.8	62.6	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
平均氣溫 1935	-17.5	-18.0	-16.0	-10.0	1.0	14.0	20.3	22.0	22.0	20.0	15.0	7.0	10.0
最高氣溫 1935	-6.0	-2.0	8.0	23.0	30.0	37.0	38.5	38.5	38.0	35.0	27.0	18.0	27.0
最低氣溫 1935	-26.5	-21.0	-9.0	1.0	14.0	20.3	22.0	22.0	22.0	20.0	15.0	7.0	10.0
最高極限 1935	1.0	1.0	17.0	32.0	38.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

138 **RESTRICTED**

STAT

STAT

RESTRICTED

T'ao-men-tsu

- Vapor pressure
- Average humidity
- Minimum degree of humidity
- Average cloud density
- Average wind velocity
- Maximum wind velocity
- Rainfall
- Maximum rainfall per day
- Insolation capacity (in hours)
- Percentage of insolation capacity
- Evaporative capacity
- Maximum evaporative capacity per day
- Average minimum earth temperature
- Average ground level temperature
- Underground temp.
- Underground temp.
- Underground temp.
- Underground temp.

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
水汽壓力	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
平均濕度	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
最小濕度	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
平均雲量	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
平均風速	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
最大風速	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
總雨量	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
最大日量	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
日照時數	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050	2050
日照率	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
蒸發量	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
最大日量	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
平均最低地溫	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
平均地面溫度	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
地下溫度(1.5m)	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0
地下溫度(3.0m)	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0
地下溫度(4.5m)	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0	-11.0

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
 East Asia Research Institute, February 1942

139 RESTRICTED

STAT

RESTRICTED

T'u-mo-tsu

Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 No. of rainy days
 No. of clear days
 No. of cloudy days
 No. of days of hail
 No. of days without sunshine
 No. of days of electrical storms
 No. of stormy days
 Maximum snowfall
 No. of freezing days

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
1938	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
1939	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
1940	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
1941	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1942	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
 East Asia Research Institute, February 1942

140

RESTRICTED

STAT

STAT

RESTRICTED

280

Tun-hua

Barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Barometric pressure at sea level

Average atmospheric temperature

Average highest atmospheric temp.

Average lowest atmospheric temp.

High limit of atmospheric temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 (+700mm) 1931	104	113	122	131	140	149	158	167	176	185	194	203	158.5
33	105	114	123	132	141	150	159	168	177	186	195	204	159.5
34	106	115	124	133	142	151	160	169	178	187	196	205	160.5
35	107	116	125	134	143	152	161	170	179	188	197	206	161.5
36	108	117	126	135	144	153	162	171	180	189	198	207	162.5
水銀氣壓 (+700mm) 1931	99.4	103	107	111	115	119	123	127	131	135	139	143	115.5
33	100	104	108	112	116	120	124	128	132	136	140	144	116.5
34	101	105	109	113	117	121	125	129	133	137	141	145	117.5
35	102	106	110	114	118	122	126	130	134	138	142	146	118.5
36	103	107	111	115	119	123	127	131	135	139	143	147	119.5
水銀氣壓 (+700mm) 1931	108	117	126	135	144	153	162	171	180	189	198	207	158.5
33	109	118	127	136	145	154	163	172	181	190	199	208	159.5
34	110	119	128	137	146	155	164	173	182	191	200	209	160.5
35	111	120	129	138	147	156	165	174	183	192	201	210	161.5
36	112	121	130	139	148	157	166	175	184	193	202	211	162.5
海平面氣壓 (+700mm) 1931	108.0	117.0	126.0	135.0	144.0	153.0	162.0	171.0	180.0	189.0	198.0	207.0	158.5
33	109.0	118.0	127.0	136.0	145.0	154.0	163.0	172.0	181.0	190.0	199.0	208.0	159.5
34	110.0	119.0	128.0	137.0	146.0	155.0	164.0	173.0	182.0	191.0	200.0	209.0	160.5
35	111.0	120.0	129.0	138.0	147.0	156.0	165.0	174.0	183.0	192.0	201.0	210.0	161.5
36	112.0	121.0	130.0	139.0	148.0	157.0	166.0	175.0	184.0	193.0	202.0	211.0	162.5
平均氣溫 1931	-17.3	-17.7	-6.5	8.0	12.2	17.4	19.4	18.0	12.0	4.0	-1.0	-10.4	-10.4
33	-18.1	-18.2	-6.0	8.5	12.7	17.9	19.9	18.5	12.5	4.5	-1.5	-11.2	-11.2
34	-18.9	-19.0	-5.3	9.0	13.2	18.4	20.4	19.0	13.0	5.0	-2.0	-12.0	-12.0
35	-19.7	-19.8	-4.6	9.5	13.7	18.9	20.9	19.5	13.5	5.5	-2.5	-12.8	-12.8
36	-20.5	-20.6	-3.9	10.0	14.2	19.4	21.4	20.0	14.0	6.0	-3.0	-13.6	-13.6
最高氣溫 1931	-10.4	-5.1	4.3	8.0	12.0	16.0	18.0	16.0	10.0	4.0	-1.0	-6.0	-6.0
33	-11.0	-5.7	4.0	8.5	12.5	16.5	18.5	16.5	10.5	4.5	-1.5	-6.5	-6.5
34	-11.6	-6.3	4.7	9.0	13.0	17.0	19.0	17.0	11.0	5.0	-2.0	-7.0	-7.0
35	-12.2	-6.9	5.0	9.5	13.5	17.5	19.5	17.5	11.5	5.5	-2.5	-7.5	-7.5
36	-12.8	-7.5	5.3	10.0	14.0	18.0	20.0	18.0	12.0	6.0	-3.0	-8.0	-8.0
最低氣溫 1931	-24.0	-24.0	-18.0	-12.0	-7.0	-2.0	3.0	8.0	13.0	18.0	23.0	28.0	28.0
33	-24.5	-24.5	-18.5	-12.5	-7.5	-2.5	2.5	7.5	12.5	17.5	22.5	27.5	27.5
34	-25.0	-25.0	-19.0	-13.0	-8.0	-3.0	2.0	7.0	12.0	17.0	22.0	27.0	27.0
35	-25.5	-25.5	-19.5	-13.5	-8.5	-3.5	2.5	7.5	12.5	17.5	22.5	27.5	27.5
36	-26.0	-26.0	-20.0	-14.0	-9.0	-4.0	3.0	8.0	13.0	18.0	23.0	28.0	28.0
最高氣溫 1931	28.0	34.0	40.0	46.0	52.0	58.0	64.0	70.0	76.0	82.0	88.0	94.0	64.0
33	28.5	34.5	40.5	46.5	52.5	58.5	64.5	70.5	76.5	82.5	88.5	94.5	64.5
34	29.0	35.0	41.0	47.0	53.0	59.0	65.0	71.0	77.0	83.0	89.0	95.0	65.0
35	29.5	35.5	41.5	47.5	53.5	59.5	65.5	71.5	77.5	83.5	89.5	95.5	65.5
36	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	78.0	84.0	90.0	96.0	66.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

STAT

Low limit of atmospheric temperature

Vapor pressure

Average humidity

Minimum degree of humidity

Average cloud density

Average wind velocity

Maximum wind velocity

Rainfall

Tun-hua

	1	2	3	4	5	6	7	8	9	10	11	12	Yearly
最低氣溫	1931	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7	-28.7
水汽壓	1931	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
平均濕度	1931	81	86	88	87	87	87	87	87	87	87	87	87
最小濕度	1931	33	33	33	33	33	33	33	33	33	33	33	33
平均雲量	1931	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
平均風速	1931	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
最大風速	1931	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
降雨量	1931	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6

#12 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

142 RESTRICTED

RESTRICTED

STAT

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Ground level temp.

Underground temp.

Underground temp.

Underground temp.

No. of rainy days

Tientsin

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Maximum rainfall per day	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	40.0	35.0	30.0	25.0
Insolation capacity (in hours)	100	150	200	250	300	350	400	450	400	350	300	250
Percentage of insolation capacity	10	15	20	25	30	35	40	45	40	35	30	25
Evaporative capacity	100	150	200	250	300	350	400	450	400	350	300	250
Maximum evaporative capacity per day	10	15	20	25	30	35	40	45	40	35	30	25
Ground level temp.	5	10	15	20	25	30	35	40	35	30	25	20
Underground temp.	10	10	10	10	10	10	10	10	10	10	10	10
Underground temp.	10	10	10	10	10	10	10	10	10	10	10	10
Underground temp.	10	10	10	10	10	10	10	10	10	10	10	10
No. of rainy days	10	10	10	10	10	10	10	10	10	10	10	10

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

143

RESTRICTED

RESTRICTED

Tsun-hua

No. of clear days

No. of cloudy days

No. of foggy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

No. of days of electrical storms

No. of stormy days

Maximum snowfall

Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
No. of clear days	15	20	18	16	14	12	10	8	6	4	3	2
No. of cloudy days	19	14	16	18	20	22	24	26	28	30	31	32
No. of foggy days	1	1	1	1	1	1	1	1	1	1	1	1
No. of days of hail	1	1	1	1	1	1	1	1	1	1	1	1
No. of days of soft hail	1	1	1	1	1	1	1	1	1	1	1	1
No. of days without sunshine	1	1	1	1	1	1	1	1	1	1	1	1
No. of days of electrical storms	1	1	1	1	1	1	1	1	1	1	1	1
No. of stormy days	1	1	1	1	1	1	1	1	1	1	1	1
Maximum snowfall	1	1	1	1	1	1	1	1	1	1	1	1

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
 East Asia Research Institute, February 1942

STAT

149 RESTRICTED

RESTRICTED

Liao-yuan

Average barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Average barometric pressure at sea level

Month	1	2	3	4	5	6	7	8	9	10	11	12
Average barometric pressure of freezing point	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5
Highest barometric pressure of freezing point	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5
Lowest barometric pressure of freezing point	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5
Average barometric pressure at sea level	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5	1013.5

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

145

RESTRICTED

RESTRICTED

Liao-yuan

Average atmospheric temperature

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

年	一	二	三	四	五	六	七	八	九	十	十一	十二	平均
平均氣溫	1901	-12.4	-10.5	-7.5	-1.5	11.5	18.5	22.5	24.5	22.5	18.5	12.5	10.5
	1902	-14.5	-12.5	-9.5	-3.5	10.5	17.5	21.5	23.5	21.5	17.5	11.5	11.5
	1903	-15.5	-13.5	-10.5	-4.5	11.5	18.5	22.5	24.5	22.5	18.5	12.5	11.5
	1904	-17.5	-15.5	-12.5	-6.5	12.5	19.5	23.5	25.5	23.5	19.5	13.5	12.5
	1905	-19.5	-17.5	-14.5	-8.5	13.5	20.5	24.5	26.5	24.5	20.5	14.5	13.5
	1906	-21.5	-19.5	-16.5	-10.5	14.5	21.5	25.5	27.5	25.5	21.5	15.5	14.5
	1907	-23.5	-21.5	-18.5	-12.5	15.5	22.5	26.5	28.5	26.5	22.5	16.5	15.5
	1908	-25.5	-23.5	-20.5	-14.5	16.5	23.5	27.5	29.5	27.5	23.5	17.5	16.5
	1909	-27.5	-25.5	-22.5	-16.5	17.5	24.5	28.5	30.5	28.5	24.5	18.5	17.5
	1910	-29.5	-27.5	-24.5	-18.5	18.5	25.5	29.5	31.5	29.5	25.5	19.5	18.5
	1911	-31.5	-29.5	-26.5	-20.5	19.5	26.5	30.5	32.5	30.5	26.5	20.5	19.5
	1912	-33.5	-31.5	-28.5	-22.5	20.5	27.5	31.5	33.5	31.5	27.5	21.5	20.5
	1913	-35.5	-33.5	-30.5	-24.5	21.5	28.5	32.5	34.5	32.5	28.5	22.5	21.5
	1914	-37.5	-35.5	-32.5	-26.5	22.5	29.5	33.5	35.5	33.5	29.5	23.5	22.5
	1915	-39.5	-37.5	-34.5	-28.5	23.5	30.5	34.5	36.5	34.5	30.5	24.5	23.5
	1916	-41.5	-39.5	-36.5	-30.5	24.5	31.5	35.5	37.5	35.5	31.5	25.5	24.5
	1917	-43.5	-41.5	-38.5	-32.5	25.5	32.5	36.5	38.5	36.5	32.5	26.5	25.5
	1918	-45.5	-43.5	-40.5	-34.5	26.5	33.5	37.5	39.5	37.5	33.5	27.5	26.5
	1919	-47.5	-45.5	-42.5	-36.5	27.5	34.5	38.5	40.5	38.5	34.5	28.5	27.5
	1920	-49.5	-47.5	-44.5	-38.5	28.5	35.5	39.5	41.5	39.5	35.5	29.5	28.5
	1921	-51.5	-49.5	-46.5	-40.5	29.5	36.5	40.5	42.5	40.5	36.5	30.5	29.5
	1922	-53.5	-51.5	-48.5	-42.5	30.5	37.5	41.5	43.5	41.5	37.5	31.5	30.5
	1923	-55.5	-53.5	-50.5	-44.5	31.5	38.5	42.5	44.5	42.5	38.5	32.5	31.5
	1924	-57.5	-55.5	-52.5	-46.5	32.5	39.5	43.5	45.5	43.5	39.5	33.5	32.5
	1925	-59.5	-57.5	-54.5	-48.5	33.5	40.5	44.5	46.5	44.5	40.5	34.5	33.5
	1926	-61.5	-59.5	-56.5	-50.5	34.5	41.5	45.5	47.5	45.5	41.5	35.5	34.5
	1927	-63.5	-61.5	-58.5	-52.5	35.5	42.5	46.5	48.5	46.5	42.5	36.5	35.5
	1928	-65.5	-63.5	-60.5	-54.5	36.5	43.5	47.5	49.5	47.5	43.5	37.5	36.5
	1929	-67.5	-65.5	-62.5	-56.5	37.5	44.5	48.5	50.5	48.5	44.5	38.5	37.5
	1930	-69.5	-67.5	-64.5	-58.5	38.5	45.5	49.5	51.5	49.5	45.5	39.5	38.5
	1931	-71.5	-69.5	-66.5	-60.5	39.5	46.5	50.5	52.5	50.5	46.5	40.5	39.5
	1932	-73.5	-71.5	-68.5	-62.5	40.5	47.5	51.5	53.5	51.5	47.5	41.5	40.5
	1933	-75.5	-73.5	-70.5	-64.5	41.5	48.5	52.5	54.5	52.5	48.5	42.5	41.5
	1934	-77.5	-75.5	-72.5	-66.5	42.5	49.5	53.5	55.5	53.5	49.5	43.5	42.5
	1935	-79.5	-77.5	-74.5	-68.5	43.5	50.5	54.5	56.5	54.5	50.5	44.5	43.5
	1936	-81.5	-79.5	-76.5	-70.5	44.5	51.5	55.5	57.5	55.5	51.5	45.5	44.5
	1937	-83.5	-81.5	-78.5	-72.5	45.5	52.5	56.5	58.5	56.5	52.5	46.5	45.5
	1938	-85.5	-83.5	-80.5	-74.5	46.5	53.5	57.5	59.5	57.5	53.5	47.5	46.5
	1939	-87.5	-85.5	-82.5	-76.5	47.5	54.5	58.5	60.5	58.5	54.5	48.5	47.5
	1940	-89.5	-87.5	-84.5	-78.5	48.5	55.5	59.5	61.5	59.5	55.5	49.5	48.5
	1941	-91.5	-89.5	-86.5	-80.5	49.5	56.5	60.5	62.5	60.5	56.5	50.5	49.5
	1942	-93.5	-91.5	-88.5	-82.5	50.5	57.5	61.5	63.5	61.5	57.5	51.5	50.5

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

RESTRICTED

Liao-yuan

Low limit of atmospheric temperature

Vapor pressure

Average humidity

Minimum degree of humidity

Month	1	2	3	4	5	6	7	8	9	10	11	12	Yearly
Low limit of atmospheric temperature	-11.0	-10.0	-9.0	-8.0	-7.0	-6.0	-5.0	-4.0	-3.0	-2.0	-1.0	0.0	-5.5
Vapor pressure	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.5
Average humidity	74	73	72	71	70	69	68	67	66	65	64	63	68
Minimum degree of humidity	50	50	50	50	50	50	50	50	50	50	50	50	50

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

107 RESTRICTED

RESTRICTED

STAT

Liao-yuan

	年	一	二	三	四	五	六	七	八	九	十	十一	十二	全年	
Average cloud density	平均云量	1.4	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	1.8
	1931	1.2	1.0	1.1	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	1.7
	1932	1.3	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	1.8
	1933	1.4	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	1.9
	1934	1.5	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.0
	1935	1.6	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.1
	1936	1.7	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.2
	1937	1.8	1.6	1.7	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.3
	1938	1.9	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.4
	1939	2.0	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	2.5
	1940	2.1	1.9	2.0	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	2.6
	1941	2.2	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	2.7
	1942	2.3	2.1	2.2	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	2.8
Average wind velocity	平均风速	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	2.8
	1931	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	2.7
	1932	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	2.8
	1933	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	2.9
	1934	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	3.0
	1935	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	3.1
	1936	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	3.2
	1937	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	3.3
	1938	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	3.4
	1939	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	3.5
	1940	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	3.6
	1941	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	3.7
	1942	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	3.8
Maximum wind velocity	最大风速	7.7	10.0	11.9	13.7	15.5	17.3	19.1	20.9	22.7	24.5	26.3	28.1	29.9	18.0
	1931	7.5	9.8	11.7	13.5	15.3	17.1	18.9	20.7	22.5	24.3	26.1	27.9	29.7	17.8
	1932	7.6	9.9	11.8	13.6	15.4	17.2	19.0	20.8	22.6	24.4	26.2	28.0	29.8	17.9
	1933	7.7	10.0	11.9	13.7	15.5	17.3	19.1	20.9	22.7	24.5	26.3	28.1	29.9	18.0
	1934	7.8	10.1	12.0	13.8	15.6	17.4	19.2	21.0	22.8	24.6	26.4	28.2	30.0	18.1
	1935	7.9	10.2	12.1	13.9	15.7	17.5	19.3	21.1	22.9	24.7	26.5	28.3	30.1	18.2
	1936	8.0	10.3	12.2	14.0	15.8	17.6	19.4	21.2	23.0	24.8	26.6	28.4	30.2	18.3
	1937	8.1	10.4	12.3	14.1	15.9	17.7	19.5	21.3	23.1	24.9	26.7	28.5	30.3	18.4
	1938	8.2	10.5	12.4	14.2	16.0	17.8	19.6	21.4	23.2	25.0	26.8	28.6	30.4	18.5
	1939	8.3	10.6	12.5	14.3	16.1	17.9	19.7	21.5	23.3	25.1	26.9	28.7	30.5	18.6
	1940	8.4	10.7	12.6	14.4	16.2	18.0	19.8	21.6	23.4	25.2	27.0	28.8	30.6	18.7
	1941	8.5	10.8	12.7	14.5	16.3	18.1	19.9	21.7	23.5	25.3	27.1	28.9	30.7	18.8
	1942	8.6	10.9	12.8	14.6	16.4	18.2	20.0	21.8	23.6	25.4	27.2	29.0	30.8	18.9
Rainfall	降雨量	40	45	50	55	60	65	70	75	80	85	90	95	100	60
	1931	38	43	48	53	58	63	68	73	78	83	88	93	98	58
	1932	39	44	49	54	59	64	69	74	79	84	89	94	99	59
	1933	40	45	50	55	60	65	70	75	80	85	90	95	100	60
	1934	41	46	51	56	61	66	71	76	81	86	91	96	101	61
	1935	42	47	52	57	62	67	72	77	82	87	92	97	102	62
	1936	43	48	53	58	63	68	73	78	83	88	93	98	103	63
	1937	44	49	54	59	64	69	74	79	84	89	94	99	104	64
	1938	45	50	55	60	65	70	75	80	85	90	95	100	105	65
	1939	46	51	56	61	66	71	76	81	86	91	96	101	106	66
	1940	47	52	57	62	67	72	77	82	87	92	97	102	107	67
	1941	48	53	58	63	68	73	78	83	88	93	98	103	108	68
	1942	49	54	59	64	69	74	79	84	89	94	99	104	109	69
Maximum rainfall per day	最大日降雨量	10	12	14	16	18	20	22	24	26	28	30	32	34	20
	1931	9	11	13	15	17	19	21	23	25	27	29	31	33	19
	1932	10	12	14	16	18	20	22	24	26	28	30	32	34	20
	1933	11	13	15	17	19	21	23	25	27	29	31	33	35	21
	1934	12	14	16	18	20	22	24	26	28	30	32	34	36	22
	1935	13	15	17	19	21	23	25	27	29	31	33	35	37	23
	1936	14	16	18	20	22	24	26	28	30	32	34	36	38	24
	1937	15	17	19	21	23	25	27	29	31	33	35	37	39	25
	1938	16	18	20	22	24	26	28	30	32	34	36	38	40	26
	1939	17	19	21	23	25	27	29	31	33	35	37	39	41	27
	1940	18	20	22	24	26	28	30	32	34	36	38	40	42	28
	1941	19	21	23	25	27	29	31	33	35	37	39	41	43	29
	1942	20	22	24	26	28	30	32	34	36	38	40	42	44	30

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

148 RESTRICTED

STAT

RESTRICTED

Liao-yuan

Maximum rain-fall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Year	1	2	3	4	5	6	7	8	9	10	11	12	Annual Total
1921	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1922	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1924	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1926	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1927	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1929	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1932	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1937	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1940	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

149 **RESTRICTED**

STAT

STAT

RESTRICTED

Liao-yuan

Maximum evaporative capacity per day
Average minimum earth temp.

Minimum earth temp.

Average ground level temp.

Underground temp.

Underground temp.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
Maximum evaporative capacity per day	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0			
Average minimum earth temp.	-12.5	-13.2	-14.0	-14.8	-15.5	-16.2	-16.8	-17.5	-18.0	-18.5	-19.0	-19.5	-20.0	-20.5	-21.0	-21.5	-22.0	-22.5	-23.0	-23.5	-24.0	-24.5	-25.0	-25.5	-26.0	-26.5	-27.0	-27.5	-28.0	-28.5	-29.0	-29.5	-30.0		
Minimum earth temp.	-15.0	-16.0	-17.0	-18.0	-19.0	-20.0	-21.0	-22.0	-23.0	-24.0	-25.0	-26.0	-27.0	-28.0	-29.0	-30.0	-31.0	-32.0	-33.0	-34.0	-35.0	-36.0	-37.0	-38.0	-39.0	-40.0	-41.0	-42.0	-43.0	-44.0	-45.0	-46.0	-47.0	-48.0	
Average ground level temp.	-10.0	-10.5	-11.0	-11.5	-12.0	-12.5	-13.0	-13.5	-14.0	-14.5	-15.0	-15.5	-16.0	-16.5	-17.0	-17.5	-18.0	-18.5	-19.0	-19.5	-20.0	-20.5	-21.0	-21.5	-22.0	-22.5	-23.0	-23.5	-24.0	-24.5	-25.0	-25.5	-26.0	-26.5	-27.0
Underground temp.	-11.0	-11.5	-12.0	-12.5	-13.0	-13.5	-14.0	-14.5	-15.0	-15.5	-16.0	-16.5	-17.0	-17.5	-18.0	-18.5	-19.0	-19.5	-20.0	-20.5	-21.0	-21.5	-22.0	-22.5	-23.0	-23.5	-24.0	-24.5	-25.0	-25.5	-26.0	-26.5	-27.0	-27.5	-28.0
Underground temp.	-12.0	-12.5	-13.0	-13.5	-14.0	-14.5	-15.0	-15.5	-16.0	-16.5	-17.0	-17.5	-18.0	-18.5	-19.0	-19.5	-20.0	-20.5	-21.0	-21.5	-22.0	-22.5	-23.0	-23.5	-24.0	-24.5	-25.0	-25.5	-26.0	-26.5	-27.0	-27.5	-28.0	-28.5	-29.0

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

150 RESTRICTED

STAT

RESTRICTED

Liao-yuan

Underground
temperature

Underground
temperature

Underground
temperature

Underground
temperature

Underground
temperature

Number of rainy
days

Year	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
10m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
20m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
30m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
40m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
50m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
60m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
70m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
80m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
90m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
100m (m)	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
Number of rainy days	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

151 RESTRICTED

STAT

STAT

RESTRICTED

遼 遼 Liao-yuan 原

Number of rainy days

Number of clear days

Number of cloudy days

Number of foggy days

Number of days of hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1928	8	2	1	7	8	7	15	12	9	4	4	4	79	
29	5	1	1	3	10	7	12	8	4	4	7	4	67	
30	1	2	7	3	10	13	15	16	8	4	7	4	86	
31	4	1	2	7	12	17	11	8	14	3	3	4	86	
32	2	4	5	6	11	9	17	6	7	9	1	2	79	
33	3	4	3	4	9	14	12	15	5	8	3	3	83	
34	1	2	3	3	7	14	17	14	14	3	2	3	83	
35	3	2	2	3	4	16	10	12	5	9	5	2	73	
36	4	3	4	6	10	16	16	11	9	5	2	3	83	
快晴日數	1925	21	15	12	16	3	6	4	5	7	18	13	17	135
26	17	13	12	10	11	3	9	5	4	10	10	18	133	
27	19	20	14	11	5	8	3	9	13	11	14	20	147	
28	14	19	14	18	6	6	6	3	15	16	10	27	154	
29	18	10	13	10	7	6	2	7	12	13	19	14	131	
30	26	13	7	3	6	10	8	4	12	17	15	17	157	
31	15	19	18	9	8	8	12	8	9	17	18	22	163	
32	24	21	18	13	7	14	3	8	10	11	18	19	166	
33	27	18	18	14	8	4	9	6	14	14	13	16	161	
34	24	19	9	12	8	4	4	3	7	19	19	21	149	
35	23	18	15	12	5	3	5	11	20	14	16	26	168	
36	24	23	16	8	3	9	10	6	3	2	4	5	52	
曇天日數	1925	2	1	3	4	7	7	10	6	3	2	4	5	52
26	2	1	2	3	3	3	5	6	5	4	1	1	41	
27	1	1	3	3	5	4	12	1	4	4	2	1	40	
28	4	3	3	4	5	4	10	8	4	4	3	4	54	
29	4	3	3	5	4	3	8	6	7	1	7	7	37	
30	2	5	9	6	6	8	10	3	2	5	5	5	61	
31	1	2	3	6	5	4	7	6	1	1	1	1	38	
32	1	1	3	6	9	11	6	6	3	3	1	2	43	
33	1	1	1	3	7	9	6	6	8	3	1	1	39	
34	1	4	5	4	4	8	11	7	8	3	1	1	52	
35	1	3	2	5	7	10	2	2	5	2	1	1	40	
36	3	3	2	9	8	10	2	2	5	2	1	1	40	
霧日數	1925	1	1	2	1	1	1	1	1	2	1	1	9	
26	1	1	1	1	1	1	1	1	1	1	1	1	7	
27	1	1	1	1	1	1	1	1	1	1	1	1	5	
28	2	1	1	1	1	1	3	1	1	4	1	1	13	
29	1	1	1	4	1	1	1	1	1	1	1	1	13	
30	1	1	1	1	1	2	5	1	1	1	1	1	18	
31	1	1	1	3	1	1	1	1	1	1	1	1	6	
32	1	1	1	1	1	1	1	1	1	1	1	1	8	
33	1	1	1	1	1	1	1	1	1	1	1	1	10	
34	1	1	1	1	1	1	1	1	1	1	1	1	10	
35	1	1	1	1	1	1	1	1	1	1	1	1	8	
36	1	1	1	1	1	1	1	1	1	1	1	1	8	
雹日數	1915	1	1	1	1	1	1	1	1	1	1	1	3	
26	1	1	1	1	1	1	1	1	1	1	1	1	3	
27	1	1	1	1	1	1	1	1	1	1	1	1	3	
28	1	1	1	1	1	1	1	1	1	1	1	1	3	
29	1	1	1	1	1	1	1	1	1	1	1	1	3	
30	1	1	1	1	1	1	1	1	1	1	1	1	4	
31	1	1	1	1	1	1	1	1	1	1	1	1	4	
32	1	1	1	1	1	1	1	1	1	1	1	1	4	
33	1	1	1	1	1	1	1	1	1	1	1	1	4	

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

272

RESTRICTED

遼 遼 遼

STAT

Number of days of soft hail

Number of days without sunshine

Number of days of thunder showers

Number of stormy days

Maximum snow-fall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
霏日數 1925			1										1
26			1										1
27			1										1
28			1										1
29			1										1
30			1										1
31			1										1
32			1										1
33			1										1
34			1										1
35			1										1
36			1										1
不照日數 1925			4	3	2		6	1		2	2	4	26
26			4	3	2		6	1		2	2	4	26
27			3	1	1		1		1	2	1		14
28			6	2	3	2	1	2	4	3	4	2	27
29			4	4	2		1	2	3	1	4	5	21
30			1	1	1	2		1	4	1	3	2	21
31			3	1	2			1	5	1	2	1	15
32			3	1	3	4		4	2	1	1	1	18
33			3	1	3	4	1	4	2	1	1	1	18
34			2	2	3	4	4	8	2	2	3	1	28
35			1		3	4	4	3	1	1	4	5	19
36			1		3	4	5						19
雷雨日數 1925					3	6	6	5	5	1			26
26					3	7	4	4	5				20
27					1	10	10	3	1	3			29
28					1	5	6	9	2				25
29					4	3	4	2	3	1			17
30					4	4	5	6	2				21
31					2	3	10	3	2	7			27
32					1	7	4	1	1	2			15
33					2	6	5	7	2	1			21
34					1	10	5	8	3				28
35					1	10	5	6		3			24
36					2	7	7			3			24
暴風日數 1925		3	1	8	2					2		3	19
26		2	3	5	2	3							15
27		2	1	1									5
28		2	4	5	5		1	2	1	2			22
29		1	3	3	3	2				1			16
30				2	7	13	1						24
31		2	1	6	11	6				2			21
32		3	3	7	9	2				2			28
33		1	3	11	9	2				1			27
34			1	5	5	2				2			18
35			1	4	10	7	1			1			25
36			1	3	4	6	1						21
最大降雪量 1925		0.3	0.2							0.3			0.3
26	4.2	21.0	10.0										7.3
27	3.2		6.8										1.8
28	1.8	0.4	1.5							1.7	0.0		3.0
29	4.0	7.2	1.7										14
30	0.8			0.3									0.1
31	4.8	0.5	5.5										0.8
32	2.7	7.0	3.8										7.0
33		18.5	2.4										15
34	2.8		3.0										3.0
35	0.6	0.5											0.7
36													

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

RESTRICTED

272

RESTRICTED

遼 Liao-yuan 原

Number of days of soft hail

Number of days without sunshine

Number of days of thunder showers

Number of stormy days

Maximum snow-fall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
晴日数 1925	1	...	...	...	...	...	...	1	...	...	1
26	1	...	...	...	...	...	...	1	...	...	2
27	1	...	...	...	...	...	...	1	...	...	2
28	1	...	...	...	...	...	...	1	...	...	2
29	1	1	...	...	...	...	...	1	...	...	3
30	1	1	...	...	...	...	...	1	...	...	3
31	1	1	...	...	...	...	...	1	...	...	3
32	1	1	...	...	...	...	...	1	...	...	3
33	1	1	...	...	...	...	...	1	...	...	3
34	1	1	...	...	...	...	...	1	...	...	3
35	1	1	...	...	...	...	...	1	...	...	3
36	1	2	...	...	...	...	...	1	...	...	3
不照日数 1925	4	3	2	...	6	3	...	2	2	4	26
26	4	3	2	...	6	3	...	2	2	4	26
27	4	3	2	...	6	3	...	2	2	4	26
28	4	3	2	...	6	3	...	2	2	4	26
29	4	3	2	...	6	3	...	2	2	4	26
30	4	3	2	...	6	3	...	2	2	4	26
31	4	3	2	...	6	3	...	2	2	4	26
32	4	3	2	...	6	3	...	2	2	4	26
33	4	3	2	...	6	3	...	2	2	4	26
34	4	3	2	...	6	3	...	2	2	4	26
35	4	3	2	...	6	3	...	2	2	4	26
36	4	3	2	...	6	3	...	2	2	4	26
雷雨日数 1925	3	6	6	5	5	1	...	...	26
26	3	6	6	5	5	1	...	...	26
27	3	6	6	5	5	1	...	...	26
28	3	6	6	5	5	1	...	...	26
29	3	6	6	5	5	1	...	...	26
30	3	6	6	5	5	1	...	...	26
31	3	6	6	5	5	1	...	...	26
32	3	6	6	5	5	1	...	...	26
33	3	6	6	5	5	1	...	...	26
34	3	6	6	5	5	1	...	...	26
35	3	6	6	5	5	1	...	...	26
36	3	6	6	5	5	1	...	...	26
暴風日数 1925	...	3	1	8	2	...	...	...	...	2	...	3	19
26	...	3	1	8	2	...	...	...	...	2	...	3	19
27	...	3	1	8	2	...	...	...	...	2	...	3	19
28	...	3	1	8	2	...	...	...	...	2	...	3	19
29	...	3	1	8	2	...	...	...	...	2	...	3	19
30	...	3	1	8	2	...	...	...	...	2	...	3	19
31	...	3	1	8	2	...	...	...	...	2	...	3	19
32	...	3	1	8	2	...	...	...	...	2	...	3	19
33	...	3	1	8	2	...	...	...	...	2	...	3	19
34	...	3	1	8	2	...	...	...	...	2	...	3	19
35	...	3	1	8	2	...	...	...	...	2	...	3	19
36	...	3	1	8	2	...	...	...	...	2	...	3	19
最大降雪量 1925	...	0.3	0.3	...	...	...	...	...	...	0.3	...	...	0.3
26	...	4.1	11.0	10.0	...	...	...	...	...	7.1	...	...	11.0
27	...	3.8	...	8.8	...	...	...	...	...	...	...	...	8.8
28	...	5.8	2.4	1.5	...	...	...	...	...	5.7	...	...	5.8
29	...	4.0	7.2	1.7	...	...	...	...	...	...	...	...	4.0
30	...	0.1	...	...	0.3	...	...	...	...	...	...	...	0.1
31	...	2.8	0.5	5.5	...	...	...	...	...	...	...	...	2.8
32	...	2.7	7.0	3.8	...	...	...	...	...	...	...	...	2.7
33	18.5	8.4	...	...	...	...	...	...	...	...	18.5
34	...	2.8	...	3.0	...	...	...	...	...	...	...	...	2.8
35	...	0.5	...	...	...	...	...	...	...	...	...	...	0.5
36	...	0.5	2.8	4.0	...	...	...	...	...	...	...	...	0.5

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

279

林 Lin-hsi 西

Average barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Average barometric pressure at sea level

Average atmospheric temperature

Average highest atmospheric temp.

Average lowest atmospheric temp.

High limit of atmospheric temp.

Low limit of atmospheric temp.

Upper pressure

Average humidity

Minimum degree of humidity

Average cloud density

Average wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1938	694.9	691.4	693.8	699.0	697.5	686.7	687.1	690.5	693.3	692.0	697.1	696.4	693.3
平 均	694.9	691.4	693.8	699.0	697.5	686.7	687.1	690.5	693.3	692.0	697.1	696.4	693.3
水銀氣壓 1938	700.3	702.3	699.1	699.4	695.3	693.8	695.0	695.3	700.7	705.0	706.4	705.8	706.4
高 限	700.3	702.3	699.1	699.4	695.3	693.8	695.0	695.3	700.7	705.0	706.4	705.8	706.4
水銀氣壓 1938	683.0	678.7	683.9	680.2	678.1	680.5	678.8	684.1	683.4	685.1	686.0	690.3	678.1
低 限	683.0	678.7	683.9	680.2	678.1	680.5	678.8	684.1	683.4	685.1	686.0	690.3	678.1
海平面 1938	760.7	764.7	762.6	757.9	753.6	751.0	751.0	755.6	760.2	763.1	768.5	770.9	760.7
平 均	771.5	771.9	764.8	761.5	754.8	750.4	752.5	756.4	760.0	765.1	768.8	774.4	762.7
平均氣溫 1938	-10.3	-10.7	-1.4	8.8	11.0	10.6	22.1	19.8	13.5	7.6	-4.1	-14.7	4.6
39	-15.1	-10.9	-4.0	8.0	13.5	17.9	21.7	20.5	13.3	4.9	-6.1	-9.0	4.7
40	-18.8	-11.8	-1.8	6.3	11.1	18.1	21.4	17.4	15.0	0.8	-5.4	-11.5	...
最高氣溫 1938	-10.4	-3.6	4.5	15.4	17.0	25.1	28.2	21.6	10.3	14.3	2.7	-8.9	11.0
39	-8.0	-3.9	9.9	14.8	20.7	24.0	25.8	20.0	10.1	14.4	2.1	-8.5	11.8
40	-12.5	-4.8	6.0	13.0	17.0	24.5	27.7	21.8	12.5	15.0	0.0	-6.0	...
最低氣溫 1938	-22.6	-17.8	-8.0	1.8	5.8	13.0	16.5	14.7	5.3	0.4	-10.0	-20.1	-1.8
39	-21.1	-18.6	-12.0	0.7	5.7	12.8	18.3	15.5	8.0	-1.0	-10.0	-14.8	-1.4
40	-24.6	-18.6	-8.6	-1.1	...	12.1	15.9	12.3	7.7	-1.2	-10.5	-18.5	...
風速高限 1938	-0.8	13.1	18.9	26.0	32.3	32.6	35.1	38.0	29.3	22.4	14.8	1.8	38.0
39	1.6	6.7	14.6	21.4	28.9	31.4	33.5	34.4	23.4	24.6	19.7	5.4	34.4
風速下限 1938	-10.0	-28.5	-23.5	-4.3	-0.4	6.0	12.1	4.9	-1.6	-7.0	18.0	-15.0	-10.0
39	-28.6	-24.8	-18.4	-11.5	-8.2	5.8	13.7	8.2	3.5	-10.2	17.3	-20.7	-28.6
冰點壓力 1938	0.6	1.1	2.2	3.8	5.0	8.5	12.7	12.5	6.5	4.3	1.7	0.9	4.9
39	0.9	1.1	1.6	3.6	5.4	9.7	16.9	14.1	7.3	3.7	1.8	1.2	5.8
平均濕度 1938	59	52	52	35	48	53	68	74	61	54	51	61	5.6
39	85	56	49	44	47	64	88	79	64	56	50	50	5.9
40	62	53	43	40	...	59	68	77	63	50	66	52	...
最小濕度 1938	21	13	12	15	16	18	27	27	23	15	16	18	12
39	18	17	18	18	20	24	30	28	25	21	15	20	15
平均雲量 1938	2.5	1.9	3.5	4.6	6.5	5.9	5.5	5.5	3.0	2.5	3.0	4.2	4.2
39	3.0	2.1	4.4	4.9	6.9	7.4	8.2	5.5	4.9	3.9	3.3	1.7	4.7
平均風速 1938	4.4	3.4	2.9	4.6	3.6	2.7	1.9	1.5	2.3	2.8	3.5	3.1	3.1
39	2.9	2.5	2.9	3.7	3.1	4.0	2.2	2.0	3.8	2.8	3.8	4.9	3.8
最大風速 1938	13.3	13.7	12.9	14.2	13.3	10.7	7.8	8.2	11.4	14.7	16.1	12.8	16.1
39	12.9	9.9	13.6	13.0	13.0	13.8	9.7	8.0	12.0	12.0	14.4	24.5	24.5
降水量 1938	0.8	1.2	14.3	6.7	12.3	12.3	21.4	69.9	24.0	14.4	0.2	22.7	22.7
39	0.6	0.8	2.2	3.1	12.3	12.3	21.4	24.4	26.1	14.9	3.8	2.0	24.5
40	7.9	0.2	0.5	0.2	...	72.6	42.4	102.1	19.3	4.3	32.1	3.0	...
最大降水 1938	0.8	1.2	4.3	6.6	24.3	10.7	12.8	25.5	8.2	6.0	0.2	1.0	25.5
日照時數 1938	0.4	-1.5	2.0	2.0	22.0	15.4	64.3	72.2	17.8	9.7	30.4	...	...
39	212.5	242.7	275.9	292.3	274.6	241.7	161.5	242.8	...	243.2	231.4	220.9	220.9
40	218.4	228.4	262.7	282.8	...	242.1	229.8	194.5	247.4	242.2	202.4	177.3	...

STAT

Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

274

林 Lin-hsi 西

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Average minimum earth temperature

Average ground level temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照率 1938	76	84	71	66	48	60	81	52	61	74	85	72	65
39	80	83	76	72	60	53	35	37	66	71	80	80	67
蒸发量 1938	31.3	44.0	108.6	252.2	252.6	306.6	242.7	191.8	164.7	142.3	85.4	41.1	1869.2
39	44.0	61.7	111.7	224.8	224.1	257.7	224.6	170.8	124.0	100.2	52.3	7.6	1827.5
40	33.0	69.7	163.5	284.9	...	269.7	270.9	179.4	193.9	174.4	58.1	56.6	...
蒸发最大量 1938	1.9	3.6	9.8	13.6	14.5	15.6	14.7	13.6	13.8	8.5	6.7	2.4	15.6
39	2.8	3.7	5.6	15.3	17.0	12.7	10.6	9.7	12.3	8.1	5.4	3.4	17.0
最低地温 1938	-25.9	-20.3	-10.6	-0.1	3.2	10.1	15.0	14.0	3.6	-1.6	-12.4	-22.5	-4.0
39	-23.7	-21.2	-13.3	-1.4	4.4	10.6	16.5	13.2	4.6	-5.3	-14.7	-19.2	-5.8
40	-28.9	-22.7	-13.3	-5.0	...	12.1	13.9	11.0	4.6	-4.7	-12.1	-19.2	...
平均地温 1938	-16.2	-10.5	-1.6	9.3	13.0	21.1	23.0	20.9	13.3	7.4	-3.4	-13.3	5.3
39	-14.1	-10.2	-2.9	8.4	14.7	18.6	22.1	21.1	14.1	5.3	-1.4	-8.9	5.0
40	-15.9	-11.6	-9.9	7.2	...	19.3	22.6	18.4	16.2	7.5	-3.5	-9.6	...
地中温度 1938	-15.0	-10.1	-1.5	8.9	12.6	19.8	22.2	21.1	13.9	8.1	-2.4	-11.9	5.5
(0.1m) 39	-13.4	-0.4	-2.1	8.8	15.1	18.9	22.1	21.7	15.1	8.1	-1.9	-9.9	6.1
40	-13.7	-10.1	-0.3	7.7	...	19.6	23.1	19.0	16.9	8.8	-2.5	-8.7	...
地中温度 1938	-14.1	-10.0	-1.9	8.1	12.2	19.2	21.8	21.1	14.5	8.8	-1.3	-10.5	5.7
(0.2m) 39	-12.6	-6.1	-2.3	7.9	14.3	18.2	21.6	21.5	15.6	7.9	-0.4	-7.1	6.3
40	-12.3	-9.6	-1.1	6.8	...	18.6	22.5	19.0	17.1	9.6	-0.9	-7.4	...
地中温度 1938	-13.0	-9.5	-2.1	7.6	11.8	18.6	21.2	21.0	14.8	8.4	-0.6	-9.6	5.8
(0.3m) 39	-12.0	-8.8	-2.4	7.2	13.9	18.0	21.1	21.1	15.6	8.5	0.5	-8.3	6.4
40	-11.3	-9.0	-1.3	6.1	...	17.9	21.7	18.6	17.0	9.9	-0.1	-6.6	...
地中温度 1938	-12.7	-8.6	-1.9	6.9	11.4	17.8	20.8	20.9	15.4	10.5	2.3	-5.5	6.5
(0.5m) 39	-8.8	-6.9	-2.1	5.1	12.0	16.1	18.8	20.3	15.9	10.0	3.0	-3.2	6.8
40	-7.1	-7.0	-1.4	4.8	...	16.0	19.9	18.7	16.7	11.1	2.9	-3.5	...
地中温度 1938	-7.0	-5.5	-2.0	4.2	8.7	13.0	17.2	18.2	15.6	11.9	6.3	0.4	6.8
(1.0m) 39	-3.3	-3.6	-1.3	2.6	9.0	12.9	17.4	18.6	16.0	11.8	6.2	1.3	7.3
40	-1.4	-3.1	-1.0	2.6	...	12.7	16.6	16.6	15.8	12.6	7.0	1.7	...
地中温度 1938	0.6	-0.4	0.0	2.7	6.4	10.0	13.3	15.1	14.5	12.3	0.1	4.0	7.4
(2.0m) 36	1.9	0.6	0.7	2.1	6.4	9.7	13.5	15.4	15.1	13.0	9.3	5.7	7.8
40	3.3	1.5	1.1	2.3	...	9.3	12.5	14.1	14.2	13.0	9.7	5.8	...
地中温度 1938	3.9	2.8	2.2	3.0	5.2	7.4	10.0	12.0	12.6	11.8	10.1	7.4	7.4
(3.0m) 32	5.0	3.4	2.8	3.0	5.4	7.5	10.1	12.8	12.7	12.5	10.5	7.6	7.9
40	5.4	3.7	2.8	3.0	...	7.5	10.1	12.0	12.7	12.4	10.8	7.7	...
地中温度 1938	5.8	4.6	3.7	3.6	4.8	6.3	8.3	10.1	11.1	11.1	10.2	8.5	7.3
(4.0m) 39	6.6	5.1	4.2	4.0	4.8	6.4	8.4	10.8	12.3	12.1	10.7	8.7	7.8
40	6.7	5.2	4.2	3.8	...	6.7	8.6	10.4	11.4	11.6	10.7	8.7	...
地中温度 1938	7.4	6.1	5.2	4.7	5.0	6.1	7.8	9.0	10.1	10.1	10.0	8.9	...
(1.0m) 39	7.6	6.3	5.3	4.7	...	6.3	7.7	9.3	10.3	10.2	10.5	9.2	...
40	7.6	6.3	5.3	4.7	...	6.3	7.7	9.3	10.3	10.2	10.5	9.2	...

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED

272

STAT

林 Lin-hsi 西

No. of rainy days

No. of clear days

No. of cloudy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

No. of days of electrical storms

No. of stormy days

Most frequent wind direction

No. of earthquakes

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
降水日数 1938	1	1	7	2	8	13	17	14	10	7	1	4	86
39	3	2	2	3	8	19	23	14	6	4	3	4	107
40	4	1	1	1	16	13	15	5	2	5	4	4	107
快晴日数 1938	15	18	15	7	1	2	5	2	3	17	16	14	115
39	13	16	7	7	1	2	5	2	8	12	13	20	103
40	18	18	15	6	1	1	3	3	8	14	15	11	115
曇天日数 1938	1	1	5	5	11	8	7	11	5	4	1	2	60
39	2	2	4	4	14	15	22	8	6	8	1	2	85
40	4	1	2	5	19	6	15	5	2	4	4	4	85
雹日数 1938	1	1	1	1	1	1	1	1	1	1	1	1	5
39	1	1	1	1	1	1	1	1	1	1	1	1	4
40	1	1	1	1	1	1	1	1	1	1	1	1	4
日照日数 1938	1	1	3	2	2	4	3	1	2	1	3	2	21
39	1	1	1	1	1	9	4	2	2	2	1	1	19
40	1	1	1	1	1	1	5	1	1	3	2	1	19
雷电日数 1938	1	1	1	1	3	8	9	5	2	1	1	1	28
39	1	1	1	1	4	12	2	6	1	1	1	1	25
40	1	1	1	1	5	13	6	2	1	1	1	1	25
暴風日数 1938	7	3	1	11	4	1	1	2	1	5	2	2	37
39	2	1	4	3	7	1	1	3	1	3	10	7	34
40	10	9	9	14	4	4	7	3	5	7	7	7	107
最多风向 1938	SW	SW	NW	NW	NW	SW	W	W	NW	SW	SW	SW	SW
地震回数 1938	1	1	1	1	1	1	1	1	1	1	1	1	1
最高降雪 1939	1	2	1	3	1	1	1	1	1	3	4	1	14

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

276

Ch'ien-chia-tien
 錢 家 店

STAT

Average atmospheric temperature
 Average highest atmospheric temperature
 Average lowest atmospheric temperature
 Range of variation of atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Average ground level temperature
 Underground temperature
 " " " " " "
 Rainfall
 Maximum rainfall per day
 Evaporative capacity
 No. of rainy days
 No. of snowy days
 No. of days of soft hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	
平均氣溫	1937	-14.4	-10.5	-6.7	5.6	14.6	21.1	24.5	23.1	15.1	7.8	-3.8	-15.5
38	-10.4	-11.3	-0.2	11.1	13.4	20.7	23.7	21.7	14.1	8.7	-3.8	-14.4	
39	-17.1	-11.0	-2.2	8.4	15.1	19.7	25.0	23.6	14.6	6.5	-3.6	-8.3	
最高氣溫	1937	-2.4	-6.3	-1.0	10.8	20.3	24.4	29.5	26.8	21.8	12.9	3.1	-11.5
38	-8.3	-2.2	0.8	18.1	21.0	27.9	29.8	28.0	21.2	16.0	3.7	-7.5	
39	-9.5	-2.2	6.0	17.9	21.3	26.3	30.3	29.9	21.6	14.9	3.8	-1.0	
最低氣溫	1937	-21.6	-18.0	-13.6	-0.9	7.3	14.8	18.5	17.9	8.8	0.5	-10.5	-21.8
38	-28.4	-20.2	-9.4	-2.5	4.4	10.0	16.6	16.7	6.5	-0.9	-12.4	-24.1	
39	-23.5	-19.4	-6.8	0.6	7.7	14.3	21.0	19.0	9.0	-0.3	-10.7	-16.5	
氣溫變幅	1937	15.1	15.8	14.5	14.7	15.9	13.6	13.7	11.5	14.1	15.8	14.5	
38	16.7	13.7	15.8	15.9	14.7	12.9	11.0	9.1	11.2	14.6	14.2	14.0	
39	14.0	17.2	15.9	17.3	15.5	12.0	9.3	10.9	12.6	15.2	14.7	15.5	
最高氣溫	1937	3.4	10.4	11.9	24.4	24.7	26.1	28.8	25.8	25.6	21.2	2.9	
38	-1.0	4.3	10.0	20.4	25.5	30.2	32.0	31.0	25.0	20.5	14.9	2.9	
39	0.5	5.4	17.9	28.3	29.8	33.3	36.4	37.2	27.1	25.5	18.6	9.6	
最低氣溫	1937	-26.6	-27.5	-20.3	-9.8	-1.2	3.6	13.8	6.1	1.1	-7.5	-20.5	
38	-29.3	-27.0	-20.0	-8.4	0.9	6.1	16.0	9.9	3.5	-6.6	-17.0	-27.9	
39	-30.4	-28.8	-18.0	-10.7	-2.0	0.8	16.7	10.5	2.0	-8.6	-18.4	-31.8	
平均地面溫度	1937	-12.7	-7.9	-2.5	7.9	17.6	23.8	27.5	26.8	17.3	9.4	-2.4	
38	-14.7	-8.2	2.2	10.4	15.0	23.3	26.8	24.3	16.8	9.0	-2.7		
39	-14.7	-8.7	0.7	11.1	17.9	22.1	26.4	25.9	16.6	7.6	-2.8		
地下溫度	1937	-7.9	-6.5	-2.4	2.4	10.3	17.6	23.0	24.1	17.4	10.2	2.4	
38	-10.6	-7.7	-1.1	5.5	10.5	18.5	22.9	22.6	16.3	9.9	1.9		
39	-10.1	-7.4	-1.0	4.7	11.2	17.6	22.9	23.9	17.0	10.1	1.9		
地下溫度	1937	3.7	2.4	1.8	1.5	1.3	4.1	8.9	12.3	13.1	11.8	9.5	
38	3.7	2.4	1.8	1.5	1.3	4.1	8.9	12.3	13.1	11.8	9.5		
39	3.7	2.4	1.8	1.5	1.3	4.1	8.9	12.3	13.1	11.8	9.5		
降水量	1937	0.0	0.4	8.6	49.7	0.0	40.3	62.3	86.0	69.1	14.3	1.0	
38	0.7	3.4	14.8	21.5	45.7	65.1	101.1	168.5	58.6	40.1	0.3		
39	2.8	0.0	0.9	1.8	27.1	79.2	123.1	85.4	23.0	16.1	12.1		
最大日降水量	1937	0.0	0.4	5.0	28.0	0.0	21.8	24.7	35.1	48.0	6.0	0.8	
38	0.4	2.3	11.4	20.7	18.0	23.0	22.3	104.6	17.3	21.1	0.8		
39	1.4	0.0	0.9	0.7	10.9	15.6	36.7	19.0	8.7	13.5	12.1		
蒸發量	1937	26.8	20.1	100.2	295.0	472.3	527.2	522.7	142.0	158.0	108.3	53.1	
38	31.9	26.4	155.4	322.8	312.2	261.5	168.1	151.8	124.6	77.8	62.2		
39	28.0	29.5	160.4	304.2	476.4	317.9	229.0	183.0	164.2	199.7	114.9		
降水日數	1937	...	1	4	3	...	10	6	7	7	5	8	
38	3	2	2	2	10	8	16	15	10	9	3	3	
39	3	...	1	3	7	15	14	10	8	3	...	8	
雪日數	1937	1	5	4	1	...	...	...	...	...	8	3
38	1	5	3	1	...	...	...	...	...	3	4	18
39	5	3	8	...	1	...	...	...	...	3	1	12
霪日數	1937	...	...	1	...	...	...	...	...	...	...	1
38	...	...	...	...	...	...	...	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	...	...	...

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED

Ch'ien-chia-tien
錢 家 店

277

No. of days of hail
No. of days of electrical storms
No. of clear days
No. of cloudy days
No. of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
霰日數 1937	...	...	...	...	1	...	...	...	...	...	...	...	2
39	...	...	...	...	...	1	...	...	...	...	...	...	1
電雷日數 1937	...	...	...	...	...	4	2	...	...	...	...	...	6
38	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	...	...	...	1	4	4	1	3	2	...	...	15
10	...	...	...	...	...	...	...	...	...	...	...	...	10
快晴日數 1937	21	16	16	11	6	6	10	8	16	20	18	19	167
38	21	20	18	13	4	9	9	6	9	19	17	19	164
39	24	17	11	9	10	2	6	10	13	15	19	21	157
10	...	...	...	...	...	...	...	...	...	...	...	...	...
晴天日數 1937	1	1	2	5	3	6	3	6	2	1	1	2	33
38	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	1	4	2	6	6	6	9	5	5	1	1	45
10	...	...	...	...	...	...	...	...	...	...	...	...	...
暴風日數 1937	3	4	3	14	12	8	3	2	1	10	5	2	67
38	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	1	3	10	9	7	7	...	...	...	...	...	48
10	...	...	...	...	...	...	...	...	...	...	...	...	...

STAT

Ch'ang-ch'un

新 京

Barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
冰點氣壓 (+700mm) 1909	49.5	43.8	44.7	39.3	37.0	34.8	33.8	36.6	39.9	44.4	43.5	47.9	41.4
10	47.4	45.5	43.4	40.5	37.7	34.5	33.0	35.0	41.5	46.0	46.0	48.5	41.5
11	48.2	49.4	48.1	40.0	38.4	34.6	34.3	37.8	40.9	44.2	45.8	49.3	43.3
12	49.9	44.5	43.8	38.3	36.3	34.0	34.8	37.5	41.7	44.9	47.2	51.0	43.0
13	49.9	48.4	43.3	40.1	38.4	33.6	35.4	38.1	39.6	43.7	47.3	47.4	41.8
14	48.4	48.3	43.1	40.6	38.9	33.2	33.4	36.3	40.9	44.3	46.2	46.4	41.3
15	48.8	44.6	43.8	40.0	38.7	33.4	33.5	34.1	39.4	44.3	47.8	45.0	40.9
16	48.8	46.7	43.4	40.5	38.5	33.7	34.7	36.6	41.8	45.3	48.5	48.5	42.1
17	48.4	46.7	43.1	38.6	36.0	33.8	34.4	36.0	41.5	45.8	47.1	46.1	41.5
18	48.6	47.5	44.9	40.4	38.0	33.0	33.6	38.1	38.4	43.7	49.0	48.6	41.8
19	50.0	45.8	43.7	37.8	37.1	33.3	37.0	36.8	41.6	41.7	45.0	48.3	41.4
20	47.2	43.5	40.5	36.9	37.7	33.6	36.0	36.6	40.6	44.5	48.1	48.7	40.4
21	48.0	45.8	43.4	40.0	38.7	33.6	35.9	38.3	42.1	45.9	48.3	47.7	41.9
22	51.8	45.7	43.9	40.3	38.6	34.6	33.9	36.6	40.7	41.8	46.6	48.8	41.3
23	49.4	48.6	43.9	40.5	38.2	33.9	33.3	35.7	40.3	41.8	44.0	48.5	40.9
24	47.4	44.7	43.1	38.4	36.4	33.4	35.3	38.7	40.9	43.8	45.0	48.6	41.5
25	48.5	48.2	43.0	41.6	38.9	34.7	35.9	37.0	40.8	44.4	45.7	45.5	41.9
26	46.4	46.7	43.6	37.8	38.8	33.6	34.0	34.9	39.0	43.1	47.1	48.5	41.3
27	47.4	47.0	43.1	41.0	38.3	33.8	34.6	35.7	39.7	43.0	46.9	48.9	41.1
28	49.0	47.4	44.3	40.0	35.6	34.4	34.1	38.1	40.0	44.7	48.4	48.9	41.8
29	49.3	46.8	44.7	39.4	37.8	33.3	34.7	35.5	40.3	44.7	48.3	50.1	41.9
30	49.9	48.1	45.8	40.3	38.6	34.8	33.8	34.8	41.8	44.5	44.8	47.9	42.0
31	47.5	48.9	44.9	39.5	37.3	33.4	34.9	34.4	38.4	44.5	47.8	48.5	41.7
32	46.9	50.0	48.1	37.8	35.1	31.3	33.7	34.1	41.1	41.9	46.0	48.0	41.0
33	51.0	48.7	45.3	40.1	37.6	34.9	35.3	35.5	40.4	45.8	48.4	47.1	42.3
34	51.8	48.0	41.5	40.8	37.7	33.7	34.9	37.6	40.1	46.0	44.4	48.3	41.9
35	47.8	43.5	40.5	38.4	34.6	34.3	31.1	34.8	40.8	41.9	46.1	48.3	41.4
36	48.3	45.4	43.7	38.8	38.7	34.9	34.9	34.1	39.7	41.1	44.6	48.1	41.2
37	48.3	48.3	44.4	41.8	37.3	34.1	34.7	38.9	41.1	44.4	48.3	45.7	42.1
38	...	...	...	...	...	...	...	...	...	...	...	...	...
39	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

158 RESTRICTED

RESTRICTED

278

Ch'ang-ch'un

新 京

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水 銀 氣 壓 (+700mm)	1909 81.9	80.6	83.9	88.1	86.7	80.7	81.5	81.8	88.8	85.9	88.4	85.9	81.9
10	87.7	84.8	84.8	81.3	87.4	80.3	88.5	81.3	88.4	88.9	85.4	85.4	87.7
11	88.3	80.9	86.9	83.8	87.4	80.5	83.1	83.3	88.0	88.8	85.4	85.8	86.9
12	80.8	81.9	87.5	80.5	86.7	89.4	83.3	88.9	81.8	84.5	86.5	81.8	81.8
13	84.4	85.5	84.3	89.1	83.5	89.8	83.5	81.8	84.7	83.7	80.7	88.8	83.4
14	84.3	86.5	81.8	84.0	86.7	81.8	87.7	84.4	80.9	86.3	86.1	86.1	84.5
15	88.0	84.1	88.8	81.8	85.3	88.9	80.8	80.8	87.3	83.8	87.5	88.8	88.8
16	88.7	86.1	80.9	88.8	86.3	89.8	86.1	88.9	86.7	85.5	85.8	87.8	88.7
17	89.3	86.5	84.0	88.0	84.4	89.0	84.6	83.3	89.0	84.5	87.3	84.7	89.3
18	89.4	85.8	84.1	89.5	88.1	89.4	89.0	84.0	87.1	83.3	84.4	87.1	89.4
19	88.4	85.8	88.5	89.8	86.4	84.0	81.1	81.9	89.1	89.0	89.3	85.4	88.4
20	87.3	89.0	87.0	89.8	88.8	80.8	80.0	88.1	89.0	83.0	88.1	86.7	86.7
21	89.5	83.8	89.3	87.8	85.0	84.6	89.9	85.5	88.0	88.4	88.8	87.5	89.5
22	87.5	83.0	88.3	88.1	86.3	88.5	80.1	81.4	80.6	81.3	85.9	83.3	87.5
23	88.0	85.6	83.3	80.0	85.7	85.4	89.4	89.4	80.4	88.0	88.0	85.6	88.0
24	89.7	83.5	87.6	86.0	85.4	88.5	88.5	88.4	87.1	84.4	86.7	85.9	89.7
25	85.7	88.8	89.3	89.4	88.3	88.0	81.4	84.6	85.6	80.6	86.5	84.3	88.8
26	88.6	85.0	83.6	88.9	85.1	83.7	89.6	83.8	81.9	88.1	85.3	87.4	88.6
27	84.6	87.7	82.9	81.8	87.8	88.0	87.7	84.6	87.3	81.0	85.0	88.0	84.0
28	87.9	88.8	83.8	80.0	85.6	83.3	88.7	81.4	87.8	81.8	86.6	87.6	88.8
29	89.0	88.9	87.5	88.1	85.7	81.0	88.4	81.6	89.6	84.9	86.9	86.9	89.0
30	87.7	89.8	89.8	80.7	81.4	88.7	88.4	88.3	88.6	83.0	83.4	87.3	89.8
31	89.1	88.8	88.7	87.6	84.4	89.9	89.6	88.7	86.1	88.2	88.2	88.4	89.1
32	86.9	87.8	80.1	86.8	87.3	88.4	87.3	87.7	88.4	81.7	87.9	87.9	86.9
33	88.7	84.1	83.4	87.5	84.1	80.1	83.7	81.5	85.4	87.3	85.4	88.7	88.7
34	88.1	85.1	89.7	89.5	85.5	80.4	84.4	85.9	81.4	84.0	85.3	86.9	88.1
35	85.0	88.7	81.9	89.5	86.9	80.6	81.4	81.6	87.5	83.1	81.1	85.3	81.1
36	87.3	86.7	85.7	81.8	88.9	80.4	89.1	81.8	86.6	81.4	84.8	88.8	88.8
37	86.6	81.1	88.8	84.0	87.8	83.1	83.7	87.5	88.5	81.8	85.9	84.6	81.1
38	81.5	85.1	84.4	84.7	84.5	84.5	88.0	83.9	88.8	83.6	80.8	81.5	81.5
水 銀 氣 壓 (+700mm)	1900 38.1	35.2	39.9	37.3	37.5	36.7	37.6	37.6	37.6	35.8	36.0	37.9	36.0
10	34.4	37.6	31.9	30.8	31.3	30.4	32.3	32.0	34.3	35.5	33.8	38.8	30.4
11	39.0	33.3	38.7	31.5	30.1	34.8	33.7	30.8	36.1	36.0	34.1	35.0	31.9
12	39.4	34.3	35.7	37.7	38.9	37.3	38.7	30.9	33.1	34.1	33.6	43.8	38.9
13	39.0	33.8	33.4	37.4	33.1	35.4	38.1	39.8	39.8	34.8	34.8	37.6	33.1
14	34.0	40.7	38.8	33.7	35.8	34.7	34.6	31.1	34.1	34.8	30.8	31.5	38.8
15	38.1	33.4	31.9	39.0	38.8	37.3	34.8	38.7	35.8	33.6	35.7	31.5	38.8
16	38.8	36.4	30.3	38.5	35.6	37.3	37.9	38.7	38.0	34.9	37.0	30.7	38.3
17	36.9	31.7	34.0	31.3	38.0	38.6	37.3	35.8	38.6	35.0	39.9	38.8	36.6
18	40.5	31.8	33.4	34.0	33.5	33.9	37.5	33.8	30.9	35.0	35.7	33.7	33.5
19	48.3	34.5	36.5	36.1	35.4	35.1	38.8	30.8	31.9	33.7	35.3	37.4	35.4
20	38.8	43.0	37.7	30.3	38.1	31.8	30.9	37.1	34.5	31.8	33.7	36.3	31.8
21	34.9	36.1	38.3	35.7	37.9	39.7	30.1	39.8	38.4	34.8	33.8	35.0	35.7
22	40.8	35.1	31.4	33.3	38.8	35.1	36.9	39.3	33.8	38.8	31.0	35.8	38.8
23	35.0	35.0	33.1	38.3	34.8	35.0	38.3	38.9	31.7	30.6	34.8	34.8	38.9
24	38.9	33.8	34.1	31.1	39.3	30.7	39.1	31.7	31.4	36.6	30.0	36.0	39.1
25	38.9	35.1	33.7	31.7	38.3	38.9	39.6	38.0	33.8	35.3	38.3	35.3	38.9
26	37.7	33.6	38.6	30.9	35.5	35.7	37.9	37.0	38.4	34.1	35.6	31.9	38.9
27	37.6	38.0	35.3	34.9	37.8	35.6	33.5	38.4	36.3	37.5	38.7	31.9	38.9
28	35.5	32.8	39.1	36.4	35.8	38.0	35.0	31.1	39.6	39.9	35.1	34.9	35.4
29	33.4	34.9	37.9	33.0	38.8	33.5	38.4	37.3	39.7	35.7	34.1	39.4	33.0
30	39.9	31.8	38.3	37.1	38.7	31.3	33.8	38.7	38.8	33.9	34.1	36.3	33.0
31	37.3	38.7	35.1	38.4	38.3	38.6	38.7	30.3	39.9	33.7	37.3	36.3	38.1
32	39.3	38.9	31.3	36.8	34.9	39.8	37.7	38.7	38.6	31.6	39.7	41.1	34.9
33	38.1	37.3	33.9	39.3	39.3	38.1	38.3	39.6	35.4	34.8	34.9	35.8	38.1
34	44.9	36.3	39.9	39.4	38.7	33.6	37.8	31.5	38.1	37.9	33.7	40.9	33.4
35	31.8	35.9	31.3	33.4	38.9	34.3	33.8	31.4	34.1	34.8	37.3	36.0	37.3

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

159

RESTRICTED

RESTRICTED

279

新 Ch'ang-ch'un 京

Lowest barometric pressure of freezing point

Average barometric pressure at sea level

Average atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1916	35.0	40.4	38.3	35.2	30.6	33.0	33.6	33.5	30.7	35.3	35.6	33.0	33.0
17	40.3	36.4	35.1	37.6	37.2	37.4	35.5	30.8	32.9	35.9	35.2	35.5	35.5
18	38.4	34.7	35.2	35.0	31.9	37.8	35.8	30.7	30.8	33.1	34.2	34.9	34.9
1909	71.1	65.0	65.5	59.0	56.0	53.4	54.3	55.1	59.0	64.2	63.9	64.4	61.2
10	69.2	69.0	64.1	60.1	59.7	51.1	51.3	54.5	60.9	65.7	64.8	70.4	61.4
11	70.1	70.8	66.8	59.8	57.3	53.2	52.7	55.8	59.9	64.0	66.3	70.4	62.2
12	71.4	65.4	64.5	57.8	55.4	52.6	52.9	56.0	60.0	64.9	68.1	72.7	61.8
13	71.8	67.8	63.9	59.6	55.4	52.2	52.9	54.0	58.7	65.5	67.8	68.8	61.6
14	66.6	69.5	62.6	59.8	55.7	51.7	51.8	54.8	60.0	65.9	67.7	67.7	60.9
15	70.9	66.2	64.1	59.9	55.3	52.0	51.8	54.6	60.5	64.1	68.4	66.0	60.8
16	70.4	68.0	64.3	60.3	55.5	52.3	53.1	54.9	60.3	65.0	70.1	70.1	60.0
17	70.4	68.1	65.6	61.1	55.1	52.2	52.7	54.5	60.6	65.0	69.8	69.8	61.4
18	70.5	68.7	65.2	60.0	55.0	51.6	51.9	56.6	57.4	63.4	67.7	70.5	61.5
19	72.1	66.5	61.2	57.5	56.3	52.0	52.2	55.4	60.7	61.4	65.7	70.6	61.4
20	68.7	73.4	66.9	60.4	56.5	52.3	53.1	53.4	61.6	64.0	68.7	70.1	62.3
21	66.3	68.9	63.9	59.8	55.6	52.1	52.3	54.8	61.2	65.6	65.9	69.0	61.7
22	73.5	66.6	63.3	59.7	55.2	50.9	52.2	55.1	59.8	61.3	67.5	67.9	61.1
23	71.2	67.9	64.2	60.2	55.2	51.4	51.6	54.2	59.4	61.6	64.7	67.8	60.8
24	69.1	66.1	66.8	58.1	55.4	54.0	53.6	55.2	59.9	63.7	65.6	69.0	61.4
25	71.2	66.6	63.5	61.2	55.9	53.2	54.3	55.6	59.5	64.1	66.0	68.8	61.7
26	70.1	67.9	63.9	59.5	55.6	52.1	52.3	53.3	59.9	63.0	67.6	70.1	61.1
27	69.0	68.2	65.7	60.5	55.3	52.3	51.9	54.3	58.6	61.6	65.3	68.4	60.9
28	70.8	68.8	64.7	60.3	54.5	53.0	52.5	54.8	59.0	64.5	67.0	70.4	61.7
29	71.0	68.3	65.7	59.1	56.8	51.7	53.1	54.0	59.4	64.5	66.7	71.6	61.8
30	71.6	69.3	64.1	59.8	55.5	52.4	52.0	55.0	60.3	64.2	65.6	69.3	61.8
31	69.3	70.9	63.2	59.3	56.3	52.2	52.4	55.0	57.3	64.3	67.6	71.0	61.6
32	68.1	71.5	62.7	56.8	54.1	52.7	51.0	54.7	61.1	61.6	64.4	70.1	60.8
33	72.8	68.3	65.1	59.7	56.5	53.5	54.6	54.0	59.3	64.8	67.2	68.4	61.1
34	73.1	67.1	62.2	60.5	56.6	52.2	53.3	56.1	59.2	65.9	68.8	70.3	61.8
35	69.2	66.2	62.8	59.2	55.1	52.0	52.4	55.2	60.4	64.2	71.0	61.4	61.4
36	70.2	68.9	67.3	59.2	55.7	53.3	51.6	54.6	58.7	61.7	65.1	69.9	61.2
37	71.1	66.9	64.9	61.3	56.0	52.8	52.8	56.3	60.6	62.8	67.1	68.5	61.1
38	71.9	66.6	64.9	59.9	55.0	53.5	52.8	55.2	60.0	64.3	67.8	70.7	61.8
39	72.1	71.9	63.8	61.6	56.6	51.5	55.0	56.8	58.8	65.2	66.3	70.7	62.5
1909	-15.4	-12.5	-6.8	4.0	14.1	18.6	23.2	21.9	14.2	5.1	-2.2	-15.0	4.1
10	-15.8	-14.6	-6.6	6.6	14.9	18.8	23.5	21.1	13.9	7.9	-2.8	-12.2	3.4
11	-17.8	-13.0	-6.4	5.2	14.1	19.1	22.0	21.3	15.9	5.6	-2.0	-13.1	4.2
12	-13.5	-8.2	-4.1	6.4	12.3	19.6	22.7	21.6	12.5	3.0	-7.4	-15.2	4.1
13	-13.6	-13.9	-4.9	7.9	14.0	18.1	21.3	21.8	14.4	6.0	-3.3	-12.3	4.0
14	-12.0	-10.5	-3.7	2.5	12.9	20.5	22.7	22.2	12.0	2.2	-2.5	-12.2	2.4
15	-11.1	-10.5	-3.7	3.0	12.5	18.5	23.3	20.9	14.0	6.2	-3.0	-12.8	3.3
16	-14.3	-13.4	-2.3	4.4	13.8	19.2	23.3	23.5	14.0	7.1	-2.8	-12.6	2.3
17	-10.6	-12.8	-2.7	4.7	12.3	22.2	22.2	21.7	14.7	6.2	-2.2	-12.0	3.9
18	-12.7	-11.5	-2.8	6.9	12.8	18.9	22.4	21.7	14.6	2.2	-3.4	-15.4	4.4
19	-20.4	-10.0	-2.7	4.7	12.9	19.6	22.5	22.7	15.5	7.0	-4.5	-13.7	4.9
20	-14.5	-17.0	-2.3	2.0	17.5	19.6	23.3	21.9	13.4	7.4	-2.2	-13.1	3.3
21	-12.1	-10.5	-4.1	5.8	12.2	20.2	22.8	22.3	14.3	4.4	-2.2	-12.7	3.1
22	-22.8	-7.7	-2.9	8.6	13.9	21.2	22.7	21.3	14.0	8.6	-2.2	-12.7	4.7
23	-17.9	-12.5	-1.7	5.2	14.5	19.7	22.7	21.9	13.6	5.3	-2.2	-13.2	4.2
24	-17.3	-15.0	-2.4	5.2	14.0	21.9	24.1	22.5	13.7	3.7	-2.1	-13.3	4.5
25	-17.2	-13.5	-2.8	7.9	14.9	21.2	23.1	21.8	15.7	7.4	-1.9	-12.2	2.9
26	-17.2	-11.2	-2.8	2.2	17.2	21.0	24.0	22.1	12.9	4.2	-2.3	-12.3	2.9
27	-15.3	-12.2	-2.1	2.2	12.2	21.2	22.2	21.2	12.2	2.2	-2.2	-12.2	2.2
28	-17.0	-12.2	-2.2	7.2	13.9	19.3	22.2	22.2	12.2	2.2	-2.2	-12.2	2.2
29	-17.7	-14.4	-2.9	2.7	14.2	21.1	22.2	21.1	14.1	7.0	-2.5	-12.1	4.7
30	-14.1	-12.2	-2.1	2.7	12.2	22.2	22.2	22.2	12.2	7.2	-2.2	-12.2	2.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

160 RESTRICTED

STAT

STAT

RESTRICTED

280

Ch'ang-ch'un

新 東

Average atmospheric temperature

Average highest atmospheric temperature

Average lowest atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1931	-18.3	-17.2	-8.4	4.5	13.6	19.3	22.2	22.1	16.3	7.1	-1.6	-13.3	4.4	
18	-10.4	-12.5	-4.7	4.9	14.4	21.4	23.9	21.3	16.5	7.1	-2.6	-9.4	6.0	
33	-16.9	-15.8	-6.9	6.7	18.0	20.7	25.0	22.2	16.1	7.5	-4.1	-11.6	4.9	
34	-18.0	-9.8	-6.1	5.6	17.0	20.9	22.5	21.7	15.8	6.8	-2.8	-8.4	5.3	
35	-15.5	-2.6	-0.8	7.3	14.7	18.9	23.8	22.7	15.8	10.0	-4.8	-18.4	5.9	
36	-19.3	-15.3	-4.6	6.1	14.3	18.6	23.1	22.0	16.4	7.2	-3.7	-11.3	4.5	
37	-15.0	-13.4	-7.1	5.6	12.7	20.1	24.3	22.8	15.8	7.8	-3.9	-9.1	4.4	
38	-18.2	-12.9	0.8	8.1	13.4	20.4	23.5	22.3	14.2	8.6	-4.4	-16.3	5.0	
39	-19.4	-13.2	-1.5	8.2	15.0	19.2	24.6	23.9	14.8	7.1	-3.6	-10.3	5.4	
40	-18.9	-12.1	-1.5	6.4		18.9	23.9	20.0	16.1	8.1	-3.6	-3.1		
最高氣溫														
平均	1909	-9.4	-6.2	-1.0	10.2	20.5	24.6	22.3	27.2	20.9	10.8	5.5	-9.7	10.0
10	-13.0	-8.4	-1.3	12.8	21.7	24.4	29.0	25.8	20.5	14.5	0.0	-10.0	9.8	
11	-11.3	-6.9	-1.1	11.1	20.7	24.8	27.0	26.7	22.1	12.3	8.9	-6.6	10.2	
12	-6.3	-1.0	3.2	13.3	18.3	25.7	27.9	27.0	19.6	8.0	-2.4	-10.2	10.3	
13	-12.4	-7.3	1.8	15.0	21.2	24.1	29.5	28.1	22.2	13.5	5.9	-8.6	10.7	
14	-5.6	-4.0	1.6	15.6	22.2	26.6	27.6	27.7	21.0	15.5	-3.2	-10.3	11.4	
15	-7.5	-9.5	-3.7	7.8	18.5	24.1	28.1	25.8	20.3	12.8	1.9	-3.7	8.9	
16	-8.4	-7.5	-9.7	10.8	20.2	25.0	28.9	29.6	21.8	14.5	3.7	-8.1	10.9	
17	-14.7	-6.6	4.6	14.3	19.8	20.8	29.4	27.9	21.6	12.8	-0.2	-13.0	10.6	
18	-12.5	-5.0	5.4	14.3	19.5	24.3	27.3	27.0	20.8	14.1	0.8	-9.4	10.5	
19	-14.9	-2.6	4.2	11.0	20.3	25.9	34.4	29.3	23.1	13.8	2.0	-8.0	11.6	
20	-8.7	-10.0	7.2	16.2	22.6	28.5	31.2	28.2	20.3	15.4	2.6	-7.5	12.2	
21	-6.1	-3.4	3.2	13.5	22.7	27.2	28.1	28.4	21.1	13.5	-0.4	-6.8	11.8	
22	-15.2	-1.2	3.2	16.2	21.4	29.0	28.8	27.4	20.7	16.1	-2.4	-5.9	11.5	
23	-3.8	-5.5	4.7	12.0	21.6	25.8	28.4	27.5	20.4	12.0	-0.9	-7.7	10.7	
24	-10.9	-8.1	0.6	13.3	21.3	29.5	29.5	29.2	24.6	12.6	-0.3	-8.0	11.0	
25	-10.7	-6.8	-0.1	14.0	21.5	28.5	28.2	27.2	22.2	14.9	5.2	-7.5	11.4	
26	-11.2	-5.1	1.4	12.6	21.2	28.1	30.5	27.7	22.5	11.1	2.7	-10.8	11.2	
27	-9.5	-5.9	2.3	13.7	18.5	27.0	29.0	27.4	23.7	13.0	3.8	-8.6	11.4	
28	-11.7	-7.9	2.8	12.2	21.6	25.8	28.4	27.5	20.4	12.0	-0.9	-7.7	10.7	
29	-11.2	-8.4	2.6	12.6	20.1	27.5	29.1	26.8	21.6	14.1	4.2	-7.9	11.0	
30	-10.0	-4.0	6.5	15.5	22.2	27.0	30.1	27.8	22.0	15.2	-2.3	-8.0	11.9	
31	-11.6	-11.0	3.8	10.7	19.8	25.6	28.7	27.7	23.1	14.2	4.8	-7.5	10.7	
32	-4.0	-5.3	1.5	13.9	20.4	27.7	28.2	27.0	22.4	13.4	3.3	-6.3	12.0	
33	-11.2	-9.3	-0.7	13.2	22.2	27.4	30.6	28.0	23.3	14.5	1.7	-6.7	11.1	
34	-13.1	-3.5	-0.5	12.0	23.9	26.5	27.1	27.7	21.1	12.4	2.6	-2.5	12.2	
35	-7.4	0.0	5.8	14.4	21.3	24.5	29.1	28.5	23.0	19.0	0.9	-11.0	12.1	
36	-14.0	-9.0	1.5	12.4	20.6	25.3	28.5	28.1	22.6	13.8	1.6	-4.4	10.4	
37	-9.7	-7.0	-1.9	11.3	20.2	28.0	30.0	28.5	22.0	14.0	2.1	-11.5	10.2	
38	-12.2	-5.9	7.1	15.2	19.1	25.8	27.9	27.3	19.7	14.7	1.4	-11.0	10.8	
39	-13.1	-6.3	4.4	15.2	21.5	24.3	29.3	28.0	19.8	13.7	2.4	-4.3	11.3	
40	-13.5	-5.3	5.3	13.1		24.1	29.4	24.9	22.5	15.1	1.8	-7.5		
最低氣溫														
平均	1909	-9.3	-12.7	-13.1	-2.3	7.2	12.5	12.7	17.4	7.8	0.0	-9.1	-20.1	-1.9
10	-24.2	-21.0	-12.9	0.7	7.7	12.6	12.7	17.0	8.0	2.3	-2.0	-21.2	-1.9	
11	-24.4	-18.5	-12.5	-0.4	5.8	12.8	17.5	15.1	12.2	-0.2	-2.2	-19.9	-1.5	
12	-10.7	-14.9	-10.9	-0.2	5.9	13.1	17.3	18.2	5.8	-2.8	-12.2	-12.2	-2.2	
13	-24.9	-20.7	-11.4	1.1	5.8	12.2	16.3	15.7	7.8	-0.4	-2.9	-19.7	-2.3	
14	-12.5	-17.7	-9.6	1.3	8.9	14.2	12.2	17.2	8.6	2.1	-14.1	-20.7	-2.7	
15	-22.9	-21.1	-14.7	-1.5	6.2	12.2	12.4	12.3	2.5	0.8	-2.3	-18.1	-2.3	
16	-20.4	-19.5	-14.5	-1.1	7.4	13.9	17.2	12.2	8.2	0.2	-2.2	-20.1	-1.7	
17	-22.8	-20.4	-2.9	-1.1	4.0	13.5	12.2	17.1	2.6	0.7	-12.1	-22.2	-2.3	
18	-22.5	-17.7	-4.9	-0.8	6.9	13.5	17.2	17.0	9.7	1.2	-12.9	-22.2	-1.3	
19	-22.7	-17.3	-9.7	-1.5	5.1	12.2	20.2	14.7	2.3	1.3	-12.7	-12.9	-1.5	
20	-22.0	-21.4	-9.5	1.8	9.3	12.9	19.7	12.4	2.2	2.2	-1.2	-12.2	-2.2	
21	-12.1	-17.3	-12.3	0.3	7.7	12.7	17.7	12.2	2.2	2.2	-1.2	-12.2	-2.2	
22	-22.9	-12.2	-12.3	0.7	6.7	12.6	12.5	12.2	2.1	2.1	-12.4	-12.2	-1.5	
23	-22.9	-12.2	-9.7	-0.2	7.2	12.6	12.5	12.2	2.1	2.1	-12.4	-12.2	-1.5	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

161 RESTRICTED

RESTRICTED

Ch'ang-ch'ün 張

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1904	-23.3	-21.2	-11.3	0.1	-7.3	14.7	20.1	17.1	8.1	-0.7	-10.0	-14.4	-1.4
05	-22.8	-19.7	-10.8	1.7	9.0	15.1	18.9	16.6	9.8	1.0	-4.7	-10.0	-2.4
06	-23.0	-17.7	-8.6	-1.4	10.5	14.1	18.4	17.8	10.8	-1.5	-4.1	-11.8	-3.3
07	-20.9	-18.3	-10.3	1.8	6.1	13.5	18.7	15.3	10.0	0.3	-7.1	-10.1	-0.7
08	-22.5	-19.6	-7.8	0.6	7.2	13.4	18.3	18.1	9.5	-0.2	-9.0	-18.7	-0.9
09	-23.5	-21.3	-9.6	-1.5	7.6	14.2	18.7	16.4	7.3	0.2	-8.1	-12.2	-1.5
10	-21.4	-17.1	-8.8	1.4	8.8	14.2	19.7	17.7	9.2	1.5	-10.0	-18.7	-0.5
11	-24.8	-23.5	-8.6	-1.1	6.7	14.0	18.4	17.3	10.7	0.5	-9.8	-18.5	-1.5
12	-17.0	-10.3	-11.6	-0.8	7.5	14.2	19.4	15.8	9.8	-1.4	-9.1	-14.8	-0.4
13	-21.8	-21.3	-12.8	0.4	9.2	15.1	19.8	16.9	9.5	1.7	-9.1	-16.5	-0.7
14	-24.0	-15.7	-12.0	-0.6	10.0	15.9	18.6	17.0	10.1	0.8	-7.7	-13.8	-0.1
15	-19.1	-12.0	-6.9	-0.3	7.7	13.8	18.0	17.7	10.1	5.0	-8.8	-11.1	0.3
16	-24.0	-11.1	-10.7	0.3	8.3	14.3	18.9	16.8	11.8	1.8	-8.5	-15.6	-0.8
17	-21.5	-20.2	-13.1	-0.7	6.4	14.1	18.1	17.8	8.1	1.8	-9.2	-23.1	-1.7
18	-24.8	-20.6	-8.2	0.0	7.1	14.5	19.3	17.3	8.6	2.3	-10.2	-14.4	-1.3
19	-26.5	-21.2	-8.4	0.0	6.8	14.0	21.0	19.4	10.5	1.3	-9.0	-16.5	-0.7
20	-24.8	-18.8	-9.1	-0.8	--	14.2	18.7	15.5	9.8	1.2	-8.1	-18.8	--
年度最高	1.6	4.0	13.4	23.5	33.3	32.8	31.7	32.3	26.7	18.0	17.0	0.0	33.3
10	-2.4	-2.1	11.1	22.7	32.0	30.6	30.6	31.5	25.4	22.7	12.9	-2.6	32.6
11	-4.1	1.6	4.9	21.7	29.6	31.3	31.1	31.6	29.4	19.3	13.8	-2.5	31.6
12	1.3	10.0	13.5	25.2	25.9	31.4	34.0	33.0	24.8	27.1	11.0	-1.7	34.0
13	-3.3	4.3	19.0	25.7	32.4	29.7	33.2	33.9	29.0	29.8	13.5	0.8	33.9
14	3.5	6.4	12.8	25.5	32.9	35.3	33.2	30.4	30.6	22.5	10.0	-4.0	35.3
15	-4.0	-0.3	3.9	18.7	27.0	29.2	33.0	32.8	26.8	24.3	16.5	7.3	32.8
16	-1.8	0.8	8.2	21.7	30.1	34.1	34.4	37.0	29.5	21.7	14.8	7.3	37.0
17	-4.3	4.6	10.2	21.9	31.6	37.8	35.7	33.5	27.5	24.0	9.1	6.0	37.8
18	-4.9	2.4	16.5	23.6	29.5	30.6	31.6	31.9	28.1	22.1	16.1	-2.2	31.9
19	-3.6	10.5	15.1	19.6	30.7	33.2	32.2	35.8	28.1	27.0	18.6	3.4	32.2
20	1.0	-0.9	19.9	30.2	30.5	36.2	38.3	31.6	27.2	22.2	24.0	3.7	38.3
21	2.4	-7.7	15.7	21.0	31.2	33.7	34.0	34.3	31.8	24.1	9.2	4.1	34.3
22	-5.4	7.9	11.8	28.5	31.3	39.5	32.7	32.5	27.7	26.0	14.2	2.9	39.5
23	-1.7	3.5	14.4	25.7	29.4	33.0	33.8	31.4	28.2	23.3	8.0	3.2	33.8
24	1.3	-0.1	8.0	21.8	31.9	34.5	34.5	35.8	31.7	23.7	8.8	4.5	34.5
25	-6.8	3.5	11.0	22.8	28.3	30.7	34.5	34.7	31.3	22.6	15.9	5.8	34.7
26	-0.2	2.1	11.0	24.8	31.0	37.5	36.5	32.6	29.0	23.0	12.3	-1.7	37.5
27	2.1	0.9	18.1	26.4	28.3	35.8	33.1	32.2	31.3	23.6	14.1	1.3	35.8
28	0.0	1.5	14.8	25.7	31.2	31.8	33.4	32.6	29.7	23.1	14.2	-1.7	33.4
29	3.3	1.5	16.4	22.4	31.0	34.0	32.1	33.4	27.2	20.7	12.1	2.0	34.0
30	-2.2	7.5	12.1	26.6	30.3	33.3	33.4	33.7	33.1	24.7	18.7	2.1	33.7
31	-1.7	-2.8	14.7	23.7	29.8	32.3	33.7	32.8	29.8	23.9	17.0	4.1	33.7
32	3.2	-3.0	12.2	26.7	31.0	35.3	32.3	32.1	22.2	22.0	12.2	2.2	35.3
33	-1.7	-1.6	16.0	19.5	24.3	33.2	37.1	33.8	28.0	21.0	11.0	1.8	37.1
34	-4.9	2.0	6.4	21.6	30.9	31.9	31.2	28.1	27.0	22.0	12.9	7.1	31.2
35	-0.2	12.7	15.4	24.2	33.1	30.1	32.7	30.9	28.5	22.1	17.7	1.4	32.7
36	-1.4	-1.9	18.2	21.2	27.1	31.5	32.9	33.2	28.9	22.7	12.8	3.1	32.9
37	3.1	3.3	6.6	21.0	29.2	28.7	29.0	26.6	26.2	22.1	17.9	0.2	29.2
38	-3.0	7.2	17.2	27.2	27.2	31.0	31.1	31.2	22.2	20.7	14.7	2.1	31.2
39	-2.1	2.9	13.7	24.5	29.7	32.5	34.2	34.9	25.2	24.4	12.1	3.2	34.9
年度最低	-22.2	-26.8	-21.2	-12.1	0.6	4.4	12.9	11.1	1.3	-2.1	-12.0	-26.8	-22.2
10	-23.1	-22.9	-22.2	-12.1	-2.4	7.0	14.6	12.6	2.1	-2.4	-17.3	-22.9	-23.1
11	-22.1	-22.9	-22.0	-2.2	-1.1	9.9	13.8	12.1	2.1	-7.7	-12.0	-22.9	-22.1
12	-22.2	-22.1	-18.0	-2.4	-0.7	8.6	11.1	12.1	-0.2	-1.2	-12.0	-22.1	-22.2
13	-22.2	-21.1	-22.2	-2.2	-2.2	8.7	9.0	7.2	-1.2	-1.2	-12.0	-22.2	-22.2
14	-22.2	-22.2	-22.2	-11.4	0.6	6.4	12.1	12.7	2.1	-2.4	-12.0	-22.2	-22.2
15	-22.2	-22.2	-22.2	-2.2	-2.2	7.2	12.1	12.1	-0.7	-1.2	-12.0	-22.2	-22.2
16	-22.2	-22.2	-22.2	-11.4	0.6	6.4	12.1	12.7	2.1	-2.4	-12.0	-22.2	-22.2
17	-22.2	-22.2	-22.2	-2.2	-2.2	7.2	12.1	12.1	-0.7	-1.2	-12.0	-22.2	-22.2
18	-22.2	-22.2	-22.2	-11.4	0.6	6.4	12.1	12.7	2.1	-2.4	-12.0	-22.2	-22.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute. February 1942

162 RESTRICTED

RESTRICTED

282

新 Chang-ch'un 京

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1917	-33.0	-28.8	-19.8	-12.7	-3.4	5.3	14.4	13.8	5.0	-4.8	-19.0	-25.5	-15.5
18	-32.7	-26.2	-18.2	-9.7	-2.0	8.2	13.8	12.3	3.3	-8.1	-19.8	-26.1	-15.5
19	-33.0	-31.8	-18.2	-11.3	-3.3	7.0	16.1	16.6	1.8	-2.2	-25.2	-25.4	-13.0
20	-30.0	-31.8	-18.1	-3.2	-5.5	4.8	13.4	13.4	-1.4	-6.0	-19.9	-25.5	-12.8
21	-27.4	-21.3	-18.1	-2.2	-1.0	7.0	11.2	6.4	2.5	-4.4	-20.4	-28.0	-12.0
22	-24.5	-23.8	-19.5	-7.4	-1.1	5.5	12.6	10.4	-0.7	-7.0	-23.1	-24.5	-14.5
23	-33.6	-25.0	-18.8	-6.5	0.3	6.6	14.2	12.1	-0.2	-12.6	-25.4	-29.8	-13.8
24	-29.9	-27.8	-20.9	-8.9	-2.0	9.8	14.0	12.2	3.5	-11.8	-17.0	-23.4	-19.9
25	-25.5	-24.5	-21.0	-2.8	3.1	6.4	12.9	11.8	3.2	-7.1	-18.1	-21.7	-17.7
26	-29.5	-25.0	-15.3	-7.5	2.6	6.9	13.6	13.8	0.0	-13.4	-15.6	-28.5	-29.5
27	-29.5	-24.4	-21.9	-9.0	0.6	7.2	14.9	10.2	3.2	-4.3	-16.9	-27.8	-29.5
28	-31.6	-27.8	-17.7	-7.6	-0.6	5.4	15.1	11.7	-2.2	-13.2	-17.8	-23.0	-11.6
29	-29.9	-29.4	-22.2	-10.0	-0.7	7.9	13.7	11.4	0.0	-9.8	-17.0	-26.3	-29.9
30	-29.9	-24.3	-17.0	-2.2	1.0	9.2	16.2	12.6	2.2	-7.7	-18.5	-27.1	-29.9
31	-35.7	-31.2	-19.7	-7.4	0.5	9.0	13.9	7.3	4.2	-2.2	-18.5	-25.1	-35.7
32	-26.3	-26.6	-19.0	-7.3	-0.6	9.9	13.9	9.1	4.7	-4.6	-16.0	-21.0	-26.6
33	-28.4	-27.9	-25.8	-5.0	-2.3	7.5	11.5	11.1	1.5	-2.1	-19.1	-23.6	-28.4
34	-29.4	-21.9	-19.2	-2.2	1.7	10.2	14.9	11.4	3.1	-2.0	-20.2	-21.6	-29.4
35	-25.1	-23.6	-11.4	-6.0	-1.3	7.5	14.8	9.1	2.2	-2.8	-19.8	-26.6	-26.6
36	-31.3	-29.4	-22.4	-5.0	3.0	9.1	13.6	12.6	6.4	-2.9	-17.9	-21.5	-31.3
37	-27.2	-29.8	-22.0	-10.2	-0.7	4.4	14.8	8.6	2.3	-5.5	-18.8	-22.1	-27.2
38	-29.9	-29.1	-17.9	-7.4	-0.4	8.1	12.9	11.1	4.9	-2.6	-17.9	-21.1	-29.9
39	-33.5	-34.1	-15.2	-11.9	-2.2	8.6	17.7	12.0	0.5	-8.5	-21.1	-23.2	-34.1

Vapor pressure

水汽張力	1909	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
10	0.8	1.1	2.0	4.1	6.4	10.8	15.1	15.4	9.0	6.1	2.1	0.8	0.2	6.2
11	0.9	1.4	2.0	4.6	6.3	11.7	15.4	14.9	9.7	4.4	3.0	1.1	0.3	6.3
12	1.0	1.7	2.8	5.4	6.6	10.8	14.3	14.9	6.7	3.8	1.8	1.0	0.6	6.3
13	0.9	1.2	2.2	3.7	4.9	11.1	14.3	13.1	7.6	4.0	2.2	1.3	0.5	5.5
14	1.4	1.4	2.3	3.6	5.6	11.4	15.6	15.6	9.9	5.6	2.2	1.0	0.3	6.3
15	0.7	1.1	1.9	3.2	7.1	11.9	17.0	15.9	8.8	5.5	3.0	1.6	0.5	6.5
16	1.2	1.3	1.7	3.6	6.9	10.6	15.6	16.5	8.6	4.9	2.5	1.2	0.2	6.2
17	0.8	1.2	2.0	3.0	4.9	10.6	16.8	15.3	8.9	5.1	2.0	1.0	0.6	6.0
18	0.8	1.4	2.7	3.6	6.5	11.6	15.9	13.2	10.2	5.2	2.2	1.1	0.4	6.4
19	0.8	1.7	2.9	3.5	5.8	11.3	16.7	14.4	8.8	4.8	2.4	1.2	0.1	6.1
20	1.1	1.0	2.4	3.9	5.7	10.2	15.6	14.0	8.3	4.9	2.8	1.1	0.6	6.0
21	1.2	1.2	1.6	3.4	6.6	10.8	15.5	15.0	9.0	4.9	2.0	1.4	0.1	6.1
22	0.6	2.0	1.8	3.8	6.4	10.5	15.3	14.1	8.9	5.4	1.9	1.3	0.1	6.1
23	0.9	1.3	2.2	3.3	6.7	11.4	15.7	13.8	8.8	4.8	2.4	1.3	0.3	6.3
24	1.0	1.1	2.1	2.8	6.8	10.6	17.0	15.1	8.6	4.8	2.2	1.1	0.2	6.2
25	0.8	0.9	1.8	4.1	7.6	10.9	16.1	14.8	10.0	5.2	2.6	1.2	0.1	6.1
26	1.0	1.5	2.2	2.9	7.2	9.0	16.7	15.4	10.2	4.0	2.4	1.0	0.6	6.0
27	1.2	1.0	2.3	3.9	5.8	9.5	16.1	15.7	9.2	5.4	2.6	1.3	0.6	6.0
28	1.2	1.3	2.4	3.6	5.8	10.4	15.4	16.0	9.0	4.5	2.5	1.0	0.1	6.1
29	0.9	1.2	1.9	3.1	7.1	10.0	16.0	14.2	8.0	4.4	2.2	1.2	0.2	6.2
30	1.0	1.5	2.2	3.7	6.8	11.3	17.7	17.0	9.7	5.4	2.3	1.3	0.7	6.7
31	0.9	0.9	2.2	3.3	7.0	12.3	14.5	15.5	10.2	4.6	2.7	1.4	0.4	6.4
32	1.2	1.2	1.8	3.7	6.4	11.1	17.4	15.9	9.5	5.3	2.6	1.6	0.2	6.2
33	0.8	1.0	2.1	3.6	6.4	11.1	16.4	14.5	9.0	5.3	2.4	1.6	0.2	6.2
34	0.8	1.4	1.8	3.4	8.1	12.8	16.3	14.9	8.2	4.7	2.4	1.6	0.5	6.5
35	1.2	1.6	1.9	3.3	7.8	11.0	15.9	15.3	8.4	4.6	2.3	1.0	0.2	6.2
36	0.8	1.1	2.0	3.2	6.4	11.1	15.4	15.6	10.2	4.8	2.2	1.5	0.1	6.1
37	1.2	1.4	2.0	4.3	5.9	11.8	14.8	16.4	8.4	5.5	2.4	1.1	0.1	6.1
38	1.0	1.6	2.2	4.1	7.4	11.8	17.4	15.9	8.9	5.7	2.3	1.1	0.7	6.7
39	1.0	1.4	2.0	4.2	6.4	11.6	17.9	17.0	9.9	2.2	2.6	1.7	0.7	6.7

Average humidity

平均濕度	1909	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
10	69	62	64	72	76	84	88	88	82	68	61	64	71	75
11	72	72	72	75	77	81	84	84	77	64	57	61	67	72

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

163

RESTRICTED

RESTRICTED

988

新 Ch'ang-ch'un 京

Average humidity

Minimum degree of humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1912	63	66	53	48	63	65	71	78	83	64	60	69	64
13	75	68	50	47	43	73	72	78	84	55	60	69	75
14	67	66	62	46	39	61	77	79	77	67	78	86	68
15	67	75	70	69	69	69	72	86	85	74	71	73	64
16	73	75	67	57	60	86	75	77	71	64	60	69	73
17	79	73	58	48	48	58	80	80	72	69	67	78	66
18	73	70	61	51	55	72	80	80	81	68	67	70	69
19	77	69	50	54	59	68	63	71	69	64	64	67	64
20	70	77	52	47	47	64	67	73	73	63	74	63	64
21	65	57	46	48	54	63	77	77	78	68	66	75	61
22	71	70	52	49	57	56	77	76	73	63	70	72	66
23	73	71	63	51	59	68	77	81	71	70	77	71	70
24	77	74	68	50	38	57	77	75	65	68	65	68	66
25	64	54	44	40	48	59	77	79	78	69	69	61	61
26	70	69	63	44	48	51	69	79	75	68	65	74	64
27	65	53	64	45	58	56	76	74	68	69	61	77	64
28	81	70	62	47	51	63	75	80	85	67	67	60	66
29	69	71	51	46	63	65	74	75	67	55	68	64	66
30	73	66	47	45	52	65	78	82	73	66	74	74	66
31	74	66	57	55	62	77	75	78	79	59	61	76	68
32	67	60	57	51	55	61	80	74	71	71	63	68	65
33	63	68	68	50	46	63	71	74	66	69	67	76	65
34	74	64	60	51	55	73	81	75	70	62	57	62	65
35	70	54	43	44	48	70	75	74	70	70	64	69	61
36	71	75	60	56	55	68	74	71	74	63	70	73	68
37	73	68	61	58	49	63	63	78	68	64	66	67	64
38	84	84	55	54	64	69	82	80	78	65	68	81	73
39	89	78	49	50	52	71	78	78	78	62	66	76	69
40	73	65	47	50	...	74	73	78	69	58	77	82	...
最小湿度 1909	29	19	9	15	18	20	33	34	21	23	16	46	9
10	44	51	35	19	18	27	25	41	31	31	19	24	18
11	41	48	37	27	19	26	37	41	27	28	20	27	19
12	25	23	14	17	19	21	33	37	25	22	22	39	14
13	36	41	19	11	15	25	42	28	22	19	19	46	11
14	31	25	24	16	13	25	28	40	31	24	47	64	13
15	31	46	53	30	28	35	41	50	39	32	33	25	25
16	16	46	27	15	20	32	40	31	29	24	21	24	15
17	48	37	18	13	11	24	37	32	33	29	29	43	11
18	51	40	22	17	15	31	41	44	39	27	30	43	15
19	51	25	17	17	19	24	28	26	27	21	24	41	17
20	34	48	17	14	19	25	24	32	31	28	31	24	14
21	38	25	16	9	21	27	33	31	31	28	32	45	9
22	48	30	24	18	14	25	31	41	37	24	25	38	14
23	35	29	27	27	17	29	32	37	33	31	42	54	17
24	54	50	30	19	19	27	40	32	28	25	20	10	10
25	51	24	13	8	17	23	29	37	28	21	12	15	8
26	35	24	20	12	19	19	24	33	33	18	17	29	12
27	38	20	13	12	11	17	35	39	24	28	29	43	11
28	48	45	21	15	18	20	34	32	24	24	17	21	15
29	28	38	11	10	20	19	28	29	26	26	22	24	9
30	43	30	16	10	16	16	25	18	43	22	21	42	16
31	48	39	27	16	22	33	33	37	26	25	20	28	16
32	28	35	21	27	28	24	30	31	29	29	29	25	17
33	33	24	21	19	19	23	28	24	29	22	24	22	19
34	52	51	14	21	20	22	42	41	31	27	21	26	14
35	32	28	10	19	22	29	22	22	22	22	22	22	22
36	27	40	42	22	19	22	22	22	22	22	22	22	22

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

284

新 Ch'ang-ch'uan 京

Minimum degree of humidity

Average cloud density

Average wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1938	34	47	31	30	19	25	48	33	30	33	25	46	19
39	31	28	18	7	19	29	39	48	37	32	24	43	7
平均湿度	1909	1.7	2.9	3.3	3.7	5.8	5.9	7.0	5.9	3.4	5.0	5.0	2.9
10	2.7	2.1	4.1	4.8	4.9	5.4	8.9	8.8	3.8	4.5	3.4	2.6	4.4
11	3.8	2.5	4.7	5.9	4.7	6.1	7.3	6.8	3.1	4.0	4.8	2.0	4.7
12	2.1	3.7	4.5	5.9	6.1	5.3	5.9	6.0	3.5	3.9	3.4	1.7	4.3
13	2.4	3.2	2.4	4.3	4.3	6.7	6.0	4.0	4.1	2.5	2.5	3.1	3.8
14	2.6	2.7	4.0	3.9	5.3	5.9	6.9	5.7	5.0	3.3	4.9	2.2	4.4
15	3.4	3.6	5.4	6.5	6.0	6.8	7.6	7.6	4.9	4.8	4.1	3.1	5.3
16	2.5	4.0	3.5	5.6	7.3	6.4	6.6	5.7	4.2	3.5	3.0	3.4	4.8
17	3.0	3.1	4.4	6.7	6.0	6.0	8.0	6.1	4.6	4.5	3.4	5.3	5.1
18	2.1	3.1	4.9	5.6	6.3	6.6	7.4	6.2	5.7	3.3	3.6	1.8	4.8
19	2.8	3.5	4.6	5.8	5.9	5.8	6.2	4.2	4.0	5.8	4.2	2.7	4.5
20	4.2	3.7	3.7	4.6	6.0	6.6	6.6	4.2	4.0	5.8	4.2	2.7	4.5
21	2.2	2.9	3.9	5.8	5.4	6.0	6.4	5.8	6.0	4.5	3.9	3.0	4.7
22	1.1	3.5	3.5	4.9	6.4	6.3	6.8	6.0	4.9	3.5	3.2	2.2	4.3
23	1.9	3.4	4.2	5.4	6.1	6.2	6.7	6.3	4.9	4.1	4.5	2.5	4.7
24	3.0	3.0	4.0	7.4	6.3	5.5	7.6	4.9	3.0	2.7	4.7	3.3	4.6
25	1.5	3.3	4.4	4.4	6.0	5.8	6.6	5.6	2.5	3.9	3.5	3.5	4.5
26	2.3	3.9	4.6	5.4	5.9	5.7	5.6	6.7	5.5	4.1	3.7	3.2	4.7
27	2.9	3.3	3.8	4.8	6.1	5.7	7.1	4.8	3.9	4.9	2.9	3.0	4.4
28	4.5	3.7	4.7	4.5	6.4	6.6	6.5	6.8	3.9	4.2	4.3	1.7	4.8
29	1.8	3.2	5.0	4.8	6.4	6.0	6.7	6.3	4.3	3.1	2.3	3.5	4.5
30	1.6	2.9	4.0	6.6	6.7	6.6	6.7	7.1	5.0	2.8	4.6	2.2	4.9
31	3.4	3.3	4.0	5.5	6.3	6.9	4.9	4.9	4.8	3.4	2.7	2.2	4.4
32	2.0	2.9	4.6	3.8	6.5	6.1	6.3	6.1	5.9	4.9	3.0	3.8	5.0
33	1.9	3.3	3.5	4.8	6.6	6.7	5.9	5.9	3.8	4.2	3.9	3.8	4.5
34	2.1	2.7	4.6	4.9	5.8	7.6	8.0	6.6	5.9	3.4	3.3	2.2	4.8
35	2.4	2.8	4.0	5.0	5.8	7.0	6.8	5.5	3.9	4.8	3.2	2.1	4.4
36	2.5	2.6	4.5	5.7	7.1	6.3	6.3	4.7	5.8	3.3	5.0	1.6	4.6
37	2.4	2.6	5.0	4.8	5.4	5.8	5.6	6.7	4.2	3.7	3.1	3.1	4.3
38	2.9	2.4	3.1	5.5	7.0	5.9	7.3	6.7	6.7	4.0	3.1	3.5	4.8
39	3.6	2.3	5.0	4.8	6.1	7.8	7.1	6.5	6.1	4.1	4.2	2.8	5.0
平均風速	1909	4.5	6.4	6.9	5.9	5.3	5.0	4.1	2.7	4.4	4.6	6.7	4.6
10	4.6	4.7	5.7	6.9	6.2	4.9	4.1	3.5	3.2	3.8	5.2	4.6	4.4
11	4.1	5.3	4.9	5.3	6.0	3.8	3.8	2.9	4.1	4.1	4.6	4.8	4.4
12	4.3	4.7	5.6	7.3	6.0	4.2	3.2	3.3	4.1	5.0	5.5	4.3	4.8
13	3.9	4.9	4.9	6.7	5.6	3.7	3.4	3.4	3.8	3.6	5.4	4.1	4.5
14	5.0	3.3	6.7	6.4	7.0	4.9	3.9	3.2	3.4	4.3	5.2	4.7	4.9
15	4.0	5.2	4.7	5.2	4.7	4.0	4.3	3.4	4.3	4.7	5.4	5.0	4.7
16	4.2	3.7	5.3	5.8	5.7	6.7	2.9	2.5	3.7	4.1	4.8	4.4	4.3
17	3.9	3.0	4.9	3.8	4.5	3.9	2.7	2.9	4.9	4.6	3.5	4.2	4.1
18	3.9	4.3	4.7	5.4	4.8	4.4	2.8	2.3	3.3	4.1	3.9	3.9	4.0
19	4.3	4.8	5.3	5.3	5.1	3.5	2.5	2.9	2.2	3.9	4.1	3.3	3.9
20	3.1	2.9	4.3	4.9	3.2	3.3	3.0	2.4	2.2	3.0	3.6	3.4	3.3
21	3.7	3.0	4.2	5.7	4.0	2.2	2.0	1.8	1.7	2.7	2.9	3.4	3.2
22	2.7	3.7	4.1	3.6	4.1	3.2	2.1	1.5	1.9	2.7	2.2	2.7	3.0
23	3.2	2.8	3.9	4.3	2.8	3.4	2.0	1.8	2.2	3.1	3.5	3.7	3.1
24	2.7	3.4	3.2	5.0	3.3	2.0	2.7	1.5	1.9	2.2	3.4	2.9	2.9
25	1.8	2.7	2.6	4.0	3.2	2.1	2.0	1.2	2.0	2.2	3.0	2.9	2.2
26	3.1	3.9	3.4	4.0	4.1	3.5	2.1	2.2	1.9	2.7	2.7	3.2	3.1
27	2.8	2.8	3.3	3.8	3.4	2.9	2.0	1.7	2.1	3.3	2.2	2.9	2.8
28	2.7	3.2	3.3	3.4	3.2	2.5	2.4	1.2	1.2	2.4	3.0	2.2	2.2
29	2.2	2.6	3.5	3.4	3.0	2.9	2.2	2.0	2.2	2.1	2.2	3.1	2.2
30	3.3	4.3	4.1	4.1	4.3	2.2	1.9	1.6	1.8	1.8	2.2	2.7	2.2

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

165 RESTRICTED

RESTRICTED

新 Ch'ang-ch'un 京

Average wind velocity

Maximum wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1931	2.8	2.5	3.5	3.8	3.1	1.8	1.9	1.7	2.1	2.7	2.1	2.3	2.5
32	2.9	2.1	3.0	3.8	4.0	2.4	1.9	1.6	1.3	2.2	2.8	2.4	2.5
33	1.7	2.2	2.9	3.5	3.1	1.9	1.9	1.7	1.7	1.7	2.0	2.1	2.5
34	1.9	2.2	2.7	3.4	2.5	1.9	1.8	1.9	2.1	2.7	2.1	2.5	2.4
35	2.3	2.9	3.1	3.7	3.0	2.0	1.5	1.4	1.7	2.2	2.0	2.7	2.4
36	1.4	1.7	2.5	2.7	3.1	2.3	1.8	1.9	1.7	2.3	2.6	2.7	2.2
37	3.8	3.9	4.3	5.6	5.3	3.7	3.6	3.3	3.4	4.3	3.8	3.6	4.1
38	2.9	2.3	2.8	3.8	3.4	3.1	3.0	2.1	2.8	3.3	3.4	3.1	3.0
39	3.3	2.7	4.1	4.8	4.7	4.1	4.1	2.7	3.5	3.8	4.7	4.1	3.9
最大風速 1928	---	---	---	---	---	---	---	---	---	---	---	---	31.0
9	20.2	16.8	26.2	27.7	23.7	20.6	16.5	11.5	14.5	15.2	22.4	13.0	27.7
10	15.7	11.1	20.0	21.6	21.4	15.1	14.3	12.9	10.8	17.2	16.4	13.0	21.6
11	15.1	19.7	17.8	20.6	22.2	12.9	12.7	9.0	12.3	15.3	15.9	15.7	22.2
12	19.1	17.1	22.5	21.6	22.1	19.5	13.7	11.8	13.2	23.4	24.1	15.1	22.1
13	16.6	14.1	15.5	22.4	21.6	16.0	15.7	9.9	15.7	10.8	20.6	10.4	23.6
14	16.0	14.6	21.6	20.2	24.7	18.6	15.8	9.8	11.8	16.5	21.0	11.8	24.7
15	12.8	15.0	17.6	22.6	16.4	17.9	16.0	13.7	15.0	21.8	21.6	22.3	22.3
16	11.4	12.4	19.2	24.8	21.7	15.7	12.7	2.1	12.4	15.7	14.9	12.1	24.8
17	13.0	12.2	16.0	18.5	17.6	18.7	13.0	10.2	12.3	19.7	13.3	12.3	19.7
18	13.4	15.3	19.3	19.0	16.5	17.6	13.4	10.3	10.3	13.7	17.1	12.7	19.3
19	9.8	14.5	21.7	22.2	25.1	15.8	2.1	11.4	9.9	15.7	12.1	13.6	25.1
20	11.8	11.4	13.7	17.6	13.7	11.8	12.4	11.2	11.3	13.7	24.2	15.7	24.2
21	11.8	15.7	13.7	21.0	14.7	10.4	9.5	8.0	5.9	15.7	12.2	13.7	21.0
22	9.8	12.3	12.8	13.7	16.0	11.8	7.8	6.3	6.6	11.8	11.8	9.8	16.0
23	11.4	10.4	14.6	14.0	12.8	10.3	8.8	9.2	10.1	12.7	12.5	10.2	14.6
24	9.0	12.4	13.7	17.4	13.7	9.0	9.6	2.2	2.2	12.1	14.1	11.8	17.4
25	5.8	9.9	5.0	15.2	13.6	10.5	6.2	2.2	2.2	7.8	9.3	11.1	14.3
26	10.3	13.0	9.7	13.6	15.6	10.9	7.8	6.2	9.7	9.2	9.7	9.9	15.6
27	9.0	9.9	10.3	11.7	11.7	9.7	6.0	5.8	11.1	12.2	9.3	10.3	11.7
28	11.3	19.3	15.3	17.5	12.4	2.2	2.2	6.7	11.5	2.2	10.5	2.2	17.5
29	2.2	11.1	9.4	12.8	12.0	10.5	10.3	9.7	10.2	11.6	9.8	10.1	12.8
30	7.3	12.9	13.5	10.8	14.0	12.2	7.6	7.6	9.3	2.2	2.2	9.3	10.8
31	9.9	3.5	11.7	13.7	11.7	7.6	6.4	5.9	7.8	9.9	11.2	9.9	13.7
32	9.9	6.5	11.8	12.4	12.7	7.2	5.9	5.7	4.8	7.0	11.1	9.3	12.7
33	6.3	6.1	9.9	12.4	11.1	7.0	6.2	5.9	7.2	2.0	2.2	2.2	12.4
34	6.3	2.0	2.1	10.2	2.2	6.3	6.5	2.9	2.2	10.3	9.8	2.2	10.2
35	9.0	9.3	12.3	11.7	10.5	6.2	7.2	2.2	2.2	2.2	2.2	2.2	11.7
36	1.8	1.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
37	14.3	14.4	13.9	20.0	10.9	13.5	14.0	11.7	11.9	14.0	13.5	10.8	20.0
38	9.5	7.7	11.4	21.8	16.9	16.2	9.3	12.6	2.4	14.4	14.2	9.3	21.8
39	9.5	9.8	16.6	13.0	16.0	10.0	12.8	9.3	9.3	14.1	11.7	13.0	16.6
降水量 1909	1.6	6.9	9.0	14.5	31.0	111.1	222.1	112.5	22.4	30.2	44.8	4.8	972.5
10	7.5	3.2	47.9	14.0	22.2	102.5	222.0	103.9	31.4	32.2	13.0	2.5	741.3
11	13.6	4.8	29.8	71.1	72.8	171.2	192.2	194.1	33.3	27.1	22.7	2.2	222.2
12	11.0	10.9	2.9	11.2	22.2	22.2	102.9	112.4	22.2	22.2	2.2	2.2	112.4
13	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
14	1.0	10.3	23.4	4.5	22.2	110.2	164.5	112.2	122.2	12.2	12.2	7.6	222.2
15	17.0	11.5	2.2	22.2	22.2	122.2	122.2	122.2	122.2	122.2	122.2	2.2	122.2
16	11.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
17	1.9	1.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
18	1.9	1.7	9.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	2.2	22.2
19	2.7	2.1	6.5	12.5	24.7	102.2	122.1	22.2	22.2	22.2	22.2	2.2	122.2
20	7.2	2.7	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
21	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
22	6.5	7.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
23	11.2	2.1	22.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942 ()

166 RESTRICTED

RESTRICTED

新 Ch'ang-ch'un 京

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1944	7.3	4.4	8.1	2.8	15.3	34.4	117.8	157.0	21.9	35.4	13.8	18.7	460.8
25	0.4	5.7	26.0	40.3	45.3	57.8	146.3	156.4	47.4	31.1	4.0	4.6	585.3
26	13.6	16.0	18.9	9.7	14.0	87.7	167.3	127.9	53.9	85.5	10.6	12.4	537.5
27	1.1	0.1	25.9	8.6	45.9	75.7	905.9	86.5	48.7	85.4	4.9	11.8	809.5
28	18.8	16.0	6.7	33.8	22.7	101.0	162.1	116.1	48.9	100.7	17.9	1.6	646.3
29	7.7	2.7	1.1	8.0	87.1	62.9	73.5	170.9	38.2	16.6	0.1	10.0	478.9
30	1.0	3.1	10.0	15.8	86.6	73.8	171.9	288.6	22.6	25.7	21.4	3.1	732.6
31	15.1	3.0	9.3	29.1	56.4	107.9	65.9	114.6	44.1	30.6	2.7	10.0	536.3
32	3.4	3.9	10.1	29.9	103.1	107.7	241.7	39.4	32.6	45.1	15.5	1.4	815.0
33	1.0	20.9	11.7	26.7	48.0	186.0	173.6	78.8	24.6	64.3	11.1	7.8	654.5
34	0.3	0.7	29.5	26.7	85.1	194.5	234.7	97.5	50.0	26.6	1.0	4.6	751.2
35	3.5	0.1	6.6	15.3	32.0	178.0	183.4	155.1	31.5	20.5	7.7	3.8	889.5
36	4.1	2.0	11.2	28.8	48.2	311.8	190.7	121.5	61.4	37.2	95.1	0.5	901.3
37	1.4	0.6	15.1	51.9	21.9	74.7	49.7	297.9	98.5	53.7	1.8	6.3	669.5
38	2.0	2.5	9.2	21.4	77.2	57.2	237.7	70.9	61.7	71.7	5.1	4.0	646.8
39	4.1	1.4	0.7	28.3	19.7	81.6	124.2	247.6	90.4	14.6	6.0	1.4	620.0
40	2.3	0.6	2.4	19.4	...	92.7	119.1	100.8	11.4	14.4	38.9	5.8	...
降水日数 1900	1.6	4.0	4.7	6.7	17.5	38.5	47.6	35.0	22.1	18.7	23.9	2.7	47.6
10	2.6	2.4	21.3	4.8	22.4	25.9	50.3	40.0	17.2	10.0	2.9	2.3	50.5
11	5.9	3.4	7.4	11.1	19.1	40.5	44.0	71.6	24.1	12.8	2.6	0.2	71.6
12	0.6	0.6	5.4	3.3	27.1	32.2	31.5	48.2	6.5	27.5	1.4	1.3	48.2
13	4.8	3.5	14.6	16.2	24.7	28.6	84.6	10.2	8.0	8.1	5.2	4.3	84.6
14	0.9	6.4	21.8	3.6	22.8	35.9	52.2	60.0	40.0	10.8	18.5	3.5	60.0
15	6.1	2.9	1.4	15.3	18.5	26.3	34.2	50.3	79.1	16.8	8.8	2.1	79.1
16	7.0	2.0	4.7	7.2	25.6	24.6	11.6	30.4	17.7	4.8	3.6	1.3	30.4
17	0.5	0.8	1.3	2.6	7.4	22.1	72.0	55.1	20.0	11.9	1.3	18.1	72.0
18	0.8	0.3	3.8	4.4	34.6	80.1	32.5	34.6	37.1	16.9	11.5	0.1	80.1
19	1.6	0.8	6.2	10.7	10.8	39.8	88.4	44.1	12.3	9.5	4.4	0.8	88.4
20	2.9	7.6	2.9	8.2	7.4	12.7	35.3	27.4	20.1	31.0	1.5	1.7	35.3
21	2.8	1.2	0.9	7.5	12.2	32.1	52.9	13.6	27.2	0.4	2.7	5.9	52.9
22	3.0	5.7	0.4	4.9	15.4	27.2	77.9	86.0	38.8	11.6	8.2	0.9	86.0
23	5.4	0.9	11.2	1.8	21.4	27.7	48.1	107.9	15.3	19.7	8.2	7.4	107.9
24	2.3	2.8	4.1	2.9	12.2	11.9	22.1	54.7	10.5	18.2	2.9	7.0	54.7
25	0.4	2.8	8.1	18.7	17.0	19.5	31.2	10.5	16.1	1.1	1.9	2.0	31.2
26	5.9	5.9	3.4	4.1	6.2	25.6	64.5	34.7	13.6	20.0	0.9	4.7	64.5
27	1.1	0.1	14.3	3.2	8.5	19.8	53.9	28.5	18.2	20.2	2.3	2.4	53.9
28	6.1	9.9	3.5	13.5	10.0	19.3	51.8	18.8	17.9	35.8	5.2	0.6	51.8
29	2.1	0.8	0.9	4.1	18.2	29.1	15.2	59.2	11.1	8.7	0.1	3.6	59.2
30	0.6	2.1	6.1	14.8	24.9	13.2	92.2	95.2	12.5	14.1	10.1	1.5	92.2
31	5.1	1.5	5.4	11.2	10.7	28.6	12.0	35.4	16.2	3.2	1.9	5.0	35.4
32	2.1	2.3	4.5	9.2	40.2	20.0	46.9	11.7	7.9	14.4	12.0	1.0	46.9
33	0.6	9.3	11.3	14.0	17.9	73.4	71.5	26.1	13.1	23.8	3.5	4.4	73.4
34	0.2	0.7	14.1	16.0	26.7	38.7	55.1	20.2	12.3	11.4	0.9	2.8	55.1
35	1.7	0.1	5.3	13.7	15.1	47.8	64.8	42.2	27.0	22.2	2.2	2.8	64.8
36	3.0	0.6	2.7	16.9	11.8	86.1	54.6	31.6	12.7	1.8	60.4	0.3	86.1
37	0.2	1.6	8.8	24.0	8.2	18.4	12.2	81.6	22.3	1.2	1.2	2.8	81.6
38	1.2	1.4	5.1	12.1	23.5	19.8	97.0	43.5	19.9	35.7	1.4	3.4	97.0
39	...	0.8	0.7	14.8	6.7	26.1	33.1	78.4	23.2	5.7	3.5	0.5	78.4
日照時數 1900	220.2	229.1	217.2	222.4	242.4	260.2	216.2	229.2	223.2	184.2	224.2	128.2	2211.2
10	129.2	189.2	212.2	246.2	222.2	271.2	237.2	212.2	221.2	179.2	186.2	121.2	2111.2
11	182.2	225.2	222.2	218.2	222.2	222.2	212.2	224.2	222.2	182.2	182.2	121.2	2111.2
12	121.2	127.2	222.2	212.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
13	122.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
14	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
15	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

STAT

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

287

新 Ch'ang-ch'un 東

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1916	211.3	202.4	285.4	354.4	332.7	364.2	371.0	357.5	353.3	248.7	210.3	201.5	2893.5
17	227.4	218.3	270.0	313.4	242.1	325.8	320.6	241.8	253.7	210.5	202.6	185.6	2708.3
18	225.6	214.8	234.1	258.2	242.3	231.8	252.3	231.1	182.4	233.9	192.3	202.0	2708.3
19	202.8	183.4	233.0	205.1	260.8	246.5	318.7	303.0	205.4	159.1	186.3	182.8	2738.6
20	181.3	204.9	278.7	285.6	287.7	270.1	262.2	253.8	198.3	155.1	149.8	103.6	2778.5
21	220.7	212.0	270.2	237.9	205.6	298.5	232.4	237.5	172.9	197.4	174.0	177.5	2720.8
22	220.0	192.0	202.0	263.4	254.8	295.5	254.4	202.7	253.3	255.5	195.9	208.9	2909.1
23	227.7	198.4	250.7	254.3	202.6	238.0	274.4	212.9	261.9	231.8	165.6	197.8	2721.0
24	200.5	237.7	275.1	224.1	268.3	294.5	212.5	258.0	200.5	249.9	165.1	190.1	2879.3
25	234.0	238.5	252.8	267.5	208.3	296.5	228.5	263.7	234.8	258.7	197.2	179.7	2822.0
26	200.8	216.2	270.7	286.5	288.8	333.0	331.4	230.6	230.5	223.3	203.3	190.5	3004.7
27	191.9	233.3	259.4	280.9	254.6	300.5	238.5	219.4	254.0	192.0	194.7	193.4	2913.4
28	181.4	223.5	232.3	269.6	266.7	247.6	252.9	232.9	262.8	197.5	141.0	205.7	2720.6
29	214.6	182.7	288.8	242.9	246.6	273.6	275.1	218.7	244.7	237.5	196.8	124.9	2748.9
30	182.2	175.7	249.3	219.7	238.2	280.3	260.8	208.0	243.6	226.8	178.7	170.6	2639.6
31	176.9	216.3	270.9	227.1	259.6	235.5	314.9	264.9	223.3	254.9	204.7	202.4	2857.1
32	223.4	234.7	259.0	269.0	263.0	305.7	220.0	286.1	245.4	208.6	210.2	193.0	2918.0
33	222.2	207.0	284.6	285.3	246.0	254.0	282.0	272.4	282.8	239.1	189.7	167.6	2924.7
34	221.1	215.4	231.2	269.6	284.9	242.4	224.4	283.0	196.2	241.2	205.9	195.3	2811.6
35	196.8	216.9	278.0	280.8	220.1	227.5	200.0	214.0	260.0	207.1	189.7	218.9	2997.8
36	200.2	222.3	256.6	254.1	245.8	266.8	264.0	208.1	230.7	249.1	158.3	202.7	2858.9
37	216.8	221.6	266.8	237.3	272.1	272.0	285.6	194.3	251.6	197.0	206.2	179.0	2725.5
38	182.6	219.1	264.5	245.0	201.0	274.1	200.9	213.1	196.9	235.0	211.1	179.4	2823.2
39	178.0	214.5	256.8	269.9	286.7	179.3	227.3	225.0	192.7	244.1	192.1	187.9	2864.5
40	176.4	216.6	266.3	230.5	221.6	281.9	201.1	245.0	232.7	247.7	151.1		
日 照 率 1909	76	71	70	59	54	56	47	53	68	49	54	57	59
10	55	64	58	61	61	56	55	49	67	51	29	27	50
11	65	77	63	54	65	50	48	59	62	64	57	28	60
12	79	65	62	62	49	62	50	57	68	55	59	74	61
13	67	71	75	64	62	52	52	76	69	73	78	63	66
14	60	69	60	75	60	55	48	58	58	68	48	74	65
15	60	48	29	52	53	50	40	49	59	65	61	61	50
16	73	68	77	63	51	57	58	60	68	73	73	73	63
17	79	72	73	58	54	71	40	56	68	62	71	60	63
18	78	73	64	64	54	50	54	54	49	69	67	75	61
19	70	62	63	51	57	53	68	70	70	47	63	67	62
20	63	67	76	65	63	59	56	58	53	75	51	60	63
21	80	72	74	57	67	63	50	55	46	58	60	62	61
22	80	66	80	65	56	64	50	68	68	73	68	70	67
23	77	68	68	63	58	52	48	49	70	68	57	72	61
24	70	78	75	65	59	64	46	59	81	73	57	69	65
25	81	81	64	66	46	64	40	61	63	70	69	65	64
26	70	74	73	71	63	72	71	53	62	65	71	69	68
27	69	79	70	70	56	65	51	74	68	59	68	70	66
28	61	71	64	66	59	54	55	54	76	58	49	74	62
29	74	63	78	60	54	59	59	51	66	70	68	45	62
30	61	60	68	55	52	61	56	48	65	67	62	62	59
31	61	74	74	56	57	51	68	61	60	75	71	73	64
32	81	77	70	64	58	66	47	66	66	61	71	70	66
33	81	70	77	70	54	55	61	64	76	70	66	61	64
34	77	73	63	67	63	53	48	66	53	71	71	71	63
35	68	74	75	70	70	49	56	73	70	61	64	68	67
36	70	73	70	63	64	58	57	71	62	73	55	73	62
37	75	75	56	59	60	59	61	65	67	68	72	65	62
38	63	75	72	81	44	60	43	49	53	69	73	65	59
39	62	80	70	67	63	39	51	52	52	72	67	68	62
蒸 發 量 1911	29.8	43.3	67.5	82.5	221.2	120.2	120.2	140.2	112.0	42.2	42.2	42.2	1120.2
12	46.0	42.2	52.2	161.4	122.7	122.7	122.7	122.7	122.7	122.7	122.7	122.7	122.7

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

188 RESTRICTED

STAT

RESTRICTED

288

新 Chang-ch'un 家

Evaporative capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1913	26.8	31.0	69.8	105.5	244.5	162.0	139.4	179.8	144.5	100.0	69.6	29.0	1407
14	39.4	43.5	72.2	115.0	314.7	131.5	154.8	148.4	95.4	22.1	33.1	24.7	1414
15	17.7	14.7	21.8	30.5	156.5	129.4	151.1	110.3	111.2	89.3	39.3	27.5	981
16	19.8	18.6	42.7	100.3	168.1	171.0	155.5	159.3	127.8	90.3	47.1	20.0	1158
17	15.9	20.0	77.0	100.5	202.1	278.1	156.2	118.2	113.1	85.3	27.8	17.0	1295
18	18.8	27.1	68.3	139.4	107.5	148.0	147.1	107.2	91.0	81.8	38.2	19.5	1091
19	15.9	24.8	78.9	95.3	107.4	151.6	228.8	177.7	111.0	78.1	41.8	22.5	1207
20	21.9	27.2	92.4	148.0	203.1	174.8	214.7	178.5	125	82.2	20.0	21.0	1244
21	23.6	27.4	64.7	130.1	178.1	166.5	181.7	131.7	120.0	65.6	24.6	20.0	1040.0
22	16.5	31.0	91.4	135.0	158.1	207.7	133.6	140.8	90.2	90.5	30.7	21.1	1143.0
23	18.0	28.0	59.5	118.4	171.0	151.5	132.8	99.0	84.4	61.2	22.1	20.2	1081.0
24	19.1	22.8	44.5	95.5	129.4	170.0	119.3	113.0	111.8	87.7	35.9	24.4	1011.0
25	16.8	24.7	43.9	138.0	146.6	190.7	118.0	121.1	91.9	79.3	54.8	37.1	1051.0
26	21.5	32.8	57.7	139.5	235.8	221.1	184.2	132.6	107.4	88.7	48.5	21.3	1380.0
27	30.1	42.7	70.8	175.2	107.9	202.9	147.7	156.7	120.3	73.9	42.1	21.8	1553.0
28	15.4	25.2	66.1	128.8	216.2	181.4	178.9	142.3	147.9	94.3	41.0	21.2	1322.0
29	28.1	33.9	87.2	163.1	192.7	215.9	187	148.8	125.5	107.5	67.5	21.3	1377.0
30	19.1	33.1	85.5	171.4	211.3	196.0	202.9	145.8	127.1	89.3	30.4	21.3	1377.0
31	15.1	23.5	79.8	139.3	220.8	187.6	220.3	156.2	147.3	137.3	60.3	21.3	1394.0
32	22.8	31.6	70.5	152.1	213.2	222.5	137.9	129.3	113.8	72.2	45.8	22.0	1228.0
33	18.0	18.4	49.3	140.7	212.7	171.8	163.2	142.4	128.5	72.2	45.3	26.2	1199.7
34	22.1	48.3	66.3	130.8	192.6	145.6	134.4	122.2	100.5	80.1	59.4	33.7	1137.0
35	22.1	60.9	106.6	171.5	202.6	141.8	134.8	135.7	106.3	77.6	38.7	21.4	1334.3
36	19.8	27.8	89	144	204.4	177	111.2	124.8	72.3	32.7	22.9	22.8	1230.0
37	27.7	35.0	61.0	142.2	270.0	228.9	264.5	155.0	130.1	98.3	20.1	21.8	1530.0
38	25.9	38.5	119.9	200.6	182.6	208.2	181.1	150.7	110.9	107.0	62.5	23.3	1414.4
39	21.0	38.4	110.1	179.0	263.6	182.6	225.7	177.3	124.9	113.4	67.7	22.8	1379.0
40	22.8	55.2	135.6	197.5	—	183.7	233.9	142.0	149.7	141.4	41.1	24.3	—
1911	1.5	2.3	3.3	6.1	15.2	10.4	8.3	8.1	6.1	4.4	3.4	2.4	15.2
12	2.4	2.8	2.7	10.8	2.1	2.8	9.0	9.7	7.0	7.5	2.8	1.7	12.1
13	1.6	2.0	6.0	14.2	14.2	8.5	7.6	7.8	7.1	8.0	4.1	1.9	14.2
14	2.3	2.5	5.0	13.8	14.2	14.1	7.8	7.9	5.9	5.8	2.2	1.7	14.2
15	1.1	1.0	1.4	5.0	10.0	9.5	8.4	5.8	5.8	6.8	3.3	2.1	10.0
16	1.0	1.1	2.7	9.7	13.0	12.6	8.3	7.6	7.2	5.0	3.0	2.2	13.0
17	0.8	1.9	5.8	12.3	13.6	15.9	7.3	6.8	5.5	2.1	1.7	1.9	13.6
18	0.9	1.8	4.2	9.0	12.6	11.9	8.1	4.9	6.6	5.3	3.0	1.2	12.6
19	0.9	2.2	5.1	9.8	11.4	11.0	11.2	10.0	5.2	5.2	4.3	1.2	11.4
20	1.2	1.8	6.9	11.3	11.2	11.4	16.9	7.7	5.0	4.0	2.0	1.3	16.9
21	1.9	3.0	5.2	8.2	10.3	9.5	8.0	6.5	5.8	5.4	2.4	1.3	10.3
22	0.8	1.7	8.2	2.2	13.1	12.8	7.9	7.5	4.8	3.7	2.1	1.8	12.8
23	1.1	1.5	2.9	10.8	10.7	9.4	6.3	4.6	4.8	1.3	0.9	1.0	10.8
24	1.1	1.1	2.8	7.4	7.5	10.3	11.4	5.4	5.3	4.6	2.2	1.0	10.3
25	0.8	1.8	2.7	10.6	11.9	12.2	8.5	6.1	5.4	4.8	3.2	2.2	11.9
26	1.4	1.9	3.3	9.3	12.9	16.7	12.3	8.2	7.5	8.0	3.6	2.2	16.7
27	1.4	2.5	7.0	10.5	10.9	10.7	8.2	8.7	6.1	4.3	2.1	1.0	10.9
28	0.7	1.9	4.7	12.4	12.9	10.5	12.2	7.0	2.8	2.8	1.5	1.5	12.4
29	1.3	2.4	5.1	11.0	14.0	12.7	10.1	7.9	8.8	6.0	2.4	2.2	14.0
30	1.0	2.3	4.1	10.9	12.3	12.7	10.2	7.1	6.8	4.5	1.9	0.8	12.7
31	1.0	1.3	4.5	7.9	10.2	11.1	9.9	8.3	7.6	8.3	4.0	2.0	11.1
32	1.6	2.1	3.3	16.4	12.4	12.2	12.2	7.2	6.1	6.3	2.6	1.6	12.2
33	2.2	1.0	1.7	8.4	14.3	10.2	8.0	7.2	4.9	2.7	2.2	1.4	14.3
34	1.2	2.2	3.2	7.0	10.0	8.7	12.0	7.2	6.4	4.2	2.2	1.1	10.0
35	1.7	3.2	4.7	11.0	12.2	8.2	6.9	4.6	3.4	2.1	2.2	1.1	12.2
36	1.1	2.5	4.2	6.3	10.6	9.9	8.0	6.8	5.4	4.4	2.2	1.5	10.6
37	(64.0)	2.1	2.1	11.2	(17.3)	(14.5)	12.4	(6.0)	6.2	2.2	2.2	1.2	(17.3)
38	1.2	2.2	2.0	15.2	12.2	11.2	11.0	7.4	6.2	3.2	2.2	1.2	12.2
39	1.2	2.5	2.2	12.2	12.1	12.2	12.2	12.2	7.2	2.2	2.2	2.2	12.2

Maximum evaporative capacity per day

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

169

RESTRICTED

RESTRICTED

新 綏 遠 省 康 定 縣 氣 象 觀 測 站 氣 象 觀 測 資 料

Minimum
earth temp-
erature

Average
ground level
temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	-14.8	-28.5	-24.7	-19.6	-4.1	1.8	9.9	9.9	-2.0	-18.1	-26.8	-33.4	-24.8
10	-30.0	-35.7	-26.6	-10.4	-8.5	4.9	11.6	8.0	-1.4	-7.7	-23.3	-34.8	-20.7
11	-20.9	-34.3	-24.7	-9.8	-6.6	6.0	9.3	7.5	-0.5	-8.8	-18.2	-28.7	-20.7
12	-28.2	-30.7	-22.2	-12.0	-6.1	4.5	8.7	7.7	-6.9	-17.8	-25.1	-32.5	-22.5
13	-38.5	-34.0	-27.5	-12.0	-9.1	1.0	3.8	2.6	-2.0	-13.7	-27.2	-35.0	-25.5
14	-34.5	-34.5	-27.0	-13.6	-2.6	4.0	10.0	6.6	-1.4	-10.9	-28.0	-34.3	-26.6
15	-45.3	-44.0	-31.8	-10.9	-5.2	1.6	7.6	5.9	-2.8	-10.6	-20.8	-35.2	-25.9
16	-37.3	-29.7	-21.6	-16.1	-11.1	4.3	10.4	7.9	-7.9	-18.1	-27.1	-37.3	-27.3
17	-39.5	-38.5	-23.7	-14.9	-6.2	1.7	11.5	11.5	1.8	-10.6	-25.1	-38.5	-29.5
18	-37.4	-29.9	-20.0	-12.2	-4.1	4.4	12.3	8.7	0.8	-11.9	-21.7	-31.8	-27.4
19	-37.2	-26.5	-18.4	-12.8	-8.2	4.3	12.0	11.8	-1.5	-12.6	-29.9	-27.3	-27.2
20	-33.0	-20.7	-22.1	-6.9	1.3	0.6	8.4	9.3	-3.8	-10.3	-19.7	-30.0	-20.0
21	-33.0	-26.5	-21.5	-11.5	-5.5	3.0	8.5	1.2	-5.5	-12.2	-24.0	-32.0	-28.0
22	-40.0	-31.3	-22.0	-18.7	-8.0	-0.6	7.0	6.3	-3.5	-11.5	-20.0	-29.7	-20.0
23	-40.0	-33.0	-24.0	-12.3	-7.3	0.9	10.7	7.3	-4.2	-13.5	-29.0	-32.5	-20.0
24	-34.5	-23.5	-23.0	-12.7	-4.5	6.2	11.5	8.1	-2.1	-15.4	-21.1	-30.0	-24.5
25	-31.0	-29.3	-23.0	-12.5	0.3	3.7	9.5	9.0	-0.2	-11.8	-19.8	-34.2	-24.2
26	-34.3	-27.9	-17.0	-12.6	-1.2	0.8	6.3	9.5	-4.1	-12.3	-19.3	-34.2	-24.2
27	-33.0	-21.0	-24.3	-12.8	-1.3	2.0	13.0	6.0	-2.2	-8.7	-22.1	-35.6	-25.6
28	-38.0	-37.8	-29.1	-10.3	-8.0	-1.4	8.0	5.3	-8.0	-12.2	-20.8	-27.8	-28.0
29	-37.0	-34.1	-30.8	-12.4	-4.6	4.0	10.0	6.6	-4.9	-14.1	-20.0	-33.0	-27.0
30	-33.4	-31.4	-30.0	-13.3	-3.4	4.3	10.6	8.4	-4.4	-12.4	-23.8	-33.0	-23.4
31	-40.0	-38.5	-34.8	-14.0	-5.0	4.7	7.7	2.8	-2.9	-11.0	-29.1	-29.6	-20.9
32	-25.8	-24.4	-22.3	-9.6	-7.7	6.8	11.6	6.2	0.2	-7.8	-22.4	-24.7	-25.8
33	-29.7	-28.8	-22.2	-9.0	-4.1	7.8	6.2	8.0	-6.3	-12.4	-25.6	-29.2	-29.7
34	-34.8	-29.4	-27.4	-14.1	-7.7	3.0	5.2	2.0	-0.8	-9.3	-21.4	-23.9	-24.8
35	-28.8	-24.6	-16.1	-10.5	-2.6	4.0	10.7	4.3	-1.6	-7.2	-23.0	-29.2	-22.2
36	-33.4	-23.6	-22.8	-8.4	-1.3	5.4	9.2	1.0	1.8	-12.7	-22.6	-26.1	-23.6
37	-29.1	-30.3	-23.0	-12.1	-2.4	0.4	10.5	2.8	-1.6	-8.5	-21.9	-23.8	-20.3
38	-	-35.2	-17.8	-16.0	-2.9	8.0	15.1	7.6	-2.3	-11.5	-21.6	-	-
39	-35.0	-35.2	-17.8	-16.0	-2.9	8.6	15.1	7.6	-2.3	-11.5	-21.6	-27.7	-35.2
40	-26.9	-21.0	-11.0	-2.6	-	5.4	12.6	8.3	-4.4	-14.3	-9.3	-20.1	-
平均	-14.7	-10.3	-4.1	6.5	12.6	21.7	26.4	26.0	18.1	6.6	-1.0	-12.9	6.9
1909	-24.8	-21.5	-3.1	7.7	17.6	21.0	26.1	23.8	11.1	7.8	-3.0	-13.5	6.1
11	-14.2	-9.9	-1.1	6.8	15.3	22.0	23.8	22.9	18.1	7.3	-0.5	-10.6	6.7
12	-11.9	-6.7	-1.3	7.5	13.9	22.1	25.6	24.3	15.8	4.7	-5.4	-12.1	6.3
13	-15.1	-10.0	-1.7	7.1	20.3	23.4	25.0	17.2	7.7	-2.1	-9.1	-6.1	6.7
14	-2.6	-6.7	-0.1	8.8	19.1	23.0	24.6	24.5	16.9	9.3	-2.2	-6.4	8.2
15	-14.1	-10.7	-3.4	4.1	15.8	20.2	23.0	23.4	16.1	7.9	-0.9	-7.2	6.1
16	-10.6	-2.3	-2.8	5.7	15.1	20.8	22.8	27.0	17.3	8.8	-1.3	-10.7	7.2
17	-12.6	-10.4	0.0	2.4	16.5	22.2	25.1	26.5	17.5	8.9	-2.7	-11.2	7.4
18	-14.5	-7.0	1.0	9.0	22.7	21.0	25.0	25.1	17.5	8.4	-2.1	-10.7	7.4
19	-15.0	-7.7	0.6	6.6	25.0	22.1	31.5	26.8	12.2	2.2	-1.7	-11.1	7.8
20	-12.1	-11.3	2.8	12.0	25.0	24.4	28.7	27.9	16.2	2.2	-2.7	-10.6	8.0
21	-11.3	-7.8	6.8	11.0	19.8	23.7	26.2	24.7	12.8	2.2	-1.1	-8.4	8.2
22	-11.4	-2.4	-0.3	10.4	18.9	25.1	25.1	25.1	12.6	9.2	-4.1	-9.9	7.9
23	-12.7	-2.6	0.0	6.4	16.1	21.4	24.2	24.4	16.4	7.1	-2.4	-7.1	7.0
24	-12.0	-10.0	-1.8	6.4	12.6	24.9	23.4	23.2	12.3	4.4	-2.9	-7.2	6.9
25	-11.2	-10.1	-2.7	7.6	14.3	21.3	22.8	22.7	12.1	7.2	-2.2	-7.2	6.3
26	-11.4	-8.2	-1.0	1.9	11.3	22.5	22.4	22.4	12.7	2.2	-2.9	-2.1	7.2
27	-12.7	-11.4	-1.2	10.2	12.4	21.2	24.0	21.9	17.9	6.6	-2.9	-10.6	6.4
28	-12.8	-2.4	-1.0	6.8	22.6	27.0	22.9	24.2	17.8	4.4	-1.3	-2.8	6.4
29	-11.7	-10.2	-2.1	2.6	12.2	21.4	22.2	22.2	12.7	6.2	-2.2	-2.2	6.2
30	-12.2	-2.1	1.8	8.2	14.9	21.1	22.1	22.1	12.7	2.2	-2.2	-2.2	6.2
31	-12.7	-12.0	-1.4	2.1	12.1	20.4	22.7	22.7	12.7	7.6	-1.4	-2.4	6.1
32	-10.0	-11.1	-2.2	2.2	12.1	22.2	22.2	22.2	12.2	7.2	-1.7	-2.7	6.2
33	-12.2	-12.0	-2.2	2.2	12.2	22.2	22.2	22.2	12.2	7.2	-1.7	-2.7	6.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

RESTRICTED

990

RESTRICTED

新 Ch'ang-ch'un 京

Average ground level temperature

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1934	-14.8	-8.6	-3.8	3.7	10.9	22.2	24.8	23.4	16.5	5.9	-2.8	-8.7	6.4
35	-14.2	-7.5	0.9	10.0	18.3	21.1	25.1	25.1	17.7	9.7	-3.4	-12.9	7.7
36	-15.4	-12.3	-2.1	7.9	15.9	21.8	24.3	23.8	17.6	7.3	-1.4	-9.2	6.4
37	-14.2	-11.6	-4.9	6.0	14.9	21.9	26.7	23.5	15.4	7.9	-2.6	-15.7	5.7
38	-17.1	-11.1	2.0	8.8	14.3	22.3	24.8	24.3	16.1	10.3	-2.5	-13.7	6.5
39	-16.5	-11.1	0.3	9.6	17.3	21.1	27.1	26.3	16.5	8.5	-0.9	-8.2	7.5
40	-16.1	-10.5	1.1	7.5	—	20.4	26.6	22.7	17.9	9.3	-1.0	-8.9	—
地中温度 (2m)	-11.6	-7.4	-2.2	3.8	11.3	19.7	23.8	22.4	14.0	5.5	-3.8	-11.0	5.4
13	-13.5	-10.2	-3.7	2.9	14.2	19.8	22.6	23.7	16.3	9.3	-1.5	-7.6	6.3
14	-9.1	-7.6	-0.6	2.6	10.6	21.6	23.7	23.7	16.6	8.7	-1.4	-6.6	7.4
15	-13.8	-11.5	-4.5	2.1	10.3	17.2	22.6	22.1	15.1	7.7	0.0	-6.7	5.1
16	-9.5	-7.9	-3.8	3.7	12.9	19.0	24.5	24.4	16.9	9.2	0.2	-7.7	6.9
17	-13.7	-9.0	-1.1	6.7	13.2	23.0	24.3	23.4	17.4	9.6	-1.1	-8.4	7.0
18	-12.4	-6.8	-0.2	7.2	13.9	18.3	23.7	23.1	17.0	8.4	-1.0	-10.0	6.8
19	-13.0	-8.8	-0.9	3.4	11.7	19.4	27.3	24.8	16.6	8.5	-0.7	-9.9	6.5
20	-11.3	-11.2	-2.4	2.4	17.6	20.1	25.4	23.5	15.8	8.5	0.3	-9.6	7.3
21	-11.8	-8.9	-1.0	6.5	15.2	20.7	22.9	23.3	15.8	7.6	-1.6	-7.8	6.7
22	-12.1	-6.4	-2.1	4.2	11.5	19.0	24.0	22.3	15.4	7.8	-1.8	-8.5	5.9
23	-10.7	-9.6	-3.1	2.4	10.8	17.3	22.3	22.7	15.6	6.7	-0.5	-6.1	5.7
24	-10.1	-9.8	-1.4	3.3	11.8	20.2	24.1	22.0	15.6	6.5	-0.7	-6.1	6.2
25	-9.5	-9.7	-3.8	4.4	12.5	20.3	23.1	21.8	15.6	7.1	0.5	-7.6	6.3
26	-10.2	-8.0	-1.3	3.3	14.4	19.9	24.4	23.2	16.0	5.9	-0.9	-7.3	6.7
27	-11.1	-10.8	-6.4	5.8	10.5	18.6	23.3	21.2	15.9	7.5	-0.1	-7.5	5.6
28	-9.6	-9.0	-2.4	4.8	12.0	19.2	22.8	22.9	16.5	6.0	-1.6	-10.7	5.0
29	-12.8	-11.5	-3.1	3.6	11.4	19.7	22.8	21.5	13.9	5.7	-2.5	-8.2	5.0
30	-12.9	-9.5	-1.3	5.3	13.6	19.4	24.0	24.2	17.2	7.9	-2.5	-9.6	6.1
31	-13.4	-12.3	-2.7	2.9	12.2	18.9	23.4	22.9	17.0	7.1	-0.5	-9.6	5.5
32	-10.5	-10.5	-2.9	6.3	15.3	23.0	26.0	24.6	16.4	7.0	-1.4	-7.8	7.5
33	-15.0	-13.5	-6.3	4.2	13.1	18.8	24.5	22.5	17.0	7.1	-1.3	-8.5	5.3
34	-15.1	-9.7	-2.8	2.8	14.0	20.0	23.8	22.0	15.7	6.1	-0.9	-6.7	5.6
35	-10.2	-8.5	0.2	6.8	14.8	19.4	24.2	24.2	17.9	10.9	-0.9	-10.3	7.5
36	-14.2	-11.1	-3.2	5.7	13.5	20.0	23.7	23.3	18.4	8.7	0.0	-7.6	6.4
37	-12.4	-10.6	-4.6	3.1	11.6	18.8	24.1	22.7	16.6	8.3	-0.5	-10.4	5.6
38	-13.7	-10.4	-0.8	6.2	11.9	19.7	23.4	23.0	15.5	9.3	-0.9	-9.7	6.1
39	-12.5	-10.1	-1.2	6.4	14.0	19.0	24.5	24.5	15.9	8.4	0.7	-3.5	7.0
40	-12.5	-9.2	-1.2	5.4	—	18.5	24.5	17.8	13.7	6.2	-0.9	-10.9	—
地中温度 (2m)	-10.0	-7.0	-1.8	2.9	9.5	17.5	22.1	21.6	14.4	6.6	-2.0	-8.8	5.4
13	-12.0	-9.4	-3.8	4.2	11.6	18.3	22.4	22.5	15.7	8.2	0.4	-6.0	5.8
14	-8.0	-6.8	-0.5	4.9	14.3	19.1	22.0	22.4	16.5	9.1	0.4	-7.9	7.1
15	-11.1	-10.7	-4.3	1.4	8.8	15.1	21.6	21.8	15.3	8.2	1.3	-2.1	5.2
16	-8.5	-7.2	-3.5	2.4	11.7	15.1	20.5	24.5	17.0	9.2	1.5	-6.2	6.2
17	-12.4	-8.7	-1.8	5.1	11.6	21.0	23.4	22.8	17.4	10.2	0.0	-6.8	6.2
18	-11.1	-6.4	-0.9	5.7	12.7	17.4	22.6	22.4	16.8	9.1	0.0	-7.7	6.9
19	-11.6	-8.3	-0.9	2.3	9.8	17.3	21.8	23.0	17.1	9.5	1.0	-7.2	6.1
20	-10.0	-9.8	-0.9	6.4	15.6	18.0	23.9	22.6	15.9	8.4	1.2	-2.4	7.2
21	-11.0	-8.1	-2.2	5.3	13.7	19.1	21.7	22.5	16.3	8.3	0.0	-5.3	6.7
22	-12.6	-4.2	-2.1	4.4	11.1	18.3	21.7	22.6	16.1	7.0	-0.1	-7.1	6.4
23	-10.2	-8.2	-2.3	2.9	11.1	17.2	21.2	22.4	16.4	8.4	0.7	-4.2	6.2
24	-10.4	-9.7	-3.1	2.7	11.8	18.1	22.0	21.6	17.1	8.7	1.7	-2.7	6.5
25	-12.2	-7.2	-3.5	2.1	10.0	18.1	22.0	21.4	15.4	9.3	1.2	-4.2	6.2
26	-8.2	-6.9	-1.2	2.2	12.4	18.4	22.5	22.4	17.1	7.3	0.7	-5.2	6.7
27	-9.8	-10.1	-3.0	4.0	9.5	17.5	22.2	21.0	14.2	8.7	1.2	-4.2	5.9
28	-4.9	-2.5	-2.2	3.3	10.0	17.2	21.2	22.4	17.2	7.7	0.3	-2.3	6.0
29	-11.4	-10.3	-3.0	2.9	9.9	18.0	21.9	21.4	14.2	7.3	-0.4	-2.1	5.2
30	-10.7	-8.2	-1.2	4.4	12.1	18.1	22.9	22.2	15.3	8.2	-0.3	-2.3	5.2
31	-11.5	-11.1	-2.2	2.3	10.4	17.4	22.1	22.4	17.2	8.2	1.7	-7.2	5.9
32	-10.5	-10.9	-2.2	3.3	11.8	20.3	23.1	22.0	16.7	6.7	-1.7	-6.0	5.2
33	-12.1	-11.2	-2.3	2.2	11.4	18.0	22.5	22.3	17.3	8.2	0.0	-6.9	5.7

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

177 RESTRICTED

RESTRICTED

291

新 Ch'ang-ch'un 東

Underground temperature

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1934	-13.4	-9.0	-3.4	1.6	11.9	18.1	22.0	21.5	15.8	7.3	0.7	-5.8	5.7
35	-9.1	-6.5	-0.6	5.1	15.0	18.3	22.7	23.4	17.4	10.9	0.4	-3.9	7.8
36	-12.1	-10.5	-3.9	3.4	11.4	15.3	22.7	22.4	17.9	8.1	0.8	-1.9	6.0
37	-10.6	-9.8	-4.4	1.7	9.9	17.4	22.8	22.3	16.9	9.1	1.1	-2.3	5.7
38	-12.3	-9.7	-1.5	4.7	10.5	18.3	22.4	22.7	16.0	10.0	0.6	-2.3	6.1
39	-12.5	-9.8	-1.4	4.9	12.6	18.2	23.9	24.1	16.4	9.2	1.4	-2.3	6.8
40	-11.7	-8.9	-1.7	4.3	11.7	17.8	23.8	20.8	17.4	10.0	1.6	-2.1	6.2
地中温度 1912	-9.1	-6.3	-1.7	2.1	8.8	16.9	21.6	21.6	15.2	7.6	-0.5	-7.6	5.7
13	-11.0	-8.6	-3.6	3.4	10.9	16.3	20.0	22.5	16.4	9.9	1.7	-2.3	6.1
14	-6.4	-5.6	-0.5	4.3	12.6	18.5	21.8	22.5	17.0	10.1	1.5	-2.0	7.6
15	-10.6	-10.0	-3.9	1.1	8.1	14.4	21.0	21.7	15.0	9.9	2.4	-3.5	5.6
16	-7.3	-6.7	-3.5	1.4	9.9	16.2	21.8	23.8	17.2	10.4	2.6	-4.5	6.8
17	-10.7	-8.0	-1.8	4.5	10.8	19.9	22.4	22.1	17.5	10.8	1.2	-5.5	6.9
18	-10.3	-6.1	-1.1	4.5	11.5	16.9	22.3	22.5	17.1	9.9	1.4	-2.3	6.8
19	-11.0	-8.2	-1.3	1.5	8.6	16.2	24.4	23.3	17.3	10.7	1.5	-6.8	6.6
20	-9.8	-9.6	-1.9	5.5	14.0	17.7	22.4	21.6	15.5	9.3	1.6	-6.7	6.3
21	-10.9	-8.4	-3.0	3.7	12.0	17.5	22.3	21.2	15.8	8.1	1.0	-6.3	6.1
22	-8.4	-5.1	-2.7	2.3	9.0	16.8	21.2	22.2	16.6	9.7	0.8	-4.9	6.3
23	-10.5	-8.6	-3.3	1.7	9.5	15.6	20.0	21.3	16.9	8.3	0.7	-5.8	5.4
24	-10.0	-9.3	-3.9	1.9	9.4	17.6	20.9	21.0	16.3	7.9	0.2	-4.4	5.6
25	-8.2	-5.8	-4.5	1.6	9.7	17.4	20.7	20.2	15.0	8.5	1.0	-5.4	5.7
26	-9.1	-8.0	-3.0	0.6	11.4	17.3	21.0	20.7	16.1	7.0	0.2	-2.6	5.7
27	-10.3	-10.1	-4.0	2.8	7.8	15.6	20.3	19.5	15.3	8.3	0.9	-6.4	5.0
28	-9.9	-9.4	-3.7	2.0	9.0	16.3	20.1	21.0	16.3	7.3	-0.1	-9.9	4.9
29	-11.9	-11.1	-4.4	1.3	8.2	16.3	20.3	21.8	16.3	7.3	-0.4	-2.4	4.7
30	-10.1	-8.7	-2.7	2.5	10.3	16.5	21.2	21.1	17.0	9.6	0.0	-6.9	5.8
31	-11.5	-11.1	-3.4	0.8	8.7	15.8	20.7	21.2	17.2	9.2	2.1	-6.1	5.3
32	-8.7	-9.2	-3.0	2.9	10.7	19.1	22.3	22.0	17.6	8.6	-0.2	-6.5	6.3
33	-10.0	-9.6	-4.5	3.4	10.9	17.6	21.4	22.7	18.6	10.2	1.9	-4.6	6.7
34	-10.8	-7.1	-2.7	1.5	11.3	17.7	22.1	21.9	17.2	9.3	2.6	-3.1	6.7
35	-7.4	-5.7	-0.5	4.0	11.9	17.5	21.8	23.1	17.8	11.9	2.3	-6.9	7.5
36	-11.5	-9.8	-3.6	2.4	10.1	17.2	21.8	21.9	18.0	9.7	2.3	-4.1	6.2
37	-8.8	-8.7	-4.0	0.5	8.3	16.0	21.5	21.9	17.3	9.9	2.5	-6.4	5.8
38	-10.8	-9.0	-1.9	3.3	9.2	17.1	21.5	22.2	16.4	10.8	2.2	-6.2	5.2
39	-11.0	-9.1	-1.5	3.3	11.0	17.0	21.4	21.5	17.0	10.3	3.0	-3.5	6.9
40	-9.8	-8.1	-2.0	2.7	11.0	16.2	22.6	22.6	17.6	10.9	3.1	-3.9	6.1
地中温度 1909	-6.2	-5.8	-3.5	0.8	8.3	15.4	21.0	22.2	17.5	10.0	3.7	-2.0	6.8
10	-4.4	-7.2	-2.7	1.3	10.0	16.9	21.9	21.9	16.5	11.3	3.4	-4.9	6.8
11	-8.1	-7.4	-1.9	0.6	8.3	15.8	19.5	20.0	18.0	10.9	2.1	-2.4	6.5
12	-6.5	-5.1	-1.4	0.8	7.8	15.3	20.0	20.6	15.5	9.0	1.3	-4.4	6.0
13	-8.6	-7.1	-3.4	1.8	8.9	14.4	18.6	21.4	16.5	10.9	3.4	-2.1	6.2
14	-4.4	-4.4	-0.7	2.8	11.8	17.0	20.2	21.3	17.3	11.5	3.5	-2.4	7.8
15	-6.7	-8.5	-3.8	0.1	6.1	13.5	19.3	20.8	18.2	10.8	3.7	-1.1	5.9
16	-1.2	-1.5	-3.3	0.2	7.5	14.1	19.7	22.4	17.3	11.2	3.8	-1.8	6.7
17	-2.3	-2.7	-1.8	2.8	9.1	17.6	21.0	21.3	17.7	11.9	3.1	-2.5	7.1
18	-7.4	-6.9	-1.2	2.6	9.8	15.8	21.3	22.0	17.8	11.5	3.5	-2.7	7.3
19	-7.6	-6.1	-1.1	0.8	7.0	14.8	21.1	23.0	17.6	11.8	4.4	-2.5	7.1
20	-6.0	-6.3	-1.5	4.4	12.7	17.2	21.6	21.7	17.0	11.5	4.4	-2.1	7.9
21	-7.0	-1.5	-1.8	3.0	11.3	16.9	20.2	21.4	17.4	10.5	3.9	-1.8	7.3
22	-2.0	-4.4	-1.8	2.1	8.7	15.8	19.9	22.0	17.7	11.9	3.9	-2.5	7.1
23	-4.4	-2.4	-2.0	1.3	8.3	14.8	19.7	21.8	17.8	10.7	3.9	-1.3	6.9
24	-2.3	-7.3	-2.2	0.8	8.3	14.6	20.3	21.2	17.8	10.7	3.6	-1.1	6.2
25	-9.8	-2.8	-2.2	1.4	9.1	16.7	19.9	20.8	17.2	12.0	4.4	-1.8	7.2
26	-1.1	-1.2	-1.2	-1.2	10.0	16.2	20.2	21.2	17.0	10.1	2.5	-2.1	7.3
27	-4.0	-2.7	-2.7	2.1	7.4	14.8	19.8	20.1	18.8	11.3	4.9	-1.2	6.7
28	-2.7	-2.5	-1.2	1.6	8.1	15.5	19.8	21.2	18.1	10.8	3.8	-2.5	6.9

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

299

新 Ch'ang-ch'un 寨

Underground temperature

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1919	-7.0	-7.7	-8.0	1.0	7.1	15.4	20.8	21.8	18.2	8.8	8.1	-8.4	6.1	
20	-6.7	-6.0	-1.1	3.0	10.7	17.9	21.8	22.8	18.7	11.8	10	-9.9	7.6	
21	-7.7	-7.7	-1.8	1.8	8.5	18.1	21.1	22.8	18.8	12.7	8.8	-8.5	7.0	
22	-5.1	-5.9	-8.0	1.8	9.3	17.5	21.1	21.8	18.7	11.4	10	-1.5	7.6	
23	-7.8	-8.1	-4.3	2.3	9.4	16.5	22.0	22.3	18.7	11.2	14	-2.3	6.9	
24	-8.2	-5.8	-2.3	0.8	9.5	16.3	21.2	21.3	17.4	10.5	10	-1.2	7.0	
25	-5.3	-4.7	-0.4	2.8	10.4	16.4	20.4	22.4	18.0	12.6	4.8	-3.9	7.7	
26	-9.1	-8.3	-3.4	1.1	8.0	15.3	20.4	21.8	18.2	11.0	6.0	-1.7	6.4	
27	-6.4	-7.2	-3.6	0.0	6.4	14.1	20.0	21.1	17.3	10.8	4.3	-3.5	6.1	
28	-8.6	-7.4	-1.9	1.6	7.8	15.4	20.3	21.5	16.9	11.4	4.7	-3.7	6.3	
29	-9.0	-8.3	-1.7	1.6	8.3	14.8	20.3	22.3	17.3	11.1	4.3	-1.3	6.6	
30	-7.0	-7.1	-2.2	1.1	---	14.3	20.9	19.8	17.4	11.4	4.4	-2.6	---	
地中温度 (1.0m)	1909	-0.5	-2.1	-2.1	-0.6	2.3	9.6	15.5	18.7	16.6	12.1	6.7	2.4	6.5
10	-0.4	-2.3	-0.5	-0.3	3.4	12.2	18.8	18.4	16.3	12.5	7.3	1.9	6.6	
11	-1.8	-3.0	-1.3	-0.4	1.9	10.2	15.4	16.9	16.5	12.7	7.3	2.7	6.4	
12	-1.0	-2.3	-0.9	-0.3	2.2	10.3	15.1	17.0	15.1	11.1	5.3	1.2	6.0	
13	-2.8	-3.5	-2.3	-0.3	2.5	8.9	14.0	17.2	15.5	12.4	7.0	2.4	5.9	
14	-0.1	-1.3	-0.4	0.1	6.3	12.0	15.6	17.7	16.3	12.5	7.2	2.5	7.4	
15	-1.3	-3.0	-2.2	-0.7	0.7	8.0	14.5	17.2	15.6	12.3	7.0	3.0	5.8	
16	-0.1	-1.6	-0.4	0.1	1.3	8.7	14.0	17.6	16.1	12.3	7.0	2.7	6.2	
17	-1.7	-3.1	-1.4	-0.2	3.3	11.0	15.9	17.7	16.7	13.1	7.0	3.5	6.8	
18	-1.3	-2.0	-0.8	-0.1	4.6	11.3	16.9	18.8	16.9	13.1	7.4	2.7	7.3	
19	-1.2	-2.9	-0.9	-0.2	1.4	8.9	15.0	18.7	16.9	13.1	7.9	2.8	6.7	
20	-0.9	-2.4	-1.2	0.2	6.5	12.1	15.7	17.7	16.0	12.4	7.7	2.8	7.2	
21	-1.7	-2.4	-1.2	0.0	5.4	11.5	15.2	17.4	16.4	11.9	6.8	2.4	6.8	
22	-2.0	-2.5	-1.1	-0.2	1.0	9.9	14.6	18.2	16.7	12.8	7.9	3.7	6.7	
23	-0.5	-1.9	-1.3	-0.1	2.4	9.5	14.5	18.3	17.0	12.7	7.5	3.2	6.8	
24	-0.3	-1.6	-2.1	0.4	3.6	5.7	16.0	17.9	16.7	12.3	6.3	2.3	6.5	
25	-2.6	-2.3	-1.7	-0.3	3.3	11.9	16.1	17.6	16.7	12.4	7.4	2.8	6.9	
26	-1.0	-2.2	-0.8	-0.2	4.8	12.2	15.7	18.3	16.9	12.1	6.5	2.0	7.0	
27	-1.5	-3.0	-2.0	-0.3	3.0	9.8	15.0	17.2	15.7	12.4	7.2	2.9	6.3	
28	-1.3	-4.7	-1.1	1.2	3.7	9.5	15.5	17.7	16.8	12.2	6.8	2.3	6.5	
29	-5.4	-3.3	-1.7	-0.4	1.7	9.7	15.2	18.0	15.6	11.5	5.6	1.8	5.7	
30	-1.7	-2.8	-1.0	0.1	5.7	13.0	17.6	18.8	18.2	13.5	6.9	1.5	7.6	
31	-2.7	-4.7	-1.7	0.1	3.7	11.2	15.2	18.5	17.2	13.1	7.7	2.2	6.7	
32	-1.0	-2.4	-1.5	-0.1	4.5	12.2	17.2	18.9	17.2	12.8	6.8	2.3	7.3	
33	-1.8	-4.4	-3.1	-0.2	3.4	11.0	17.4	18.8	17.3	12.6	6.6	2.0	6.6	
34	-2.4	-3.2	-1.7	-0.4	3.3	11.1	17.1	18.4	16.6	12.1	6.7	2.4	6.7	
35	-0.8	-2.3	-0.6	0.0	5.7	12.2	16.1	18.1	17.2	13.3	7.5	1.6	7.4	
36	-3.3	-4.8	-2.8	-0.4	2.0	10.0	16.0	18.0	16.9	12.2	6.9	2.3	6.1	
37	-2.0	-6.3	-2.6	-0.9	1.2	8.6	15.0	18.1	16.4	12.2	7.2	1.7	5.9	
38	-3.4	-4.9	-2.0	-0.4	2.0	10.0	15.2	18.5	16.4	12.6	7.1	1.6	6.1	
39	-3.5	-5.2	-1.7	-0.4	2.7	10.3	15.7	18.9	17.2	12.9	7.2	2.3	6.4	
40	-1.4	-3.9	-1.7	-0.2	---	10.0	16.3	17.5	16.3	12.9	7.6	2.2	---	
地中温度 (3.0m)	1909	3.7	1.9	1.0	0.8	0.9	4.3	8.8	12.3	12.0	9.3	6.5	6.2	
10	4.2	2.6	1.7	1.5	2.2	2.2	10.2	13.1	13.4	12.2	8.8	7.0	7.1	
11	3.9	2.1	2.3	1.0	1.6	2.6	8.1	12.4	12.2	12.2	9.5	6.2	6.2	
12	4.1	2.2	1.4	1.3	2.3	3.4	8.9	11.3	12.3	11.7	8.2	5.7	6.2	
13	3.1	1.5	0.8	0.6	0.8	2.4	8.5	11.2	12.5	11.7	9.4	6.2	5.9	
14	4.2	2.7	1.9	1.7	3.1	2.2	8.2	12.3	12.4	12.1	10.1	7.1	7.1	
15	4.2	2.5	1.2	1.0	1.1	3.3	8.0	11.4	12.2	11.9	9.5	6.2	6.2	
16	4.2	2.5	1.2	1.0	1.1	3.3	8.0	11.4	12.2	11.9	9.5	6.2	6.2	
17	2.7	1.7	1.1	0.9	1.3	2.0	9.4	12.2	12.9	12.7	10.0	6.2	6.2	
18	4.1	2.2	1.7	1.6	2.7	2.6	11.4	14.5	14.4	12.4	10.2	7.4	7.4	

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

173 RESTRICTED

RESTRICTED

908

新 Ch'ang-ch'un 東

Underground temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	4.6	4.4	4.6	4.5	4.5	4.3	4.0	3.8	3.8	3.8	3.8	3.8	3.8
20	4.3	4.2	4.1	4.1	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.8
21	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
22	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
23	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
24	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
25	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
26	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
27	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
28	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
29	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
30	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
31	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
32	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
33	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
34	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
35	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
36	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
37	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
38	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
39	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
40	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
地中温度 (30m) 1909	5.9	4.5	3.4	2.7	2.3	3.0	5.5	8.2	10.0	10.3	9.4	7.9	6.1
10	6.3	5.1	4.0	3.4	3.3	4.7	7.0	9.4	10.7	10.7	9.9	8.3	6.9
11	6.5	4.9	3.8	3.7	3.5	4.0	6.5	10.0	10.4	9.6	8.2	6.3	5.3
12	6.5	4.9	3.8	3.8	4.0	4.3	5.9	7.9	9.4	9.7	8.9	7.4	6.3
13	5.7	4.2	3.1	2.6	2.1	2.7	5.1	7.8	9.5	9.8	9.3	8.0	5.9
14	6.4	5.1	4.0	3.5	3.4	4.8	6.8	8.7	10.3	10.8	10.2	8.7	6.9
15	7.1	5.6	4.1	3.4	2.9	3.4	5.3	7.9	9.8	10.2	9.6	8.3	6.4
16	6.7	5.1	4.0	3.3	2.9	3.4	5.4	7.7	9.6	10.1	9.5	7.9	6.3
17	6.5	4.5	3.5	3.0	2.7	3.5	5.9	8.5	10.4	10.8	10.1	8.5	6.4
18	6.8	5.3	4.1	3.7	3.6	5.0	7.8	10.3	11.5	11.7	10.8	9.2	7.5
19	7.2	5.7	4.4	3.7	3.2	3.6	5.8	8.6	10.3	10.8	10.1	8.7	6.8
20	6.8	5.1	3.9	3.3	3.2	4.9	6.9	8.9	10.4	10.5	9.9	8.4	6.8
21	6.5	4.8	3.7	3.1	2.9	4.4	6.5	8.5	10.2	10.6	9.9	8.2	6.6
22	6.4	4.8	3.7	3.1	2.8	3.9	6.2	8.3	11.0	11.4	10.7	9.0	6.9
23	7.0	5.3	4.2	3.5	3.2	4.1	6.4	9.5	11.4	11.9	10.5	8.9	7.2
24	7.3	5.8	4.6	3.8	3.3	4.3	6.8	9.2	10.9	11.2	10.2	8.4	7.2
25	6.7	5.1	4.0	3.2	3.1	4.5	7.1	9.4	11.2	11.3	10.3	8.5	7.0
26	6.9	5.3	4.2	3.4	3.4	4.5	6.8	9.3	10.9	11.3	10.0	8.1	7.0
27	6.1	4.4	3.0	2.3	2.3	3.8	5.7	8.4	9.9	10.3	9.5	7.9	6.1
28	5.5	3.7	2.6	2.1	2.4	4.0	6.3	8.8	10.6	10.9	9.9	8.0	6.2
29	6.2	4.4	2.9	2.3	2.0	2.9	6.1	9.0	10.6	10.4	9.2	7.3	6.1
30	5.9	4.0	2.8	2.1	2.1	3.1	4.5	7.2	10.2	11.0	11.0	10.5	8.5
31	6.4	4.6	3.5	3.0	2.8	4.4	7.3	9.4	10.8	11.3	10.5	8.7	7.0
32	6.4	4.6	3.5	3.0	2.8	4.4	7.1	9.2	11.1	11.4	10.5	8.7	7.0
33	6.3	4.7	3.5	2.8	2.6	3.4	6.4	9.2	10.9	11.3	10.3	8.5	6.7
34	6.7	4.9	3.6	2.9	2.7	3.8	6.9	9.6	11.1	11.3	10.2	8.5	6.9
35	6.8	5.2	4.0	3.4	3.4	4.9	7.2	9.7	11.2	11.8	10.9	9.4	7.3
36	6.9	4.8	3.4	2.7	2.5	3.1	6.2	8.5	10.7	11.0	10.0	8.4	6.5
37	6.3	4.1	2.9	2.4	2.1	3.1	4.9	7.8	10.1	10.5	9.8	8.2	6.6
38	6.1	4.3	3.0	2.5	2.3	3.3	5.9	8.5	10.7	10.7	10.0	8.3	6.8
39	6.4	4.4	3.1	2.4	2.2	3.2	5.2	8.2	10.5	11.1	10.6	9.0	7.2
40	6.4	4.4	3.1	2.4	2.2	3.2	5.2	8.2	10.5	11.1	10.6	9.0	7.2

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

174

RESTRICTED

STAT

RESTRICTED

284

新 Ch'ang-ch'un 京

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1913	6.9	5.9	5.0	4.4	3.9	3.7	4.4	5.8	7.9	8.0	8.4	8.8	6.0
14	7.4	6.8	5.8	5.3	4.8	4.9	5.9	8.9	8.8	9.3	9.1	9.0	6.9
15	8.1	7.3	6.4	5.4	4.8	4.5	5.0	6.2	7.6	8.6	8.8	8.4	6.7
16	7.8	7.0	6.1	5.3	4.8	4.5	5.0	6.2	7.6	8.6	8.8	8.4	6.7
17	7.7	6.8	5.7	4.9	4.4	4.3	5.1	6.7	8.3	9.1	9.4	8.9	6.7
18	8.0	7.0	6.9	5.5	5.1	5.1	6.3	8.0	9.4	10.1	10.3	9.7	7.8
19	8.7	7.7	6.5	5.7	5.1	4.8	5.4	8.8	8.2	9.1	9.5	9.0	7.5
20	8.1	7.0	6.0	5.3	4.7	5.0	6.0	7.1	8.0	9.0	9.8	8.8	7.0
21	7.9	6.8	5.8	5.0	4.6	4.7	5.6	6.8	8.1	9.1	9.3	8.7	6.9
22	7.8	6.8	5.8	5.1	4.6	4.5	5.4	7.1	9.0	9.7	9.9	9.5	7.1
23	8.5	7.4	6.4	5.5	5.1	4.9	5.7	7.2	8.9	9.8	9.9	8.8	7.3
24	8.5	7.7	6.7	5.3	5.8	5.0	5.8	7.1	8.5	9.3	9.5	9.1	7.4
25	8.3	7.3	6.5	5.6	5.1	5.0	5.8	7.0	8.3	9.2	9.4	9.1	7.2
26	8.3	7.3	6.4	5.7	5.1	5.1	6.0	7.3	8.6	9.5	9.7	9.2	7.4
27	8.4	7.5	6.3	5.3	4.7	4.6	5.4	6.9	8.3	9.1	9.3	8.8	7.0
28	7.9	6.9	5.8	5.3	4.7	5.0	5.8	7.0	8.4	9.3	9.6	9.1	7.0
29	7.4	6.6	5.5	5.3	4.9	4.5	5.3	6.7	8.1	8.9	8.9	8.4	6.8
30	7.4	6.6	6.1	5.7	4.9	4.8	5.8	7.4	9.1	9.9	10.0	9.4	7.3
31	8.5	7.3	6.4	6.0	5.3	4.9	5.9	7.4	8.7	9.6	9.8	9.3	7.4
32	8.1	7.1	6.3	5.8	4.8	5.0	6.0	7.7	9.0	9.8	9.9	9.3	7.3
33	8.3	7.3	6.4	5.3	4.6	4.5	5.1	7.1	8.5	9.5	9.6	9.2	7.1
34	8.3	7.3	6.3	5.1	4.7	4.6	5.7	6.7	8.6	9.6	9.7	9.6	7.1
35	8.3	7.7	6.1	5.1	5.6	5.3	6.3	7.9	8.1	10.0	10.3	9.8	8.1
36	8.3	7.3	6.0	5.1	4.6	4.4	5.4	7.0	8.1	9.4	9.5	9.0	7.1
37	6.6	5.7	4.7	4.0	3.6	3.3	4.1	5.3	7.8	8.7	8.9	8.5	5.9
38	7.4	6.1	5.0	4.3	3.7	3.6	4.6	6.4	8.0	8.9	9.1	8.6	6.3
39	7.5	6.3	5.1	4.3	3.8	3.7	4.7	6.4	8.0	9.3	9.5	8.9	6.5
40	7.9	6.7	5.6	4.7	4.1	4.3	5.1	6.8	8.2	9.3	9.4	8.9	6.5
1913	7.1	6.5	5.9	5.3	4.8	4.4	4.5	5.1	6.1	6.9	7.5	7.7	6.0
14	7.3	6.8	6.3	5.7	5.3	5.1	5.6	6.0	6.9	7.7	8.3	8.4	6.8
15	8.1	7.5	6.9	6.1	5.5	5.1	5.0	5.6	6.5	7.4	8.0	8.1	6.8
16	7.8	7.3	6.6	5.9	5.4	5.1	5.0	5.5	6.4	7.2	7.8	7.7	6.5
17	7.6	7.0	6.3	5.6	5.1	4.7	4.9	5.6	6.7	7.7	8.2	8.3	6.5
18	7.9	7.4	6.8	6.1	5.7	5.4	5.8	6.7	7.8	8.6	9.1	9.2	7.3
19	8.8	8.1	7.3	6.5	5.9	5.5	6.0	6.9	7.8	8.3	8.4	8.4	7.1
20	8.1	7.5	6.7	6.0	5.5	5.8	5.5	6.5	8.0	7.7	8.3	8.3	6.8
21	7.9	7.3	6.5	5.8	5.3	5.0	5.3	5.9	6.7	7.7	8.3	8.3	6.6
22	7.9	7.3	6.5	5.9	5.4	5.1	5.8	6.0	7.1	8.1	8.7	8.9	6.8
23	8.6	7.9	7.0	6.3	5.8	5.4	5.5	6.3	7.5	8.4	8.9	8.9	7.3
24	8.3	7.9	7.2	6.4	5.9	5.5	5.6	6.5	7.8	8.0	8.6	8.7	7.1
25	8.3	7.6	6.9	6.2	5.4	5.4	5.6	6.3	7.8	8.3	8.6	8.6	7.0
26	8.3	7.7	6.9	6.2	5.7	5.4	5.7	6.4	8.0	8.3	8.8	8.8	7.2
27	8.4	7.7	7.0	6.3	5.6	5.3	5.3	6.1	7.1	7.8	8.4	8.4	6.9
28	8.0	7.4	6.8	6.2	5.4	5.4	5.7	6.3	7.3	8.2	8.7	8.6	7.0
29	8.4	7.5	6.9	6.1	5.1	5.0	5.1	5.9	6.9	7.6	8.1	8.1	6.8
30	7.7	7.3	6.6	6.1	5.1	5.4	4.3	7.3	8.2	8.7	8.7	8.6	7.0
31	7.7	7.3	6.6	6.4	5.9	5.8	6.1	6.8	7.3	8.0	8.4	8.1	7.1
32	8.3	7.6	6.9	6.4	5.9	5.8	6.1	7.1	7.9	8.3	8.8	8.8	7.3
33	8.3	7.5	6.9	6.4	5.9	5.7	6.0	6.9	7.8	8.2	8.6	8.1	7.2
34	7.7	7.4	6.8	6.2	5.7	5.9	6.4	6.7	7.9	8.7	8.7	8.7	7.2
35	8.3	8.2	7.6	7.0	6.1	5.1	5.7	6.3	7.4	8.4	8.7	8.7	7.2
36	8.3	7.8	7.0	6.1	5.6	5.3	5.3	5.8	6.8	7.7	8.1	8.2	7.2
37	6.6	6.3	5.7	5.1	4.6	4.3	4.3	5.0	6.3	7.1	7.7	7.9	5.9
38	7.4	6.4	5.4	4.7	4.1	4.1	4.4	5.1	6.1	7.1	7.4	7.4	6.3
39	7.7	7.0	6.2	5.6	5.0	4.8	4.8	5.4	6.4	7.7	8.3	8.4	6.4
40	8.0	7.3	6.6	5.9	5.3	5.0	5.1	5.9	6.9	7.8	8.3	8.3	6.5

Underground temperature

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

296

新 Ch'ang-ch'un 京

Number of rainy days

Number of clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	1	4	6	8	9	16	12	8	10	9	7	5	95
10	9	4	7	9	14	14	21	10	12	11	8	3	123
11	8	6	10	12	7	10	19	13	9	8	8	3	118
12	3	6	6	7	17	12	12	10	11	11	4	0	103
13	0	8	3	4	8	25	17	5	11	4	7	0	100
14	3	8	6	3	5	18	16	10	12	6	13	7	101
15	3	8	8	10	13	20	17	15	11	10	18	5	137
16	4	7	5	10	15	15	16	10	9	7	3	9	110
17	7	3	4	6	8	10	21	19	9	14	8	18	124
18	5	5	6	8	13	17	18	11	17	8	7	1	116
19	7	5	3	10	9	12	6	7	6	12	6	3	85
20	9	6	3	10	4	13	14	12	12	5	12	5	103
21	2	4	3	9	11	9	14	12	13	7	4	4	88
22	5	4	3	3	12	10	17	11	10	4	4	4	90
23	6	7	8	5	13	17	15	14	15	12	9	4	125
24	9	5	7	6	10	9	17	12	9	7	0	6	106
25	1	5	14	6	15	10	15	12	13	5	3	4	106
26	5	7	8	4	8	9	10	15	14	8	7	7	94
27	4	1	8	7	13	13	20	10	8	12	5	12	113
28	13	8	6	5	8	15	15	16	8	11	8	5	118
29	6	7	2	4	14	18	17	14	8	4	1	6	101
30	3	2	7	3	11	16	14	17	7	3	8	4	95
31	11	5	3	8	16	16	11	15	15	8	3	8	120
32	4	5	7	7	12	11	20	13	9	13	3	3	113
33	3	6	3	7	12	15	11	10	5	10	3	7	101
34	2	1	5	6	11	16	21	15	12	7	2	3	101
35	4	1	3	5	7	17	16	14	5	13	6	1	92
36	5	5	7	7	13	15	20	9	15	6	8	1	111
37	6	5	1	7	17	12	17	12	12	7	2	5	91
38	6	3	4	9	16	12	12	12	15	10	6	3	114
39	6	3	1	8	7	14	13	13	15	5	5	4	93
40	8	3	3	9	7	19	15	16	8	8	10	7	107
1909	22	14	18	5	7	3	2	2	10	8	5	17	113
10	17	16	9	9	5	5	1	1	13	9	17	20	112
11	16	18	9	3	10	4	3	3	0	10	13	20	115
12	20	14	9	5	5	6	6	3	13	14	11	20	126
13	17	11	17	9	6	2	4	8	9	18	16	13	130
14	16	15	11	7	3	1	1	2	10	14	8	9	107
15	15	13	5	2	3	1	2	2	8	7	10	16	82
16	21	9	10	3	3	2	1	6	11	10	17	13	106
17	16	14	10	1	1	3	1	5	9	10	10	5	84
18	20	14	11	4	4	2	1	2	8	13	13	21	113
19	13	11	10	4	3	5	8	10	11	8	9	12	104
20	11	12	12	5	3	3	2	5	6	10	7	20	96
21	19	16	11	4	5	4	2	3	7	10	13	15	105
22	25	13	10	7	1	2	2	7	7	13	15	18	120
23	21	12	9	6	3	3	1	2	6	10	10	12	101
24	15	12	13	4	2	7	1	12	15	14	6	14	115
25	18	18	3	9	1	5	2	2	4	12	10	11	104
26	15	12	8	5	4	6	3	3	12	14	10	10	99
27	15	14	11	6	3	6	1	7	12	9	17	11	112
28	12	11	8	2	1	2	2	4	12	11	10	21	100
29	20	14	5	7	5	1	2	4	2	12	17	14	116
30	22	11	1	4	2	2	3	2	8	17	10	12	102
31	12	10	11	2	4	3	6	2	5	15	14	12	116
32	12	12	12	7	3	1	5	4	10	12	7	10	104
33	12	12	12	7	3	1	5	4	10	12	7	10	104

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

176

RESTRICTED

RESTRICTED

298

新 Chang-ch'un 東

Number of clear days

Number of cloudy days

Number of foggy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1934	30	14	4	9	5	1	—	2	9	14	11	18	107
35	18	12	8	3	3	1	2	6	4	9	15	18	105
36	11	14	7	7	7	6	2	10	4	13	12	18	100
37	11	10	7	7	7	1	—	1	7	12	18	13	106
38	15	17	15	3	1	3	—	2	3	12	13	13	95
39	14	16	4	6	1	—	1	2	5	8	9	15	81
40	14	12	9	4	—	2	—	5	13	11	10	9	—
晴天日数 1909	1	2	5	8	10	9	15	12	4	9	6	3	85
10	2	4	7	10	6	7	11	10	6	5	4	—	69
11	5	3	7	9	7	11	15	8	7	5	9	—	87
12	1	4	7	10	5	12	10	6	7	5	—	—	67
13	3	3	4	5	5	11	10	1	3	3	1	—	48
14	3	2	5	3	9	6	12	7	10	3	8	1	69
15	6	6	5	12	11	10	20	19	6	3	3	3	119
16	4	4	2	9	17	12	12	8	4	5	5	3	84
17	1	3	6	12	8	12	12	12	7	4	3	8	87
18	1	2	11	8	14	14	17	15	13	3	5	2	105
19	3	3	6	11	8	12	3	4	5	13	6	—	74
20	6	4	6	5	9	10	11	8	10	2	6	2	79
21	2	2	5	11	11	9	14	8	7	4	5	1	80
22	—	4	7	7	11	12	12	8	7	4	5	1	68
23	—	—	6	9	10	10	10	12	5	5	8	2	77
24	4	1	4	19	10	8	18	10	3	2	8	5	92
25	1	3	7	8	12	7	14	10	5	2	6	4	85
26	3	1	8	7	10	10	8	7	3	3	3	3	91
27	5	5	6	6	10	9	13	15	6	11	8	5	93
28	5	7	6	6	10	9	13	15	6	6	5	1	93
29	3	5	8	6	14	9	11	13	5	3	2	0	88
30	3	2	8	14	15	13	15	19	8	4	2	8	119
31	6	4	8	9	13	14	8	10	8	5	4	3	92
32	1	4	7	10	13	13	19	13	12	9	2	4	106
33	1	6	5	6	13	11	11	10	5	7	4	6	85
34	3	3	5	7	11	19	18	12	11	3	3	3	98
35	3	3	5	3	9	14	15	8	4	3	5	2	82
36	1	2	8	10	12	12	11	8	10	3	8	2	88
37	4	1	7	9	7	9	7	10	4	6	2	2	87
38	1	2	5	10	13	8	13	9	10	6	2	5	84
39	4	1	4	6	9	16	12	13	12	3	4	3	87
40	5	4	3	10	—	20	12	17	9	—	10	—	—
雾日数 1909	—	—	—	—	—	1	1	2	—	—	1	3	8
10	1	3	3	—	—	3	—	4	1	4	1	3	20
11	5	—	1	—	—	2	—	5	—	1	—	—	14
12	—	—	—	—	—	—	—	2	—	—	—	—	6
13	2	—	—	—	—	—	—	1	—	1	—	—	—
14	—	—	1	—	—	1	2	1	1	—	2	—	5
15	—	1	—	—	—	1	1	1	1	1	1	—	9
16	—	—	—	—	—	—	—	3	1	1	—	—	7
17	—	—	—	—	—	—	—	—	—	—	—	—	1
18	2	1	—	—	—	1	3	2	1	—	—	—	10
19	—	3	—	1	—	1	—	—	1	1	—	—	7
20	—	—	—	—	—	—	—	—	1	—	—	—	4
21	—	—	—	—	—	—	—	—	—	—	—	—	1
22	—	—	—	—	—	—	—	—	—	—	—	—	1
23	—	—	—	—	—	—	—	3	—	—	—	—	3
24	—	—	—	—	—	—	—	—	—	1	—	—	—
25	—	—	—	—	—	—	—	1	—	—	—	—	3

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

177 RESTRICTED

RESTRICTED

297

新 Ch'ang-ch'un 東

Number of foggy days

Number of days of hail

Number of days of soft hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1927	1						1	2					3
28					1			2					3
29					2			2					4
30	1							3					4
31						1							1
32								3	1	1			5
33	1							1					2
34					1			2					3
35	2				1			2					5
36					3			3	1				8
37	1						1			1			4
1928									1				1
10					1					1			2
11					1	2	1	1	1				6
12					1								2
13													0
14					1	2	1			1			5
15					2								2
16					2								2
17									1				1
18					1	2							4
19					1	1							2
20					1	1				1			3
21					1	2							3
22					2	4				1			7
23						3							3
24													0
25						1	1		1				3
26					1								1
27					1	2			2				6
28					1	3	2	1	1				7
29						4	1			1			7
30					2	2							4
31						1				1			2
32						1				1			2
33						2				1			3
34							2						2
35						1	1		2	1			5
36					1			1					2
37								1					1
38									2				2
39					1	2	1						4
40					1	2	1	1					5
1929					1								1
10					2					3			5
11					2					1			3
12					2					1			3
13					1					2			3
14											5		5
15										2			2
16											1		1
17											1		1
18													0
19					1	2				1			4
20											2		2
21	1				1								2

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

178

RESTRICTED

STAT

RESTRICTED

298

新 Ch'ang-ch'un 京

Number of days of soft hail

Number of days without sunshine

Number of days of electrical storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1922				1						1	1		3
23			1	2									4
24													1
25											3		3
26			4							1			5
27													
28													
29		1							1				3
30										1			1
31			1	1					1				3
32	1		1	1						1			4
33				1									1
34				1									1
35	1			2						1			4
36			1								3		4
37				1	2								3
38				1									1
39					1						1		2
40			2	3						2		3	10
不照日数 1909	1	1	3	3	3	3	3	1	1	7	2	4	29
10	4	2	3	3	2	2	2	4	2	2	6	1	34
11	5	1	3	4	2	1	1	2	1	2	6	1	34
12	1	4	4	1	8	1	1	2	1	6	3	1	31
13	1	2	1	2	2		2			1	1		12
14	3	3	8	8	1	1	6		6		9	1	34
15	5	4	7	8	5	4	4	6	1	2	6	2	54
16	2	2	7	2	3	2	2	2	2	2	2	1	21
17		3	1	2	3	2	6	2	2	2		5	21
18			3	2	2	1	2	3	4	1	1		19
19	2	3	3	3	2	2	1	2	1	6	3	3	31
20	1	1	1	3	1	1	4	3	9	6	3	2	24
21	1			3	1	1	4	3	9	6	3	2	33
22	2	2	3	1			2	3	3	2	2	2	15
23	2		3				1	2	3	2	2	1	22
24	2	1		3	2		1	4	1	2	5	3	22
25			4	2	4	2	3	4	1	2	3	4	24
26	3	2	3	3	2	1	2	3	3	1	5	3	27
27	6	1	6	3	5	4	5	3		5	3	9	36
28			6	3	5	4	5	3		5	3	9	36
29	2	4		3	2	2	2	2	2	2	2	2	28
30	1	2	4	3	5	2	3	9	3	3	6	6	49
31	5	4	2	8	4	2	2	2	5	1			35
32		1	2	4	3	1	4	2	2	2	1	1	15
33		4	2	1	2	1	4		1	2	1	2	20
34	1	1	2	1	1		4	1	1	2	1	1	16
35	3	1				4	2	1	1	2	2	1	17
36	2	1		2	2	4	2	1	1	2	2	2	20
37	1	1	6	3		2	4	3	2	2	2	2	25
38	3	1	3	2	4	1	1	3	2	1	1	2	24
39	4			1	2	2	1	2	2	2	2	2	19
40	2		1	1		2		4	1	1	6	3	22
電雷日数 1909					1	0	5	4	3	1			20
10					1	6	15	2	2	2			24
11					1	5	13	2	2	2			24
12					1	8	19	6	6	8			48
13					1	8	19	6	6	8			48
14					1	8	19	6	6	8			48
15					1	8	19	6	6	8			48

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

179 RESTRICTED

RESTRICTED

299

新 Ch'ang-ch'un 京

Number of days of electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1914					1	2	3	5	4	1			15
15					5	5	5	6	4	5			37
16					4	1	4	5	1	8			28
17					1	4	5	6	3	3			29
18					1	7	11	6	4	1			37
19					3	7	6	3	3				18
20					2	5	5	3	1	1			15
21					2	5	7	3	4	3			18
22					1	7	5	3	4	1			24
23					1	5	12	3	3	1			34
24					2	5	4	1	1				13
25					1	4	4	1	5	4			15
26					1	4	5	1	4	1			17
27					1	8	1	2	3	1	1		19
28				1	1	1	8	1	2				18
29					2	6	6	2	2				10
30					2	5	2	1	2				13
31					1	6	7	4	2	2			19
32					1	5	7	2	2	1			19
33					3	11	2	2	1	1			22
34					1	9	5	4	2	1			27
35					3	6	7	1	3				21
36					3	2	9	4	3	1			13
37					1	3	5	2	2	2			26
38					1	7	11	2	2	2			28
39					2	7	4	6	2	1			22
40					2	8	11	5	1	1			22
1990	7	14	10	13	10	12	9	2	9	6	20	8	129
10	2	4	11	17	17	13	6	2	1	4	11	6	101
11	6	10	12	13	19	9	7	7	7	7	10	10	101
12	6	8	13	17	15	7	2	2	6	9	12	5	102
13	8	8	9	10	14	6	6	7	3	15	2	96	
14	8	2	16	13	20	10	8	3	4	8	9	1	99
15	5	6	10	10	10	12	8	3	8	10	8	8	103
16	4	6	10	10	13	6	1	3	7	2	3	2	76
17	2	2	8	9	9	11	6	1	4	8	6	2	63
18	5	4	7	13	10	6	2	1	1	8	6	3	72
19		10	13	13	14	4	4	2	1	4	5	5	45
20	1	3	6	13	2	1	4		2	2	3	4	39
21	3	3	3	13	7	1	1		1	2	2	2	24
22		4	6	4	4	1			1	2	2	2	24
23	3	2	3	6	2								26
24		1	2	11	4					3	2	3	27
25				5	5	2					2	3	18
26		1	2	7	5	2					1	1	11
27			1	6	8						1		28
28		3	4	9	8								28
29					1	2	1		1	1		1	14
30			6	8	9	1							28
31				3	3						1		9
32				4	1								5
33										1			3
34					2	7							10
35					11	8	2			4	2	2	22
36					13	10	2			3	5	2	28
37					3	12	10			1	5	1	28
38					6	7	1			3	4	1	26
39					6	16	1			7	4	1	28
40					8	16	1			4	9	1	28

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

150 RESTRICTED

RESTRICTED

800

新Ch'ang-ch'un 東

Number of earth-
quakes

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地震回数 1937	1												3
最大積雪量 1909	3.0	8.0	2.0										9.0
10					3.0								3.0
11	19.0	19.1	7.0	8.2									19.1
12	9.3	10.3	9.5										10.3
13	11.8	5.0	6.0							5.0			11.8
14	7.0	6.0	4.1										7.0
15		1.3											1.3
16			0.5							0.4	3.5		3.9
17	13.3	13.0	6.0							3.5	3.0	17.4	17.4
18	18.3	18.0	0.5	1.2						2.4	5.7		18.3
19	4.8	5.5	3.5							4.0	15.0		15.0
20	5.3	14.5	0.0	3.5							11.0		14.5
21	9.5	3.5	3.4								5.0		9.5
22	0.8	8.0	0.0						1.0	0.4	14.5		14.5
23	19.8	8.0	14.0	0.0						14.0	18.7		19.8
24	24.5	24.0	9.0	0.0						1.8	9.3		24.5
25	8.5	5.0	6.8							10.2	1.0		10.2
26	15.0	14.5	4.5	3.0						11.4	1.1		15.0
27	8.0	0.1	13.7							8.4	4.2		13.7
28	18.2	19.7	4.0	1.1	0.0				0.0	13.2	9.2		19.7
29	7.2	6.7	0.0	0.0							0.0		7.2
30	6.8	1.4	2.2	0.6									6.8
31	8.1	5.0	6.2	0.4						4.8	5.8		8.1
32	4.0	2.5	8.3							0.1	14.0		14.0
33	1.8	11.2	10.2							1.8	11.0		11.2
34	6.0	3.5	7.2	2.9						8.1	0.1		8.1
35	6.8	1.1	2.2	5.2									6.8
36	5.6	6.2	4.5							9.0	10.5		10.5
37	3.0	4.8	12.2	7.2							1.5		12.2
38	7.0	4.0								4.0	5.0		7.0

STAT

東

Average barometric
pressure of freezing
point
Highest barometric
pressure of freezing
point
Lowest barometric
pressure of freezing
point
Average barometric
pressure at sea level
Average atmospheric
temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1937	59.0	58.1	57.5	57.1	56.6	56.3	55.8	55.4	55.0	54.6	54.2	53.8	53.4
平均氣壓 38	59.1	58.3	57.7	57.6	57.1	56.1	55.7	55.4	55.0	54.6	54.2	53.8	53.4
(+700mm) 39	59.7	58.9	58.9	57.6	56.8	56.4	55.7	55.4	55.0	54.6	54.2	53.8	53.4
水銀氣壓 1937	84.4	70.0	62.1	61.0	59.6	58.2	56.8	55.4	54.0	52.6	51.2	49.8	48.4
最高氣壓 38	84.8	62.8	63.8	59.6	58.7	57.0	55.4	54.3	52.9	51.5	50.1	48.7	47.3
(+700mm) 39													
水銀氣壓 1937	46.4	44.1	41.1	35.7	34.1	34.1	34.0	34.1	34.6	35.1	35.6	36.1	36.6
最低氣壓 38	48.2	39.8	45.4	38.0	34.7	34.5	34.0	34.1	34.8	35.4	35.9	36.4	36.9
(+700mm) 39													
海平面氣壓 1937	68.9	67.8	65.0	61.8	59.4	58.0	56.6	55.2	53.8	52.4	51.0	49.6	48.2
平均氣壓 38	69.1	68.0	64.0	59.8	57.3	55.8	54.4	53.0	51.6	50.2	48.8	47.4	46.0
39	69.7	68.6	64.6	60.6	58.1	56.6	55.2	53.8	52.4	51.0	49.6	48.2	46.8
平均氣溫 1937	-14.2	-10.8	-6.0	5.1	12.8	17.7	22.3	26.6	31.1	35.6	40.1	44.6	49.1
38	-12.2	-12.2	0.0	7.2	22.0	26.1	30.6	34.9	39.4	43.9	48.4	52.9	57.4
39	-17.7	-10.2	-1.6	7.6	18.1	23.2	27.7	32.2	36.7	41.2	45.7	50.2	54.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

181

RESTRICTED

RESTRICTED

801

東 Tung-ning 東

Average highest atmospheric temperature
 Average lowest atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Vapor pressure
 Average humidity
 Minimum degree of humidity
 Average cloud density
 Average wind velocity
 Maximum wind velocity
 Rainfall
 Maximum rainfall per day
 Insolation capacity (in hours)
 Percentage of insolation capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
最高氣溫	1937	7.2	2.1	0.2	13.0	19.0	24.5	30.2	28.0	23.0	16.4	4.3	-9.1	11.7
平	38	-9.1	-5.4	7.9	14.6	21.0	25.3	31.0	28.4	20.4	16.0	3.4	-8.8	12.1
39		-10.5	-3.5	4.9	15.3	19.7	22.0	30.2	30.8	21.5	14.1	3.7	-2.1	12.2
最低氣溫	1937	-20.1	-17.3	-11.7	-1.7	6.1	12.1	17.8	17.3	9.0	0.4	-10.3	-22.6	-1.8
平	38	-21.1	-19.3	-8.1	0.5	6.8	11.5	17.4	20.1	10.8	2.2	-8.0	-20.0	-0.8
39		-23.9	-18.6	-8.3	-0.9	5.8	11.6	19.1	18.7	10.3	-1.0	-9.6	-16.7	-1.2
最高極限	1937	3.1	10.9	10.0	20.4	27.6	33.5	35.0	28.8	25.2	20.8	1.9	25.6	
平	38	1.0	4.8	19.4	22.2	31.6	33.3	35.1	35.0	28.1	25.0	17.8	1.9	26.1
39		-1.0	7.6	13.8	26.7	29.3	28.4	37.8	34.7	28.1	28.1	20.0	4.6	27.8
最低極限	1937	-26.3	-25.4	-19.3	-5.7	0.7	5.6	14.6	10.0	1.6	-6.8	-20.3	-33.6	-33.6
平	38	-29.5	-31.2	-18.9	-4.8	-1.0	5.3	10.4	17.4	5.3	-5.0	-15.7	-28.2	-31.2
39		-31.7	-26.5	-12.2	-20.0	-0.9	3.5	12.5	8.3	3.7	-10.1	-16.2	-23.4	-31.7
水蒸氣壓力	1937	1.0	1.2	1.5	3.6	6.0	11.7	15.8	15.9	9.2	5.3	2.2	0.9	6.2
平	38	0.9	1.2	2.4	3.7	7.0	11.0	16.7	18.9	10.4	6.1	2.4	0.9	6.8
39		0.8	1.3	2.3	4.3	6.6	11.0	16.7	14.3	10.5	4.7	2.5	1.5	6.4
平均濕度	1937	62	59	51	56	57	78	76	72	71	68	58	65	65
平	38	64	63	54	51	61	73	80	88	82	71	64	61	68
39		62	57	59	59	64	80	76	69	80	65	63	66	67
最小濕度	1937	23	18	17	14	20	31	36	40	27	20	21	24	14
平	38	13	27	18	17	20	25	37	52	47	29	25	17	17
39		30	22	19	20	25	37	34	30	30	27	28	29	19
平均雲量	1937	1.5	3.6	5.8	5.8	7.7	7.1	6.3	7.3	5.3	4.5	3.3	3.9	5.2
平	38	3.2	4.1	4.8	7.0	7.9	6.8	6.5	8.4	7.4	4.1	4.1	3.4	5.2
39		3.3	2.7	5.7	5.1	6.4	8.0	7.6	5.3	7.1	3.6	4.0	3.1	5.2
平均風速	1937	2.4	2.4	3.1	3.0	3.1	2.1	1.9	1.8	1.9	2.3	2.2	2.8	2.4
平	38	2.6	3.0	2.8	3.0	2.8	2.5	2.2	1.5	1.6	2.2	2.2	2.3	2.5
39		2.4	2.8	2.9	2.8	2.5	2.2	1.9	1.6	1.6	2.0	2.4	2.2	2.3
最大風速	1937	10.2	10.5	14.2	11.6	12.2	9.8	10.2	7.2	8.0	12.2	9.8	17.5	17.5
平	38	10.7	14.0	11.7	14.8	15.8	12.7	7.8	6.9	7.5	9.4	11.1	12.5	14.2
39		10.3	11.5	13.8	9.2	9.5	12.1	7.7	7.7	9.5	12.7	12.7	14.6	14.6
降水量	1937	...	0.4	9.0	26.7	62.7	50.3	89.2	94.1	52.7	24.5	2.6	8.0	490.2
平	38	6.8	5.0	3.7	33.0	14.2	45.3	51.4	44.6	22.8	37.2	4.3	6.6	235.9
39		5.4	0.0	4.0	23.8	45.7	102.8	79.2	45.2	102.1	30.2	13.1	7.4	555.9
最大日量	1937	...	0.3	7.5	16.8	13.7	11.2	18.0	41.7	23.6	9.9	1.4	4.5	41.7
平	38	4.8	4.1	2.1	12.8	5.4	19.6	16.4	103.0	27.0	13.4	2.0	2.8	103.0
39		3.6	0.0	3.1	8.5	16.9	33.5	24.4	27.3	26.1	22.1	6.9	5.7	35.5
日照時數	1937	229.6	218.1	212.1	234.2	228.7	216.4	225.4	226.2	222.1	224.0	224.0	222.0	222.0
平	38	195.2	182.4	202.9	223.7	212.7	226.6	214.4	199.9	195.0	222.0	192.3	172.4	202.1
39		202.6	222.4	211.0	225.5	207.3	185.4	223.5	272.2	154.2	220.9	171.3	172.0	247.2
日照率	1937	80	74	88	88	80	47	57	51	63	64	64	60	82
平	38	68	61	72	76	62	52	28	25	43	47	32	62	62
39		70	78	57	58	45	26	20	22	41	41	32	60	57

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

182 RESTRICTED

STAT

RESTRICTED

803

東 Tung-ning 東

STAT

Evaporative capacity

Maximum evaporating capacity per day

Average minimum earth temperature

Average ground level temperature

Underground temperature

II II

II II

II II

II II

II II

II II

II II

II II

II II

No. of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
蒸發量	1937	28.9	41.7	64.7	119.1	176.5	177.9	182.9	155.3	124.8	100.1	72.3	86.7	1115.9
38	26.9	35.7	102.7	159.8	219	195.1	215.9	151.0	91.5	88.4	54.7	42.0	56.7	1305.4
39	37.8	55.7	101.1	137.9	163.6	173.1	165.5	194.1	81.0	98.1	37.7	48.0	48.0	1343.4
最大日量	1937	1.4	3.0	3.4	7.3	10.3	8.6	8.4	7.8	7.0	5.9	4.1	1.5	10.3
38	1.6	2.7	6.1	10.9	9.3	12.8	10.9	8.0	8.8	4.6	2.8	3.1	12.8	
39	2.0	3.6	6.1	7.3	9.0	7.0	9.0	8.5	4.8	3.8	3.3	4.0	9.0	
最低地温	1937	-21.7	-19.4	-14.0	-3.9	3.6	10.7	15.6	14.1	5.0	-4.3	-15.3	-27.8	-4.7
38	-27.4	-23.8	-10.9	-1.5	5.0	10.5	16.6	10.3	8.7	-1.8	-11.5	-24.3	-3.3	
39	-26.9	-20.3	-11.8	-4.3	3.0	10.5	17.8	14.6	8.8	-4.0	-12.3	-21.3	-3.9	
平均地温	1937	-12.3	-8.9	-4.3	5.9	13.1	19.5	24.0	24.5	16.6	7.6	-2.2	-12.2	6.0
38	-14.1	-10.3	-0.3	7.3	14.5	19.9	25.3	24.3	15.4	8.3	-1.3	-10.8	0.6	
39	-14.1	-8.7	-0.9	6.8	12.4	17.3	24.6	25.7	15.6	6.2	-	-	-	
地中温度 (0.1m)	1937	-11.0	-8.5	-3.9	3.6	12.0	18.9	23.6	23.7	17.0	8.4	-0.3	-10.0	6.1
38	-12.3	-9.7	-1.6	5.3	12.5	18.6	24.1	23.9	16.9	9.9	1.4	-5.9	7.1	
39	-11.9	-7.6	-1.3	5.9	12.0	17.2	23.9	25.5	16.4	7.3	-	-	-	
地中温度 (0.3m)	1937	-9.7	-8.0	-3.7	2.3	10.6	17.8	22.6	23.2	17.5	9.3	1.4	-7.8	6.3
38	-10.6	-8.7	-1.6	5.3	12.5	18.6	24.1	23.9	16.9	9.9	1.4	-5.9	7.1	
39	-10.5	-7.2	-1.6	4.0	10.6	10.3	22.4	24.1	16.9	8.4	-	-	-	
地中温度 (0.5m)	1937	-8.8	-7.8	-3.7	1.2	9.5	16.6	21.7	22.7	17.8	10.0	2.5	-6.7	6.2
38	-10.0	-8.3	-2.0	4.3	11.7	18.1	23.1	21.4	17.3	10.6	2.4	-4.7	7.1	
39	-10.0	-7.0	-1.6	3.0	9.7	15.6	21.5	23.7	17.1	9.0	-	-	-	
地中温度 (0.5m)	1937	(-7.9)	-6.7	-3.2	0.4	8.2	15.0	20.4	22.2	18.1	11.3	4.6	-4.1	(6.5)
38	-7.9	-7.3	-2.0	2.5	9.6	16.2	21.0	22.2	17.9	11.8	4.5	-2.2	7.2	
39	-7.8	-6.2	-1.5	1.3	7.7	13.7	19.2	21.9	17.3	10.5	3.7	-1.9	6.5	
地中温度 (1.0m)	1937	-3.3	-4.2	-2.4	-0.9	3.8	10.7	16.0	18.8	17.1	12.7	7.8	1.4	(6.5)
38	-2.9	-4.2	-1.9	-0.2	5.7	11.1	16.5	19.1	18.0	13.4	7.8	2.6	7.2	
39	-2.1	-3.4	-1.3	-0.4	4.0	10.4	15.3	18.1	16.6	12.1	6.7	2.0	6.5	
地中温度 (2.0m)	1937	(1.2)	1.5	1.2	1.3	2.4	6.0	9.6	12.5	13.4	12.1	9.7	6.4	(6.5)
38	1.4	1.6	1.0	1.3	3.1	7.2	10.5	13.4	15.7	13.1	10.5	7.5	7.4	
39	4.6	2.4	1.7	1.8	2.8	6.4	9.8	12.3	13.3	11.9	9.4	6.7	6.9	
地中温度 (3.0m)	1937	(4.5)	4.8	4.2	3.8	3.7	5.1	7.2	9.3	10.4	10.4	9.6	8.0	(6.7)
38	6.1	4.7	3.8	3.5	3.0	3.8	5.0	7.8	9.5	10.4	10.4	9.6	8.0	
39	7.5	5.7	4.6	4.1	4.1	3.7	7.0	9.5	10.6	10.7	9.9	8.3	7.4	
地中温度 (4.0m)	1937	(7.1)	6.8	6.1	5.5	5.0	5.2	6.1	7.3	8.2	8.6	8.7	8.3	(6.9)
38	7.3	6.6	5.8	5.3	5.0	5.5	6.5	7.8	9.3	9.9	10.3	9.9	7.5	
39	8.9	7.8	6.8	6.1	5.0	5.8	6.8	7.6	8.5	9.3	9.4	9.1	7.8	
地中温度 (5.0m)	1937	(7.9)	7.5	6.9	6.3	5.7	5.5	5.9	6.6	7.4	8.0	8.6	8.4	(7.0)
38	7.9	7.3	6.6	6.1	5.6	5.8	6.3	7.2	8.2	9.1	10.0	10.0	7.5	
39	9.4	8.5	7.6	6.8	6.3	6.2	6.6	7.2	7.9	8.7	9.3	9.2	7.8	
降水日数	1937	-	2	6	6	11	16	14	11	9	6	8	4	87
38	5	3	2	2	14	13	12	21	16	11	5	5	5	118
39	4	-	3	2	14	13	11	11	7	10	5	4	4	104

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

183

RESTRICTED

RESTRICTED

808

東 Tung-ning 寨

- No. of clear days
- No. of cloudy days
- No. of days of hail
- No. of days of soft hail
- No. of days without sunshine
- No. of days of electrical storms
- No. of stormy days
- No. of earthquakes

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
快晴日數 1937	19	10	4	5	...	3	3	4	5	10	12	9	83
1938	13	11	8	2	...	3	3	...	8	10	12	13	97
1939	14	17	5	7	4	1	1	5	1	12	10	13	90
曇天日數 1937	...	4	8	12	14	13	12	10	8	7	3	3	103
1938	...	7	9	12	19	15	13	21	18	4	0	4	120
1939	...	6	4	10	8	10	22	15	13	5	3	...	104
雪日數 1938	1	...	...	...	...	1	...	...	...	1
霰日數 1937	1	...	...	...	...	...	...	...	...	1
1938	3
1939	1	...	...	4
不晴日數 1937	...	3	2	1	4	1	1	2	2	2	2	2	18
1938	...	4	2	2	3	2	3	6	...	2	2	4	30
1939	...	1	1	1	1	1	1	3	5	1	2	1	22
電閃日數 1937	2	7	5	1	3	...	...	...	...	18
1938	3	2	2	4	2	...	...	...	...	15
1939	1	2	3	2	4	2	...	...	...	15
暴風日數 1937	...	2	2	2	5	...	1	...	...	2	...	3	19
1938	...	1	2	2	2	...	...	...	...	1	1	2	21
1939	...	2	1	4	2	2	...	...	...	2	4	4	29
地震回數 1938	1	...	...	...	...	...	...	1	...	2

STAT

Sui-fen-ho 蘇芬河

- Barometric pressure of freezing point
- Highest barometric pressure of freezing point
- Lowest barometric pressure of freezing point
- Barometric pressure at sea level
- Average atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水點氣壓 1935	16.4	16.8	17.6	13.1	12.1	11.2	10.5	12.3	15.4	15.1	16.7	17.7	14.6
(+700mm) 37	19.0	18.6	15.2	14.9	10.8	14.0	10.8	15.7	15.5	17.5	18.1	14.5	15.5
38	18.5	14.5	18.0	09.7	11.0	11.2	12.2	14.0	14.5	18.0	18.1	18.4	14.7
39	18.9	19.1	14.6	14.7	12.6	09.0	12.0	14.5	14.8	18.4	16.8	19.0	15.4
水點氣壓 1936	35.1	23.8	34.1	31.0	30.2	715.6	17.7	18.5	22.0	24.0	25.4	28.6	28.6
(+700mm) 37	31.1	28.8	27.7	26.8	18.9	719.8	18.5	21.0	21.8	25.4	27.3	22.8	28.8
38	27.1	23.1	24.3	22.7	20.8	721.1	17.0	22.2	22.6	25.8	26.7	26.7	27.1
水點氣壓 1935	708.4	711.0	706.1	697.7	702.6	08.0	703.7	703.1	707.5	699.9	697.7	706.7	697.7
37	708.6	706.6	704.1	699.8	697.9	07.8	702.1	707.1	709.8	706.1	710.5	707.7	697.9
38	710.2	694.7	708.1	698.5	699.1	03.3	707.3	707.3	700.5	708.9	706.8	711.3	694.7
海峯氣壓 1935	67.3	66.9	66.0	39.4	37.4	51.3	54.0	34.4	60.1	61.2	64.7	67.3	61.2
(+700mm) 37	62.8	62.1	62.4	41.3	35.4	38.1	51.8	39.1	61.8	63.5	66.0	64.1	61.9
38	69.3	64.1	64.1	55.5	53.7	53.3	51.4	57.5	59.4	64.1	66.3	66.8	61.3
39	69.9	62.8	62.2	60.8	57.8	53.3	53.8	57.9	59.0	63.0	63.0	68.4	62.9
平均氣溫 1915	-22.4	-16.1	-7.0	2.6	10.1	16.2	10.2	18.4	13.7	4.8	-3.2	-12.9	2.0
37	-16.1	-13.2	-3.3	3.4	10.2	13.8	11.0	19.9	13.1	4.6	-3.1	-17.5	2.3
38	-17.5	-14.1	-3.2	4.9	11.5	15.7	22.0	21.3	14.1	4.6	-3.6	-18.9	3.2
39	-18.1	-12.9	-4.5	5.3	10.4	14.6	22.4	21.9	13.0	4.8	-5.5	-11.6	3.1
40	-20.1	-12.8	6.1	3.4	...	14.0	22.7	18.4	12.4	4.1	-4.4	-13.0	...

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

184

RESTRICTED

STAT

304

RESTRICTED

Sui-fen-ho

蘇 芬 河

Average highest atmospheric temperature

Average lowest atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

Vapor pressure

Average humidity

Minimum degree of humidity

Average cloud density

Average wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
最高氣溫	1936	-16.3	-11.1	-2.0	8.4	15.1	21.0	24.4	24.1	19.1	10.7	-0.1	-7.7	7.8
平均	37	-10.7	-6.5	-4.0	9.7	18.0	21.1	23.8	23.5	19.2	12.4	0.7	-13.0	8.1
38		-12.3	-8.5	-4.8	10.7	19.8	22.0	25.9	25.9	17.3	13.1	0.0	-12.2	8.9
39		-13.5	-7.3	1.1	12.1	16.3	19.3	27.3	27.4	18.0	11.0	0.3	-6.5	8.8
40		-15.8	-7.7	1.8	9.4	—	19.8	25.3	24.4	20.6	12.5	0.7	-8.4	—
最低氣溫	1936	-23.6	-20.0	-11.3	-2.2	5.5	11.1	14.0	13.4	9.5	0.0	-10.1	-17.6	-2.5
平均	37	-20.7	-18.6	-13.0	-3.5	4.4	10.5	15.7	14.8	7.0	-0.4	-10.0	-18.8	-2.9
38		-22.4	-19.0	-7.9	-0.4	5.9	9.7	18.3	17.9	8.2	0.7	-9.6	-21.0	-1.8
39		-23.8	-17.8	-9.9	-0.6	4.6	10.1	18.4	15.4	3.6	-1.7	-10.2	-18.3	-1.9
40		-23.7	-18.7	-10.2	-2.0	—	10.3	15.7	12.9	6.3	-0.3	-9.5	-17.7	—
最高極限	1936	-4.7	-5.4	8.8	16.2	23.5	32.1	39.3	39.8	26.4	19.7	10.6	1.7	29.8
37		-0.3	7.1	5.8	21.5	23.5	30.7	32.2	30.9	24.5	22.4	17.0	-1.4	32.2
38		-0.6	1.7	15.3	19.5	29.4	29.6	35.7	34.8	26.8	21.3	15.2	-2.3	33.7
39		-3.8	3.6	8.9	22.4	26.9	27.2	34.5	32.6	23.5	24.9	16.4	1.1	34.5
最低極限	1936	-30.6	-26.4	-23.2	-6.5	-0.7	5.4	8.2	7.8	3.5	-7.3	-18.0	-26.2	-20.6
37		-26.1	-24.9	-21.4	-8.1	-1.0	2.9	12.1	6.7	1.1	-7.9	-19.2	-28.8	-22.8
38		-27.1	-30.1	-18.0	-7.2	1.3	4.7	8.9	3.4	-7.3	-15.3	-29.1	-30.1	—
39		-30.8	-27.9	-16.5	-14.3	-1.8	5.9	12.5	7.6	-0.1	-11.9	-17.9	-22.4	-20.6
水汽壓力	1936	0.7	1.1	2.0	3.6	6.7	10.6	14.4	12.9	10.1	4.5	2.5	1.4	5.9
37		1.1	1.3	1.7	3.1	6.0	10.8	15.3	15.4	8.3	4.1	2.0	1.0	5.9
38		1.0	1.3	2.3	3.5	6.5	9.3	13.9	15.5	8.5	4.8	2.4	1.0	5.8
39		0.9	1.3	2.3	4.1	5.7	9.9	16.0	13.2	9.3	4.0	2.4	1.5	5.9
平均濕度	1936	76	78	70	66	74	78	87	83	86	60	74	78	77
37		79	76	72	62	66	81	82	72	62	60	75	73	—
38		77	79	60	56	64	72	73	84	80	61	75	74	72
39		78	72	70	62	62	81	80	72	82	62	69	73	72
40		78	74	39	59	—	85	87	83	79	65	75	77	—
最小濕度	1936	42	41	32	23	29	37	57	46	43	31	36	42	23
37		55	33	34	24	26	39	49	49	32	27	25	46	24
38		43	40	21	19	20	27	31	41	42	27	33	41	19
39		45	36	30	23	30	32	41	35	39	27	35	41	20
平均雲量	1936	4.1	4.5	4.7	5.9	8.0	6.8	7.8	6.4	6.6	3.7	5.4	3.1	5.6
37		2.1	4.0	5.9	2.8	7.5	6.7	6.5	6.9	5.1	4.7	3.3	3.7	5.2
38		3.3	3.9	4.3	8.8	7.9	6.7	6.4	8.0	7.2	3.8	4.5	3.4	5.5
39		3.4	2.8	5.9	5.6	6.5	8.0	7.7	5.4	7.3	3.7	4.4	3.3	5.3
平均風速	1936	5.4	3.2	4.0	3.2	3.2	2.3	2.3	2.0	2.3	3.4	2.7	3.9	3.3
37		4.1	3.2	3.5	4.0	3.6	2.1	2.5	2.6	2.8	3.3	4.0	5.4	3.4
38		4.5	4.2	3.6	5.2	3.5	2.4	2.3	1.9	2.4	3.2	3.4	4.3	3.4
39		3.9	4.2	3.7	5.3	2.9	2.7	2.7	1.9	2.2	3.1	4.5	4.5	3.3
最大風速	1936	13.8	4.2	13.3	14.6	14.2	11.7	7.5	10.9	9.2	13.2	15.8	12.5	15.2
37		11.2	13.8	11.5	13.8	17.1	9.2	10.0	12.7	10.8	14.2	15.1	17.5	17.5
38		12.2	15.3	12.3	17.9	18.7	18.0	9.2	8.1	8.2	14.8	12.5	13.0	18.0
39		14.2	15.5	14.5	11.8	12.7	11.7	10.5	9.3	11.9	14.8	15.7	16.7	15.7
降水量	1936	1.5	7.6	15.0	22.0	108.2	140.5	169.3	73.2	121.2	26.6	31.0	7.8	242.1
37		0.1	1.9	18.9	21.5	18.5	29.1	24.2	102.0	24.2	45.4	3.7	7.9	299.1
38		8.8	13.7	14.2	28.1	37.1	43.4	45.8	225.1	161.0	21.9	11.3	7.9	232.3
39		5.4	0.4	3.1	29.3	51.5	27.6	137.1	81.3	231.1	27.9	19.2	10.0	294.1
40		2.4	2.7	5.3	24.9	—	112.4	94.1	51.1	142.2	33.4	49.5	24.0	—
最大日雨量	1936	0.5	2.1	6.4	6.4	22.4	28.7	37.3	47.2	33.4	13.9	27.4	4.5	28.7
37		0.1	0.8	12.2	13.6	19.7	12.2	22.5	18.1	18.4	8.1	3.9	22.5	—
38		7.2	7.8	7.6	14.2	7.6	19.3	19.8	27.4	52.2	20.1	2.2	2.8	27.4
39		3.4	0.3	2.1	8.9	12.3	22.1	43.9	24.9	24.1	—	7.4	3.4	27.4

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

185

RESTRICTED

STAT

RESTRICTED

Sui-fen-ho

806

蘇 河

Insolation capacity
(in hours)

Percentage of insolation
capacity

Evaporative capacity

Maximum evaporative
capacity per day

Average minimum
earth temperature

Average ground level
temperature

Underground temper-
ature

" "

" "

" "

" "

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照時數 1936	198.0	205.5	248.3	217.3	166.0	233.7	184.5	237.3	188.3	215.7	151.3	186.9	2118.4
37	230.7	208.9	214.0	229.4	205.4	222.7	252.7	231.4	222.7	212.8	191.5	178.4	2000.4
38	189.8	180.5	226.9	209.6	171.5	233.0	247.8	222.0	151.7	210.5	155.7	189.4	2122.0
39	196.0	220.0	197.5	224.1	203.0	155.8	226.1	279.3	133.3	226.3	170.1	176.3	2008.4
40	145.5	214.0	222.7	227.9	—	177.7	158.3	222.3	240.0	200.9	143.5	149.9	—
日照率 1936	47	68	66	54	36	51	39	55	50	64	53	68	54
37	81	71	28	54	45	48	54	54	60	61	69	65	59
38	66	62	64	51	38	50	53	28	41	62	54	61	51
39	69	75	54	50	44	34	48	65	36	67	59	64	56
蒸發量 1936	20.7	23.4	26.4	29.8	135.4	124.3	122.6	125.5	20.5	21.1	40.7	27.1	278.9
37	25.8	25.5	23.5	112.6	157.8	121.9	162.9	132.0	101.9	22.6	57.9	25.1	1070.0
38	21.5	22.7	26.3	126.9	141.1	120.2	213.3	27.5	64.3	68.8	28.7	17.4	1092.7
39	18.6	20.8	20.6	115.7	100.3	117.2	152.3	159.2	59.7	28.9	40.2	26.9	1112.0
40	18.5	28.7	27.0	122.7	—	114.7	153.4	120.0	128.3	104.6	43.0	28.7	—
蒸發最大日數 1936	1.2	1.5	3.3	6.6	10.3	7.9	(7.5)	6.4	5.1	4.4	2.8	1.5	10.3
37	1.2	1.6	3.1	7.4	8.8	7.1	(7.5)	6.6	5.7	4.7	4.3	1.3	8.8
38	1.3	2.4	5.6	9.7	8.1	10.7	12.0	7.9	4.0	4.2	3.6	1.1	12.0
39	1.2	2.2	4.2	9.0	10.4	9.1	10.2	8.3	4.2	5.4	3.4	2.9	10.4
平均最低地溫 1936	-25.3	-22.7	-13.7	-4.8	3.6	9.6	13.3	10.6	6.3	-4.8	-3.3	-20.5	-6.1
37	-21.8	-21.9	-10.3	-5.2	1.3	8.3	14.1	12.4	4.7	-5.0	-3.9	-24.2	-5.8
38	-25.8	-22.1	-12.1	-2.9	4.1	8.2	14.6	15.6	6.0	-2.5	-11.2	-22.6	-4.1
39	-25.0	-19.1	-11.7	-5.0	3.1	9.2	17.6	13.7	7.6	-6.9	-12.2	-19.0	-3.6
40	-26.1	-21.9	-14.0	-5.2	—	8.3	13.3	10.8	4.2	-2.4	-11.3	-18.9	—
平均地面溫度 1936	-18.1	-14.5	-6.4	0.6	7.5	15.1	19.1	19.4	14.7	4.4	-2.9	-10.3	2.4
37	-14.8	-12.3	-5.6	1.3	8.4	17.4	21.0	20.6	13.8	5.9	-1.5	-10.9	3.2
38	-14.7	-11.9	-2.6	3.8	10.2	17.2	24.0	22.6	13.9	5.6	-3.3	-10.7	3.2
39	-16.8	-12.7	-2.8	4.7	11.7	18.3	24.2	23.1	14.3	4.5	-3.3	-9.4	4.4
40	-17.4	-12.2	-2.2	3.0	—	16.2	22.1	19.7	13.6	4.8	-3.0	-10.8	—
地中溫度 (0.1m) 1936	-16.3	-12.4	-6.5	-0.5	3.9	14.2	18.1	18.9	14.6	5.4	-1.2	-7.7	2.6
37	-11.2	-10.7	-6.5	-0.1	5.2	14.3	19.3	20.6	14.3	6.4	-0.7	-10.3	3.4
38	-11.5	-11.3	-3.0	3.0	9.2	15.6	21.6	21.4	13.8	6.5	-1.4	-10.0	4.3
39	-14.6	-10.9	-3.7	2.4	8.7	14.5	22.2	22.0	14.2	5.5	-1.7	-8.1	4.3
40	-15.2	-11.8	-4.2	1.3	—	14.3	20.2	19.8	15.6	7.2	-0.9	-8.2	—
地中溫度 (0.2m) 1936	-14.0	-12.6	-6.3	-0.7	4.7	13.6	17.6	18.7	14.7	6.0	-0.1	-6.2	2.9
37	-10.4	-9.9	-6.2	-0.4	4.9	13.0	18.8	20.3	14.8	7.1	0.4	-8.3	3.7
38	-12.0	-10.7	-3.7	1.4	7.0	14.4	20.5	21.8	12.6	5.9	2.2	-5.2	4.3
39	-13.2	-10.6	-4.1	0.8	7.4	13.8	21.6	21.4	14.5	6.2	-0.4	-6.7	4.0
40	-13.4	-11.3	-4.7	-0.1	—	13.3	19.4	19.6	16.0	8.2	0.3	-6.7	—
地中溫度 (2.3m) 1936	-2.9	-1.5	—	-0.7	4.4	12.9	16.1	18.0	14.6	6.9	1.1	-4.3	—
37	-2.0	-2.9	-1.8	-0.6	3.0	11.9	17.8	19.5	14.7	7.4	1.8	-7.4	3.7
38	-11.6	-10.6	-3.8	0.8	6.9	13.6	19.7	20.7	14.3	7.4	0.3	-7.4	4.2
39	-12.7	-10.0	-3.6	0.9	7.0	13.3	20.8	21.0	14.8	6.9	0.3	-4.7	4.4
40	-12.1	-9.6	-4.4	-0.4	—	11.7	17.9	19.4	15.7	8.1	0.6	-8.3	—
地中溫度 (0.5m) 1936	-11.0	-10.3	-5.9	-1.2	1.6	10.1	14.8	17.0	14.3	7.7	2.1	-1.9	3.1
37	-6.1	-7.3	-3.0	-0.9	1.4	9.0	15.1	18.4	14.8	8.1	2.3	-5.8	3.9
38	-10.5	-10.0	-4.0	0.0	5.4	12.3	18.1	19.8	14.9	8.3	2.1	-6.5	0.5
39	-10.7	-9.4	-3.9	-0.6	4.9	12.1	19.3	20.1	15.3	8.3	1.9	-3.1	6.3
40	-9.8	-9.6	-4.4	-0.7	—	11.2	17.4	18.0	15.1	8.3	2.2	-5.3	—
地中溫度 (1.0m) 1936	-7.2	-2.5	-1.6	-1.6	0.0	8.2	12.8	12.8	14.7	7.1	4.3	1.3	2.4
37	-2.2	-2.9	-3.9	-2.4	0.0	8.2	12.3	14.1	12.9	8.3	4.8	0.0	6.2
38	-3.6	-2.7	-3.7	-1.9	1.4	7.0	13.0	13.8	12.6	10.1	5.1	0.2	2.2
39	-3.5	-2.3	-3.2	-1.3	1.4	8.8	12.8	17.0	12.5	10.2	4.8	0.8	6.6
40	-4.2	-2.4	-4.7	-1.3	—	7.6	12.5	—	16.0	9.2	5.0	0.5	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

186 RESTRICTED

RESTRICTED

308

Sui-fen-ho

蘇 芬 河

Underground temperature

" " "

" " "

" " "

No. of rainy days

No. of clear days

No. of cloudy days

No. of foggy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地中温度 (3.0m) 1936	1.1	-1.1	-2.0	-1.2	-0.5	1.3	6.4	10.5	11.8	10.0	7.0	4.5	3.0
37	2.5	0.7	-0.2	-0.3	-0.1	1.6	7.0	10.4	11.2	9.9	7.4	4.5	4.5
38	1.5	-0.4	-0.9	-0.4	-0.2	2.0	7.1	12.1	14.5	11.3	8.1	5.0	3.0
39	1.9	-0.1	-0.5	-0.3	-0.1	3.6	9.9	12.1	13.7	11.6	8.1	5.1	5.4
40	2.4	0.2	-0.5	-0.3	...	2.5	7.6	10.5	11.8	10.0	7.5	4.9	...
地中温度 (5.0m) 1936	3.9	1.8	0.6	0.2	0.2	0.7	3.4	7.1	8.5	8.8	7.5	5.9	4.0
37	4.1	2.0	1.8	1.2	1.0	1.4	4.0	6.9	8.0	8.9	7.7	6.1	4.0
38	4.1	2.4	1.3	1.0	0.9	1.6	4.1	7.7	11.8	10.6	8.8	6.8	5.1
39	4.7	2.8	1.7	1.3	1.2	2.2	2.2	6.3	8.4	10.6	8.8	6.8	5.5
40	4.5	3.0	1.7	1.3	...	1.9	4.6	7.1	8.8	8.8	7.9	6.4	...
地中温度 (4.0m) 1936	5.1	3.4	2.1	1.4	1.1	1.1	2.4	5.0	6.6	7.6	7.1	6.1	4.1
37	5.0	4.0	3.0	2.2	1.9	1.8	3.1	5.1	6.6	7.5	7.3	6.4	4.5
38	5.1	3.8	2.6	2.0	1.7	1.9	3.2	5.5	8.7	9.1	8.4	7.2	5.0
39	5.7	4.3	3.1	2.4	2.1	2.4	4.4	6.4	8.4	9.2	8.4	7.3	5.4
40	5.9	4.4	3.2	2.5	...	2.3	3.5	5.5	6.9	7.6	7.4	6.6	...
地中温度 (5.0m) 1936	5.6	4.4	3.3	2.5	2.1	1.9	2.3	3.8	5.2	6.2	6.5	6.0	4.2
37	5.4	4.7	3.9	3.2	2.7	2.5	2.9	4.3	5.5	6.4	6.7	6.4	4.5
38	5.6	4.6	3.7	3.0	2.6	2.5	3.0	4.4	6.4	7.6	7.6	7.1	4.9
39	6.2	5.2	4.2	3.4	3.0	2.8	3.7	5.2	6.7	7.8	7.8	7.3	5.3
40	6.4	5.3	4.2	3.4	...	2.7	3.1	4.4	5.5	6.4	6.7	6.5	...
降水日数 1936	4	7	7	9	14	13	19	11	16	9	8	4	121
37	1	3	9	8	20	17	17	13	9	9	3	5	114
38	7	8	4	11	14	13	19	18	7	10	6	6	120
39	5	2	8	11	16	18	15	8	23	6	6	12	130
40	9	6	8	12	...	19	14	12	4	9	12	9	...
快晴日数 1936	12	9	9	1	...	1	1	1	...	12	5	14	65
37	17	10	...	6	...	...	3	3	6	8	10	10	72
38	14	13	10	...	3	3	...	...	1	8	13	14	81
39	13	17	5	1	3	1	...	...	5	1	10	7	79
40	11	11	9	1	...	...	...	4	7	10	8	14	...
曇天日数 1936	5	5	7	7	16	11	16	9	10	8	7	3	101
37	1	5	6	10	14	11	9	14	16	8	3	3	89
38	2	5	6	13	20	14	12	12	13	3	9	5	121
39	3	3	13	9	13	19	19	7	10	3	3	4	112
40	11	2	4	12	...	19	18	14	5	9	9	8	...
雾日数 1936	...	...	...	3	3	12	12	12	8	1	1	...	58
雪日数 1936	...	...	...	...	2	1	...	...	...	1	...	...	4
37	...	...	...	...	1	1	...	...	...	1	...	...	4
38	...	...	...	...	2	3	...	...	1	1	...	...	6
39	...	...	...	...	1	...	...	...	...	1	...	...	4
40	...	...	...	...	...	2	...	...	...	...	...	...	...
霰日数 1936	1	...	2	4	...	...	...	...	...	2	2	...	11
37	...	...	1	1	1	...	...	...	...	...	...	1	4
38	...	...	1	3	...	...	...	...	...	...	...	...	11
39	...	...	2	1	1	...	...	...	...	3	2	...	11
40	...	...	1	1	...	...	...	...	...	...	1	...	...
不照日数 1936	1	2	2	2	4	1	1	1	1	1	2	2	19
37	...	...	3	2	...	4	2	1	1	...	2	2	17
38	1	2	2	2	2	2	2	6	2	2	2	3	28
39	...	...	1	2	2	2	2	2	1	1	2	2	21
40	4	...	1	1	...	2	1	3	1	3	4	4	...

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

187

RESTRICTED

RESTRICTED

007

Sui-fen-ho
綏芬河

Number of days of electrical storms

Number of stormy days

Number of earthquakes

Number of freezing days

Number of days with yellow dust storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
電雷日數 1936	...	...	...	...	...	...	...	...	...	...	...	...	15
37	...	...	...	...	...	...	...	...	...	...	...	...	22
38	...	...	...	...	...	...	...	...	...	...	...	...	18
39	...	...	...	...	...	...	...	...	...	...	...	...	18
40	...	...	...	...	...	...	...	...	...	...	...	...	18
暴風日數 1936	8	...	6	6	5	3	...	1	...	5	8	...	47
37	6	3	3	6	4	...	1	...	...	3	9	...	46
38	10	4	1	10	5	...	...	...	...	4	3	...	61
39	7	3	7	2	5	...	1	...	...	2	13	...	56
40	9	3	5	8	...	...	...	...	...	7	9	...	7
地震回數 1938	...	...	...	1	...	...	...	...	...	...	...	...	1
冰日數 1936	31	29	31	23	...	...	...	...	...	16	30	31	191
37	31	28	31	22	1	...	...	...	...	13	26	31	183
38	31	28	28	18	1	...	...	...	...	15	28	31	180
39	31	28	31	10	...	...	...	...	...	...	...	...	180
40	31	29	30	24	...	...	...	...	...	3	15	29	31
黃沙日數 1936	...	...	1	7	6	...	...	...	...	...	...	...	14

STAT

密 門
Yao-men

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 均 1914	59.1	47.8	46.6	43.4	39.4	36.5	36.8	37.3	42.4	47.4	49.5	49.8	44.0
15	50.0	49.0	46.4	43.5	39.7	36.8	38.0	39.0	44.2	48.1	52.4	51.7	54.8
17	51.5	50.0	46.4	41.8	39.4	37.3	38.6	39.2	44.7	48.2	52.2	49.0	44.7
18	51.6	50.6	48.2	43.4	39.3	36.1	36.9	41.2	41.2	45.6	50.1	51.4	44.7
19	51.1	48.1	45.8	40.5	40.0	46.4	40.6	40.3	44.0	44.8	48.3	52.6	44.6
20	50.8	55.2	49.0	44.2	41.4	37.0	38.4	38.6	45.9	49.9	49.5	52.1	45.9
21	51.3	49.3	46.8	43.2	40.3	39.5	39.6	40.1	45.8	49.4	48.5	51.4	45.4
22	55.1	49.4	46.4	43.0	39.5	36.1	37.6	40.2	44.2	45.1	50.1	50.1	44.8
23	52.8	50.4	47.4	44.0	39.7	36.3	36.8	39.4	43.8	45.2	47.5	49.7	44.4
24	51.1	48.3	49.8	41.9	40.0	39.2	38.7	40.3	44.2	48.8	48.2	50.8	44.9
25	53.1	51.6	48.2	44.8	40.2	37.9	39.2	40.2	43.8	47.5	48.8	48.4	45.2
26	51.7	50.0	46.8	41.0	40.0	38.8	37.2	38.1	42.1	46.1	50.3	51.5	44.5
27	50.7	50.1	48.5	44.4	39.5	37.1	37.1	39.3	43.1	45.0	47.9	50.2	44.4
28	52.1	50.7	47.5	43.9	38.7	37.6	37.4	39.7	42.7	47.4	49.2	51.7	44.9
29	52.1	49.8	47.5	42.2	40.7	38.5	37.7	38.6	43.5	47.3	48.9	53.3	44.8
30	52.0	51.5	49.1	43.6	39.6	37.2	37.0	38.5	43.0	47.4	47.7	51.4	45.1
31	50.9	52.4	48.4	43.9	40.7	37.1	38.2	39.9	42.7	47.4	50.5	52.7	45.1
32	49.8	53.5	45.3	40.4	38.4	38.5	35.9	39.4	45.9	45.1	47.0	52.4	44.3
水銀氣壓 高 1914	61.7	58.5	56.7	56.0	49.6	45.7	42.7	43.9	50.2	56.3	60.5	58.7	61.7
15	71.3	59.1	53.9	51.1	49.3	48.3	42.3	28.2	51.6	57.4	62.8	60.9	71.3
17	61.0	56.4	57.6	51.7	47.4	44.0	42.7	44.1	51.9	57.7	60.1	57.1	60.0
18	62.0	59.7	58.9	52.5	45.7	43.2	42.0	47.0	50.4	58.0	58.8	59.8	62.0
19	60.8	59.1	56.8	52.4	48.1	44.5	45.5	44.5	52.2	51.6	61.6	59.5	61.6
20	60.8	62.2	62.3	51.3	48.4	43.1	43.4	45.8	53.8	52.1	55.3	62.7	62.7
21	62.0	57.2	58.1	50.7	46.5	42.0	41.0	42.0	49.2	52.3	58.1	59.2	62.0
22	61.1	57.5	55.2	51.2	46.1	41.6	42.5	45.2	52.7	52.3	58.5	58.5	61.1
23	61.4	59.5	58.2	53.9	47.6	42.3	41.8	42.7	52.7	53.4	56.9	59.3	61.4

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

188

RESTRICTED

STAT

308

RESTRICTED

密 Yao-men 門

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean atmospheric temperature

Mean maximum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1914	53.3	18.0	61.0	49.9	48.5	46.3	46.4	45.5	50.9	55.3	60.3	58.4	52.3	
15	53.8	60.8	54.9	51.1	48.5	46.3	46.4	45.5	48.8	53.7	58.8	57.8	56.3	
16	51.6	57.5	56.5	51.2	48.5	46.2	45.5	46.1	56.8	56.6	58.1	59.9	61.6	
17	59.1	60.5	55.9	54.9	50.0	44.8	41.1	47.8	50.8	53.3	56.6	61.0	65.6	
18	61.8	61.3	56.6	55.0	49.9	46.6	41.7	46.0	50.1	54.9	59.8	61.3	61.8	
19	61.0	60.5	59.7	61.4	48.5	43.9	45.5	44.0	58.3	58.3	57.7	65.7	65.7	
20	59.5	60.8	61.0	53.9	48.7	45.1	41.4	45.6	51.7	55.0	58.4	60.6	62.6	
21	64.0	61.4	58.3	50.9	47.4	42.0	43.3	46.6	48.8	58.3	58.9	61.4	64.0	
22	59.6	61.4	54.0	49.1	51.3	45.7	41.7	49.9	51.4	55.0	54.6	60.8	61.4	
1914	43.6	36.0	43.8	32.7	31.8	30.7	28.5	25.1	19.8	37.3	34.9	36.7	34.9	
15	43.0	40.5	34.4	26.6	29.8	30.9	33.3	31.5	35.1	37.3	41.4	39.7	28.6	
16	41.4	34.1	37.0	33.7	33.0	26.5	29.9	28.5	31.1	38.8	44.5	39.0	20.5	
17	42.2	34.8	37.2	28.6	27.1	27.1	31.7	30.2	33.4	37.8	39.3	35.5	27.1	
18	45.6	37.3	28.0	27.2	28.2	28.2	35.1	24.6	35.4	36.3	39.1	41.0	27.9	
19	41.8	47.0	41.5	33.7	35.5	25.0	34.5	29.9	37.5	36.1	38.4	40.8	35.9	
20	38.4	29.6	35.2	29.4	32.8	33.6	32.8	34.6	35.1	37.5	37.4	38.2	29.4	
21	43.3	39.0	33.8	28.7	29.2	29.2	30.1	33.7	37.9	36.1	35.4	39.0	28.3	
22	38.0	32.1	35.3	32.6	27.1	28.7	30.5	28.5	30.4	34.3	38.0	38.0	27.1	
23	41.1	28.1	37.9	33.4	32.1	34.7	32.8	34.9	34.4	39.5	35.0	39.0	32.1	
24	41.9	38.6	36.5	35.9	32.7	29.8	32.5	34.5	37.3	38.1	35.0	38.1	29.8	
25	41.6	36.8	35.4	27.0	29.8	28.7	33.5	30.2	35.7	37.1	38.1	35.1	27.0	
26	41.5	42.2	38.7	28.5	31.6	29.3	28.8	28.0	34.9	31.2	37.5	40.3	29.7	
27	42.3	35.5	34.0	33.0	29.9	30.1	29.3	35.8	32.0	31.7	39.8	38.5	29.3	
28	38.3	41.3	31.7	26.7	33.4	26.3	31.0	30.7	32.6	38.5	39.7	42.9	26.3	
29	43.1	38.2	36.2	29.2	30.8	27.5	28.0	31.7	33.1	38.1	37.5	39.3	27.5	
30	41.1	42.6	29.7	35.2	28.2	31.6	31.4	33.6	32.7	38.2	40.3	43.8	29.7	
31	33.2	41.4	34.2	30.2	21.7	33.8	30.4	31.2	40.3	34.7	35.1	...	...
平均氣溫	1914	-22.6	-17.3	-10.1	2.9	12.7	18.8	23.4	20.6	14.2	5.6	-4.1	-10.9	2.8
15	-15.9	-14.1	-8.5	4.4	13.2	19.3	23.9	23.3	15.6	6.5	-3.2	-15.4	3.8	
16	-21.1	-14.5	-3.6	6.2	12.1	22.7	23.2	21.8	14.5	6.0	8.4	-18.1	3.4	
17	-19.8	-13.1	-1.3	6.8	13.7	18.8	22.4	21.4	14.7	6.3	-6.4	-15.8	4.0	
18	-21.3	-10.5	-3.8	4.3	12.6	19.3	27.7	22.4	15.2	6.8	-5.4	-15.2	4.3	
19	-15.0	-12.7	-1.0	8.6	17.4	19.4	25.3	22.0	12.9	6.8	-5.3	-14.9	4.7	
20	-14.5	-11.7	-5.8	6.4	15.6	21.3	22.7	22.2	14.4	5.9	-7.5	-13.9	4.6	
21	-21.1	-9.5	-4.9	8.1	13.8	21.7	22.9	20.9	12.7	12.1	-9.0	-14.7	2.8	
22	-18.8	-13.5	-2.4	5.0	14.4	19.4	22.9	21.6	13.4	4.7	-7.8	-14.9	3.7	
23	-16.0	-17.0	-6.6	4.0	13.0	22.3	23.0	21.8	15.3	4.0	-6.1	-14.7	3.6	
24	-19.0	-15.6	-0.1	8.1	14.8	22.1	23.0	21.1	15.2	6.9	-2.9	-13.4	4.5	
25	-18.2	-12.7	-4.8	5.1	17.7	21.1	24.4	21.8	15.4	3.6	-4.6	-17.1	6.3	
26	-16.7	-14.0	-4.0	8.4	12.3	20.3	23.6	20.8	15.8	6.4	-3.2	-15.5	4.4	
27	-18.6	-14.8	-3.3	7.1	13.4	19.7	23.2	22.3	15.6	4.9	-5.1	-15.2	4.1	
28	-19.3	-16.6	-4.0	5.3	14.1	20.7	23.6	20.9	13.2	6.3	-3.5	-14.0	3.9	
29	-16.9	-11.4	-1.2	7.9	15.0	20.1	24.1	22.0	15.3	7.2	-7.5	-15.7	4.9	
30	-20.6	-16.6	-4.0	4.2	13.1	19.0	23.0	22.3	15.6	6.6	-3.3	-15.0	3.4	
31	-11.9	-14.3	-5.2	5.7	14.0	21.2	23.8	20.7	16.0	6.7	-3.1	-10.5	5.3	
最高氣溫	1914	-19.1	-10.8	-4.3	7.3	18.1	24.0	27.8	22.2	11.7	1.0	-10.0	8.1	
15	-9.8	-7.2	-2.3	9.9	18.4	25.0	28.3	28.8	20.2	12.4	5.0	-2.2	10.0	
16	-15.2	-7.5	3.3	12.0	18.7	26.0	28.1	26.7	18.6	11.8	-2.8	-13.5	9.4	
17	-14.0	-5.1	4.3	13.3	19.1	24.0	26.8	26.3	19.5	12.7	-0.2	-10.2	9.6	
18	-15.6	-3.2	2.2	9.9	18.7	24.6	28.8	26.6	19.8	10.6	-2.2	-9.5	...	
19	-13.0	-	-	-	-	-	-	-	-	-	-	-	-	

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED

Yao-men

809

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1946	-10.9	-7.5	4.8	15.4	22.4	27.5	30.2	26.8	21.5	10.3	1.2	-11.8	10.9
17	-12.7	-8.1	2.2	14.0	19.5	25.5	28.0	27.1	22.5	11.7	-0.1	-8.6	10.0
18	-13.0	-10.0	2.6	12.2	20.0	26.7	28.8	25.8	20.4	13.3	3.4	-3.4	10.2
19	-10.3	-4.8	5.8	14.9	21.0	25.8	29.0	26.6	21.8	13.9	-3.1	-0.9	10.9
20	-14.0	-13.2	1.9	9.8	18.8	24.3	27.6	27.5	22.2	13.5	1.7	-8.9	9.2
21	-5.4	-7.5	0.7	13.3	19.7	27.0	27.9	26.1	22.4	12.9	3.4	-4.4	11.1
1914	...	...	...	...	...	...	...	...	...	...	...	...	...
15	-28.3	-21.6	-16.2	-1.3	6.8	13.2	18.6	16.6	8.5	0.2	-0.1	-17.0	-2.6
16	-31.7	-20.8	-14.9	-1.5	6.8	12.9	17.9	15.2	6.8	0.2	-0.7	-20.8	-2.1
17	-37.8	-20.8	-10.3	-1.1	4.0	15.1	18.7	17.6	8.4	0.7	-13.5	-22.8	-2.6
18	-25.6	-19.7	-6.9	-0.4	7.0	13.5	18.3	17.2	10.2	0.7	-11.4	-20.9	-1.5
19	-26.8	-17.5	-10.0	-1.0	5.5	13.2	20.5	16.6	8.4	1.4	-11.5	-21.3	-1.9
20	-21.8	-25.5	-8.1	1.0	9.4	12.7	19.8	15.9	6.8	0.2	-11.1	-20.2	-1.8
21	-21.0	-18.5	-12.0	-0.5	7.3	13.8	17.2	17.3	8.5	0.3	-12.5	-20.2	-1.6
22	-31.7	-15.5	-10.9	0.3	6.3	14.8	18.1	15.5	7.5	1.8	-14.3	-20.5	-2.4
23	-26.5	-10.4	-8.5	-1.3	7.2	13.7	18.0	17.0	7.3	-0.9	-11.9	-21.3	-2.3
24	-24.9	-13.3	-12.6	-0.1	7.0	14.7	19.9	16.9	8.0	-1.5	-11.1	-20.4	-2.3
25	-25.0	-22.7	-11.6	1.2	8.4	15.0	18.3	15.9	9.3	0.2	-8.7	-18.0	-1.5
26	-24.7	-10.7	-10.6	-2.0	9.5	13.0	18.1	17.2	10.2	-2.8	-9.9	-22.7	-2.0
27	-23.0	-20.4	-11.5	1.1	5.5	12.9	18.3	15.0	9.2	1.1	-8.5	-21.3	-1.8
28	-24.8	-21.4	-9.1	-0.6	6.3	12.9	18.0	17.8	8.8	-1.3	-10.4	-20.0	-2.0
29	-25.9	-23.4	-10.1	-2.3	7.6	13.5	15.4	16.6	5.2	0.1	-9.8	-19.8	-2.4
30	-21.6	-18.2	-7.8	0.4	8.2	13.6	19.0	17.6	9.3	1.0	-11.8	-21.7	-1.2
31	-27.8	-26.1	-10.1	-1.0	6.4	13.2	15.7	16.9	10.1	-0.1	-8.4	-21.1	-2.7
32	-18.5	-21.9	-11.6	-1.0	7.8	14.4	19.7	15.7	10.0	1.6	-9.1	-16.3	-0.8
1914	...	...	...	...	...	...	...	...	...	...	...	...	...
15	-4.1	0.7	3.0	12.1	26.8	29.2	30.9	33.0	26.6	23.0	14.5	6.4	33.0
16	-2.6	1.9	7.0	19.6	27.9	32.2	33.7	34.8	27.5	20.7	13.8	6.8	34.8
17	-4.8	2.1	14.3	23.4	29.9	35.9	39.9	38.4	26.0	22.8	7.2	3.1	35.9
18	-7.6	1.0	14.3	21.7	28.9	39.9	39.4	30.8	27.1	21.7	15.9	1.0	30.8
19	-4.1	0.6	14.5	17.4	28.9	31.7	...	...	...	...	...	...	...
20	-1.6	-0.4	...	...	...	31.4	...	...	...	...	...	...	...
21	...	...	...	...	...	31.5	37.6	35.9	31.7	27.2	22.9	11.2	37.6
22	2.1	0.0	19.8	26.1	27.9	35.0	31.8	32.8	30.0	22.9	13.4	0.4	35.0
23	-2.0	2.0	14.8	25.7	30.5	32.4	33.7	32.8	27.4	22.0	12.7	-2.5	33.7
24	2.5	1.2	15.8	22.3	31.2	33.6	32.4	32.7	26.7	22.1	11.7	1.2	33.6
25	-2.1	5.3	17.2	26.4	30.3	34.0	32.7	32.7	26.4	22.4	12.7	1.7	34.0
26	-2.1	-2.6	11.8	21.6	26.4	31.5	32.2	32.2	28.7	22.7	12.2	2.7	32.2
27	1.7	2.9	11.4	25.2	30.6	34.1	31.2	31.2	27.7	20.2	12.7	3.9	34.1
1914	...	...	...	...	...	...	...	...	...	...	...	...	...
15	-28.1	-28.0	-25.3	-7.7	-0.7	8.0	12.6	8.9	3.1	-10.1	-22.2	-21.2	-28.1
16	-20.7	-27.6	-22.0	-10.8	-1.9	8.1	14.0	11.8	-0.4	-7.5	-21.3	-24.4	-24.4
17	-16.1	-20.0	-18.9	-11.1	-1.4	5.1	12.8	14.3	3.5	-7.9	-20.0	-21.7	-24.1
18	-15.6	-22.4	-21.2	-7.4	-1.4	7.3	14.6	12.1	3.7	-7.6	-19.9	-27.0	-15.6
19	-14.2	-21.5	-18.8	-10.1	-2.4	6.1	15.0	11.7	2.9	-10.8	-22.6	-22.7	-24.2
20	-11.7	-25.5	-21.8	-2.7	-2.6	2.8	11.8	11.4	-2.8	-7.4	-22.6	-22.6	-25.5
21	-22.4	-23.1	-18.6	-2.7	-0.9	2.9	12.2	10.2	2.4	-8.2	-22.8	-21.1	-21.1
22	-22.1	-27.3	-21.0	-7.1	-2.4	1.9	11.8	9.5	-2.2	-2.7	-22.7	-22.9	-22.9
23	-24.4	-27.3	-21.2	-6.7	-2.0	2.5	12.7	11.2	-1.2	-11.9	-27.3	-21.5	-24.4
24	-21.6	-20.0	-22.1	-2.2	-1.2	2.0	12.8	12.7	2.7	-12.2	-22.0	-22.4	-21.6
25	-22.5	-22.9	-22.8	-2.2	2.5	2.2	13.7	11.6	2.1	-2.2	-22.2	-22.7	-22.7
26	-21.7	-22.1	-18.9	-2.7	-0.2	2.2	13.5	12.7	-1.2	-12.2	-22.1	-22.1	-22.1
27	-21.7	-22.2	-22.5	-2.5	0.7	2.5	14.7	9.2	1.7	-2.4	-22.2	-22.9	-21.7

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

190

RESTRICTED

STAT

810

RESTRICTED

Yao-men 門

Low limit of atmospheric temperature

Mean cloud density

Mean wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	-24.2	-29.4	-22.2	-6.9	-0.5	5.2	13.9	10.7	-2.3	-16.6	-28.7	-25.2	-24.2
29	-35.5	-34.1	-25.1	-11.0	-4.1	7.4	15.8	9.8	-0.3	-9.1	-27.7	-29.3	-35.5
30	-31.4	-27.2	-19.3	-10.3	1.8	8.6	15.2	12.2	1.8	-7.8	-20.6	-31.8	-31.8
31	-28.3	-25.7	-25.1	-7.9	-1.1	7.6	12.8	7.6	5.0	-11.2	-23.2	-28.3	-28.3
32	-29.0	-28.1	-20.3	-8.3	0.1	9.8	13.1	10.3	6.4	-3.1	-17.8	-24.5	-29.0
平均数	1914	...	...	...	...	...	...	...	...	...	...	...	...
15	4.3	4.9	6.2	5.7	7.2	7.1	7.8	7.9	5.0	4.3	5.0	4.1	5.8
16	3.5	5.1	4.5	6.0	7.6	6.6	6.9	5.8	4.8	4.7	3.9	4.5	5.3
17	3.5	4.4	5.4	7.4	5.7	5.5	8.1	6.1	4.1	4.9	2.8	4.2	5.6
18	1.9	3.2	4.6	5.1	5.8	6.3	7.1	6.3	6.0	4.0	4.1	3.5	4.8
19	3.2	4.1	4.6	5.0	5.9	5.8	4.2	4.3	4.2	5.7	4.3	3.2	4.6
20	2.6	4.3	3.5	3.4	3.9	7.3	7.5	5.4	5.1	3.2	5.0	3.1	5.0
21	2.3	2.5	4.4	5.5	5.3	6.8	7.5	6.0	5.8	5.0	3.8	3.4	4.9
22	1.4	4.1	4.1	5.3	7.1	7.2	6.6	4.8	4.3	3.9	3.4	2.6	4.8
23	2.2	4.1	4.3	5.4	6.7	6.9	6.9	6.8	6.0	4.6	5.7	2.9	5.2
24	3.5	3.3	3.7	7.2	6.2	5.6	7.2	5.3	4.0	4.4	5.7	3.2	5.0
25	1.8	3.1	4.9	5.3	7.3	5.6	7.5	6.3	6.1	4.9	4.4	4.0	5.1
26	2.4	3.7	4.2	5.4	6.2	5.6	5.3	6.2	5.5	4.1	3.8	3.0	4.6
27	2.1	2.5	3.7	4.9	7.1	6.1	6.3	4.4	4.3	5.0	3.7	2.7	4.4
28	4.1	3.6	4.9	4.2	6.5	6.6	7.0	6.9	4.2	4.5	4.6	2.8	5.0
29	2.2	4.2	3.7	5.2	6.2	6.5	7.5	6.3	4.5	3.5	2.9	3.9	4.7
30	1.7	5.1	4.4	6.1	6.7	6.7	6.6	6.7	6.7	3.3	4.5	3.0	5.0
31	3.3	2.4	2.2	5.2	6.1	6.9	5.1	5.6	6.1	3.1	3.2	2.6	4.4
32	2.9	2.7	3.9	5.2	6.2	4.9	8.4	5.0	4.8	5.0	2.8	3.8	4.7
平均数	1914	...	...	...	...	...	...	...	...	...	...	...	...
15	3.2	3.9	3.7	4.7	4.0	3.9	3.5	2.8	3.3	3.6	3.8	3.7	3.7
16	2.7	2.3	3.1	4.0	4.1	3.4	3.7	3.6	2.3	2.6	3.0	2.8	2.8
17	2.3	1.8	3.6	3.7	3.0	3.0	2.7	1.3	1.5	2.7	2.4	1.5	2.5
18	1.3	1.6	...	3.1	...	...	1.4	1.3	2.3	2.9	3.0	2.4	...
19	1.4	3.0	3.9	3.6	4.3	1.8	1.9	2.9	2.2	3.2	4.6	3.7	3.0
20	3.0	3.2	3.9	5.3	3.4	4.0	4.0	3.7	2.1	3.8	3.5	3.5	3.6
21	3.6	3.1	4.8	7.1	5.1	3.4	3.4	2.5	2.3	3.9	3.8	3.2	3.9
22	2.7	4.6	4.5	4.4	6.7	5.0	2.7	2.0	2.5	4.4	3.7	2.1	3.7
23	3.0	2.7	4.9	5.1	4.6	4.6	3.6	2.4	2.8	3.7	3.8	4.4	3.8
24	2.6	3.2	2.5	5.7	4.1	2.9	4.0	2.7	3.2	5.1	4.4	3.6	3.7
25	1.8	3.0	2.4	5.5	3.7	2.9	2.7	1.7	2.2	2.9	3.0	3.6	3.0
26	1.8	2.5	2.1	3.9	4.3	3.2	2.2	1.7	1.5	2.3	1.4	2.3	2.4
27	1.5	2.1	2.2	2.8	3.3	2.4	1.9	1.4	1.6	2.3	2.1	2.0	2.1
28	1.2	2.7	3.7	4.2	4.3	3.1	3.7	1.5	2.5	2.9	2.7	2.5	2.9
29	2.1	1.6	3.4	4.1	3.4	3.3	2.4	1.9	1.4	2.1	2.6	3.0	2.6
30	2.2	2.7	3.1	2.9	4.3	2.8	2.7	1.9	2.2	2.6	3.1	1.5	2.2
31	1.6	1.4	3.3	5.2	4.4	2.4	3.3	3.2	3.0	4.2	3.3	2.3	3.1
32	4.5	2.1	4.3	5.3	5.9	3.9	2.2	1.9	1.2	2.9	4.7	2.2	3.5
降水	1914	...	...	...	...	...	...	...	...	...	...	...	...
15	7.6	7.4	6.7	15.6	20.3	28.6	190.1	182.0	101.2	62.4	33.1	1.7	...
16	5.2	2.7	6.2	11.1	23.9	24.4	74.5	125.4	72.7	14.4	2.8	2.9	102.3
17	2.9	0.7	6.6	3.6	24.2	29.0	291.5	124.2	22.3	29.6	7.1	16.0	242.2
18	...	...	3.9	13.5	22.2	196.0	211.2	124.4	124.5	24.0	12.1	...	...
19	3.1	0.5	7.7	25.0	21.5	20.6	22.5	21.2	22.2	22.0	10.0	1.2	212.0
20	10.6	2.6	2.2	22.2	24.2	25.3	121.2	24.2	21.2	22.0	12.0	1.2	212.0
21	1.2	1.0	6.9	2.0	20.4	23.3	121.2	24.2	21.2	22.0	12.0	1.2	212.0
22	2.7	7.9	0.2	12.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
23	4.7	3.7	43.2	4.2	42.7	121.2	122.2	122.2	122.2	122.2	122.2	122.2	122.2
24	2.1	2.9	7.2	12.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
25	0.1	2.4	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
26	10.1	12.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

171 RESTRICTED

STAT

RESTRICTED

Yao-men

Rainfall

Maximum rainfall per day

Number of rainy days

Number of clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1937	1.0	0.1	12.1	7.7	43.0	58.2	176.4	89.7	40.4	45.0	3.3	3.5
38	12.4	6.3	4.9	36.1	15.3	40.6	99.7	133.3	14.2	71.3	7.5	39.9
39	8.1	5.3	0.0	1.0	88.0	80.6	155.4	118.0	38.8	26.3	0.0	0.4
30	0.1	4.9	11.4	17.6	84.5	67.9	181.9	35.6	45.7	29.8	20.3	3.1
31	13.8	0.6	9.4	29.9	62.7	102.7	77.5	63.4	81.0	6.1	5.8	0.5
32	0.2	4.2	10.5	22.8	92.2	74.4	170.2	64.8	31.5	42.8	0.2	2.4
1914												
15	3.9	3.3	1.6	17.9	26.0	31.3	41.0	31.7	57.7	42.1	12.2	0.8
16	2.5	1.1	2.0	8.8	23.2	24.3	18.9	46.6	21.1	8.7	2.8	1.7
17	1.1	0.6	4.3	1.6	11.7	24.2	70.0	94.0	16.8	12.9	6.7	0.8
18				2.9	4.2	29.8	40.5	52.1	54.3	48.7	7.6	8.0
19	1.3	0.2	3.4	18.5	9.3	19.4	20.9	42.5	18.6	6.1	3.8	1.2
20	5.2	1.2	2.8	6.9	14.6	21.1	39.8	9.7	16.7	14.3	8.1	1.1
21	1.1	0.4	6.9	4.8	10.3	15.7	47.6	31.8	25.6	8.5	1.4	2.1
22	1.1	4.0	0.6	0.3	14.6	10.5	51.0	30.2	21.6	16.7	7.1	2.2
23	2.5	1.1	25.2	3.3	23.6	28.5	41.6	49.3	10.7	27.2	12.8	5.9
24	2.8	5.8	5.9	6.5	5.9	31.2	62.5	47.6	12.7	9.6	3.7	5.1
25	0.1	2.5	15.3	10.9	7.8	27.0	54.1	40.4	17.5	13.3	4.6	2.0
26	3.5	6.7	2.3	5.0	34.6	40.1	34.4	18.5	11.3	5.5	4.0	4.1
27	1.0	0.1	6.9	0.3	13.8	10.5	56.0	42.9	15.6	12.0	1.4	1.1
28	4.2	3.0	3.5	25.0	3.7	9.1	18.4	32.6	4.1	29.8	4.0	2.3
29	3.4	2.0	0.0	0.6	16.3	12.6	47.4	31.6	11.4	7.5	0.0	4.7
30	0.1	1.5	8.1	17.4	20.6	8.5	69.0	91.5	17.7	22.3	5.5	1.6
31	8.9	0.6	5.9	13.5	18.0	30.4	8.3	21.2	15.1	34.1	1.0	91.5
32	0.2	3.4	7.8	10.5	44.3	15.3	54.8	21.7	9.8	12.0	0.2	2.4
1914												
15	12	8	10	13	15	20	18	12	11	5	15	4
16	5	5	4	8	14	13	14	11	10	5	1	3
17	7	2	3	3	3	9	26	21	11	5	1	97
18				2	8	18	21	15	20	6	5	101
19	4	3	5	8	10	15	8	10	6	8	5	4
20	0	4	1	5	15	16	10	9	16	6	0	86
21	2	3	1	5	18	8	15	14	10	9	7	89
22	4	2	1	7	12	9	19	14	10	4	4	88
23	3	7	6	3	11	14	21	21	10	8	4	111
24	5	2	3	9	12	11	18	13	7	8	7	101
25	1	1	4	8	14	12	12	11	4	4	4	88
26	7	7	7	4	9	8	10	17	15	5	4	93
27	1	1	6	3	13	12	15	12	12	11	4	93
28	7	6	3	4	10	9	13	17	7	6	4	94
29	6	2			16	17	17	15	10	7		103
30	1	5	5	3	11	17	13	19	10	2		99
31	5	1	2	6	15	18	6	10	16	5		93
32	1	2	6	5	11	10	20	15	9	12		93
1914												
15	11	7	3	1	1	1	1	8	10	7	16	10
16	18	10	6	8	1	4	8	1	7	12	10	10
17	12	11	6	8	1	4	8	1	7	13	7	10
18	17	12	9	5	6				10	7	18	12
19	12	7	9	4	2	2	2	7	9	6	6	14
20	5	9	12	3	7	8	1	4	8	7	7	14
21	12	12	11	11	11	11	11	11	11	11	11	11
22	24	10	11	11	11	11	11	11	11	11	11	11
23	7	7	7	7	7	7	7	7	7	7	7	7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

192

RESTRICTED

812

RESTRICTED

STAT

Yao-men

Number of clear days

Number of cloudy days

Number of foggy days

Number of days with hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1924	13	10	11	8	1	4	...	5	7	9	5	12	80
25	20	13	7	3	...	...	...	1	3	15	9	10	85
26	17	14	10	4	1	1	5	5	4	12	9	15	87
27	19	13	13	9	1	2	4	7	8	9	12	15	112
28	11	13	7	10	...	...	...	1	3	10	8	15	89
29	10	11	11	5	3	1	2	2	7	11	16	13	101
30	23	3	4	2	...	...	...	2	1	3	7	11	10
31	14	14	18	6	3	2	6	5	4	13	12	18	115
32	12	14	12	4	4	5	...	5	9	9	12	9	95
1914	...	...	...	...	...	...	...	...	...	...	...	...	...
15	6	5	9	9	13	12	12	12	8	5	6	5	108
16	4	8	3	9	16	9	7	8	5	4	5	5	84
17	2	5	6	12	3	4	10	10	4	5	1	4	73
18	3	8	6	10	8	11	7	9	9	3	4	...	59
19	3	3	5	8	7	7	4	5	5	8	5	3	61
20	6	3	4	9	7	15	13	5	4	3	6	2	75
21	2	4	5	7	9	15	7	7	12	7	12	3	81
22	4	1	7	10	12	12	7	5	4	10	3	2	66
23	1	2	4	7	9	15	14	10	6	5	8	3	84
24	5	2	4	15	11	6	15	6	2	2	8	4	80
25	1	3	7	7	11	6	15	7	6	1	5	4	73
26	1	4	3	5	8	3	7	10	6	7	4	2	80
27	1	...	5	7	9	9	11	5	1	9	5	...	62
28	5	3	7	5	7	10	15	11	3	6	5	1	78
29	...	5	4	6	7	12	15	10	1	4	2	5	71
30	2	4	5	7	10	11	12	4	5	6	5	...	82
31	3	1	2	6	10	10	5	7	11	4	4	2	66
32	2	2	4	6	10	5	25	5	5	8	10	1	77
1914	...	...	...	...	...	...	...	...	...	...	...	...	...
15	1	3	...	1	1	...	...	...	...	3	...	...	13
16	1	1	1	1	1	3	2	1	3	2	...	...	13
17	1	1	1	1	1	1	2	3	3	3	1	...	11
18	1	1	1	1	1	3	3	3	3	3	1	...	15
19	4	1	1	1	...	...	...	1	3	4	...	...	19
20	1	...	...	...	...	...	...	1	4	...	...	...	7
21	1	...	...	1	...	...	...	2	3	1	...	...	14
22	1	...	...	1	...	...	...	1	6	1	...	...	14
23	7	8	1	1	...	1	2	2	4	3	2	...	18
24	1	...	1	...	...	1	2	2	3	2	...	...	12
25	1	...	...	...	...	...	2	4	2	1	...	...	10
26	1	...	...	...	...	...	1	6	1	1	...	...	8
27	2	1	1	1	...	...	...	2	4	1	...	...	15
28	2	1	1	1	1	...	...	1	5	4	1	...	22
29	2	2	2	2	1	...	1	2	3	2	...	...	17
30	2	2	2	2	1	1	1	2	3	2	...	...	13
31	1	...	...	...	...	...	...	1	1	...	...	...	1
32	1	...	...	1	...	...	...	2	1	...	...	...	5
1914	...	...	...	4	2	...	1	...	...	...	...	...	7
15	...	...	...	1	1	1	1	1	1	1	1	1	1
16	...	...	...	1	1	1	1	1	1	1	1	1	1
17	...	...	...	1	1	1	1	1	1	1	1	1	1
18	...	...	...	1	1	1	1	1	1	1	1	1	1
19	...	...	...	1	1	1	1	1	1	1	1	1	1
20	...	...	...	1	1	1	1	1	1	1	1	1	1
21	...	...	...	1	1	1	1	1	1	1	1	1	1
22	...	...	...	1	1	1	1	1	1	1	1	1	1
23	...	...	...	1	1	1	1	1	1	1	1	1	1
24	...	...	...	1	1	1	1	1	1	1	1	1	1
25	...	...	...	1	1	1	1	1	1	1	1	1	1
26	...	...	...	1	1	1	1	1	1	1	1	1	1
27	...	...	...	1	1	1	1	1	1	1	1	1	1
28	...	...	...	1	1	1	1	1	1	1	1	1	1
29	...	...	...	1	1	1	1	1	1	1	1	1	1
30	...	...	...	1	1	1	1	1	1	1	1	1	1
31	...	...	...	1	1	1	1	1	1	1	1	1	1
32	...	...	...	1	1	1	1	1	1	1	1	1	1

#42 Weather Data for East Asia, Chapter V (Hansuwa), Published by the East Asia Research Institute, February 1942

STAT

193 RESTRICTED

RESTRICTED

312

Yao-men 門

Number of days with nail

Number of stormy days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1945													
20					1								1
27				1	1	1			1				4
28				2	1								3
29				2	1								3
30					1				1				2
31				1									1
32					1					1			2
1914													
15	1	1	3	2				1		2	1	2	13
16				2				1					6
17				1						1			1
18				2									2
19			1	3	3			1		4	3	1	17
20	1		3	5	3	4	6	2	1	3	2	3	31
21	1	2	3	11	4	4	2	1	1	3	2	2	36
22	1	4	4	4	13	11	1	1	1	8	2	2	48
23	1	1	8	9	4	3	5	2	1	6	3	3	46
24		2	1	9	3	4	5	2	5	9	3	4	47
25		1	1	4	4	4	1	1		1		1	13
26		1	1	4	4	4	1	1					14
27		2	2	1	3	2				2			10
28				5	4					1			14
29			2	7	4	3	1	1		1	1	1	21
30			2	4	3	2	1		1				18
31				3	2	1							8
32	2		1	3	2	1							9
1914											18	7	25
15	14	23	20	7						2	9	5	33
16	12	12	8	1							1	8	23
17	10	9	5										14
18											4	3	7
19	4	2	8							1	10	8	12
20	10	13	7	1							14	14	24
21	1	1	7	1							6	3	8
22	6	3								6	2	8	14
23	14	3	2							10	8	8	14
24	10	14	7	2							4	10	14
25	5	2	6								1	1	8
26	12	20	14							10	2	8	20
27	4		13							14	4	2	14
28	13	17	7							7	2	7	17
29	11	14	5	1							4	14	14
30	1	2	1	14							9	12	14
31	22	23	22	7						3	10	1	22
32			8							1	1	2	11

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

T'ai-ling

太 綏 綏

314

STAT

Barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
水 點 氣 壓 (+700mm)	1909	15.8	09.6	11.9	08.0	08.2	08.8	08.5	09.4	11.2	13.1	10.6	13.9	10.6
10	11.8	10.9	10.5	10.2	08.8	04.6	08.8	09.3	12.1	16.5	13.1	13.7	10.8	11.6
11	14.4	14.9	13.7	09.6	08.9	08.9	07.8	09.7	12.2	18.8	13.7	14.7	11.6	11.6
12	13.0	11.9	11.3	07.3	07.3	06.2	07.1	10.2	11.8	13.3	13.4	10.4	10.9	10.9
13	14.9	11.3	09.5	09.4	06.7	05.1	07.4	07.3	10.2	14.0	14.0	12.5	10.2	10.2
14	10.8	14.8	10.0	09.1	07.4	05.6	05.4	09.3	11.7	13.8	13.1	11.5	10.2	10.2
15	13.4	10.2	09.8	08.7	07.3	05.0	06.7	06.0	10.6	13.6	15.0	11.2	09.8	09.8
16	13.9	12.7	09.2	09.1	07.3	05.5	07.2	09.1	11.1	14.1	17.1	14.4	10.9	10.9
17	18.1	11.7	12.7	07.7	05.6	06.1	07.0	08.2	12.2	12.6	13.4	09.5	09.9	09.9
18	11.9	13.4	12.5	10.0	08.5	04.6	06.4	09.8	08.9	13.0	14.0	13.6	10.4	10.4
19	14.4	12.4	10.0	07.4	07.5	06.1	10.0	09.8	17.4	11.8	12.9	14.5	10.8	10.8
20	12.8	17.1	15.1	11.2	09.7	06.0	07.9	08.2	13.3	14.1	14.2	14.7	12.0	12.0
21	13.2	12.0	10.2	10.2	09.0	08.6	08.7	09.2	15.5	15.7	11.5	13.8	11.3	11.3
22	15.4	11.8	10.4	10.5	07.7	05.6	07.0	08.5	11.8	11.8	13.1	11.8	10.7	10.7
23	13.4	12.3	11.7	08.5	07.3	05.4	06.9	07.8	10.6	10.2	10.6	11.9	09.6	09.6
24	12.6	09.6	12.6	08.0	06.9	07.8	07.8	08.5	11.1	12.1	11.1	12.8	10.1	10.1
25	14.3	13.6	09.8	12.9	08.1	08.1	08.6	07.6	11.2	12.9	12.4	10.5	10.7	10.7
26	12.8	12.3	09.9	06.5	08.6	07.3	08.2	07.1	09.7	11.0	13.8	12.2	09.7	09.7
27	11.9	12.0	12.2	11.2	06.2	05.5	05.9	07.3	10.3	10.9	12.1	11.8	09.2	09.2
28	14.1	12.6	11.2	09.9	05.7	08.3	07.1	09.0	10.3	13.1	13.3	13.2	10.5	10.5
29	13.1	12.1	10.6	07.8	08.8	05.6	06.6	06.7	10.4	13.3	13.7	16.3	10.4	10.4
30	14.5	15.0	12.4	10.1	07.5	06.5	06.8	07.9	12.4	13.3	10.9	13.4	11.0	11.0
31	12.2	13.7	07.8	07.4	07.5	06.1	07.5	08.3	09.7	12.6	14.6	14.5	10.3	10.3
32	13.1	14.9	08.3	06.3	05.3	07.3	05.8	07.8	13.4	10.4	11.4	14.7	09.9	09.9
水 點 氣 壓 (+700mm)	1909	25.4	17.0	18.8	16.6	17.6	14.1	15.8	14.6	20.2	20.5	19.5	20.9	25.4
10	20.8	17.4	18.6	19.3	16.2	11.2	11.7	14.7	19.8	25.3	21.0	21.0	25.5	25.5
11	20.6	25.8	24.2	22.2	16.5	12.1	15.5	15.8	18.7	21.3	26.9	22.1	26.9	26.9
12	23.9	19.0	22.5	17.5	15.9	10.9	13.9	14.5	20.2	22.7	20.5	26.8	26.8	26.8
13	22.7	19.9	17.9	16.2	13.3	11.9	13.6	13.0	15.4	19.9	26.3	22.7	26.3	26.3
14	18.3	22.6	20.0	19.4	14.2	12.0	09.6	14.5	17.5	19.1	26.1	19.3	26.1	26.1
15	19.9	19.7	19.0	20.1	19.8	13.2	12.7	11.5	16.8	21.0	23.8	21.6	23.8	23.8
16	29.4	22.3	15.3	17.9	18.5	12.3	12.6	13.9	19.6	23.3	20.3	20.1	20.3	20.3
17	21.4	19.6	23.1	17.1	12.0	11.5	15.0	15.4	19.0	22.5	20.6	19.1	22.1	22.1
18	21.6	21.0	19.5	15.9	13.4	09.7	11.8	15.3	17.8	18.8	22.1	20.9	22.6	22.6
19	20.2	20.9	17.9	20.0	14.3	15.0	13.6	15.0	21.1	18.8	21.6	22.2	22.2	22.2
20	20.4	23.9	24.4	21.9	13.9	12.7	13.9	16.1	22.8	22.5	19.8	26.6	26.6	26.6
21	22.6	18.4	27.1	16.2	17.8	16.9	12.4	17.2	20.9	21.4	21.7	22.2	22.2	22.2
22	22.5	21.8	18.8	18.2	16.7	13.5	14.3	13.5	19.6	21.0	23.6	17.0	23.6	23.6
23	20.7	20.7	20.6	14.2	14.4	12.7	10.9	13.6	16.2	16.9	18.1	21.7	21.7	21.7
24	21.0	20.0	22.5	13.9	13.2	12.8	14.6	12.8	17.9	18.4	21.9	17.8	22.5	22.5
25	21.1	23.6	16.6	16.7	13.9	12.4	14.6	15.4	17.5	18.5	21.4	26.9	26.9	26.9
26	20.2	19.2	18.1	14.7	15.4	12.8	11.8	12.0	18.5	20.4	21.6	20.8	21.6	21.6
27	18.9	19.7	23.8	19.6	14.1	11.7	11.3	14.6	18.3	17.5	27.0	20.4	27.0	27.0
28	24.9	20.2	19.6	18.0	12.7	12.2	12.8	12.8	17.4	18.7	21.9	22.5	24.9	24.9
29	21.4	23.1	20.4	22.2	14.7	12.4	11.8	12.4	18.6	20.4	22.3	24.9	24.9	24.9
30	19.8	23.5	25.8	19.3	16.4	14.4	11.8	15.1	17.9	19.7	20.2	22.0	25.3	25.3
31	22.4	21.0	17.6	15.7	15.4	10.9	12.1	13.4	16.6	21.1	21.9	22.1	22.4	22.4
32	21.2	20.5	15.7	14.2	12.0	12.0	10.3	12.8	19.0	19.0	17.4	23.2	23.2	23.2
水 點 氣 壓 (+700mm)	1909	707.1	701.8	698.2	691.1	694.9	692.2	701.1	704.4	704.5	701.7	682.1	700.7	682.1
10	692.9	702.7	692.2	702.6	702.9	692.2	692.2	697.7	692.4	702.2	702.2	692.2	702.2	692.2
11	692.2	692.2	702.2	691.3	701.9	691.9	694.4	701.8	702.2	702.2	692.2	702.2	691.3	691.3
12	702.2	702.1	692.2	692.2	692.2	692.2	692.2	702.2	697.7	702.2	702.2	702.2	692.2	692.2
13	702.4	701.9	701.8	692.4	697.3	692.4	692.4	702.1	697.5	702.2	702.2	702.2	692.2	692.2
14	692.7	702.2	692.7	692.2	692.2	692.2	692.2	692.2	692.2	702.2	692.2	702.2	692.2	692.2
15	702.7	692.2	692.4	697.7	702.7	697.7	697.7	697.7	692.2	692.2	702.2	692.2	692.2	692.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

195

RESTRICTED

STAT

RESTRICTED

STAT

311

太 T'ai-ling. 嶺

Lowest barometric pressure of freezing point

Mean atmospheric temperature

Mean maximum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1916	701.2	704.9	699.0	693.5	697.7	697.5	704.8	702.3	700.9	701.4	703.8	697.7	693.5
17	703.8	697.8	702.9	700.9	699.8	697.4	699.6	697.9	699.2	699.4	700.3	699.1	697.4
18	702.3	700.4	699.3	698.8	697.9	697.3	701.1	706.1	698.8	700.6	700.1	701.5	698.8
19	705.0	704.3	694.6	697.6	697.6	700.7	704.0	704.1	701.4	701.4	699.7	701.4	694.6
20	704.8	709.1	708.2	700.2	701.3	695.2	701.9	704.4	705.3	701.5	701.9	701.3	695.2
21	702.1	695.8	699.4	699.5	699.6	703.8	701.9	705.1	702.7	707.5	700.6	697.9	695.8
22	708.0	701.1	699.6	695.9	697.9	697.2	694.5	701.5	705.7	704.3	700.4	701.7	691.9
23	701.4	701.3	699.1	698.3	697.6	698.1	700.6	694.9	703.5	690.6	698.1	700.5	690.6
24	704.1	698.5	701.1	698.4	699.9	703.8	702.1	703.2	702.3	705.8	699.3	696.5	696.5
25	705.1	702.8	701.2	703.0	698.2	697.8	703.8	701.7	699.4	701.1	701.5	702.1	697.8
26	701.8	699.7	699.0	693.1	690.3	697.1	701.4	698.6	702.3	703.3	701.5	690.4	692.1
27	701.7	704.9	704.6	698.2	698.3	696.9	698.0	694.3	699.6	695.3	691.7	701.7	691.7
28	703.9	698.0	696.5	701.6	694.0	700.1	699.9	703.1	700.7	695.8	701.9	699.1	691.9
29	699.7	704.4	696.0	693.9	701.7	699.2	701.5	699.6	700.7	702.8	704.8	708.0	693.9
30	708.1	703.3	700.6	698.5	698.9	696.5	700.7	701.6	701.2	702.3	701.7	705.7	696.5
31	701.0	707.7	698.4	702.0	700.8	699.3	701.7	700.4	698.3	702.6	704.6	706.9	698.3
32	696.4	701.9	698.0	697.4	696.7	702.3	700.3	700.9	708.4	701.4	698.6	706.9	686.7
平均氣溫 1909	-17.0	-14.8	-9.6	0.6	10.7	14.6	16.6	19.5	11.3	2.8	-5.7	-16.9	1.2
10	-18.8	-16.2	-8.8	4.5	12.0	14.7	18.5	18.0	11.0	5.8	-7.4	-19.4	1.2
11	-18.8	-13.6	-9.2	2.8	11.6	16.3	18.8	18.4	13.1	3.7	-4.0	-15.8	1.9
12	-16.3	-10.6	-6.9	3.4	9.3	15.1	18.9	18.7	9.7	0.9	-10.1	-17.7	1.2
13	-18.6	-14.5	-7.5	5.3	10.4	14.6	16.8	18.3	11.3	3.3	-6.6	-15.0	1.5
14	-14.0	-12.6	-6.4	5.5	12.7	16.0	18.9	19.0	12.7	5.8	-8.7	-16.1	2.8
15	-22.1	-16.5	-11.0	-0.8	8.3	15.9	19.4	18.7	12.1	3.8	-5.4	-13.2	0.8
16	-16.0	-14.7	-11.1	1.3	10.2	16.2	20.0	21.1	11.3	5.3	-4.8	-10.3	1.9
17	-20.3	-14.3	-7.2	2.7	8.4	18.1	20.4	19.4	12.0	4.4	-10.7	-17.2	1.3
18	-19.1	-13.7	-5.5	4.1	10.6	15.3	19.2	19.1	12.6	4.5	-7.0	-16.5	1.9
19	-21.9	-11.9	-5.9	1.8	9.1	16.0	22.4	19.5	12.5	5.9	-5.7	-16.1	2.1
20	-19.2	-16.4	-3.1	5.5	11.8	18.0	20.5	19.0	13.3	5.1	-6.0	-15.8	2.4
21	-16.0	-14.0	-7.9	3.7	11.5	17.4	20.0	20.7	12.9	4.1	-9.2	-15.0	2.4
22	-25.5	-11.1	-8.7	5.1	10.3	16.6	19.7	18.4	11.8	6.3	-10.4	-14.8	1.5
23	-19.2	-14.6	-4.9	2.0	11.1	15.4	19.7	19.4	10.9	4.3	-7.1	-14.5	1.9
24	-18.1	-17.6	-9.3	2.3	9.7	17.4	22.0	20.9	12.9	2.9	-7.2	-15.1	1.8
25	-19.2	-16.4	-9.9	2.5	11.8	18.0	20.5	19.0	13.3	5.1	-6.0	-15.8	2.4
26	-18.8	-12.7	-7.0	1.2	12.0	16.2	20.6	19.3	14.2	1.3	-6.6	-17.2	1.9
27	-18.4	-18.8	-7.5	2.8	10.6	20.4	18.3	12.2	5.8	4.0	-10.7	-16.7	1.8
28	-18.6	-15.8	-6.7	4.4	9.5	14.0	19.2	19.1	13.3	4.1	-7.7	-17.7	1.5
29	-19.9	-16.8	-7.5	2.4	10.4	15.0	20.6	18.2	11.0	4.5	-5.2	-14.0	1.6
30	-17.9	-14.0	-4.9	4.0	11.3	15.2	20.3	19.6	12.6	6.3	-8.5	-14.9	2.5
31	-19.6	-19.2	-6.1	1.2	9.4	13.9	17.4	19.5	12.7	4.6	-4.4	-14.8	1.8
32	-12.6	-15.2	-8.7	3.1	10.8	16.7	19.2	17.3	13.2	4.2	-5.4	-12.0	2.6
最高氣溫 1909	...	...	...	...	...	...	...	...	...	...	...	...	...
10	-13.7	-11.4	-3.7	10.9	18.9	19.8	22.5	22.7	16.4	7.5	-0.2	-13.0	...
11	-14.3	-2.2	-3.7	8.0	17.5	22.2	24.1	23.9	18.7	8.7	-0.7	-11.3	7.1
12	-11.5	-5.4	-1.5	8.9	14.5	20.3	24.0	23.9	18.0	6.2	-5.7	-12.8	8.2
13	-14.2	-9.4	-5.7	10.9	18.2	20.3	21.3	24.0	18.8	9.2	-0.8	-11.2	6.7
14	-8.8	-7.5	-1.0	11.4	19.7	21.8	22.4	24.2	17.7	12.0	-3.7	-12.2	8.1
15	-17.4	-11.5	-8.1	3.5	12.5	21.0	24.2	23.4	18.0	10.2	-6.7	-8.2	5.8
16	-11.0	-9.7	-6.3	8.5	18.3	21.5	22.2	27.3	17.6	11.8	-0.3	-11.6	7.2
17	-18.1	-9.5	-2.0	7.5	13.2	22.2	25.4	24.6	17.7	10.2	-8.7	-14.1	6.2
18	-15.2	-8.4	-0.1	9.7	13.7	20.4	24.1	24.4	17.4	11.4	-8.9	-12.1	7.0
19	-17.5	-5.3	-2.2	6.8	14.6	...	...	...	...	...	...	...	...
20	-13.2	-13.0	-4.2	8.3	17.2	21.1	25.3	24.5	17.0	8.9	-2.4	-9.9	...
21	-12.2	-11.6	-3.2	11.1	17.2	22.2	22.2	22.2	...	...	...	...	...
22	-14.8	-4.9	-2.1	5.9	18.9	22.1	26.2	24.2	19.8	6.4	-1.9	-12.2	7.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

196 RESTRICTED

216

RESTRICTED

太 平 洋 太 平 洋

STAT

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1927	-13.5	-11.6	-8.6	13.1	13.9	21.3	24.9	23.0	18.5	10.9	-0.8	-13.3	7.0	
28	-14.5	-11.0	-8.2	10.1	15.1	19.7	26.0	23.1	19.0	9.8	-3.3	-14.3	6.3	
29	-15.0	-12.8	-9.3	7.4	15.4	20.0	25.2	22.6	17.2	10.6	-7.4	-14.4	6.3	
30	-14.0	-8.7	-0.3	10.4	17.3	20.5	25.1	24.3	18.8	12.7	-4.5	-10.9	7.3	
31	-14.9	-14.1	-0.6	8.9	14.3	19.0	23.3	24.6	18.7	10.6	1.0	-10.6	6.4	
32	-7.4	-10.6	-3.7	8.3	16.4	22.0	23.6	22.4	19.4	10.0	-0.8	-7.7	7.7	
最高氣溫	1909	-22.0	-19.6	-15.1	-4.1	4.9	9.7	14.5	14.5	5.6	-1.8	-10.8	-30.7	-3.8
10	-22.8	-20.5	-15.8	-1.1	5.1	10.0	14.8	13.9	9.3	-0.4	-11.2	-23.1	-3.7	
11	-23.8	-18.1	-13.7	-2.0	5.8	10.8	14.7	13.7	8.3	-0.7	-8.8	-19.8	-2.8	
12	-20.5	-15.5	-12.0	-1.7	4.0	10.3	13.9	14.1	3.9	-4.1	-14.4	-31.5	-3.6	
13	-22.8	-19.3	-12.2	-0.4	4.3	9.8	13.7	13.5	6.4	-2.1	-11.9	-18.9	-3.5	
14	-18.6	-17.0	-10.8	-0.1	7.1	11.0	14.8	14.7	8.1	0.7	-13.4	-19.7	-1.9	
15	-20.6	-21.2	-14.9	-4.4	3.9	11.3	14.9	15.0	6.8	-1.6	-10.1	-18.0	-1.8	
16	-20.3	-19.0	-15.6	-3.5	4.4	11.1	14.4	15.5	5.8	0.3	-9.1	-21.0	-3.1	
17	-24.3	-18.6	-11.1	-2.0	3.2	11.4	13.1	11.0	6.0	-0.8	-14.9	-20.0	-3.3	
18	-22.8	-18.3	-10.2	-1.3	5.7	11.1	14.8	14.5	8.3	-1.6	-12.0	-21.0	-2.7	
19	-26.3	-17.8	-10.9	-2.6	3.2	9.7	15.1	13.7	7.3	-0.6	-10.8	-20.1	-3.1	
20	-19.9	-22.5	-8.7	-0.3	6.9	10.8	16.0	14.0	5.7	-0.7	-9.5	-21.0	-2.4	
21	-20.5	-18.2	-12.3	-0.9	5.6	10.4	14.7	15.0	7.6	-0.7	-12.0	-19.6	-2.6	
22	-29.2	-16.0	-13.6	-0.2	4.6	10.7	15.1	13.9	6.8	0.6	-15.1	-18.7	-3.4	
23	-23.7	-19.2	-10.2	-2.5	5.3	10.1	15.1	14.7	5.5	-0.7	-11.3	-19.1	-3.0	
24	-22.5	-22.1	-14.0	-1.3	4.1	11.0	17.0	15.5	6.5	-3.0	-11.0	-19.2	-3.2	
25	-23.2	-20.7	-13.1	-0.8	6.5	12.1	14.9	15.1	8.9	-0.5	-8.8	-19.8	-2.4	
26	-23.1	-17.7	-11.3	-3.3	7.1	10.1	15.8	15.1	6.4	0.3	-10.9	-21.3	-3.3	
27	-22.8	-21.4	-12.3	-0.2	3.7	9.7	15.9	15.1	9.1	-3.1	-10.8	-21.0	-2.8	
28	-23.0	-20.8	-11.0	-1.6	4.3	9.4	14.6	15.5	8.1	-0.8	-12.2	-21.5	-3.2	
29	-24.5	-21.0	-12.4	-2.8	5.3	10.0	15.8	14.0	5.0	-1.1	-10.1	-20.4	-3.5	
30	-22.2	-19.1	-9.6	-1.3	5.3	9.8	15.8	15.2	7.0	0.4	-12.2	-19.4	-2.5	
31	-24.7	-23.7	-11.8	-3.5	4.0	9.1	11.9	14.6	7.6	-0.7	-9.7	-19.1	-3.2	
32	-18.1	-19.6	-13.6	-2.3	5.1	11.2	15.7	12.9	7.8	0.6	-10.4	-18.1	-2.2	
最低氣溫	1909	-	-	-	-	-	-	-	-	14.4	13.0	-1.2	-	
10	-2.2	-3.9	9.7	19.7	22.7	27.5	28.3	21.3	21.8	19.7	10.8	-7.0	22.7	
11	-2.2	4.8	4.7	15.8	27.8	27.8	22.2	22.7	27.8	16.9	9.9	0.2	22.7	
12	-4.3	7.5	7.1	21.3	24.7	25.3	26.4	22.1	22.2	20.6	12.2	-0.6	20.4	
13	-5.4	-0.7	16.0	21.9	26.6	25.8	27.8	22.3	22.0	26.5	9.2	-0.4	22.3	
14	1.5	2.4	10.1	21.2	22.9	22.6	27.8	22.3	26.6	18.7	12.2	-3.1	22.9	
15	-4.5	-2.7	5.1	2.9	22.6	27.0	22.2	21.5	22.6	21.0	14.6	4.2	21.5	
16	-2.6	-0.8	1.6	21.4	21.4	20.0	22.8	22.1	18.5	11.8	3.3	24.4	21.4	
17	-4.3	2.1	9.0	17.6	22.3	20.0	20.1	22.9	22.6	18.3	0.3	22.3	20.1	
18	-7.1	0.3	12.8	18.3	22.1	22.6	20.3	22.5	24.5	20.5	7.1	-1.2	22.3	
19	-5.7	7.9	10.7	17.0	25.0	-	-	-	-	-	-	-	-	
20	-	1.2	11.7	21.9	24.7	27.0	26.6	22.1	22.2	19.8	2.2	1.5	20.6	
21	-0.5	8.1	5.0	20.4	22.0	20.8	21.0	21.6	22.1	22.7	2.2	1.2	21.6	
22	-7.2	-0.9	5.4	22.9	27.5	22.3	24.7	22.2	22.2	22.2	2.2	-1.2	22.2	
23	-2.1	1.3	7.8	16.2	25.5	22.5	22.1	22.3	25.3	20.7	8.0	-2.6	22.5	
24	3.6	-2.1	14.3	22.8	22.7	27.8	22.8	20.8	22.3	24.3	7.9	-2.3	22.8	
25	-3.1	-0.8	9.2	20.5	22.3	22.9	22.8	22.1	22.4	18.7	2.2	-4.4	22.8	
26	0.7	-1.7	12.1	15.5	27.1	22.6	22.3	20.9	22.9	22.1	2.2	0.1	22.9	
27	-2.8	1.3	7.3	18.4	22.4	22.6	22.6	22.6	22.6	22.6	7.1	0.5	22.9	
28	-3.6	-7.2	2.9	16.2	22.9	22.4	22.9	22.9	22.9	22.9	2.2	2.2	22.9	
29	-0.5	-3.3	5.1	21.2	22.8	22.4	22.9	22.7	22.3	17.4	16.6	0.7	22.9	
最低氣溫	1909	-30.1	-28.3	-23.7	-12.4	0.1	3.3	4.8	9.9	-0.2	-11.4	-22.4	-20.3	
10	-22.7	-22.0	-22.6	-12.4	-5.3	2.7	2.6	7.7	0.9	-2.2	-22.9	-12.1	-12.1	
11	-22.7	-22.7	-20.1	-10.9	-1.4	4.4	10.7	7.7	-2.1	-2.1	-12.5	-22.7	-12.7	
12	-22.0	-22.8	-18.1	-10.3	-2.1	3.6	10.0	7.7	-2.1	-12.1	-12.5	-22.7	-12.7	
13	-22.8	-22.3	-24.8	-9.1	-1.7	1.2	5.9	5.7	1.8	12.1	-22.8	-22.4	-12.3	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

197

RESTRICTED

STAT

RESTRICTED

317

STAT

太 T'ai-ling 嶺

Low limit of atmospheric temperature

Mean cloud density

Mean wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1914	-29.6	-25.3	-21.5	-15.9	-0.8	3.5	10.4	7.4	-0.6	-8.7	-26.6	-26.1	-29.6
15	-26.8	-24.4	-24.6	-11.8	-0.9	4.9	8.5	8.9	-2.6	-10.4	-20.6	-28.2	-26.8
16	-30.1	-23.3	-24.6	-12.8	-2.8	4.2	10.6	9.6	-2.3	-8.0	-22.5	-21.5	-31.5
17	-31.5	-26.1	-20.1	-10.3	-2.6	3.2	12.0	11.8	1.4	-10.2	-21.0	-28.5	-31.5
18	-31.1	-26.3	-24.5	-11.4	-2.3	5.4	10.6	8.2	2.9	-12.0	-20.1	-27.5	-31.1
19	-33.0	-29.5	-20.0	-10.4	-3.3	4.5	10.5	8.4	2.5	-9.8	-23.7	-27.0	-33.0
20	-29.4	-24.4	-20.5	-7.7	1.9	7.7	10.8	10.1	-0.8	-8.6	-21.0	-20.1	-29.4
21	-30.0	-23.9	-20.5	-2.1	-0.4	3.4	10.0	4.8	0.8	-6.9	-21.0	-20.7	-30.0
22	-34.3	-24.0	-20.5	-6.8	-0.6	4.0	10.1	7.1	-2.4	-6.2	-24.2	-20.8	-34.3
23	-30.4	-26.4	-21.2	-10.4	-1.3	3.5	8.2	9.7	-1.4	-10.3	-25.2	-29.7	-30.4
24	-29.2	-27.8	-22.7	-11.0	-1.5	7.1	10.9	9.6	1.5	-14.1	-19.5	-23.4	-29.2
25	-27.5	-24.6	-22.4	-12.9	1.3	6.1	8.4	9.2	4.4	-7.2	-18.5	-21.2	-27.5
26	-27.6	-27.9	-19.3	-12.5	1.5	2.9	9.3	11.0	-2.2	-10.2	-22.2	-20.1	-27.6
27	-33.7	-27.2	-22.4	-10.0	-2.8	2.5	13.1	7.9	0.4	-8.2	-25.5	-28.4	-33.7
28	-30.2	-29.4	-20.2	-8.4	-4.9	4.2	9.6	9.1	-1.7	-15.1	-22.7	-26.7	-30.2
29	-28.9	-28.0	-23.3	-13.0	-3.2	5.7	12.4	6.7	-0.3	-9.5	-22.2	-27.0	-28.9
30	-30.9	-27.9	-19.7	-8.6	-0.4	4.4	12.9	11.1	-1.0	-11.1	-19.1	-27.2	-30.9
31	-35.6	-31.3	-22.6	-11.3	-1.2	3.5	8.4	6.2	0.8	-13.2	-19.4	-27.5	-35.6
32	-29.2	-25.0	-20.8	-10.1	-3.0	6.7	11.4	7.5	1.6	-6.0	-21.7	-22.9	-29.2
平均風量 1909	3.7	5.4	5.9	7.5	7.9	7.9	7.2	7.3	5.7	6.0	6.2	4.1	6.3
10	3.4	3.7	5.6	6.4	6.4	7.5	8.1	7.7	5.1	4.8	5.9	4.9	5.8
11	5.0	4.3	5.5	7.0	6.9	8.0	9.1	7.3	8.0	7.2	6.8	4.6	6.7
12	4.5	5.9	6.4	7.2	8.2	8.9	5.3	8.1	6.4	6.3	6.8	4.7	6.8
13	4.4	6.4	5.7	7.1	6.7	8.4	9.2	6.4	7.1	5.1	4.7	6.0	6.4
14	6.1	6.7	7.2	6.3	8.5	9.0	9.1	8.2	6.9	5.7	7.6	6.1	7.3
15	7.0	7.7	8.3	8.9	9.3	9.7	9.5	9.4	8.8	9.1	8.0	8.2	8.9
16	8.1	8.7	9.2	9.5	9.7	9.5	9.6	9.7	8.3	8.2	4.5	6.2	8.4
17	5.3	4.3	5.9	7.2	9.1	7.9	8.8	8.0	6.4	5.2	6.2	7.6	6.8
18	4.1	4.5	4.7	5.0	5.3	8.5	9.0	7.8	8.5	4.0	4.2	2.6	5.9
19	4.7	4.2	5.0	7.0	6.7	6.5	4.9	4.9	5.5	4.0	3.0	5.1	5.1
20	5.5	4.1	4.5	5.9	5.9	7.7	7.2	6.2	6.7	3.8	5.7	4.0	5.6
21	3.8	5.3	5.3	6.3	6.0	6.7	7.5	7.0	6.6	4.8	5.9	4.9	5.7
22	2.1	5.3	7.0	5.8	8.0	7.4	8.6	7.3	6.0	5.3	3.4	5.4	6.0
23	3.2	5.2	5.2	7.4	8.3	8.5	8.5	8.2	6.5	7.0	6.8	5.1	6.7
24	5.4	6.0	7.0	8.3	7.9	8.3	8.1	7.9	5.8	6.3	7.3	3.3	6.8
25	3.1	6.3	7.6	8.0	9.1	8.9	8.6	9.3	8.6	6.0	-0.9	7.4	7.4
26	6.6	6.8	8.2	7.6	9.6	8.4	8.7	9.0	8.9	7.3	5.7	6.8	7.8
27	5.0	6.4	7.3	8.9	9.5	9.2	9.1	7.8	7.4	7.5	5.0	3.1	7.3
28	5.3	4.2	7.0	6.2	8.7	9.1	8.2	8.9	6.0	5.7	5.9	4.2	6.6
29	3.9	7.1	6.3	6.9	8.8	8.4	8.0	8.1	4.8	4.5	4.0	4.6	6.3
30	2.9	5.8	5.3	7.7	7.6	7.2	7.2	7.0	6.2	5.1	6.3	4.9	6.1
31	6.2	5.8	8.1	8.1	8.5	8.3	7.4	7.0	6.2	4.3	4.5	4.5	6.3
32	4.1	4.7	6.3	7.4	8.2	7.8	9.5	7.8	5.9	6.4	5.2	6.7	6.5
平均風速 1909	3.0	4.6	5.1	4.5	3.2	3.5	3.5	3.2	3.9	6.2	3.8	3.9	3.9
10	4.2	4.2	5.0	4.1	4.6	4.5	3.3	3.3	2.1	3.1	4.7	3.6	3.8
11	3.8	4.4	6.3	3.7	4.6	3.8	3.3	3.5	3.0	4.2	4.2	4.8	3.8
12	4.3	4.0	5.0	4.8	4.0	3.5	3.9	2.7	3.3	3.4	3.2	3.8	4.1
13	3.9	5.0	4.9	5.3	4.2	3.5	3.4	2.7	3.4	3.8	3.4	4.3	4.4
14	4.1	3.8	4.8	4.8	5.1	3.7	3.4	2.7	3.7	3.6	5.0	4.5	4.1
15	5.5	5.7	5.0	5.7	4.2	3.7	3.5	3.8	3.2	4.3	4.3	4.2	4.4
16	2.1	4.9	4.4	6.5	5.4	4.0	3.6	3.3	4.1	4.1	3.4	4.2	4.3
17	4.6	4.1	4.5	4.4	3.8	3.2	3.8	2.5	3.5	4.0	3.8	3.8	3.9
18	3.5	4.2	3.9	4.2	3.7	3.2	3.2	2.1	2.8	3.3	4.1	3.2	3.7
19	3.7	3.5	6.2	5.1	3.4	4.1	2.8	2.2	3.0	4.6	3.1	3.5	4.2
20	6.3	6.1	6.5	5.0	5.3	5.6	5.0	5.3	2.6	4.2	2.9	3.4	4.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

198

RESTRICTED

STAT

818

RESTRICTED

太 平 洋 行

STAT

Mean wind velocity

Rainfall

Maximum rain-fall per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1921	5.4	4.7	5.7	5.6	5.3	4.8	4.3	3.8	3.3	4.5	6.5	5.1	4.8
22	5.7	5.3	5.9	5.6	5.9	4.1	3.6	2.8	4.5	4.6	4.1	4.5	4.7
23	4.4	3.6	4.8	5.0	5.1	3.9	3.3	2.6	4.2	4.3	4.1	4.3	4.0
24	4.1	4.6	5.2	5.4	4.9	4.0	3.5	2.9	3.6	3.7	4.3	4.9	3.3
25	3.3	3.8	3.8	4.6	3.6	3.2	3.1	3.1	3.1	3.5	3.8	3.3	3.7
26	4.8	4.7	4.3	5.1	4.7	3.3	2.7	3.3	3.3	4.1	3.6	4.8	4.1
27	4.0	3.1	3.9	4.3	4.1	3.4	3.1	3.8	2.7	4.1	3.6	3.9	3.6
28	4.0	4.0	5.1	4.9	4.8	3.1	3.1	2.9	4.0	3.4	3.9	4.1	4.0
29	4.1	3.4	4.1	4.6	3.4	3.8	2.5	2.5	3.0	3.9	3.4	3.8	3.6
30	3.7	3.9	3.6	4.3	4.2	2.9	2.7	3.0	2.8	3.0	4.0	3.6	3.5
31	4.0	3.2	5.2	5.4	4.0	3.6	3.3	2.4	3.4	4.0	3.3	3.7	3.7
32	4.2	3.4	4.1	4.9	4.2	2.9	3.0	2.3	1.9	3.7	3.6	3.9	3.5
降水量 1909	2.6	7.6	18.9	48.7	51.6	97.4	90.4	20.9	65.0	72.9	21.5	18.1	515.6
10	1.6	2.3	6.8	27.7	16.1	123.3	139.1	130.9	92.3	104	28.0	1.0	389.5
11	1.6	2.5	9.0	30.7	55.5	90.2	171.3	113.6	86.7	27.2	75.8	2.0	670.1
12	2.6	7.1	7.1	32.2	28.2	133.7	77.3	81.2	28.1	46.3	17.0	1.8	538.2
13	4.8	5.0	12.8	32.5	21.5	139.2	143.9	19.7	36.6	21.9	8.2	10.4	447.5
14	8.2	2.5	20.0	1.8	19.7	113.6	180.9	58.9	194.4	15.8	31.3	3.8	650.9
15	7.0	7.5	19.5	28.8	81.1	149.4	127.8	143.2	67.4	23.9	22.6	6.3	684.5
16	4.5	3.7	1.8	15.9	31.8	70.1	52.4	102.6	87.5	35.2	22.7	8.6	444.0
17	3.6	0.3	4.4	20.0	38.7	36.3	155.5	192.3	64.6	46.4	3.9	16.1	589.0
18	3.9	1.8	4.5	30.4	80.6	125.6	106.4	115.1	134.8	6.5	21.0	1.4	632.0
19	4.7	0.5	5.0	44.8	42.4	98.3	92.0	90.6	159.2	25.6	14.7	1.0	502.8
20	4.4	3.0	1.8	25.2	22.6	140.7	95.2	54.6	105.7	13.7	2.5	2.9	483.7
21	3.1	6.2	8.4	35.5	40.0	18.4	72.7	35.4	130.9	40.2	18.9	0.8	428.1
22	1.7	3.6	4.4	17.7	64.9	79.2	197.6	97.7	63.5	15.8	16.7	2.3	585.1
23	2.9	4.3	20.8	45.8	29.5	135.2	129.5	90.7	74.4	43.3	—	—	—
24	4.0	9.4	11.1	30.3	36.2	44.5	44.1	122.3	14.2	59.5	8.6	—	—
25	0.5	4.5	22.6	12.2	22.9	14.7	51.0	212.7	112.2	43.0	7.5	—	—
26	—	1.7	4.8	13.4	30.4	57.0	90.5	76.9	73.3	37.9	4.7	—	—
27	1.6	1.9	8.6	5.1	26.9	79.2	202.8	93.6	25.0	63.0	16.3	4.0	601.0
28	10.1	3.6	13.0	17.5	22.9	124.0	148.9	114.4	103.3	41.3	62.2	5.1	702.2
29	6.7	7.6	2.8	7.5	26.3	22.5	112.7	129.3	11.0	35.1	10.9	11.3	364.8
30	0.8	5.4	19.4	32.2	69.7	60.5	127.0	187.0	62.5	11.6	12.8	5.3	624.2
31	5.2	3.3	4.3	21.5	45.1	122.9	61.5	133.7	86.2	20.2	5.1	5.7	588.7
32	1.4	6.9	10.8	22.7	29.2	61.0	316.2	112.2	17.5	66.7	21.3	12.7	749.6
降水量 日 1909	1.5	1.9	5.5	16.9	13.7	14.0	27.7	5.7	20.2	43.7	11.9	16.1	43.7
10	0.9	1.7	3.8	14.0	5.8	22.1	17.9	40.8	44.5	5.7	10.8	0.5	44.5
11	2.3	1.0	2.9	12.2	10.4	31.6	49.4	26.8	30.2	7.7	41.3	0.5	49.4
12	1.2	2.0	1.6	19.2	21.4	29.5	37.8	15.8	12.1	19.4	9.4	1.0	37.8
13	1.2	1.2	5.2	12.1	2.8	16.5	26.1	13.3	12.2	14.1	9.9	4.2	28.1
14	2.7	1.4	12.2	0.8	12.3	74.3	35.0	16.6	64.6	2.2	9.3	1.9	64.6
15	2.9	3.9	5.2	6.5	14.7	23.7	5.7	59.2	26.6	2.8	13.1	2.3	50.2
16	3.6	2.1	0.8	7.8	6.7	16.5	11.6	31.5	26.7	10.4	9.9	3.3	33.5
17	0.6	0.2	1.1	9.7	12.4	5.1	32.0	27.0	15.8	16.6	0.9	1.5	32.8
18	2.1	1.2	1.5	11.2	13.8	30.4	12.8	5.5	41.7	3.4	12.1	1.6	32.5
19	4.7	0.2	2.2	15.2	12.0	20.2	71.1	15.7	72.7	8.6	7.2	0.2	72.2
20	1.6	1.9	0.5	7.7	11.3	19.7	35.5	22.6	49.5	3.8	20.7	0.7	40.5
21	0.8	3.9	2.2	17.0	21.0	7.0	22.4	14.3	42.7	32.6	7.3	2.6	42.7
22	1.7	2.0	3.1	3.9	23.2	32.8	41.2	22.7	17.4	8.9	6.8	1.0	41.2
23	1.2	1.9	16.6	19.3	27.8	32.5	23.3	16.9	16.9	14.5	7.2	1.2	32.5
24	1.3	6.9	3.6	2.9	9.5	11.1	13.8	49.8	3.8	19.0	2.6	5.7	49.8
25	0.4	1.2	1.2	14.2	14.9	1.1	22.8	32.2	41.3	22.8	1.6	2.4	41.3
26	1.2	1.2	1.4	2.7	12.1	12.8	22.4	22.2	21.8	12.9	2.6	7.0	22.2
27	0.9	0.5	1.5	2.4	22.2	22.7	22.2	22.2	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

199

RESTRICTED

STAT

RESTRICTED

319

太 平 洋 太 平 洋

Maximum
rainfall
per day

Number of
rainy days

Number of
clear days

Number of
cloudy
days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1929	1.6	2.6	0.7	4.7	12.1	22.5	38.8	63.9	16.0	17.2	10.2	5.0	63.9
30	0.5	1.5	8.7	10.5	22.3	18.5	37.0	43.4	24.8	7.5	3.7	1.5	43.5
31	2.5	1.9	3.1	4.7	22.9	27.5	31.2	11.4	13.1	10.4	3.0	2.4	37.5
32	1.0	3.9	6.7	10.5	22.8	23.9	15.0	28.1	11.4	20.9	10.4	5.2	150.8
降水日数 1909	5	10	8	17	14	17	15	12	14	5	6	5	128
10	3	3	7	9	8	18	15	17	15	4	10	4	115
11	9	7	11	10	13	13	18	15	13	15	12	8	146
12	5	7	11	10	17	21	14	13	9	13	10	6	130
13	11	9	6	7	9	20	17	9	16	4	6	7	121
14	10	4	7	4	8	23	23	17	13	9	14	6	132
15	8	9	17	15	22	23	18	20	9	16	7	10	128
16	3	5	4	8	17	13	15	9	12	8	4	10	108
17	9	3	8	8	13	17	16	18	14	9	10	16	140
18	7	6	5	9	10	21	21	15	18	4	4	1	125
19	1	3	6	17	15	18	5	14	8	12	7	5	111
20	9	7	5	10	10	23	14	12	13	6	10	9	126
21	7	10	10	11	9	7	13	11	15	8	9	6	118
22	1	5	8	8	15	17	23	11	15	7	7	6	123
23	7	5	10	13	17	19	19	15	12	10	10	7	143
24	7	4	11	11	12	11	13	14	10	9	9	5	116
25	2	11	3	16	9	11	20	18	5	11	7	1	125
26	3	2	8	5	12	14	13	10	16	8	3	2	110
27	2	11	11	18	17	21	15	13	11	13	13	7	137
28	9	6	9	7	15	18	17	13	7	13	12	7	133
29	9	11	7	5	18	16	14	17	12	8	5	7	120
30	4	7	11	9	14	22	15	19	11	4	8	7	131
31	8	6	7	15	15	17	15	13	16	9	4	6	131
32	3	8	6	9	15	12	23	16	7	16	11	9	135
快晴日数 1909	14	5	5	1	1	3	3	7	2	5	11	11	54
10	13	9	5	3	3	3	3	9	6	7	7	7	62
11	9	9	7	2	1	1	1	4	3	10	4	1	49
12	10	8	3	2	1	1	1	1	4	2	1	5	34
13	11	2	5	3	2	1	1	11	8	8	8	5	53
14	2	2	1	3	1	1	1	2	5	1	1	1	11
15	1	1	1	1	1	1	1	1	1	1	1	1	1
17	8	13	7	2	1	1	1	1	8	4	1	1	47
18	9	7	11	6	1	1	1	1	11	11	19	19	77
19	7	9	10	2	2	2	2	9	9	13	16	9	94
20	5	10	9	4	3	1	1	2	11	7	12	12	65
21	12	8	6	5	8	3	1	2	4	12	3	6	70
22	22	2	6	4	1	1	1	1	7	14	6	6	69
23	14	2	6	3	1	1	1	1	4	2	4	10	54
24	7	4	2	1	2	1	1	4	5	3	16	4	44
25	14	7	1	1	1	1	1	1	3	8	8	8	31
26	3	6	1	1	1	1	1	1	8	8	5	5	24
27	5	2	3	1	1	1	1	1	1	1	1	1	13
28	7	8	5	5	1	1	1	1	3	9	9	11	38
29	13	4	4	2	1	1	1	1	8	10	11	10	60
30	15	6	8	2	1	3	2	3	10	4	7	7	61
31	4	4	8	1	1	1	1	1	8	10	10	12	54
32	9	5	5	1	1	1	1	1	5	5	10	10	54
曇天日数 1909	3	6	11	23	17	22	12	15	8	10	13	1	128
10	3	9	9	21	11	15	10	20	5	8	2	2	112
11	4	9	9	13	15	15	12	17	12	14	4	4	126
12	4	9	9	12	18	21	12	12	9	8	12	3	128

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

220

RESTRICTED

STAT

STAT

880

RESTRICTED

太 T'ai-ling 嶺

STAT

Number of cloudy days

Number of foggy days

Number of days with hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1913	8	7	6	10	8	17	24	7	10	6	4	8	113
14	8	13	11	10	20	21	24	21	12	9	14	16	154
15	11	11	18	25	25	29	27	27	27	25	16	16	237
16	12	12	27	27	29	28	29	29	18	22	10	10	261
17	5	8	9	12	21	14	23	15	7	6	11	17	150
18	5	6	8	5	18	20	21	16	20	2	4	4	130
19	2	4	7	10	10	10	4	9	8	11	4	5	86
20	8	5	4	7	6	12	12	10	12	4	9	4	93
21	4	10	10	11	6	14	15	12	12	11	10	5	120
22	1	7	9	7	16	17	21	19	9	7	3	10	124
23	2	7	7	14	20	18	20	21	10	13	12	9	153
24	4	7	13	18	17	18	18	17	7	14	16	4	153
25	2	7	14	18	22	21	21	26	21	19	12	12	190
26	13	13	19	16	22	18	21	23	20	13	8	15	200
27	0	0	15	22	26	24	24	14	14	19	10	1	181
28	8	3	17	9	21	21	19	23	9	14	13	6	165
29	5	11	8	11	22	17	18	20	10	3	5	7	154
30	1	8	7	18	16	14	17	10	11	7	11	6	122
31	9	8	7	17	16	19	13	14	12	4	4	6	131
32	3	8	10	13	17	17	29	15	9	13	7	10	151
霧日数 1909	...	...	...	...	3	4	7	7	3	3	...	...	27
10	...	...	...	...	1	1	14	16	5	5	...	...	38
11	3	...	...	...	...	...	...	...	...	...	...	...	45
12	...	...	...	...	...	...	...	...	...	...	...	...	34
13	...	...	...	...	...	...	...	...	...	...	...	...	36
14	...	...	...	...	...	...	...	...	...	...	...	...	33
15	...	...	...	...	...	...	...	...	...	...	...	...	40
16	...	...	...	...	...	...	...	...	...	...	...	...	47
17	...	...	...	...	...	...	...	...	...	...	...	...	33
18	...	...	...	...	...	...	...	...	...	...	...	...	27
19	...	...	...	...	...	...	...	...	...	...	...	...	14
20	...	...	...	...	...	...	...	...	...	...	...	...	18
21	...	...	...	...	...	...	...	...	...	...	...	...	18
22	...	...	...	...	...	...	...	...	...	...	...	...	10
23	...	...	...	...	...	...	...	...	...	...	...	...	18
24	...	...	...	...	...	...	...	...	...	...	...	...	21
25	...	...	...	...	...	...	...	...	...	...	...	...	12
26	...	...	...	...	...	...	...	...	...	...	...	...	20
27	...	...	...	...	...	...	...	...	...	...	...	...	12
28	1	...	...	...	...	...	...	...	...	...	...	...	25
29	...	...	...	...	...	...	...	...	...	...	...	...	23
30	...	...	...	...	...	...	...	...	...	...	...	...	22
31	...	...	...	...	...	...	...	...	...	...	...	...	22
32	...	...	...	...	...	...	...	...	...	...	...	...	24
雹日数 1910	...	...	...	...	...	1	...	...	...	...	...	...	1
11	...	...	...	...	...	...	...	...	...	...	...	...	1
12	...	...	...	...	...	...	...	...	...	...	...	...	4
13	...	...	...	...	...	...	...	...	...	...	...	...	1
14	...	...	...	...	...	...	...	...	...	...	...	...	1
15	...	...	...	...	...	...	...	...	...	...	...	...	1
16	...	...	...	...	...	...	...	...	...	...	...	...	2
17	...	...	...	...	...	...	...	...	...	...	...	...	1
18	...	...	...	...	...	...	...	...	...	...	...	...	1
19	...	...	...	...	...	...	...	...	...	...	...	...	3
20	...	...	...	...	...	...	...	...	...	...	...	...	1
21	...	...	...	...	...	...	...	...	...	...	...	...	1
22	...	...	...	...	...	...	...	...	...	...	...	...	1
23	...	...	...	...	...	...	...	...	...	...	...	...	1
24	...	...	...	...	...	...	...	...	...	...	...	...	1
25	...	...	...	...	...	...	...	...	...	...	...	...	1
26	...	...	...	...	...	...	...	...	...	...	...	...	1
27	...	...	...	...	...	...	...	...	...	...	...	...	1
28	...	...	...	...	...	...	...	...	...	...	...	...	1
29	...	...	...	...	...	...	...	...	...	...	...	...	1
30	...	...	...	...	...	...	...	...	...	...	...	...	1
31	...	...	...	...	...	...	...	...	...	...	...	...	1
32	...	...	...	...	...	...	...	...	...	...	...	...	1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

201 RESTRICTED

RESTRICTED

381

木 Tai-ling 嶺

Number of days with hail

Number of days with electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1025	...	...	...	...	1	1	...	...	...	1	...	...	3
26	...	...	...	...	...	1	1	...	...	...	...	...	2
27	...	...	...	...	...	1	1	...	...	...	...	...	2
28	...	...	...	...	...	1	1	...	...	...	...	...	2
29	...	...	...	...	...	1	1	...	...	...	...	...	2
30	...	...	...	...	...	2	1	...	...	...	...	...	3
31	...	...	...	...	...	1	...	...	...	...	...	...	1
32	...	...	...	...	1	...	...	...	...	...	...	...	1
電雷日数 1909	...	...	...	...	...	3	2	...	1	...	...	...	6
10	...	...	...	...	...	3	1	...	...	...	...	...	6
11	...	...	...	...	...	2	2	...	4	...	...	...	9
12	...	...	...	...	...	2	1	...	2	...	...	...	8
13	...	...	...	...	...	6	1	...	1	...	...	...	8
14	...	...	...	...	1	1	...	1	1	...	...	...	4
15	...	...	...	...	1	3	1	...	2	...	...	...	6
16	...	...	...	...	1	3	1	...	2	...	...	...	6
17	...	...	...	...	1	3	2	...	5	...	...	...	11
18	...	...	...	...	1	3	4	...	1	...	...	...	11
19	...	...	...	1	1	2	3	...	...	...	...	...	7
20	...	...	...	...	1	10	1	...	3	...	...	...	16
21	...	...	...	...	...	1	2	...	3	...	...	...	8
22	...	...	...	...	1	4	3	...	3	...	...	...	11
23	...	...	...	...	...	5	1	...	1	...	...	...	8
24	...	...	...	...	...	2	1	...	2	...	1	...	6
25	...	...	...	...	...	1	2	...	2	...	...	...	6
26	...	...	...	...	...	3	4	...	1	...	...	...	10
27	...	...	...	...	...	4	3	...	1	...	...	...	10
28	...	...	...	...	...	6	0	...	0	...	...	...	13
29	...	...	...	...	1	4	2	...	1	...	...	...	10
30	...	...	...	...	...	1	1	...	3	...	...	...	6
31	...	...	...	...	...	1	3	...	2	...	...	...	8
32	...	...	...	...	3	2	...	5	...	...	...	...	10
暴風日数 1909	1	...	1	3	...	...	...	...	...	3	2	...	10
10	4	...	...	1	1	...	...	...	...	1	...	...	7
11	...	...	...	3	2	...	...	...	...	...	...	...	9
12	2	1	2	3	4	...	1	...	1	4	3	...	21
13	...	5	3	2	4	...	...	...	...	...	...	...	16
14	1	...	2	2	3	1	...	1	2	1	2	...	14
15	3	...	1	1	1	...	...	...	...	...	...	...	10
16	1	...	1	1	2	...	...	...	...	...	...	...	10
17	1	...	...	2	1	...	...	...	1	2	2	...	11
18	3	...	2	3	1	...	...	...	1	2	2	...	14
19	4	2	2	5	2	...	...	...	3	3	1	...	22
20	2	...	1	1	1	...	...	...	1	1	...	...	13
21	1	...	3	2	1	...	...	...	1	3	...	...	20
22	...	4	5	3	2	...	...	...	1	1	...	...	21
23	2	...	3	3	1	...	...	...	1	1	...	...	15
24	...	...	...	...	...	...	...	...	...	...	...	...	6
25	...	...	...	...	...	...	...	...	...	...	...	...	7
26	...	...	...	...	...	...	...	...	1	...	...	...	8
27	...	...	...	...	...	...	...	...	...	...	...	...	11
28	1	1	3	3	...	...	...	...	1	1	...	...	15
29	...	...	...	...	...	...	...	...	...	...	...	...	8
30	...	...	...	...	...	...	...	...	...	...	...	...	6
31	...	...	...	...	...	...	...	...	...	...	...	...	6
32	...	...	...	...	...	...	...	...	...	...	...	...	6

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

202 RESTRICTED

STAT

STAT

899

RESTRICTED

太 T'ai-ling 嶺

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1914	14	9	23	3	...	...	...	...	...	...	5	13	14	38
15	16	18	30	27	...	...	...	...	...	...	4	11	10	30
16	6	5	10	7	8	...	...	...	...	...	...	...	...	...
17	19	14	10	7	...	...	...	...	...	...	...	...	...	...
18	23	13	15	0	...	...	...	...	...	...	...	...	...	...
19	5	3	3	4	3	...	...	...	...	...	3	10	9	10
20	13	21	21	13	...	...	...	...	...	...	...	...	...	...
21	11	11	21	12	...	...	...	...	...	...	...	...	...	...
22	29	26	24	13	4	...	...	...	...	...	...	...	...	...
23	19	25	22	19	...	...	...	...	...	...	13	9	10	25
24	13	18	22	20	2	...	...	...	...	...	6	18	22	22
25	16	16	28	17	...	...	...	...	...	...	...	...	...	...
26	12	14	18	6	...	...	...	...	...	...	...	...	...	...
27	21	18	16	0	...	...	...	...	...	...	11	21	20	36
28	27	27	30	4	15	...	...	...	...	...	3	30	22	22
29	28	29	29	0	10	...	...	...	...	...	12	18	24	29
30	20	20	21	12	...	...	...	...	...	...	...	...	...	...
31	17	15	16	10	...	...	...	...	...	...	4	7	10	17
32	11	15	16	11	17	...	...	...	...	...	11	12	12	18

Mu-tan-chiang

Mean barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
1909	46.8	40.1	41.5	36.2	35.7	33.2	34.7	35.6	37.3	41.5	39.9	44.8	39.0	
10	44.2	41.9	40.2	38.1	35.8	31.0	32.6	35.2	39.4	44.2	42.8	44.9	39.2	
11	45.5	45.5	43.4	37.8	36.3	33.5	33.1	36.0	39.4	41.3	43.2	45.7	40.1	
12	45.3	42.0	40.9	35.5	34.6	32.0	33.4	36.6	39.3	43.1	43.5	47.6	39.6	
13	46.4	42.2	39.6	37.7	36.3	32.1	34.1	34.0	37.7	42.9	44.0	43.7	39.1	
14	41.8	45.6	39.6	37.5	34.7	32.2	32.0	35.8	39.1	43.1	43.3	42.9	38.9	
15	45.7	41.6	40.3	37.6	34.8	31.9	33.2	32.5	37.2	42.1	44.2	41.7	38.7	
16	45.1	43.5	39.4	37.8	34.8	32.3	33.6	35.7	39.0	42.6	47.4	45.0	38.8	
17	44.5	43.3	42.9	38.6	33.9	33.1	34.7	35.1	40.1	42.9	44.7	41.7	39.3	
18	44.8	44.9	42.9	38.8	34.5	32.0	33.3	37.0	35.8	42.0	44.4	45.1	39.7	
19	46.6	42.6	39.7	36.2	35.2	32.0	34.4	36.8	40.0	42.1	42.6	45.0	39.2	
20	44.3	42.8	44.6	39.3	36.6	32.7	34.0	34.5	40.9	42.6	43.9	42.1	40.7	
21	45.1	43.3	41.2	39.3	37.2	34.1	35.9	36.3	41.6	44.2	42.5	45.2	40.7	
22	46.0	43.4	41.7	38.2	35.9	33.0	34.5	36.1	40.2	42.8	42.6	44.1	40.4	
23	46.9	44.2	41.2	39.0	36.3	33.7	33.9	35.2	39.9	42.5	42.1	44.4	40.0	
24	45.0	42.9	44.7	38.1	36.3	32.2	35.7	36.6	40.3	42.5	42.8	45.2	40.6	
25	46.2	45.6	40.5	39.0	36.2	33.4	35.7	35.2	39.3	42.0	43.5	42.2	40.1	
26	45.0	43.2	40.4	34.2	34.4	34.7	33.3	34.2	37.6	40.5	44.5	44.2	39.2	
27	44.3	42.2	42.9	38.2	34.7	32.0	33.0	34.6	38.3	39.7	42.7	42.2	39.2	
28	46.6	44.5	41.2	38.9	33.9	33.2	34.0	36.0	38.2	42.1	43.9	45.4	39.9	
29	45.7	44.0	41.2	36.9	34.2	32.9	33.6	33.9	38.6	42.4	43.9	42.3	39.2	
30	46.9	46.6	43.7	38.9	35.1	34.4	...	...	40.2	42.2	42.2	42.2	...
31	44.5	42.9	40.2	36.9	35.2	32.4	34.8	32.8	37.7	42.0	42.1	42.3	39.2	
32	44.5	42.8	39.2	35.4	31.9	34.7	32.2	32.8	35.2	39.3	41.4	42.2	39.2	
33	45.7	45.1	40.7	38.9	33.2	35.9	32.0	37.2	38.7	42.2	42.7	42.7	39.3	
34	45.5	40.9	40.9	33.2	33.3	33.1	33.5	33.5	37.5	41.5	43.1	42.9	38.4	
35	45.9	42.2	39.4	34.3	33.3	30.9	34.3	34.9	42.2	41.9	42.6	42.6	39.3	
1909	38.5	47.2	49.4	46.7	45.4	42.2	42.7	41.3	42.4	42.7	42.7	42.1	32.4	32.3
10	32.4	38.8	42.2	42.7	42.4	37.9	38.9	42.7	...	32.2	32.2	32.2	32.2	32.2
11	32.2	37.1	34.8	31.2	42.2	42.1	42.7	42.2	42.1	32.2	32.2	32.2	32.2	32.2
12

Highest barometric pressure of freezing point

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Mu-tan-chiang

社 丹 江

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1913	56.8	51.4	48.4	46.5	41.9	38.8	41.3	41.0	43.7	48.8	57.1	55.8	57.1
14	49.4	54.3	49.9	50.8	42.4	35.6	38.5	41.7	45.4	48.0	53.8	51.0	51.0
15	53.9	52.4	50.6	49.6	47.8	41.8	38.0	38.1	44.7	51.0	53.4	53.8	53.9
16	53.6	51.1	46.4	46.0	48.0	39.4	38.8	41.8	48.8	52.7	58.3	53.8	53.9
17	54.3	53.1	52.7	46.7	41.9								
18	55.5	52.0	52.7	45.8	42.0	37.1	38.9	41.6	47.0	49.1	53.0	53.4	55.5
19	53.1	52.8	48.5	49.9	42.8	43.1	40.9	42.3	49.4	48.0	54.2	53.5	54.8
20	52.7	51.1	54.9	50.9	41.9	39.9	40.0	43.1	50.7	54.1	49.8	52.7	52.7
21	52.2	51.1	49.2	43.8	47.3	42.5	40.3	45.3	49.0	50.4	53.7	53.0	53.8
22	50.9	54.8	51.4	47.4	45.4	40.6	41.6	41.8	50.0	50.0	55.0	50.4	50.9
23													
24	55.9	54.3	52.0	46.9	44.9	42.9	39.4	42.5	45.5	46.7	49.7	54.1	52.9
25	50.3	53.8	53.8	45.9	43.7	42.8	43.1	41.4	48.4	50.1	54.8	51.7	52.3
26	54.8	55.8	47.7	48.7	42.3	40.3	42.3	43.4	45.6	46.7	53.7	48.7	52.1
27	53.3	50.8	49.7	45.0	44.1	42.6	39.3	40.0	48.7	50.5	52.1	54.4	52.1
28	51.8	52.3	53.7	50.5	43.4	40.0	38.7	42.6	40.5	47.4	59.8	53.1	52.8
29	57.6	53.1	51.1	47.3	41.4	40.8	40.0	40.6	45.9	48.4	53.8	55.1	57.6
30	55.6	55.8	51.6	53.7	44.3	39.0	40.4	40.3	47.9	49.3	53.8	57.6	57.6
31	52.8	55.7	58.0	58.6	51.1	44.4			47.0	50.4	53.3	55.0	58.0
32	56.4	54.3	49.1	44.1	44.1	39.3	40.7	42.3	45.0	51.0	52.5	54.3	56.4
33	54.5	53.8	47.4	42.9	45.6	40.3	38.2	44.8	47.7	47.9	47.8	55.8	55.8
34	52.7	50.9	49.1	51.9	43.4	43.0	40.4	44.6	44.6	48.7	53.3	49.6	50.9
35	50.0	50.0	48.8	45.8	43.0	45.0	39.3	43.5	45.8	50.9	54.8	55.1	50.0
1909	35.3	32.5	28.1	24.4	22.1	26.1	26.4	29.7	30.8	34.6	15.9	31.8	15.9
10	28.7	34.8	29.1	29.1	29.8	21.7	23.0	25.0	32.8	31.0	34.4	21.7	28.7
11	27.2	29.0	31.5	25.2	28.9	22.2	18.9	27.8	33.9	33.1	27.6	34.8	27.2
12	35.9	31.1	27.8	26.6	21.0	25.1	27.9	30.7	30.8	33.1	33.8	28.4	35.9
13	36.8	32.1	31.1	25.6	24.5	23.4	22.3	26.7	25.0	34.5	32.8	34.9	36.8
14	30.2	30.8	25.6	22.3	23.6	22.9	18.5	29.4	27.0	31.9	26.6	30.0	30.2
15	36.4	25.1	22.7	20.6	27.5	26.5	24.5	21.0	16.3	28.4	34.8	30.8	36.4
16	31.9	32.4	26.4	21.5	24.7	25.3	29.1	27.6	28.0	29.0	33.5	28.0	31.9
17	30.2	28.4	31.8	28.7	26.3	23.5	27.7	25.9	26.1	29.9	37.2	28.6	30.2
18	34.5	30.2	29.0	24.5	25.8	24.3	27.9	32.7	22.7	33.5	35.6	31.0	34.5
19	39.5	31.6	25.3	24.8	23.8	27.0	29.8	31.6	28.7	32.1	30.7	36.0	39.5
20	33.8	39.3	38.3	25.0	28.1	21.8	29.1	24.3	33.1	32.6	33.3	32.7	33.8
21	32.7	23.4	30.7	28.3	27.1	30.1	28.9	30.3	29.1	34.1	31.1	29.9	32.7
22	40.3	30.3	29.2	24.7	20.6	25.7	24.6	28.6	33.1	30.7	30.3	33.8	40.3
23	34.2	31.8	29.1	27.9	23.4	25.6	27.7	22.7	31.5	22.9	29.8	24.2	34.2
24	26.0	32.0	34.8	39.7	29.2	30.8	30.4	30.9	31.1	36.2	29.0	29.1	26.0
25	37.0	34.2	32.7	31.1	29.0	24.8	30.4	29.1	29.3	29.6	29.4	33.5	37.0
26	36.1	31.2	27.7	21.1	20.0	23.6	28.2	23.8	29.5	32.9	32.6	30.7	36.1
27	32.9	25.0	32.9	25.0	26.7	24.8	24.3	20.1	28.2	24.4	29.4	29.4	32.9
28	32.4	28.7	28.8	29.3	23.8	26.7	26.4	29.8	28.4	31.1	33.5	31.0	32.4
29	29.5	24.7	26.1	21.9	20.1	25.5	22.8	26.3	28.2	24.4	32.2	25.9	29.5
30	39.9	32.8	30.3	26.2	27.3	24.2			28.1	31.1	31.5	35.9	39.9
31	31.7	38.4	28.3	31.3	27.8	27.5	26.6	28.0	26.7	33.5	32.1	28.9	31.7
32	26.8	29.9	28.8	25.1	15.8	29.3	26.8	22.2	35.8	31.7	26.5	37.4	26.8
33	34.1	31.4	32.8	24.1	22.8	30.6	23.0	29.8	32.3	29.1	33.3	32.0	34.1
34	35.3	25.3	32.2	21.4	19.7	25.7	27.3	22.2	23.7	26.8	29.6	27.9	35.3
1917	70.3	69.3	64.0	60.9	55.2	54.9	54.5	57.9	59.9	62.8	61.8	64.7	61.2
18	69.0	64.8	63.5	64.9	54.4	53.9	53.9	52.2	52.8	63.5	62.1	62.1	69.0
19	70.4	69.4	62.1	60.5	56.5	51.7	54.7	52.3	52.2	64.4	60.9	62.8	70.4
1909	-14.6	-14.1	-8.9	2.6	12.7	16.6	21.3	20.0	12.8	5.5	-1.1	-20.7	1.8
10	-12.7	-12.0	-9.3	5.7	14.0	17.0	21.3	20.0	17.7	1.9	2.4	-20.3	1.8
11	-20.0	-14.5	-7.7	4.7	12.0	18.1	20.7	19.9	14.3	-4.8	-2.8	-12.6	2.7
12	-15.9	-12.4	2.2	11.2	11.2	12.4	11.2	22.8	12.2	-1.9	-1.3	-12.6	2.7
13	-20.0	-14.9	-8.8	6.8	12.8	17.8	19.3	20.0	12.0	2.4	-2.7	-12.1	2.3

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

200

RESTRICTED

824

RESTRICTED

Mu-tan-chiang

牡丹江

STAT

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	全年		
1914	-15.5	-14.8	-5.0	7.3	15.2	18.7	20.8	20.9	14.3	6.3	-9.0	-17.5	3.5	
15	-23.5	-19.0	-11.0	1.5	10.6	17.8	21.6	20.6	13.1	4.6	-3.9	-14.1	1.4	
16	-17.1	-18.7	-10.1	3.5	12.0	17.8	21.8	21.4	12.6	5.8	-13.8	-18.1	1.8	
17	-21.4	-15.8	-5.7	6.2	10.3	19.9	22.5	21.2	13.1	5.3	-13.8	-18.1	1.8	
18	-21.6	-16.1	-5.6	6.1	12.7	17.3	21.3	20.5	14.2	5.1	-7.5	-16.8	2.3	
19	-22.0	-12.8	-4.6	3.6	11.0	17.1	21.4	21.3	13.3	5.6	-5.7	-18.0	3.0	
20	-17.2	-22.1	-8.8	6.8	14.8	18.1	22.8	21.7	12.0	4.7	-4.5	-18.3	3.1	
21	-18.0	-13.8	-5.7	6.0	13.6	19.5	21.8	21.7	13.5	4.4	-8.7	-17.3	3.1	
22	-28.6	-14.5	-7.3	6.6	12.1	18.6	21.6	20.1	12.9	7.1	-9.5	-14.0	2.1	
23	-19.8	-13.5	-3.5	4.0	13.3	17.5	21.8	20.8	12.1	4.7	-5.9	-16.9	2.8	
24	-19.8	-18.8	-8.6	5.2	11.9	19.8	23.9	22.2	13.3	3.7	-6.1	-19.0	2.3	
25	-22.0	-18.3	-7.0	7.2	13.5	20.6	22.9	20.7	14.7	5.2	-3.7	-15.4	3.1	
26	-19.4	-12.0	-4.9	3.5	14.9	18.3	22.4	21.0	15.4	3.6	-7.1	-18.1	3.0	
27	-22.0	-16.8	-6.4	6.9	10.8	17.6	22.3	20.0	13.2	5.7	-7.2	-18.6	2.3	
28	-21.3	-18.4	-5.8	5.9	11.8	16.9	21.3	20.8	14.8	4.7	-7.8	-19.5	2.0	
29	-22.0	-17.7	-5.8	6.3	12.3	17.8	22.4	20.1	12.1	5.0	-5.3	-20.0	1.9	
30	-20.3	-15.7	-3.5	6.3	13.1	17.5	21.7	21.1	14.1	5.0	-7.1	-16.0	2.1	
31	-21.4	-19.7	-4.9	3.8	11.3	19.0	19.7	21.1	14.1	5.0	-4.7	-15.9	2.1	
32	-14.5	-15.0	-6.8	4.6	12.0	19.1	21.7	19.3	14.5	5.8	-7.1	-12.9	3.1	
33	-20.8	-17.2	-9.4	4.0	12.2	18.3	23.1	21.5	14.7	6.2	-4.7	-18.0	2.6	
37	-20.0	-15.8	-1.0	6.7	13.4	18.7	24.8	23.0	13.8	6.7	-4.5	-17.7	4.0	
38	-20.1	-12.8	-2.7	6.3	12.8	17.4	22.3	23.5	14.2	5.2	-5.3	-12.7	4.2	
39	-19.3	-13.7	-2.6	5.1	11.8	18.0	23.0	20.3	14.0	6.5	-3.8	-14.0	2.1	
最高氣溫	1910	-	-	-	-	-	27.0	26.7	19.8	15.0	0.0	-13.1	-	
平	11	-13.3	-6.0	-0.1	11.9	20.5	25.1	26.6	22.0	11.3	1.6	-9.6	9.6	
12	-9.4	-4.3	0.6	12.5	18.1	23.7	26.0	25.4	18.6	8.4	-3.5	-11.7	6.0	
13	-12.5	-6.9	1.0	14.2	20.1	23.8	25.0	27.2	19.5	11.6	1.5	-9.9	5.6	
14	-8.0	-6.1	1.1	15.1	23.0	24.9	26.2	26.9	20.8	13.9	-3.2	-11.2	10.3	
15	-17.1	-10.8	-3.5	6.5	16.8	23.9	27.3	26.1	20.6	12.1	0.8	-7.3	8.0	
16	-9.5	-7.4	-2.6	9.6	19.1	24.2	28.9	29.9	20.0	11.8	0.5	-9.6	2.7	
17	-14.6	-6.6	1.3	11.2	17.0	27.3	28.5	27.5	20.9	12.7	-6.9	-13.9	2.7	
18	-15.1	-8.5	2.2	12.4	19.5	23.1	26.8	26.8	20.0	14.0	-0.4	-9.9	9.3	
19	-5.1	-5.8	3.4	10.1	20.5	24.3	28.3	27.2	19.5	12.0	-0.4	-8.9	-	
20	-11.7	-10.5	-4.4	11.0	18.9	27.1	29.7	29.1	22.3	11.8	-1.1	-11.5	9.5	
21	-14.0	-9.5	-6.5	15.0	20.3	28.4	29.5	26.1	20.4	13.9	2.7	-10.2	10.2	
22	-12.8	-3.2	1.2	10.0	22.5	25.2	29.3	27.0	22.3	9.2	-0.3	-12.4	9.7	
23	-12.6	-4.8	0.8	15.1	18.7	24.5	27.4	26.0	22.0	13.5	-1.2	-12.2	2.1	
24	-15.9	-10.8	0.1	13.6	18.3	22.7	26.6	25.3	21.5	11.6	-2.5	-13.1	8.1	
25	-14.9	-11.2	0.9	11.1	18.0	23.6	27.9	25.5	19.8	12.1	1.7	-11.4	8.8	
26	-12.0	-8.0	3.1	11.8	19.8	23.6	26.6	26.6	21.3	16.5	-2.1	-9.5	10.1	
27	-14.5	-11.9	3.0	9.4	17.8	21.8	25.6	27.1	21.1	13.1	2.7	-9.6	8.6	
28	-5.9	-7.3	0.5	11.9	17.9	23.4	26.6	26.6	21.6	12.2	0.2	-8.8	10.1	
29	-12.7	-9.1	-3.6	10.8	19.1	24.5	29.5	27.4	22.2	13.8	2.4	-12.4	9.3	
30	-12.8	-7.9	6.3	12.8	20.1	25.3	21.1	28.0	19.0	17.6	1.0	-11.4	10.5	
31	-13.5	-5.3	3.4	14.4	19.9	22.8	20.2	30.4	19.4	12.9	0.4	-4.4	10.7	
32	-14.3	-2.0	4.4	12.0	23.9	28.7	26.4	21.8	13.8	1.6	-2.2	-	-	
最低氣溫	1909	-27.6	-22.4	-15.3	-1.8	4.9	10.3	15.0	14.7	4.8	-2.7	-11.4	-26.6	-3.1
平	10	-23.8	-27.1	-16.2	-1.6	5.4	10.9	15.8	15.1	4.7	-1.9	-12.5	-27.2	-2.8
11	-27.4	-23.2	-14.2	-2.2	4.1	11.5	15.7	14.6	8.7	-0.8	-2.8	-20.1	-3.9	
12	-23.4	-20.0	-11.6	-1.4	4.4	11.7	14.4	14.3	3.4	-4.7	-1.5	-25.4	-4.5	
13	-27.2	-22.4	-15.1	-1.9	3.2	10.1	13.9	12.3	5.2	-4.2	-12.9	-25.0	-3.3	
14	-22.4	-22.0	-11.0	-2.1	5.7	12.4	15.9	15.8	8.9	-0.4	-1.7	-23.4	-3.4	
15	-22.7	-22.7	-12.2	-2.2	2.2	10.1	15.6	18.7	6.2	-2.0	-12.6	-21.6	-2.9	
16	-24.2	-22.6	-12.4	-3.2	4.1	11.2	14.9	13.7	3.1	-1.4	-2.2	-22.2	-2.7	

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

205

RESTRICTED

STAT

RESTRICTED

Mu-tan-chiang

825

社丹江

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1917	-28.3	-23.3	-18.4	-9.9	2.1	11.9	17.3	16.1	6.3	-1.2	-20.2	-22.8	-4.8
18	-27.8	-23.5	-18.8	-1.7	5.8	11.4	16.3	15.0	8.9	-2.2	-19.7	-22.9	-3.9
19	-28.7	-21.5	-17.7	-2.5	3.1	10.3	16.4	15.8	5.7	-0.4	-18.4	-22.7	-4.3
20	-23.4	-21.5	-16.4	-1.3	5.8	10.9	15.5	16.1	5.3	-3.0	-19.9	-22.3	-4.4
21	-26.1	-21.7	-18.9	-1.1	5.5	10.2	16.2	15.5	6.8	-1.7	-19.9	-24.2	-4.0
22	-35.8	-21.4	-15.3	-0.4	5.4	11.4	17.4	14.3	6.5	-0.3	-15.4	-16.8	-4.3
23	-27.1	-20.3	-9.7	-1.9	6.1	10.6	16.0	15.8	5.9	-1.4	-11.1	-24.2	-3.5
24	-27.1	-20.9	-16.4	-0.5	4.8	11.7	17.9	15.9	5.0	-3.0	-11.4	-23.7	-4.8
25	-29.9	-25.7	-13.1	-1.3	6.8	11.5	16.1	16.1	9.8	-0.8	-9.7	-20.9	-3.4
26	-25.9	-20.0	-11.3	-3.4	6.8	10.4	15.6	15.9	9.1	-3.4	-13.5	-23.8	-3.5
27	-27.1	-24.4	-13.5	-1.6	4.6	10.6	17.1	14.0	6.1	0.8	-14.0	-25.2	-4.4
28	-27.3	-26.5	-12.3	-2.2	5.5	11.8	15.9	17.0	8.9	-1.1	-13.5	-26.0	-4.2
29	-29.0	-24.6	-12.1	-2.9	5.4	12.0	17.1	15.3	5.7	-1.9	-11.8	-26.7	-4.5
30	-27.9	-23.3	-9.9	-2.3	5.5	11.0	-	-	7.8	-1.9	-11.4	-22.6	-
31	-29.1	-27.4	-12.4	-3.0	3.9	11.6	15.8	15.5	8.1	-1.7	-10.5	-22.5	-4.5
32	-22.5	-21.2	-14.0	-2.6	6.1	12.0	17.7	14.7	8.3	0.6	-14.2	-18.3	-3.0
33	-22.3	-24.5	-15.9	-1.2	5.3	13.0	17.6	16.4	7.4	-0.5	-10.8	-23.7	-3.7
34	-26.4	-25.1	-8.4	-0.7	6.9	12.4	19.2	18.9	9.4	0.6	-9.4	-23.5	-2.0
35	-26.5	-20.0	-9.4	-1.5	6.0	12.7	20.6	17.3	10.2	-1.2	-10.4	-18.2	-1.7
36	-23.4	-19.9	-9.5	-1.5	-	12.8	18.1	14.9	8.2	-0.4	-2.9	-19.9	-
37	-	-	-	-	-	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	-	-	-	-	-	31.7	29.3	26.0	22.7	11.8	-6.0	-	-
11	-0.7	5.0	8.8	21.2	31.4	31.8	30.8	30.8	29.6	18.1	12.9	-1.3	31.8
12	-1.0	7.5	8.8	25.5	27.4	29.3	34.0	33.0	25.5	23.5	12.6	-1.5	34.0
13	-4.8	1.9	20.5	24.7	30.6	30.0	32.0	34.8	24.3	29.1	11.5	-0.6	34.8
14	3.8	0.5	11.0	25.0	31.0	31.5	29.1	31.0	28.7	21.5	13.4	-3.6	31.5
15	-8.6	0.5	4.9	12.3	26.7	29.7	34.0	34.6	27.0	23.9	16.0	4.2	34.6
16	-2.2	0.4	5.3	24.5	28.8	32.0	31.1	28.6	27.1	22.8	14.9	3.4	32.0
17	-2.7	3.8	13.1	22.1	29.9	32.9	32.6	34.1	26.3	22.7	1.8	-3.2	34.1
18	-7.5	0.1	11.4	21.6	30.1	28.6	32.0	31.8	26.6	22.2	9.3	-0.6	32.0
21	-	-	3.1	13.7	26.5	27.9	30.6	32.7	26.9	22.5	7.2	2.1	32.7
24	3.8	-3.5	7.7	21.6	31.5	31.1	33.5	36.6	22.4	25.3	7.5	-0.1	36.6
25	2.6	-1.6	9.3	24.4	30.9	35.9	32.2	35.0	28.6	21.2	13.1	-0.6	35.0
26	-6.0	3.4	11.3	20.4	30.1	34.8	35.5	31.9	28.6	22.0	7.8	-3.7	35.5
27	0.7	-0.9	17.7	25.3	25.7	32.0	32.0	32.9	27.9	26.1	8.1	-3.2	32.9
28	-7.3	1.5	12.4	21.2	30.5	28.7	33.5	30.2	27.4	21.9	10.2	-2.4	33.5
29	-3.6	-0.3	14.2	19.7	29.5	30.0	32.1	32.8	26.0	26.0	10.4	-	-
30	-4.5	4.0	11.2	23.9	30.1	31.5	-	-	29.5	23.9	8.3	1.0	-
31	0.3	-0.2	12.3	23.0	24.5	31.0	32.6	32.1	27.1	25.8	14.2	3.7	32.1
32	2.6	0.7	9.8	23.8	27.5	33.0	30.7	29.1	24.5	19.5	17.9	2.7	33.0
33	0.8	4.4	3.4	21.9	26.4	33.8	34.2	32.6	22.2	23.4	12.2	0.1	34.2
34	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-3.7	1.5	17.6	23.1	31.4	32.1	32.6	35.0	26.6	20.4	14.6	-2.2	32.6
36	-3.6	4.0	12.0	22.8	30.8	30.0	34.1	35.2	27.2	16.8	1.8	1.8	34.1
37	-	-	-	-	-	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-	-	-	-
1909	-34.6	-30.6	-24.3	-18.2	-4.0	2.1	6.2	7.3	-2.2	-11.0	-22.7	-25.9	-25.9
10	-41.0	-36.4	-22.7	-11.5	-7.2	2.8	9.0	0.4	-1.5	-9.9	-22.9	-25.4	-41.0
11	-27.1	-23.7	-20.2	-8.4	-1.0	6.5	10.9	7.9	-1.1	-7.8	-18.2	-27.2	-27.1
12	-29.4	-29.1	-20.1	-9.2	-3.5	6.0	9.2	7.5	-4.4	-14.5	-27.6	-22.1	-29.4
13	-33.0	-28.0	-22.2	-10.5	-4.2	-0.2	7.7	4.4	-1.9	-12.2	-22.9	-24.4	-33.0
14	-33.4	-33.4	-22.0	-12.6	-3.6	7.3	9.0	7.5	-2.5	-2.1	-22.3	-21.1	-33.4
15	-23.1	-20.1	-22.8	-12.7	-1.6	3.0	9.0	7.5	-1.9	-11.1	-22.3	-21.1	-23.1
16	-23.1	-23.5	-22.4	-12.2	-1.1	3.8	12.0	8.9	-2.3	-2.4	-23.2	-23.2	-23.1
17	-24.4	-21.1	-22.2	-12.1	-2.3	3.0	14.2	11.9	-2.3	-2.2	-22.2	-22.2	-24.4
18	-24.9	-22.4	-22.2	-7.8	-2.7	5.7	11.2	8.7	1.2	-2.2	-22.2	-22.2	-24.9
19	-22.0	-22.0	-22.2	-12.1	-2.9	3.1	10.0	8.0	-2.1	-2.0	-22.2	-22.2	-22.0
20	-22.0	-22.0	-22.2	-12.1	-2.9	3.1	10.0	8.0	-2.1	-2.0	-22.2	-22.2	-22.0
21	-22.0	-22.1	-21.5	-2.0	-1.1	11.4	2.2	1.0	-22.0	-22.0	-22.0	-22.0	-22.1

#12 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

206

RESTRICTED

826

RESTRICTED

Mu-tan-chiang

牡丹江

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1932	-41.7	-31.0	-29.1	-2.4	-1.8	3.6	8.8	8.6	-2.8	-6.8	-23.2	-44.3	-41.7
33	-36.6	-28.4	-25.0	-2.1	-1.4	4.1	11.1	9.3	-2.1	-9.5	-26.6	-42.3	-36.6
34	-33.9	-29.7	-27.0	-1.5	-1.4	4.4	12.4	9.4	-2.8	-13.5	-21.1	-33.0	-33.9
35	-33.7	-31.5	-21.0	-2.5	-1.5	3.0	8.9	10.9	2.9	-7.1	-21.0	-30.0	-33.7
36	-30.1	-27.7	-19.1	-10.9	-1.8	2.1	8.7	10.4	-2.8	-10.3	-24.2	-33.7	-30.1
37	-35.6	-31.0	-26.4	-10.5	-2.4	3.9	13.1	7.4	-2.9	-10.7	-29.3	-33.8	-35.6
38	-37.2	-34.4	-28.1	-7.5	-1.6	5.0	12.4	10.3	-2.0	-13.7	-27.5	-31.0	-37.2
39	-36.3	-33.3	-25.1	-10.0	-2.3	7.6	12.9	9.3	-2.2	-9.5	-21.8	-34.1	-36.3
30	-33.4	-31.5	-22.8	-13.4	-2.8	5.3	—	—	-2.0	-12.0	-19.4	-34.4	-33.4
31	-30.2	-24.8	-22.7	-11.6	-1.3	6.3	9.7	5.4	3.3	-8.4	-21.4	-30.6	-30.2
32	-30.4	-20.0	-21.5	-10.0	-0.3	6.6	11.0	6.8	4.0	-4.5	-27.7	-30.1	-30.4
37	-14.6	-13.8	-25.5	-7.6	-1.4	5.7	13.5	6.9	-0.2	-2.9	-20.3	-34.7	-34.7
38	-13.0	-13.5	-19.3	-5.9	-0.6	6.6	13.6	10.8	4.2	-6.3	-15.3	-30.7	-33.5
39	-13.3	-10.0	-17.7	-13.1	-1.8	7.3	14.4	7.2	0.9	9.1	-10.9	-24.0	-13.3
水汽压力力	1935	0.8	1.1	1.8	4.2	6.0	11.4	15.2	15.0	9.7	5.2	2.2	0.9
38	0.2	1.2	2.5	3.9	7.1	10.9	15.8	16.9	9.8	5.8	2.6	1.0	0.5
39	0.8	1.2	2.3	4.4	7.1	12.6	18.0	14.4	9.9	4.3	2.5	1.5	0.8
平均湿度	1938	87	81	62	25	62	69	70	82	82	75	76	83
39	84	88	60	62	66	85	77	69	81	61	73	80	72
40	81	74	56	58	—	76	76	75	72	64	72	80	—
最小湿度	1938	46	45	14	13	21	29	30	43	33	30	22	13
39	51	20	17	15	27	48	41	28	34	19	27	33	15
平均云量	1939	2.1	3.7	4.1	6.2	5.5	5.6	6.1	5.7	5.0	5.4	5.1	3.3
10	3.7	2.8	5.0	6.2	5.2	6.7	8.0	7.9	6.1	5.4	4.6	3.3	5.5
11	4.3	3.7	5.5	6.1	5.8	6.5	7.7	6.0	6.9	6.7	6.7	4.1	5.9
12	2.6	4.7	5.3	6.6	6.9	8.0	7.8	7.7	6.7	5.7	6.2	5.1	6.0
13	5.4	7.8	8.9	8.2	8.4	8.8	8.4	6.3	6.8	7.1	5.1	6.2	7.1
14	6.5	5.5	6.4	7.2	8.3	9.1	8.7	7.8	7.1	6.4	6.7	3.8	7.0
15	4.1	5.3	6.3	7.4	8.0	7.8	7.8	7.8	6.0	5.6	6.1	6.5	6.6
16	6.2	7.1	7.5	7.3	8.1	8.0	7.7	7.6	8.2	5.6	6.2	5.3	6.2
17	5.7	4.6	6.1	7.4	8.2	7.8	8.5	8.2	7.1	8.0	6.2	7.3	6.9
18	4.9	6.5	4.7	4.9	6.7	8.0	8.3	7.6	6.8	3.9	4.3	3.7	5.9
19	4.2	4.6	5.1	7.4	7.2	8.9	5.7	5.4	6.4	6.2	5.3	5.3	5.8
20	5.1	4.1	5.2	6.6	7.1	8.4	7.1	6.3	6.7	3.9	4.1	4.0	5.9
21	5.1	5.0	5.8	4.7	4.0	3.7	4.7	4.1	4.3	3.2	3.9	3.1	4.8
22	1.3	1.6	1.8	4.0	5.7	4.7	6.1	3.3	3.7	2.4	2.4	3.4	3.7
23	2.0	2.5	3.5	4.1	4.5	4.8	5.6	4.5	4.0	3.5	4.8	3.3	3.9
24	2.4	2.7	3.2	5.0	4.3	3.5	3.4	4.4	2.1	2.9	5.3	1.7	3.4
25	1.6	2.1	4.9	3.8	5.2	3.3	4.1	2.6	7.1	4.8	3.7	4.7	4.8
26	4.9	1.8	1.1	7.4	8.1	7.1	8.9	7.6	6.2	5.0	3.9	4.9	4.2
27	6.0	6.2	6.3	7.4	7.9	7.4	7.8	6.0	6.0	6.0	5.3	5.6	6.3
28	6.3	5.5	5.6	5.4	6.2	6.2	6.2	7.1	6.2	5.2	7.2	4.9	6.4
29	4.4	6.4	5.8	6.3	8.0	7.8	7.7	7.2	6.1	4.3	4.8	—	—
30	2.6	2.8	3.7	7.3	7.4	7.1	—	—	2.1	4.1	1.9	4.0	—
31	6.1	6.4	6.6	6.9	8.0	8.0	7.1	6.3	5.2	4.9	4.1	3.7	6.1
32	4.9	3.9	4.3	6.6	6.2	7.4	8.8	7.9	7.2	5.1	3.4	3.3	4.6
37	2.1	3.4	5.3	5.3	6.2	6.2	6.3	—	—	4.9	3.5	3.3	5.1
38	4.3	4.1	4.8	6.8	8.2	8.2	6.6	7.1	7.4	4.8	4.4	4.1	5.2
39	3.9	2.8	3.9	5.9	6.9	6.1	7.3	5.6	5.1	5.1	4.2	2.3	3.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

207

RESTRICTED

RESTRICTED

Mu-tan-chiang

227

杜 丹 江

Mean wind velocity

Maximum wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
平均風速	1909 2.6	3.7	4.4	3.8	3.0	2.9	2.7	2.8	3.0	2.9	2.4	2.3	3.1
10	2.1	2.5	3.5	3.8	3.9	2.9	2.7	2.5	2.0	2.0	2.0	2.0	2.7
11	1.4	2.8	2.8	2.8	2.6	1.7	2.0	1.8	2.2	2.1	2.5	2.0	2.2
12	2.3	2.6	2.9	3.4	3.4	1.7	1.5	1.8	2.2	2.2	2.4	1.9	2.2
13	2.2	2.8	3.1	3.1	3.1	2.0	2.0	1.6	2.0	1.8	2.4	1.9	2.3
14	1.8	1.4	3.7	3.4	3.5	2.0	1.6	1.3	1.8	1.9	2.0	1.3	2.1
15	1.7	2.4	3.0	3.4	2.6	2.1	1.9	2.0	2.5	2.0	2.4	2.9	2.4
16	2.4	1.9	3.4	4.0	3.2	2.8	2.1	2.1	2.7	2.8	2.3	3.0	2.7
17	2.4	2.6	3.8	3.7	3.8	2.9	2.5	2.0	2.5	3.7	2.8	4.9	3.1
18	3.5	3.1	2.5	3.4	2.3	2.4	2.1	1.1	1.9	2.8	2.6	3.7	2.8
19	4.3	4.3	4.3	4.8	4.8	3.3	3.3	2.7	2.5	4.7	4.4	3.6	3.8
20	3.1	2.1	3.7	4.3	4.1	3.8	3.4	3.5	2.5	3.3	4.3	3.0	3.4
21	3.9	3.8	3.9	3.7	3.9	3.0	3.4	3.0	3.8	3.0	4.3	2.8	3.7
22	2.0	2.4	3.7	3.9	4.4	3.8	2.6	2.1	3.0	2.8	2.9	3.0	3.0
23	3.0	2.4	3.9	4.7	3.9	3.1	2.4	...	...	...	...	...	...
24	1.9	3.1	2.8	5.0	2.8	2.6	2.7	2.1	2.0	3.6	3.5	2.0	2.8
25	1.1	2.4	2.6	4.0	3.0	2.4	2.5	2.4	2.2	2.5	2.9	3.5	2.8
26	2.7	3.7	3.1	3.9	3.1	3.3	1.9	2.1	2.3	3.4	2.2	2.8	2.8
27	2.4	2.4	2.9	3.3	3.5	2.5	2.7	2.0	2.0	3.4	1.7	2.2	2.6
28	2.3	1.9	2.8	3.9	4.0	1.9	1.8	1.7	2.7	2.0	2.3	1.5	2.4
29	1.8	2.0	2.8	3.5	2.3	3.2	1.9	1.8	2.4	2.7	2.6	...	...
30	1.2	1.9	2.4	3.5	3.7	2.3	...	...	2.0	2.7	3.4	2.1	...
31	2.1	2.5	4.1	3.4	3.9	2.6	2.3	2.3	2.3	2.4	2.5	2.3	3.0
32	2.6	2.1	3.8	4.4	4.8	2.9	2.7	2.1	1.6	2.7	2.5	2.0	2.8
33	1.3	1.9	2.5	3.3	3.0	2.0	2.0	2.2	2.2	2.5	2.7	1.9	2.3
34	1.5	1.6	2.4	4.0	2.8	2.2	2.2	2.0	1.7	1.9	2.4	1.3	2.2
35	1.4	1.9	2.5	2.1	2.5	2.4	2.5	1.8	1.8	2.1	2.1	1.8	2.9
最大風速	1937 8.2	13.4	10.0	13.6	16.8	8.6	13.0	10.2	11.0	10.6	10.8	9.2	12.8
38	10.3	2.8	12.0	12.7	19.0	10.8	2.4	2.8	7.3	10.9	13.4	7.6	19.0
39	7.3	2.3	10.2	2.4	11.0	7.9	10.1	2.8	10.9	11.2	9.3	11.4	11.2
雨量	1909 1.8	3.9	9.0	32.8	49.5	102.3	92.5	32.4	49.2	47.2	23.5	9.9	472.0
10	1.8	1.1	5.2	23.2	21.3	130.2	77.7	62.8	74.4	16.6	21.4	0.2	472.5
11	2.1	1.8	2.0	41.4	66.9	122.1	121.4	103.7	69.2	14.9	32.3	1.1	524.5
12	1.3	0.0	2.7	16.8	22.1	22.9	62.1	142.2	32.2	32.4	5.7	1.1	462.9
13	1.6	0.7	11.2	15.4	22.5	132.2	112.3	35.6	32.2	21.7	7.2	10.6	413.4
14	5.4	3.4	0.4	1.0	30.1	145.2	222.4	117.5	122.2	24.2	19.9	1.1	722.0
15	12.3	10.5	12.0	34.3	22.5	107.5	111.4	122.2	72.9	22.0	23.7	2.5	722.2
16	1.4	5.4	3.7	12.4	32.2	103.5	32.9	22.4	22.5	22.3	22.1	2.4	452.0
17	...	3.5	1.8	22.7	32.4	22.5	152.2	22.1	72.2	41.0	5.7	12.2	...
18	3.2	0.7	2.8	20.7	22.0	22.4	22.3	103.5	112.2	2.4	2.6	0.0	322.4
19	0.9	0.0	1.2	37.5	22.5	72.4	12.9	110.5	22.1	22.1	1.1	1.3	222.5
20	4.0	17.2	1.4	22.9	42.4	72.2	112.2	22.2	22.2	12.2	12.2	7.3	222.2
21	0.6	5.9	2.4	22.4	31.1	17.7	122.2	12.2	12.2	22.2	12.2	2.2	222.2
22	1.6	2.1	2.1	12.3	22.1	42.2	12.4	22.2	22.2	22.2	2.2	2.2	222.2
23	2.3	0.9	22.3	22.7	22.5	71.9	22.4	102.2	22.2	22.2	22.2	2.2	222.2
24	4.4	2.0	2.2	22.1	42.5	12.0	22.0	22.0	22.0	22.0	2.2	11.4	222.0
25	2.1	2.9	12.0	12.3	22.4	22.7	22.5	212.0	12.2	12.2	2.2	2.2	222.2
26	1.0	1.7	3.4	12.0	22.2	22.7	22.2	122.2	12.2	12.2	2.2	2.2	222.2
27	0.2	0.2	2.0	12.2	22.2	22.2	22.2	22.2	22.2	22.2	2.2	2.2	222.2
28	7.9	4.0	11.9	21.1	22.0	22.1	22.1	22.1	22.1	22.1	2.2	2.2	222.1
29	2.2	4.0	2.4	3.4	22.2	22.2	22.2	22.2	22.2	22.2	2.2	2.2	222.2
30	2.0	2.4	11.2	12.2	22.2	22.2	...	...	...	...	...	...	...
31	2.0	2.7	4.7	22.2	22.2	122.0	22.2	122.2	22.2	22.2	2.2	2.2	222.2
32	1.3	4.3	7.2	22.2	...	...	...	...	...	...	...	...	...
33	0.3	1.4	17.7	22.7	42.4	122.1	22.2	22.2	22.2	22.2	2.2	2.2	222.2
34	2.5	12.2	2.2	12.2	22.2	22.2	22.2	22.2	22.2	22.2	2.2	2.2	222.2
35	2.5	2.0	1.6	22.2	22.7	122.2	22.2	22.2	22.2	22.2	2.2	2.2	222.2
36	2.1	1.4	1.1	22.2	...	...	...	...	...	...	...	...	...

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

208

RESTRICTED

RESTRICTED

898

Mu-tan-chiang
牡丹江

STAT

Maximum rainfall
per day

Insolation capaci-
ty (in hours)

Percentage of in-
solation capacity

Evaporative cap-
acity

Maximum evapora-
tive capacity per
day

Mean minimum
earth temperature

Minimum earth
temperature
Mean ground level
temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
最大日量	10	13	11	1.6	15.0	7.9	25.0	25.5	30.4	33.5	40	31.5
11	2.0	1.8	3.0	16.6	19.3	48.1	57.1	24.7	19.5	3.8	3.3	5.1
12	1.2	3.0	3.1	6.7	20.3	16.8	22.0	28.5	12.8	10.3	4.0	0.8
13	1.2	3.0	6.5	12.0	9.9	28.1	21.1	10.3	6.7	7.0	3.8	3.8
14	3.0	2.9	5.6	0.6	13.9	27.0	29.4	40.9	28.7	5.3	3.2	0.8
15	4.4	4.4	7.4	9.6	13.8	24.2	31.4	50.0	30.0	7.4	10.0	2.2
16	0.8	4.1	2.8	18.0	8.8	38.1	19.0	34.9	32.2	18.1	9.8	2.9
17	0.9	2.0	0.7	18.3	10.5	20.3	35.3	31.7	18.8	14.7	3.7	5.4
18	3.0	0.5	4.2	9.6	7.8	15.9	18.3	48.9	27.0	2.6	2.3	0.0
19	6.6	0.0	0.9	12.5	20.3	20.6	15.2	17.4	32.5	9.4	4.4	0.9
20	1.7	16.1	0.6	12.5	24.0	14.3	35.5	24.8	23.0	7.0	3.8	3.8
21	0.2	4.5	1.5	15.5	10.3	2.8	44.3	29.7	41.1	41.8	6.7	3.5
22	0.9	2.2	3.8	7.8	16.8	13.1	23.7	17.1	20.2	5.4	4.5	0.2
23	1.5	0.8	29.3	24.4	13.7	15.6	13.1	24.5	20.8	24.7	9.3	1.4
24	1.4	3.8	3.2	19.0	6.0	14.0	18.8	18.1	5.9	12.5	2.2	8.1
25	0.1	0.9	4.2	10.8	9.4	18.6	11.3	85.9	10.0	12.4	2.1	2.8
26	0.7	1.1	1.3	7.4	18.6	14.3	41.1	20.5	26.8	9.3	1.6	5.2
27	0.1	0.2	2.3	8.4	24.3	20.2	43.7	24.4	3.0	23.2	10.3	1.2
28	4.0	1.1	4.6	8.8	14.3	29.8	23.7	38.9	50.6	26.0	8.3	1.8
29	2.5	1.7	1.7	2.8	23.3	21.1	36.4	16.6	11.4	15.8	4.6	36.4
30	0.0	1.9	4.5	7.6	27.5	18.1	16.6	32.0	7.5	2.5	2.5	...
31	6.1	1.6	3.3	4.8	18.7	29.5	31.2	49.2	42.7	22.5	4.0	2.3
32	1.0	3.0	3.0	9.3	38.3	14.5	13.7	24.3	12.8	21.9	11.1	5.3
37	0.2	0.7	0.1	10.7	17.3	33.8	14.5	18.3	10.2	20.4	1.6	3.0
38	4.2	8.8	2.3	6.9	6.8	8.6	10.8	29.4	28.1	12.8	9.1	1.7
39	0.7	0.0	1.4	9.6	12.8	25.9	7.8	20.3	12.6	4.6	12.2	1.2
40	...	...	...	...	...	...	...	...	...	...	...	...
日照時數	1937	220.2	220.4	229.6	235.3	232.8	245.7	290.7	232.2	210.4	199.6	207.4
38	182.9	185.2	205.3	199.3	173.3	218.6	292.5	190.4	181.7	212.2	182.3	150.6
39	183.6	228.2	216.0	222.3	245.7	178.2	216.9	271.3	132.8	214.9	144.5	182.4
40	129.5	222.5	258.7	220.0	...	212.4	250.9	217.7	237.6	203.7	147.9	150.4
日照率	1937	81	75	82	38	51	53	63	54	67	59	72
38	64	83	84	49	38	49	62	44	44	61	66	61
39	64	81	59	55	54	39	46	63	36	63	50	67
蒸發量	1937	17.6	26.0	48.4	101.5	227.5	185.7	195.5	154.0	142.2	94.5	66.9
38	22.8	22.0	112.1	187.0	200.5	206.3	259.9	164.1	98.2	80.1	50.2	22.8
39	25.1	27.0	22.3	128.2	173.5	137.7	174.4	107.6	78.2	108.3	40.1	24.8
40	31.0	35.1	12.7	127.6	149.9	175.9	149.3	120.9	83.9	39.1	23.8	...
最大日量	1937	1.2	1.0	2.7	8.5	15.5	9.2	9.3	7.8	7.8	5.8	6.6
38	1.2	2.1	7.7	13.7	16.7	11.1	12.5	9.8	6.5	4.7	4.4	1.8
39	1.5	2.0	6.0	8.6	10.2	7.9	8.4	7.9	6.9	8.0	3.3	1.5
平均	1937	-11.1	-20.3	-18.3	-2.8	2.1	10.4	14.1	12.4	4.7	-2.7	-15.5
38	-20.8	-21.9	-15.0	-3.5	2.0	8.0	13.4	17.2	7.2	-1.8	-11.0	-25.3
39	-28.1	-21.9	-11.8	-9.9	4.0	11.2	19.3	15.6	7.9	-4.2	-12.9	-21.4
40	-24.7	-22.7	-12.4	-4.4	...	10.4	15.8	12.7	5.7	-3.5	-11.4	-21.9
最低地温	1939	-24.8	-31.5	-19.8	-15.8	-3.7	4.9	12.8	3.7	-2.7	-11.7	-20.8
平均	1937	-17.0	-13.1	1.1	8.2	16.3	23.7	21.2	15.7	7.5	-2.0	-14.7
38	-18.7	-8.7	-4.4	7.7	18.1	26.2	29.4	22.8	15.5	4.0	-3.3	-10.9
40	-17.0	-18.3	-8.4	6.3	...	21.8	25.4	22.9	14.9	6.7	-2.3	-2.4

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

209

RESTRICTED

STAT

RESTRICTED

STAT

Mu-tan-chiang

899

社 丹 江

Underground temperature

"

"

"

"

"

"

"

"

"

"

"

"

Number of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地中温度 (0.1m) 1937	-14.3	-11.8	-4.9	3.4	10.6	18.0	25.1	24.4	18.0	7.9	-0.5	-11.0	5.5
38	-14.4	-11.7	-1.3	5.9	13.3	20.8	27.2	24.2	15.4	7.6	-1.1	-10.3	6.3
39	-14.5	-10.3	-2.0	4.0	12.1	17.0	24.6	24.4	15.3	6.7	-1.2	-8.9	5.6
40	-14.4	-10.8	-2.6	3.4	...	17.4	23.8	21.5	16.0	16.0	-1.2	-7.7	...
地中温度 (0.2m) 1937	-13.8	-11.6	-5.0	1.5	8.6	16.8	23.4	23.6	18.0	8.4	0.7	-9.5	5.1
38	-13.6	-11.2	-1.8	4.7	12.1	19.7	25.8	23.7	15.7	8.2	0.1	-8.4	6.2
39	-13.8	-9.7	-2.2	2.7	10.7	16.2	23.6	23.9	15.7	7.4	0.0	-7.3	5.7
40	-12.9	-10.1	-2.7	2.1	...	16.1	23.0	21.2	16.3	16.3	-0.4	-6.7	...
地中温度 (0.3m) 1937	-11.2	-10.4	-4.8	0.6	7.4	15.5	22.2	22.9	17.7	8.7	1.5	-7.7	5.2
38	-12.2	-10.5	-2.4	3.4	10.6	18.1	24.2	22.9	15.9	8.9	1.5	-6.1	6.2
39	-11.7	-9.2	-2.3	1.7	9.2	15.0	22.2	23.1	15.8	8.2	1.1	-5.8	5.6
40	-11.2	-9.5	-2.9	1.3	...	14.7	20.9	20.5	16.4	16.4	0.3	-5.4	...
地中温度 (0.5m) 1937	-9.3	-9.2	-1.6	-0.6	5.4	12.9	19.9	21.6	17.5	9.7	3.1	-5.3	5.1
38	-10.4	-2.4	-2.7	1.8	8.8	15.4	22.1	22.1	16.3	9.6	2.6	-5.2	6.0
39	-11.0	-2.4	-2.2	1.0	8.2	13.9	20.9	22.6	16.1	9.1	3.0	-4.1	5.9
40	-9.3	-2.4	-2.8	0.8	...	13.6	20.0	20.3	17.1	17.1	3.1	-1.3	...
地中温度 (1.0m) 1937	-2.7	-4.9	-3.0	-1.2	0.0	5.5	13.4	17.0	15.8	11.4	6.7	1.6	5.0
38	-3.5	-5.1	-2.5	-0.7	1.7	8.5	14.5	17.2	15.4	11.1	6.2	1.4	5.4
39	-3.7	-4.9	-2.0	-0.7	1.6	7.3	14.0	17.2	15.3	11.0	5.9	1.4	5.2
40	-2.5	-4.4	-2.4	-0.8	...	6.8	13.4	16.0	15.4	15.4	5.8	2.5	...
地中温度 (2.0m) 1937	3.0	1.4	0.6	0.4	0.5	1.1	6.5	10.6	12.0	11.2	8.9	6.0	5.2
38	3.1	1.2	0.4	0.3	0.4	2.5	7.4	10.8	12.0	11.0	8.7	5.9	5.3
39	3.1	1.1	0.4	0.5	0.5	2.3	7.1	10.8	12.0	11.0	8.6	5.8	5.3
40	3.3	1.4	0.5	0.5	...	2.0	6.7	10.1	11.6	11.6	7.8	5.4	...
地中温度 (3.0m) 1937	5.0	3.0	2.9	2.4	2.0	1.9	4.1	7.2	9.1	9.7	8.8	7.2	5.4
38	5.1	3.4	2.2	2.0	1.8	2.1	4.6	7.3	9.1	9.5	8.8	7.2	5.3
39	5.4	3.2	2.6	2.1	1.8	2.1	4.6	7.3	9.1	9.5	8.7	7.2	5.4
40	5.4	3.2	2.7	2.0	...	1.9	4.3	6.9	8.5	8.5	8.2	6.5	...
地中温度 (4.0m) 1937	5.7	5.0	4.3	3.7	3.4	3.1	3.5	4.9	6.4	7.4	7.7	7.3	5.2
38	6.5	5.5	4.6	3.9	3.5	3.2	3.8	5.1	6.5	7.4	7.7	7.3	5.4
39	6.5	5.5	4.6	4.0	3.5	3.3	3.8	5.1	6.4	7.3	7.7	7.3	5.4
40	6.5	5.6	4.7	3.9	...	3.2	3.6	4.9	6.2	6.2	6.9	...	...
地中温度 (5.0m) 1937	5.6	5.3	4.8	4.4	4.1	3.7	3.7	4.3	5.3	6.2	6.8	6.8	5.1
38	6.5	5.8	5.2	4.5	4.1	3.8	4.2	4.8	6.2	6.8	6.7	6.8	5.3
39	6.5	5.9	5.3	4.7	4.3	3.9	3.8	4.5	5.3	6.1	6.6	6.7	5.3
40	6.4	5.9	5.3	4.6	...	3.2	3.7	4.4	5.3	5.3	7.4	7.0	...
降水日数 1900	3	3	3	13	11	22	12	10	11	8	6	4	106
10	3	1	0	11	11	16	15	18	17	6	8	1	113
11	7	1	8	9	7	11	16	18	16	15	8	3	125
12	2	6	8	7	7	16	18	10	19	9	11	5	113
13	3	7	5	6	6	20	16	9	18	7	5	5	108
14	5	3	5	3	7	21	19	17	15	11	0	3	118
15	7	5	9	11	20	20	16	18	9	7	7	0	123
16	2	3	3	8	13	17	13	11	13	11	4	7	99
17	5	6	5	5	12	16	18	17	14	7	1	1	112
18	4	8	5	5	14	19	19	20	19	6	3	...	114
19	8	...	8	6	14	18	5	13	7	7	4	3	81
20	7	6	5	8	18	19	18	18	12	10	10	1	104
21	3	6	5	6	12	17	17	13	16	10	6	0	101
22	5	3	9	6	17	17	22	12	16	6	6	1	121

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

218 RESTRICTED

STAT

880

RESTRICTED

Mu-tan-chiang
社 丹

STAT

Number of rainy days

Number of clear days

Number of cloudy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1943	4	3	10	8	13	21	16	15	15	11	10	7	123
44	8	7	9	15	10	10	10	10	9	10	10	7	127
45	1	5	13	5	17	7	11	19	14	7	4	8	111
46	2	3	7	4	15	9	13	20	10	11	3	4	103
47	2	1	4	7	10	13	20	10	6	9	7	5	100
48	8	6	8	4	14	21	19	18	10	11	6	4	128
49	9	7	4	3	16	16	13	17	13	6	8	7	127
50	9	6	9	6	15	16	11	11	11	4	7	7	121
51	7	5	4	13	10	14	11	13	10	10	7	5	118
52	7	5	5	7	10	14	21	10	10	10	7	5	118
53	2	3	7	8	11	16	15	13	7	11	2	4	99
54	3	4	3	10	15	13	13	21	17	7	7	4	117
55	6	2	2	9	11	18	11	7	20	6	9	8	107
56	7	4	4	11	11	20	16	11	10	10	11	9	117
快晴日数	21	9	10	3	5	3	5	5	8	6	9	11	95
1949	10	13	13	8	6	5	4	1	4	10	10	14	104
11	10	13	4	5	5	1	1	3	3	3	4	10	61
12	10	7	5	5	3	1	3	1	4	4	3	7	58
13	10	2	2	1	1	1	2	1	3	3	3	6	39
14	4	6	2	2	1	1	1	2	5	3	11	37	47
15	13	7	3	2	1	1	1	2	5	3	2	2	54
16	2	2	4	2	1	3	1	4	5	7	9	6	41
17	4	9	4	2	3	1	1	1	6	3	3	3	35
18	5	4	11	5	3	1	1	2	10	11	21	21	73
19	11	9	7	2	2	1	6	8	3	7	7	13	73
20	8	9	7	2	1	1	1	2	2	12	5	13	64
21	15	7	9	5	9	7	9	8	8	14	10	11	118
22	24	13	8	10	3	7	6	14	14	16	19	21	145
23	19	12	13	13	7	5	6	9	10	11	5	14	124
24	16	13	13	6	13	13	4	10	18	15	8	21	150
25	21	17	7	12	5	13	4	2	2	11	4	1	94
26	6	3	5	2	2	3	3	1	1	3	4	1	28
27	3	3	3	1	1	1	1	4	3	6	5	3	30
28	6	2	7	6	1	1	1	1	3	9	2	6	48
29	11	3	6	1	1	1	1	2	10	10	9	11	60
30	19	6	7	2	2	2	1	3	10	9	11	13	60
31	6	10	3	8	1	1	2	3	5	12	9	13	61
32	10	9	5	1	1	1	1	1	4	8	11	7	67
33	19	12	4	5	1	1	1	3	1	7	9	6	67
34	8	9	11	1	1	2	3	1	1	7	11	8	62
35	12	15	3	5	2	2	1	6	1	12	9	13	81
36	8	12	11	3	3	2	1	5	9	9	7	11	77
云天日数	2	2	4	10	8	6	11	12	7	10	10	4	83
1950	6	4	7	10	11	10	14	20	19	8	9	7	111
11	8	4	8	10	10	9	17	18	14	12	12	6	117
12	2	6	5	18	15	15	16	15	7	8	8	5	115
13	10	15	10	19	20	19	20	10	10	8	15	6	145
14	12	8	10	14	20	23	22	16	13	12	12	2	164
15	5	7	11	12	17	18	17	15	14	8	8	8	120
16	10	13	12	15	22	16	16	19	17	11	7	5	125
17	9	7	10	13	13	18	17	23	11	10	11	17	129
18	8	12	10	8	13	18	20	21	13	11	3	5	118
19	4	2	4	12	12	20	8	7	12	24	9	2	100
20	9	9	11	11	12	21	11	11	12	12	11	6	121
21	1	6	5	4	3	1	1	6	6	5	6	6	63
22	1	1	1	4	5	3	3	3	3	3	3	3	34

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

211

RESTRICTED

STAT

RESTRICTED

Mu-tan-chiang
 杜 丹 江

Number of cloudy days

Number of foggy days

Number of days with hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1924	1	2	3	6	7	3	7	4	...	3	2	1	46
25	...	1	2	4	7	3	10	17	13	4	8	11	84
26	...	8	7	13	11	11	14	16	10	10	12	13	124
27	...	6	7	11	10	17	16	14	8	9	14	5	118
28	10	6	9	9	17	16	8	17	6	9	14	5	126
29	4	8	8	9	16	17	15	14	6	3	7	...	...
30	...	6	8	10	15	18	...	...	8	8	12	5	...
31	5	11	8	10	17	16	13	11	7	6	1	7	124
32	3	7	11	9	13	15	15	9	6	8	1	4	120
33	1	7	7	9	13	14	7	14	3	8	3	7	86
34
35	4	6	8	11	11	13	11	14	16	3	7	5	119
36	8	8	9	10	13	11	14	7	14	4	8	5	115
37	1	7	7	9	13	14	7	14	3	8	3	7	86
38	4	6	8	11	11	13	11	14	16	3	7	5	119
39	8	8	9	10	13	11	14	7	14	4	8	5	115
40	12	1	5	9	...	15	16	13	10	10	9	9	...
雾日数 1900	1	2	4	...	...	...	...	...	7
10	5	2	1	...	5
11	1	2	9	12	14	4	2	...	45
12	15	7	2	...	37
13	2	3	2	1	...	3	6	8	13	5	...	...	41
14	10	7	3	3	1	1	2	6	14	11	2	...	60
15	1	1	1	...	...	...	...	...	2	1	2	...	13
16	2	5	3	...	26
17	1	19	10	1	5	...	36
18	3	...	3	10	4	2	...	1	25
19	1	3	2	4	2	6	10	2	...	...	30
20	...	6	1	1	1	...	3	3	3	1	1	...	19
21	1	1	1	1	1	...	3	3	3	1	1	...	20
22	8	4	...	4	3	...	1	4	2	2	...	...	23
23	1	3	5	8	2	...	...	19
24	1	1	1	5	6	2	...	...	14
25	8	2	2	...	16
26	...	1	...	...	...	...	...	...	6	1	...	...	16
27	2	...	...	...	1	3	1	7	6	...	1	...	21
28	3	...	3	2	...	...	1	...	9
29	1	3	6	...	...	...	...	...
30	1	4	6	...	7	1	...	19
31	2	1	4	4	2	1	...	14
32	1	...	...	...
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

212

RESTRICTED

889

RESTRICTED

Mu-tan-chiang

牡丹社

STAT

Number of days
with hail

Number of days
with soft hail

Number of days
without sunshine

Number of days
with electrical
storms

Number of stormy
days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1913													2
37													3
38													1
39													1
40													1
Number of days with soft hail													3
1918													5
39													5
Number of days without sunshine													17
1917													22
38													30
39													7
40													5
Number of days with electrical storms													7
1909													7
10													7
11													5
12													6
13													6
14													20
15													13
16													13
17													15
18													6
19													7
20													9
21													8
22													8
23													12
24													9
25													5
26													16
27													16
28													14
29													9
30													3
31													14
32													14
33													30
34													16
35													29
36													16
37													29
38													16
39													29
40													16
Number of stormy days													8
1909													8
10													3
11													4
12													8
13													8
14													3
15													1
16													18
17													17
18													4
19													16
20													39
21													41
22													45
23													20
24													21
25													18
26													11
27													4
28													4
29													4
30													4

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

213 **RESTRICTED**

RESTRICTED

Mu-tan-chiang

888

社 丹 江

Number of stormy days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1927	2	1	1	6	2	2	1	1	1	1	1	1	16
28	1	2	1	3	7	1	1	1	1	1	1	1	14
29	1	1	1	3	1	1	1	1	1	1	1	1	11
30	1	1	1	3	1	1	1	1	1	1	1	1	11
31	3	1	3	5	1	1	1	1	1	1	1	1	15
32	1	1	4	1	2	2	1	1	1	1	1	1	11
37	1	1	1	4	6	1	1	1	1	1	1	1	11
38	1	1	3	9	8	1	1	1	1	1	1	1	20
39	1	1	1	1	3	1	1	1	1	1	1	1	7
40	1	1	1	7	1	1	1	1	1	1	1	1	11
41	1	1	1	1	1	1	1	1	1	1	1	1	11
42	1	1	1	1	1	1	1	1	1	1	1	1	11
43	1	1	1	1	1	1	1	1	1	1	1	1	11
44	1	1	1	1	1	1	1	1	1	1	1	1	11
45	1	1	1	1	1	1	1	1	1	1	1	1	11
46	1	1	1	1	1	1	1	1	1	1	1	1	11
47	1	1	1	1	1	1	1	1	1	1	1	1	11
48	1	1	1	1	1	1	1	1	1	1	1	1	11
49	1	1	1	1	1	1	1	1	1	1	1	1	11
50	1	1	1	1	1	1	1	1	1	1	1	1	11
51	1	1	1	1	1	1	1	1	1	1	1	1	11
52	1	1	1	1	1	1	1	1	1	1	1	1	11
53	1	1	1	1	1	1	1	1	1	1	1	1	11
54	1	1	1	1	1	1	1	1	1	1	1	1	11
55	1	1	1	1	1	1	1	1	1	1	1	1	11
56	1	1	1	1	1	1	1	1	1	1	1	1	11
57	1	1	1	1	1	1	1	1	1	1	1	1	11
58	1	1	1	1	1	1	1	1	1	1	1	1	11
59	1	1	1	1	1	1	1	1	1	1	1	1	11
60	1	1	1	1	1	1	1	1	1	1	1	1	11
61	1	1	1	1	1	1	1	1	1	1	1	1	11
62	1	1	1	1	1	1	1	1	1	1	1	1	11
63	1	1	1	1	1	1	1	1	1	1	1	1	11
64	1	1	1	1	1	1	1	1	1	1	1	1	11
65	1	1	1	1	1	1	1	1	1	1	1	1	11
66	1	1	1	1	1	1	1	1	1	1	1	1	11
67	1	1	1	1	1	1	1	1	1	1	1	1	11
68	1	1	1	1	1	1	1	1	1	1	1	1	11
69	1	1	1	1	1	1	1	1	1	1	1	1	11
70	1	1	1	1	1	1	1	1	1	1	1	1	11
71	1	1	1	1	1	1	1	1	1	1	1	1	11
72	1	1	1	1	1	1	1	1	1	1	1	1	11
73	1	1	1	1	1	1	1	1	1	1	1	1	11
74	1	1	1	1	1	1	1	1	1	1	1	1	11
75	1	1	1	1	1	1	1	1	1	1	1	1	11
76	1	1	1	1	1	1	1	1	1	1	1	1	11
77	1	1	1	1	1	1	1	1	1	1	1	1	11
78	1	1	1	1	1	1	1	1	1	1	1	1	11
79	1	1	1	1	1	1	1	1	1	1	1	1	11
80	1	1	1	1	1	1	1	1	1	1	1	1	11
81	1	1	1	1	1	1	1	1	1	1	1	1	11
82	1	1	1	1	1	1	1	1	1	1	1	1	11
83	1	1	1	1	1	1	1	1	1	1	1	1	11
84	1	1	1	1	1	1	1	1	1	1	1	1	11
85	1	1	1	1	1	1	1	1	1	1	1	1	11
86	1	1	1	1	1	1	1	1	1	1	1	1	11
87	1	1	1	1	1	1	1	1	1	1	1	1	11
88	1	1	1	1	1	1	1	1	1	1	1	1	11
89	1	1	1	1	1	1	1	1	1	1	1	1	11
90	1	1	1	1	1	1	1	1	1	1	1	1	11
91	1	1	1	1	1	1	1	1	1	1	1	1	11
92	1	1	1	1	1	1	1	1	1	1	1	1	11
93	1	1	1	1	1	1	1	1	1	1	1	1	11
94	1	1	1	1	1	1	1	1	1	1	1	1	11
95	1	1	1	1	1	1	1	1	1	1	1	1	11
96	1	1	1	1	1	1	1	1	1	1	1	1	11
97	1	1	1	1	1	1	1	1	1	1	1	1	11
98	1	1	1	1	1	1	1	1	1	1	1	1	11
99	1	1	1	1	1	1	1	1	1	1	1	1	11
100	1	1	1	1	1	1	1	1	1	1	1	1	11

高 嶺 子

Kao-ling-tzu

Mean barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Mean barometric pressure at sea level
 Mean atmospheric temperature
 Mean maximum atmospheric temperature
 Mean minimum atmospheric temperature
 High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	702.9	699.0	702.8	694.3	695.1	695.5	695.8	695.5	699.3	702.1	702.1	701.9	699.0
29	702.8	705.4	698.7	699.2	696.7	695.4	697.7	699.4	698.7	702.6	700.7	702.9	699.7
1938	712.3	707.0	707.0	705.3	705.5	705.0	701.9	705.1	706.7	710.7	710.6	710.9	712.3
39	694.7	684.7	692.1	683.0	682.0	688.6	690.3	691.3	686.2	692.5	691.4	692.1	682.0
1938	770.7	765.3	764.0	755.4	755.0	754.3	754.5	754.6	759.3	763.6	766.6	769.2	761.2
39	770.9	770.0	763.6	760.6	758.7	752.3	754.7	757.4	758.8	764.3	765.1	769.0	761.8
1938	-12.3	-12.3	-2.2	3.9	10.0	15.7	20.9	18.9	10.9	5.4	-6.8	-12.8	2.1
39	-20.9	-14.8	-5.7	4.9	10.3	14.2	21.5	20.4	11.5	4.3	-7.1	-12.5	3.0
1938	-13.3	-11.4	2.2	9.4	15.2	21.3	25.8	23.6	15.3	10.6	-2.4	-14.4	6.7
39	-18.5	-10.3	-1.4	16.1	18.0	18.7	25.9	25.9	15.9	10.3	-1.9	-14.4	7.0
1938	-22.8	-12.8	-4.5	-1.8	5.7	10.9	16.9	18.6	8.1	1.0	-12.1	-21.2	-1.8
39	-24.8	-12.1	-9.7	0.5	5.2	10.5	18.4	16.0	8.1	1.0	-12.1	-16.4	-1.9
1938	3.2	0.6	12.6	18.4	27.4	37.5	32.4	28.7	22.8	18.0	16.0	-6.2	22.4
39	2.1	1.2	5.7	21.2	23.9	22.2	31.1	29.7	22.1	16.0	12.3	-2.1	22.4

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

214 **RESTRICTED**

RESTRICTED

384

Kao-ling

高雄

STAT

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Number of rainy days

Number of clear days

Number of cloudy days

Number of days with hail

Number of days with soft hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
低溫極限 1938	-28.6	-28.0	-17.0	-10.8	0.0	5.5	12.2	18.8	22.8	22.8	15.6	-28.5	-28.5
39	-32.6	-28.0	-17.3	-15.9	-3.8	--	--	10.8	6.9	-3.3	-10.3	-22.0	-24.4
水汽蒸氣力 1938	0.9	1.1	2.1	3.4	6.3	9.8	15.0	14.7	8.1	4.4	2.1	0.9	5.7
39	0.8	1.1	2.1	3.9	5.7	9.8	15.9	15.9	8.6	3.7	2.1	1.3	5.7
平均濕度 1938	82	76	58	58	68	73	82	87	81	62	54	56	73
39	78	71	68	59	61	81	84	77	81	58	54	67	71
最小濕度 1938	44	33	27	24	26	31	51	49	49	34	26	26	24
39	44	40	38	21	29	40	50	44	38	22	28	28	21
平均霧量 1938	5.1	4.7	4.5	7.0	8.0	6.9	7.2	7.9	7.8	5.3	5.1	5.0	6.2
39	5.0	3.0	6.3	6.1	6.6	8.3	8.1	6.9	7.5	4.8	5.5	4.8	6.1
平均風速 1938	3.8	4.3	3.2	4.6	3.6	2.7	2.0	1.8	2.2	3.1	3.3	3.9	3.2
39	3.5	4.0	3.4	2.9	3.1	2.2	2.3	1.7	2.6	3.2	3.6	3.9	3.0
最大風速 1938	10.3	11.5	12.5	14.7	16.3	11.8	11.9	6.4	10.0	12.3	10.3	11.7	16.3
39	12.8	12.8	11.0	9.3	15.3	8.3	9.1	7.2	10.8	13.2	12.3	12.8	12.8
降水量 1938	6.1	5.7	11.8	50.1	75.3	99.7	120.0	224.8	160.5	28.6	20.0	18.3	1009.9
39	19.6	9.6	24.2	45.8	58.1	222.3	212.8	60.3	226.0	17.4	76.7	89.4	1053.3
最大日量 1938	2.2	2.1	6.0	10.3	12.4	40.6	42.6	67.7	34.7	39.2	5.1	6.5	67.7
39	7.3	6.6	9.4	11.9	15.7	55.6	60.3	18.2	33.9	5.4	21.2	45.3	60.3
日照時數 1938	175.7	188.0	228.1	180.2	157.0	220.9	206.8	132.8	126.0	196.2	153.2	129.6	2114.5
39	148.4	206.0	173.7	197.8	223.0	138.9	159.8	209.9	113.6	207.3	145.1	132.4	2039.9
日照率 1938	62	64	67	45	36	52	44	32	34	62	54	55	48
39	51	70	47	49	49	30	34	28	30	61	51	51	48
蒸發量 1938	13.4	19.5	94.1	135.9	141.2	183.1	162.3	111.7	76.4	89.9	46.2	22.6	1091.3
39	18.4	23.9	43.1	107.5	154.5	106.8	120.8	142.5	64.6	96.0	34.8	19.9	932.8
最大蒸發量 1938	1.0	2.2	7.3	9.4	10.3	10.2	9.2	7.8	6.5	5.5	3.0	1.4	10.3
39	1.5	1.5	2.8	7.5	10.0	7.1	7.8	7.0	4.5	9.1	2.7	1.4	10.0
平均最低地溫 1938	-26.5	-22.1	-11.6	-6.6	2.1	8.0	12.5	14.6	2.2	-3.1	-12.3	-22.4	-15.0
39	-25.1	-19.1	-11.3	-2.2	2.9	8.5	12.7	13.8	2.2	-3.9	-12.6	-17.6	-4.5
雨天日數 1938	18	11	7	13	21	15	17	24	19	10	11	16	180
39	16	3	13	9	17	21	17	20	24	6	11	16	183
晴天日數 1938	3	9	10	1	1	1	1	1	1	3	10	7	46
39	7	12	3	5	1	1	1	2	2	7	5	5	53
曇天日數 1938	5	8	8	11	20	13	11	19	19	7	11	9	141
39	8	4	13	13	11	21	18	14	18	9	9	9	146
霰日數 1938	---	---	---	1	2	3	---	---	---	---	---	---	6
39	---	---	---	1	2	3	---	---	---	---	---	---	6
霏日數 1938	---	---	---	1	5	1	---	---	---	---	---	---	8
39	---	---	---	1	3	2	---	---	---	---	---	---	15

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

Kao-ling-tzu

高 嶺 子

Number of days without
sunshine
Number of days with elec-
trical storms
Number of stormy days
Number of freezing days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
不 照 日 數 1938	—	3	3	3	4	1	7	7	4	6	3	5	38
39	6	3	5	4	1	7	7	4	7	6	4	5	56
電 雷 日 數 1938	—	—	—	—	2	5	6	3	1	—	—	—	16
39	—	—	—	—	1	9	6	3	4	—	—	—	24
暴 風 日 數 1938	1	4	5	11	6	1	1	—	1	4	3	4	41
39	3	2	2	—	4	—	—	—	1	2	3	3	20
冰 日 數 1938	31	28	30	21	1	—	—	—	—	15	29	31	185
39	31	28	31	22	2	—	—	—	1	17	26	31	179

一 面 坡 I-mien-p'lo

Mean barometric pressure
of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水 銀 氣 壓 1909	49.9	43.6	44.6	39.2	37.7	35.6	36.7	37.7	40.5	44.3	43.0	48.0	41.7
10	47.4	45.4	43.5	40.6	38.8	37.8	37.8	37.3	42.0	46.6	45.8	48.3	41.9
11	48.6	49.2	46.5	40.4	38.7	35.8	35.4	38.3	41.8	44.8	48.1	49.1	43.8
12	49.9	45.1	44.0	38.2	36.9	34.8	35.3	38.5	41.9	44.9	49.0	50.0	42.3
13	50.0	48.0	43.2	40.5	37.0	34.0	34.4	36.6	40.1	45.9	47.1	47.3	43.1
14	45.4	48.9	48.5	40.5	37.2	34.3	34.2	37.9	41.5	44.7	48.4	48.4	41.7
15	49.3	44.0	43.7	40.6	37.1	34.5	35.3	36.1	40.4	46.9	47.0	45.2	41.6
16	48.9	47.1	43.1	40.8	37.6	34.9	36.1	38.1	41.7	45.5	50.1	49.2	43.8
17	48.6	47.2	46.1	39.6	37.0	35.0	37.2	37.6	42.7	43.6	47.8	46.1	43.8
18	43.7	46.1	46.0	41.4	37.3	34.4	35.7	39.6	39.5	44.6	47.6	48.8	42.6
19	50.4	46.0	43.3	38.9	38.1	35.3	38.9	38.8	42.8	42.2	45.8	49.8	42.5
20	48.2	53.5	47.4	47.1	39.5	35.2	36.7	37.2	44.0	45.9	47.3	46.5	43.9
21	48.6	46.7	44.1	41.2	36.7	37.9	37.9	38.5	44.0	47.3	45.9	48.8	43.3
22	52.2	47.3	44.0	41.9	37.9	34.8	35.2	38.4	42.2	43.1	47.5	47.4	43.7
23	50.0	47.8	45.2	41.5	38.1	35.1	35.5	37.7	41.8	42.7	45.1	47.1	42.3
24	48.5	45.5	47.2	40.0	38.2	37.2	37.3	38.7	42.3	44.6	45.6	48.2	42.8
25	50.8	49.3	44.1	43.2	38.9	36.4	38.2	38.7	42.3	45.5	47.0	46.3	43.4
26	49.3	47.2	44.5	38.6	38.0	37.7	36.3	37.0	40.8	44.1	48.2	49.2	42.7
27	45.3	42.8	40.5	42.2	38.0	35.8	35.9	37.7	41.5	43.2	46.4	47.9	42.5
28	50.4	48.4	45.4	42.2	37.1	35.5	36.5	38.7	41.2	45.7	47.5	49.4	43.2
29	49.9	48.0	45.2	40.5	39.2	35.5	36.5	37.1	41.2	45.2	47.2	51.4	43.2
30	50.6	49.2	47.1	42.2	38.5	36.7	35.8	37.0	43.0	45.3	44.9	48.4	43.3
31	48.0	46.5	43.5	40.1	38.5	35.4	36.9	37.9	39.7	44.8	47.9	49.9	42.7
32	47.4	50.1	41.9	37.7	35.2	36.5	34.2	37.2	43.5	42.2	44.1	49.1	41.6
水 銀 氣 壓 1909	61.6	60.6	58.6	48.9	46.7	41.0	42.1	43.0	50.1	53.0	52.7	55.6	62.6
10	57.8	54.8	51.4	50.1	46.1	40.7	40.5	42.9	49.6	52.0	55.9	55.7	57.8
11	58.6	61.1	57.9	54.3	47.2	42.5	44.1	43.9	49.5	52.8	52.8	55.5	61.1
12	60.6	58.1	57.0	50.2	47.0	40.1	43.9	43.4	51.4	52.1	54.1	62.2	62.8
13	60.9	55.0	53.5	49.2	44.0	41.3	43.9	42.8	45.3	52.0	52.3	52.2	60.9
14	53.5	57.1	53.2	53.9	45.1	42.3	38.8	42.0	48.0	50.8	52.2	52.1	58.2
15	58.4	55.7	54.1	53.7	48.1	43.2	41.1	42.3	46.2	50.2	52.1	52.5	58.4
16	62.5	58.4	56.5	48.2	47.2	41.3	41.5	42.7	46.8	48.2	48.2	52.7	62.5
17	60.1	58.5	55.0	49.6	45.2	41.4	42.5	44.5	49.4	51.9	52.7	52.2	60.1
18	59.1	56.1	53.2	49.1	44.4	41.3	39.5	40.2	45.9	48.9	52.0	52.4	59.1
19	57.0	58.2	52.5	51.4	46.4	42.2	42.2	42.2	48.2	49.1	52.6	52.3	57.0
20	56.7	59.7	52.2	52.2	46.2	41.5	42.2	42.2	48.2	49.1	52.6	52.3	56.7
21	58.2	58.2	52.2	52.2	46.2	41.5	42.2	42.2	48.2	49.1	52.6	52.3	58.2
22	58.2	58.2	52.2	52.2	46.2	41.5	42.2	42.2	48.2	49.1	52.6	52.3	58.2
23	58.0	58.7	52.2	52.2	46.2	41.5	42.2	42.2	48.2	49.1	52.6	52.3	58.0

Highest barometric pressure
of freezing point

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

RESTRICTED

886

RESTRICTED

I-mien-p'lo

一月 二月 三月 四月 五月 六月 七月 八月 九月 十月 十一月 十二月 全年

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1944	59.9	55.6	58.2	47.5	45.3	44.5	45.0	42.8	40.4	38.2	37.7	36.5	39.9
45	51.7	57.5	52.3	49.5	45.7	48.7	45.5	46.3	47.7	51.8	57.1	52.3	51.5
46	58.3	54.0	53.4	47.5	45.5	44.4	41.9	44.0	51.9	52.8	55.5	58.7	52.3
47	56.3	57.1	55.4	52.1	47.3	43.0	40.3	45.5	49.1	50.9	43.0	58.0	43.0
48	59.8	57.8	54.9	50.8	45.4	44.4	41.5	45.7	48.8	52.0	58.7	58.6	52.8
49	59.9	58.6	56.3	57.8	48.2	41.5	43.6	43.0	50.9	51.5	55.8	62.0	62.0
50	57.1	57.4	60.5	51.5	48.1	44.8	40.4	43.8	49.3	51.7	53.4	57.4	56.5
51	59.5	58.0	54.7	47.3	45.8	40.5	41.0	44.4	47.4	54.3	55.8	58.9	59.5
52	57.1	56.8	50.0	45.3	42.2	40.6	39.5	47.1	49.1	49.6	50.8	57.2	57.2
1909	38.5	36.4	32.1	27.6	26.5	28.7	28.1	30.7	31.8	37.7	41.8	38.7	35.8
10	31.6	37.8	32.3	30.4	32.4	34.1	34.5	35.5	34.6	36.3	35.9	38.7	34.1
11	29.9	32.7	33.0	32.7	31.7	31.1	32.7	31.2	36.4	35.6	33.6	36.2	32.7
12	40.1	34.1	39.2	39.6	36.0	28.5	30.2	32.7	33.3	33.4	35.7	42.9	36.0
13	38.9	33.8	33.8	30.0	26.9	25.9	26.5	30.5	27.7	38.8	31.2	39.2	28.2
14	34.7	40.3	27.7	24.2	27.9	25.0	22.5	21.9	23.0	31.8	28.0	32.1	22.5
15	39.7	30.1	27.2	29.5	29.3	29.3	26.1	22.7	16.3	24.8	37.1	34.4	18.5
16	37.9	38.2	32.8	31.2	27.2	28.2	30.8	30.5	32.1	24.9	37.2	38.1	23.2
17	38.9	31.5	27.5	31.8	30.9	25.3	28.4	26.9	29.5	35.3	40.8	33.2	25.3
18	39.2	31.9	33.9	27.6	27.7	29.7	30.3	35.7	27.7	33.3	38.6	34.8	25.7
19	43.1	34.3	27.5	28.3	27.1	29.6	33.0	32.4	31.7	24.3	35.5	28.8	27.1
20	38.7	41.9	39.9	30.3	32.3	22.4	32.0	26.5	36.8	33.9	35.2	37.5	22.4
21	34.9	28.9	32.9	29.2	29.4	33.0	31.6	34.7	32.8	25.8	34.8	35.1	29.9
22	42.2	30.9	22.9	25.0	22.9	28.1	27.7	31.7	34.3	34.4	34.8	35.7	22.9
23	35.4	35.9	35.1	30.7	28.3	28.5	29.4	23.9	34.0	30.3	34.5	28.7	23.9
24	38.7	34.9	37.0	32.7	31.1	32.4	31.4	33.5	22.7	37.4	32.2	33.5	31.1
25	42.4	36.5	36.2	34.3	30.4	27.9	22.7	32.3	34.5	35.2	34.2	28.4	27.9
26	40.1	35.0	32.1	21.8	27.7	26.1	22.2	28.2	33.6	30.4	35.7	39.9	21.8
27	38.4	29.6	26.8	27.6	30.0	28.6	27.1	21.8	33.0	29.2	24.7	29.1	21.8
28	39.5	33.1	31.8	33.6	27.9	29.6	28.9	33.5	28.0	24.7	38.6	35.9	24.7
29	33.2	27.2	28.9	26.0	22.0	26.9	31.5	30.3	31.9	28.9	35.7	40.1	26.0
30	41.4	35.7	34.4	29.2	30.4	26.1	29.1	28.7	30.5	30.4	34.0	37.8	26.1
31	35.6	41.4	27.2	33.3	31.6	29.2	30.5	31.7	29.4	35.4	38.4	42.8	37.3
32	28.9	27.6	22.0	28.9	20.2	20.8	29.1	29.8	28.8	33.6	32.2	41.3	20.2
1909	-17.9	-13.8	-8.3	3.6	13.0	16.6	22.1	21.3	22.7	4.2	-4.9	-17.4	2.6
10	-21.5	-16.2	-8.2	6.2	13.4	17.1	21.9	20.2	11.9	6.5	-5.6	-18.1	2.3
11	-19.2	-13.8	-7.7	4.9	13.0	17.4	21.1	19.9	14.3	4.7	-3.7	-17.4	2.8
12	-16.4	-11.0	-5.9	5.8	11.5	17.9	20.8	20.2	11.0	2.2	-9.5	-18.0	2.4
13	-19.1	-14.8	-6.5	6.9	12.7	17.1	19.5	19.8	12.7	4.0	-3.2	-15.4	2.8
14	-13.1	-13.0	-1.8	7.5	15.5	18.8	21.2	21.3	14.0	7.3	-8.8	-16.7	4.2
15	-24.1	-18.0	-10.2	1.8	11.1	17.5	22.1	20.3	13.9	1.4	-6.3	-12.8	1.8
16	-18.1	-14.1	-9.1	3.6	12.5	18.0	21.8	22.3	12.4	6.5	-3.3	-17.8	3.1
17	-20.3	-15.3	-5.1	5.1	10.7	20.4	22.7	20.9	12.2	5.8	-10.7	-17.6	2.5
18	-19.2	-13.7	-5.1	6.6	13.2	18.1	21.3	20.4	14.4	5.7	-6.8	-16.5	3.4
19	-21.9	-11.3	-4.4	3.7	11.3	17.6	22.1	22.0	14.2	6.3	-5.7	-16.8	3.4
20	-17.2	-12.0	-1.4	7.9	15.5	18.8	22.7	21.4	12.0	5.8	-6.5	-18.1	4.0
21	-15.9	-13.7	-1.7	6.4	14.7	20.7	22.0	21.6	13.9	5.6	-2.4	-16.8	3.8
22	-25.6	-18.0	-6.9	7.4	12.8	19.6	21.8	20.0	13.7	7.7	-9.9	-14.3	2.9
23	-18.9	-14.3	-2.8	4.7	14.1	18.4	22.6	21.1	12.8	5.0	-7.4	-12.7	3.4
24	-19.4	-17.2	-6.2	4.9	12.5	18.2	22.2	21.5	14.1	4.8	-3.4	-14.7	3.2
25	-19.2	-15.8	-5.7	7.9	14.0	21.1	22.6	20.5	14.2	4.8	-3.4	-15.0	4.0
26	-18.3	-14.5	-5.1	4.2	16.4	19.9	22.1	21.4	15.8	3.4	-3.2	-17.2	2.8
27	-17.2	-14.9	-3.0	7.9	11.4	19.3	22.7	22.9	14.9	4.0	-2.8	-16.2	2.4
28	-19.0	-14.6	-4.5	6.5	12.3	17.9	22.1	21.4	12.8	5.4	-3.4	-16.0	3.1
29	-18.2	-16.2	-4.4	5.0	12.1	18.9	22.5	22.1	12.1	6.1	-4.2	-14.2	3.1
30	-17.2	-13.3	-2.0	8.9	14.0	18.2	22.5	21.2	14.2	7.2	-2.0	-12.3	4.2
31	-21.2	-20.2	-6.4	4.9	11.9	17.7	21.0	21.6	11.1	2.1	-3.4	-16.2	2.8
32	-11.6	-14.7	-3.8	3.9	13.1	19.2	22.7	22.7	15.2	5.7	-2.7	-12.2	4.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

217 RESTRICTED

RESTRICTED

I-mien-p'o

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	
最高氣溫 1910	—	—	—	—	—	—	27.6	25.5	18.9	14.4	-0.9	-12.9
平均	-12.8	-7.3	-1.1	11.0	19.1	23.9	26.8	26.1	20.5	12.9	1.2	-11.1
11	-10.0	-1.9	0.4	11.6	17.8	24.1	27.2	26.5	18.4	8.2	-4.4	-11.7
12	-12.5	-3.6	-0.5	13.6	19.8	23.3	24.9	26.5	19.3	11.3	1.3	-10.1
13	-7.3	-5.0	1.3	14.2	22.4	24.8	26.1	27.1	20.3	14.1	-4.0	-11.3
14	-12.8	-10.4	-4.7	6.5	17.4	23.2	26.9	25.3	19.7	12.1	0.6	-6.5
15	-10.3	-7.2	-3.8	9.3	18.9	23.6	26.1	26.9	19.6	12.9	2.8	-10.5
16	-15.3	-8.1	0.0	11.2	16.9	20.6	27.0	25.1	19.8	11.3	-4.0	-12.9
17	-13.8	-6.7	3.3	13.1	18.9	23.5	26.4	26.6	19.5	12.9	-1.7	-11.3
18	-16.6	-4.1	1.1	9.3	17.8	23.6	26.1	21.8	—	—	—	—
19	-7.7	3.0	10.2	20.8	24.3	28.6	27.1	19.2	10.6	-2.8	-2.4	—
24	-13.4	-11.3	-7.5	10.2	18.8	28.5	29.1	27.2	21.7	11.6	-1.0	-8.9
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	-9.3	0.3	14.7	17.1	25.4	27.4	26.6	22.3	12.0	-0.4	-11.6
27	—	-13.9	-9.3	0.5	12.5	17.0	23.1	26.4	20.0	11.5	-1.0	-11.7
28	—	—	—	—	—	—	—	—	—	—	—	—
29	-13.5	-10.9	0.8	10.8	19.1	24.6	28.1	24.8	19.5	12.8	2.7	-9.1
30	-11.8	-6.4	3.6	13.1	19.4	23.9	28.2	26.5	20.9	14.6	-3.8	-10.8
31	-15.3	-12.0	1.1	8.8	17.7	22.4	26.2	26.7	21.5	12.8	2.8	-9.5
32	-1.9	-8.8	-0.3	11.9	18.5	25.1	26.9	24.7	22.0	12.0	2.5	-5.8
33	-10.3	-7.3	2.7	11.2	—	24.1	28.5	26.5	21.8	13.6	-0.1	-9.1
34	—	—	—	—	—	—	—	—	—	—	—	—
最低氣溫 1009	-25.2	-20.5	-15.1	-2.3	6.0	10.4	16.4	15.6	6.1	-0.8	-10.5	-24.1
平均	-28.1	-23.6	-14.7	-0.3	6.2	11.6	16.7	15.6	6.4	-0.1	-10.7	-23.7
11	-26.3	-20.7	-15.0	-1.5	5.3	11.7	16.0	14.7	9.0	-0.6	-8.6	-20.7
12	-23.4	-18.0	-12.1	-0.4	4.0	11.7	15.1	14.9	5.0	-3.7	-15.3	-24.2
13	-25.8	-21.3	-13.6	0.3	3.6	11.2	14.2	14.0	7.4	-2.6	-11.4	-21.2
14	-30.0	-26.6	-8.8	-0.3	6.5	13.3	16.3	15.9	9.0	1.1	-14.0	-22.9
15	-29.9	-25.9	-15.8	-2.5	5.6	12.3	17.1	16.0	7.0	-1.4	-9.1	-19.8
16	-22.8	-20.8	-15.0	-2.8	5.4	11.6	15.2	16.7	6.4	0.5	-9.2	-23.2
17	-26.0	-22.6	-11.3	-1.6	2.9	12.8	17.9	16.3	7.0	0.9	-16.9	-21.3
18	-25.1	-21.5	-9.7	-0.2	6.7	12.6	16.5	15.5	10.0	-0.7	-12.3	-22.5
19	-28.2	-19.2	-10.5	-1.5	4.1	11.2	17.9	15.7	7.1	1.2	-11.2	-23.1
20	-22.1	-22.2	-8.8	0.7	7.3	12.4	18.7	15.1	5.7	-1.8	-9.7	-22.7
21	-22.8	-20.7	-11.3	1.2	7.2	12.0	16.6	16.8	7.9	-0.3	-13.0	-20.4
22	-31.9	-18.3	-12.9	0.6	6.2	13.0	17.2	16.0	8.0	0.6	-15.7	-19.9
23	-25.9	-21.0	-9.1	-0.6	7.6	12.8	17.2	16.0	6.3	-0.5	-11.8	-19.7
24	-25.4	-23.1	-12.2	0.0	2.9	13.2	19.4	16.8	7.8	-1.2	-8.8	-20.7
25	-25.5	-22.2	-10.4	1.2	8.0	12.1	17.2	15.9	9.5	0.7	-12.7	-19.5
26	-23.7	-18.8	-10.7	-1.2	8.8	12.7	17.4	16.5	10.9	-1.7	-9.9	-22.4
27	-23.3	-20.8	-10.7	1.1	4.2	12.2	18.2	15.3	7.2	1.5	-16.1	-21.9
28	-24.1	-19.8	-9.2	-0.6	6.9	12.5	17.7	17.4	9.4	0.1	-9.6	-20.8
29	-22.6	-22.2	-9.7	-0.9	7.5	12.2	18.2	16.5	6.2	0.2	-7.2	-22.2
30	-23.1	-19.7	-7.5	0.1	8.0	12.4	18.5	17.1	9.7	1.2	-11.9	-22.2
31	-27.9	-27.4	-10.7	-1.0	6.0	12.8	14.0	16.7	10.2	1.0	-2.2	-18.2
32	-17.9	-20.4	-11.2	-0.2	6.9	12.5	18.6	15.2	9.4	2.2	-4.0	-12.2
33	-24.7	-21.4	-2.8	-1.2	—	12.0	18.4	15.1	—	—	-0.7	-10.2
34	—	—	—	—	—	—	—	—	—	—	—	—
最高氣溫 1910	—	—	—	—	—	—	31.8	30.6	24.4	22.7	11.7	-1.1
平均	-3.4	3.7	7.5	21.0	29.1	30.1	30.5	30.5	29.9	18.0	12.4	1.6
11	-2.3	10.9	6.0	22.3	28.8	29.2	32.2	32.2	27.7	22.9	11.1	-2.9
12	-2.4	2.1	17.0	22.4	31.3	28.3	30.2	34.4	27.7	22.2	10.3	0.1
13	2.4	2.1	11.2	24.4	29.2	32.0	29.4	31.2	22.3	22.5	12.3	-4.5
14	-2.7	-1.3	2.0	15.5	21.1	28.5	32.5	34.0	22.6	14.7	7.3	2.0
15	-1.1	1.4	3.5	22.2	26.9	31.2	32.2	34.3	22.2	12.3	12.3	2.1
16	-1.4	1.8	12.5	22.0	27.6	32.1	32.6	32.5	22.5	20.0	1.0	-1.0
17	-1.5	3.0	12.5	21.5	28.4	28.5	32.6	32.5	22.6	22.4	7.0	-1.0
18	-2.0	7.7	11.5	17.5	22.5	29.6	37.0	34.2	22.4	22.0	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
23	—	1.1	12.9	21.2	22.0	30.3	31.0	32.6	22.2	22.2	7.7	4.2
24	7.2	-2.4	7.2	16.2	22.7	31.1	34.5	34.1	22.5	-2.0	2.2	22.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

218 RESTRICTED

888

I-mien-p'lo **RESTRICTED**
 一 面 表

STAT

High limit of atmospheric temperature

Low limit of atmospheric temperature

Mean cloud density

Mean wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1926	—	—	—	—	30.4	35.7	33.9	31.7	27.7	21.5	—	—	35.7
27	—	1.7	16.3	24.0	25.3	33.0	35.0	33.4	28.5	22.0	7.0	-0.6	33.4
28	0.3	2.6	12.3	22.1	28.6	31.7	31.2	27.8	21.8	10.4	-4.4	31.7	31.7
29	4.1	1.0	14.9	18.6	29.1	30.9	31.1	31.7	25.7	17.0	2.6	31.1	34.3
30	-4.4	1.4	12.6	22.3	27.8	32.0	34.3	32.5	30.0	24.6	10.9	2.1	34.3
31	-3.0	-7.8	12.4	20.5	24.9	30.6	32.5	32.2	27.8	21.2	15.7	4.0	32.5
32	1.7	-1.0	8.4	23.2	26.6	31.7	30.8	28.0	25.5	20.5	17.7	2.5	31.7
1900	-34.2	-31.0	-24.4	-15.6	-2.2	0.7	7.0	10.4	-1.4	-10.6	-23.1	-31.1	-31.1
10	-40.9	-32.5	-26.6	-16.9	-6.3	5.4	7.9	8.8	0.4	-7.1	-24.8	-32.4	-40.9
11	-37.7	-21.8	-24.8	-12.4	-3.4	6.6	8.8	8.8	-1.4	-7.4	-22.0	-34.3	-37.7
12	-31.4	-28.3	-22.6	-11.4	-3.9	5.6	8.3	6.7	3.2	-14.1	-29.0	-31.5	-31.5
13	-33.7	-35.1	-27.2	-8.3	-4.9	0.3	5.4	5.7	0.2	-10.8	-23.6	-32.3	-33.3
14	-37.5	-29.6	-24.0	-13.4	-2.4	5.5	10.4	7.0	-1.2	-7.0	-27.8	-33.3	-37.8
15	-43.4	-41.2	-29.9	-15.0	0.6	3.0	11.0	9.6	-1.8	-11.5	-31.8	-32.6	-43.4
16	-30.2	-30.4	-26.5	-12.2	-1.8	6.2	11.7	10.1	-5.1	-6.8	-27.1	-37.9	-37.9
17	-33.9	-32.2	-28.0	-10.9	-2.1	4.0	11.9	12.9	0.6	-8.9	-24.7	-31.2	-33.9
18	-37.6	-29.6	-28.0	-9.0	-3.5	5.0	13.3	8.7	4.3	-12.2	-21.4	-29.6	-37.6
19	-28.2	-32.1	-20.7	-12.0	-3.2	2.7	11.8	10.3	0.5	-8.0	-29.0	-34.1	-28.2
20	-37.9	-41.3	-25.7	-4.6	1.8	5.4	12.0	10.4	-1.7	-8.1	-28.3	-32.4	-41.3
21	-31.2	-27.7	-21.9	-6.8	-0.3	3.6	11.5	5.7	-0.3	-2.2	-23.1	-30.7	-31.2
22	-39.9	-28.6	-31.8	-5.3	-2.2	5.2	10.2	8.6	-0.7	-6.6	-29.7	-25.9	-39.9
23	-34.7	-30.6	-23.9	-11.8	-0.6	4.4	12.0	9.7	-1.4	-17.5	-23.7	-28.7	-34.6
24	-34.8	-32.2	-22.9	-8.8	-1.4	6.8	14.3	9.6	2.9	-12.3	-18.5	-22.1	-34.8
25	-31.0	-28.2	-22.3	-9.2	1.1	5.9	10.9	10.6	3.7	-5.8	-22.8	-22.4	-31.0
26	-29.2	-26.6	-20.1	-8.9	2.9	2.6	10.1	12.6	-1.9	-2.4	-22.3	-31.2	-29.2
27	-33.8	-27.3	-23.4	-8.5	-0.6	4.9	14.6	9.1	0.2	-7.1	-24.0	-31.1	-33.8
28	-31.6	-27.9	-19.2	-5.3	0.0	5.9	12.5	10.6	-1.4	-12.7	-21.7	-27.7	-31.6
29	-24.5	-20.0	-22.2	-2.1	1.2	2.1	12.1	9.2	0.1	-2.7	-12.7	-22.1	-24.5
30	-30.4	-30.3	-22.8	-5.3	3.1	7.2	15.5	11.8	1.0	-2.8	-21.5	-24.7	-30.4
31	-29.3	-24.8	-22.6	-7.1	0.0	7.2	11.0	6.4	2.1	-2.3	-22.4	-27.6	-29.3
32	-27.7	-29.5	-18.3	-6.5	-0.1	8.9	13.6	9.5	3.8	-2.5	-18.6	-26.7	-27.7
1900	3.3	4.4	5.2	6.8	7.1	6.5	6.6	5.9	5.1	6.1	5.7	4.9	5.6
10	3.8	2.5	5.3	6.0	6.5	7.0	8.0	7.4	5.0	5.3	5.0	3.0	5.6
11	5.5	4.6	5.9	7.3	7.6	7.3	7.8	5.9	6.9	5.6	4.1	5.3	5.3
12	3.8	5.2	5.4	6.8	7.9	8.0	8.1	8.0	6.3	2.4	6.4	6.3	6.4
13	4.5	5.4	4.5	7.0	6.3	9.1	8.9	7.5	7.9	5.6	6.6	6.5	6.6
14	2.8	4.6	6.7	6.4	8.3	9.7	9.5	8.5	7.5	6.0	9.2	2.4	7.6
15	8.7	7.3	8.4	8.9	9.0	2.1	8.7	8.3	6.8	6.9	7.6	6.1	7.9
16	4.8	6.1	6.7	7.1	8.8	8.0	7.8	6.9	5.5	5.5	4.7	6.1	6.1
17	6.7	4.3	6.2	8.0	8.2	7.6	8.2	7.5	5.9	6.0	3.7	7.2	6.8
18	3.4	5.5	5.0	7.1	7.9	8.1	8.4	7.0	7.2	4.8	5.0	5.3	6.0
19	3.9	4.6	5.2	7.7	6.6	6.8	4.5	5.1	5.9	6.5	3.8	4.0	5.4
20	5.5	4.4	4.6	5.5	4.7	6.8	5.9	5.8	3.2	3.2	2.8	4.0	5.1
21	3.1	3.0	4.2	5.6	3.6	3.8	6.7	6.5	3.8	4.6	4.9	4.7	5.0
22	2.0	4.3	5.5	4.4	6.9	4.5	7.2	5.3	6.1	3.4	2.8	2.8	5.1
23	2.9	4.6	4.9	6.0	7.0	6.9	7.1	6.8	3.9	3.4	3.2	3.9	3.2
24	4.5	4.7	4.4	6.9	6.4	5.9	8.2	6.6	4.4	4.2	6.3	3.0	5.1
25	3.2	2.9	6.1	5.1	6.1	5.4	6.3	5.3	3.2	2.6	3.2	3.2	4.2
26	2.0	2.0	2.1	2.0	2.8	4.2	4.5	5.9	3.2	2.8	3.7	4.1	4.5
27	2.5	2.9	4.5	4.3	6.1	5.0	6.2	4.5	4.1	3.3	4.4	2.7	4.5
28	4.7	3.2	3.6	3.7	6.8	5.9	6.2	6.1	3.2	4.4	3.3	3.3	4.4
29	2.4	4.4	3.8	4.1	5.6	5.3	6.0	6.1	4.1	3.2	3.2	3.7	4.2
30	1.2	4.7	3.9	4.1	5.3	5.2	5.3	6.6	3.7	3.1	2.8	4.2	4.1
31	4.5	4.0	3.8	7.1	8.7	7.1	8.0	6.1	2.4	2.9	2.8	4.2	4.1
32	3.5	3.6	5.4	6.5	7.0	7.1	8.5	6.2	6.1	6.2	5.0	5.3	5.9
1900	1.9	2.6	3.0	2.8	2.3	2.0	1.9	1.5	2.2	2.2	2.1	2.3	2.3
10	2.3	2.2	2.9	3.1	2.5	2.2	2.2	2.2	2.2	2.2	2.1	2.3	2.3
11	2.1	2.4	2.2	2.4	2.3	1.8	2.3	1.6	2.2	2.3	2.3	2.3	2.3

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

219

RESTRICTED

STAT

STAT

I-mien-p'lo **RESTRICTED**

一月 二月 三月 四月 五月 六月 七月 八月 九月 十月 十一月 十二月 全年

Mean wind velocity

Rainfall

Maximum rainfall per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1918	2.3	2.3	2.6	3.4	2.9	2.2	1.5	2.2	2.8	3.4	3.4	2.8	2.7
19	2.8	3.8	3.6	4.3	3.4	2.7	2.9	2.9	3.4	3.0	4.2	3.8	3.4
20	3.5	2.6	4.9	4.3	4.5	2.1	3.1	3.0	3.7	3.4	2.8	2.8	3.5
21	2.4	3.0	2.6	3.1	2.9	2.1	2.3	1.8	2.0	2.0	3.0	2.5	2.5
22	2.1	1.7	2.4	3.0	2.4	2.1	1.1	1.3	2.2	2.2	2.5	2.2	2.1
23	2.4	1.8	2.8	2.9	2.5	2.0	2.0	1.7	2.0	2.8	2.0	3.0	2.3
24	2.6	2.3	2.2	3.0	2.3	2.4	1.6	1.6	2.3	2.6	2.6	2.5	2.3
25	2.3	2.1	2.9	2.8	2.9	2.3	1.7	1.4	1.7	4.4	3.6	2.4	2.5
26	2.1	2.6	3.1	2.8	2.3	2.2	2.1	1.9	1.1	3.0	3.6	3.6	2.6
27	4.1	3.2	3.9	6.4	4.4	2.8	3.4	3.1	2.6	3.6	4.6	3.9	3.8
28	3.5	3.8	3.9	4.1	4.8	3.7	3.0	2.4	4.2	4.2	4.2	4.0	3.8
29	3.9	3.3	4.8	5.1	4.1	3.8	2.7	2.3	2.8	4.7	4.9	5.0	3.8
30	3.7	4.9	3.7	5.7	3.1	3.4	4.1	2.3	3.1	4.4	4.3	3.5	3.8
31	2.5	2.1	3.1	2.8	2.9	3.7	2.7	2.1	2.5	2.6	2.9	3.0	2.8
32	2.3	1.5	2.6	2.3	3.7	2.2	1.9	1.4	1.7	2.5	3.2	2.2	2.3
33	1.8	1.7	3.1	4.5	3.6	2.8	2.3	1.7	1.9	3.7	2.2	2.5	2.8
34	3.4	1.8	4.0	3.9	3.6	2.6	2.6	1.8	1.4	3.4	4.6	2.9	3.0
降水量 1909	3.1	6.4	17.8	25.8	42.0	129.3	120.8	47.9	116.2	37.9	51.4	15.2	622.7
10	9.1	0.9	33.4	18.7	71.7	132.1	141.0	76.5	28.5	21.2	5.3	5.0	760.0
11	16.7	14.4	21.8	35.3	69.2	174.7	208.5	228.7	74.9	44.7	43.9	9.2	941.1
12	14.2	10.3	18.9	15.5	102.2	237.1	205.1	172.8	22.1	45.1	18.7	2.2	816.0
13	6.4	13.0	20.7	16.2	14.8	162.1	183.0	62.0	24.5	20.1	18.1	18.8	620.6
14	4.4	6.6	28.5	1.7	2.6	216.1	232.4	102.2	72.2	23.0	61.3	6.7	771.8
15	18.0	14.5	20.2	64.1	85.9	159.6	209.1	178.5	76.6	20.0	27.2	17.0	961.7
16	11.0	4.2	8.1	30.0	70.5	145.4	109.6	88.2	63.9	49.0	8.5	9.3	598.2
17	7.7	6.6	1.7	20.9	37.1	142.8	212.7	122.7	22.2	51.2	8.9	20.9	739.3
18	2.3	7.1	7.0	38.2	47.7	159.0	170.3	104.3	18.2	38.5	10.2	1.5	748.2
19	6.2	2.1	11.0	45.7	78.6	92.3	80.3	44.6	21.7	24.6	17.1	2.2	432.4
20	9.2	2.6	10.9	...	45.1	92.2	137.7	80.8	51.2	22.2	24.4	5.8	...
21	7.7	4.6	12.2	28.9	55.1	22.8	202.0	217.5	72.2	20.2	23.1	15.2	719.2
22	3.5	12.8	16.4	8.7	72.7	65.8	212.2	104.1	24.2	7.9	14.8	9.1	651.1
23	7.0	8.7	35.9	26.3	21.7	136.2	101.2	144.4	49.4	73.2	44.9	12.6	742.5
24	12.4	4.5	14.0	52.8	55.7	31.4	277.5	202.4	22.8	29.1	20.3	14.8	813.7
25	1.9	2.9	11.0	27.2	57.5	29.5	157.6	135.5	67.2	61.2	12.1	11.2	577.0
26	9.2	22.0	20.1	10.2	38.9	111.5	154.6	220.4	45.6	23.2	22.2	12.6	746.9
27	8.0	2.9	7.5	12.1	20.1	26.6	37.1	53.0	27.2	22.2	22.2	14.0	646.9
28	20.2	10.7	12.7	34.4	24.2	154.9	207.7	140.1	62.2	27.1	40.1	11.5	924.4
29	12.2	11.8	2.2	2.2	2.2	112.6	128.6	216.0	62.7	17.3	10.2	12.2	604.7
30	5.9	17.6	22.2	27.6	22.2	125.6	124.2	222.2	72.2	23.2	22.2	22.2	724.2
31	22.2	5.7	12.7	27.6	102.2	112.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
32	7.4	6.3	22.2	12.1	102.1	122.2	32.2	122.2	12.2	22.2	12.2	22.2	22.2
40	6.7	2.1	21.1	22.7	...	117.0	22.2	115.6	22.2	22.2	22.2	22.2	22.2
最大雨量 1909	1.2	2.4	8.3	7.7	16.3	29.2	37.2	11.2	22.2	10.7	21.2	7.2	26.2
10	4.9	2.7	10.2	3.7	22.2	22.2	42.1	22.2	12.7	2.2	7.2	2.1	120.2
11	4.2	4.5	4.9	11.9	11.2	21.1	21.2	21.2	21.2	12.2	12.2	2.2	22.2
12	0.2	4.9	7.1	7.2	22.2	19.7	41.2	22.2	2.2	12.2	4.7	1.3	22.2
13	1.6	4.6	14.5	6.2	12.0	19.4	22.2	21.2	14.6	22.1	12.7	2.1	22.2
14	1.2	2.3	2.0	2.2	4.0	22.2	22.2	22.2	2.2	7.2	1.2	12.2	22.2
15	2.2	2.2	4.5	12.1	11.2	22.2	12.2	22.2	22.2	22.2	22.2	22.2	22.2
16	2.2	1.9	2.3	2.2	12.2	21.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
17	2.0	2.2	2.2	2.2	12.2	17.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
18	1.7	2.2	2.2	11.7	12.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

220

RESTRICTED

STAT

340

RESTRICTED

I-mien-p'io
一 面 坡

Maximum rainfall
per day

Number of rainy
days

Number of clear
days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	2.2	0.7	5.6	9.6	16.7	22.5	33.1	18.0	14.4	8.4	8.7	4.4	65
20	2.8	6.7	6.4	7.3	19.3	15.0	51.6	31.6	15.3	10.4	9.8	4.5	51
21	1.1	2.7	6.5	8.1	15.9	6.1	59.9	50.9	25.5	7.1	14.3	3.8	59.9
22	1.3	5.0	6.5	7.9	11.8	17.0	41.9	26.5	24.1	3.8	7.9	3.6	49.9
23	2.1	1.7	13.3	8.3	18.3	29.5	18.9	21.5	10.6	14.1	17.8	3.1	39.5
24	3.5	2.7	4.7	15.1	12.6	15.9	20.9	61.1	14.1	35.4	11.5	7.2	20.9
25	1.3	1.6	2.7	8.1	14.3	9.8	18.0	33.7	12.8	37.9	6.1	8.3	18.0
26	4.0	5.5	8.3	5.8	14.3	35.7	41.0	73.5	11.8	19.6	9.1	3.5	73.5
27	2.1	1.3	3.0	5.8	13.4	29.0	49.9	20.8	8.0	16.9	9.0	4.3	49.9
28	4.0	2.1	5.0	15.6	20.7	44.0	22.0	12.4	27.1	15.8	5.1	15.8	92.0
29	4.1	4.7	1.1	1.7	21.5	30.8	26.7	75.1	21.7	8.0	4.9	4.5	75.1
30	1.4	5.5	8.3	18.8	32.1	18.8	57.6	40.0	21.3	12.9	9.3	5.8	57.6
31	6.8	3.1	5.0	16.5	21.6	26.7	16.9	35.0	24.3	12.8	8.4	4.6	35.0
32	2.0	2.8	8.1	5.9	21.1	50.6	71.8	10.1	3.5	12.8	7.6	6.0	71.8
40	4.8	0.6	9.2	12.0	—	18.8	86.3	30.8	19.5	18.5	5.6	5.7	—
降水日数 1909	6	7	8	13	13	20	16	12	11	11	10	10	137
10	10	8	12	10	13	21	21	19	17	17	8	11	166
11	12	11	12	11	10	18	11	19	15	15	18	11	172
12	5	9	10	7	18	19	14	22	15	13	10	7	149
13	9	11	3	8	6	19	19	13	22	8	4	11	133
14	8	5	11	3	6	20	20	15	14	12	23	12	149
15	16	11	12	12	23	22	19	10	13	8	11	10	185
16	8	7	12	14	17	18	17	16	12	7	4	15	147
17	11	5	4	6	10	17	18	22	16	11	8	15	164
18	4	5	4	12	9	12	9	12	15	23	9	5	122
19	7	6	6	11	15	13	6	11	8	10	9	10	111
20	6	6	6	8	8	10	12	8	12	11	8	10	118
21	6	10	6	8	9	10	13	12	13	7	10	9	109
22	10	9	3	19	14	22	16	22	4	19	9	10	121
23	8	11	9	14	18	20	19	11	14	13	11	13	137
24	15	11	8	15	11	9	20	17	11	11	11	9	128
25	5	6	12	7	13	10	16	18	15	8	10	14	136
26	11	15	13	5	11	14	14	16	15	11	9	12	169
27	6	5	10	7	17	13	21	11	11	17	11	14	143
28	15	11	8	9	20	20	18	21	13	13	10	12	170
29	12	13	6	4	15	14	20	20	12	10	10	8	144
30	9	11	9	6	10	21	12	19	13	4	16	11	147
31	12	5	7	15	18	16	11	14	22	10	12	12	137
32	8	3	11	7	13	12	24	21	11	12	8	8	133
40	10	7	7	15	—	16	20	12	11	14	14	—	—
快晴日数 1909	13	7	7	1	1	4	5	4	7	5	7	10	70
10	9	15	6	1	3	4	—	4	7	7	9	12	122
11	7	10	6	2	1	1	—	—	8	7	12	10	120
12	13	6	6	2	1	—	—	—	4	4	5	1	111
13	10	5	8	1	3	—	—	—	1	5	1	—	45
14	7	9	1	—	1	—	—	1	8	6	—	—	89
15	—	1	—	—	—	—	—	—	3	10	—	—	20
16	8	5	2	1	1	1	1	1	1	1	1	1	11
17	3	11	4	—	—	—	—	—	8	5	6	3	41
18	12	7	11	3	1	—	—	—	1	7	12	11	49
19	14	8	7	—	4	—	—	5	5	7	12	11	62
20	8	10	9	—	3	—	—	—	1	12	7	11	52
21	13	16	10	4	4	—	—	—	8	8	12	12	62
22	20	21	7	—	—	—	—	—	1	7	12	12	128
23	13	7	8	—	—	—	—	—	4	7	5	12	72
24	20	6	8	—	—	—	—	—	—	—	—	—	—
25	12	14	4	—	—	—	—	—	11	4	4	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

RESTRICTED

221

I-mien-p'ò

RESTRICTED

841

圖 表

Number of clear days

Number of cloudy days

Number of foggy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1926	17	18	11	10	5	8	11	6	3	4	8	11	107
27	18	10	10	8	5	5	6	7	9	7	13	13	109
28	9	18	11	13	...	3	4	8	10	11	7	13	98
29	19	7	9	11	6	4	4	4	8	10	14	14	108
30	20	9	12	11	4	4	4	5	5	15	8	9	104
31	8	10	13	2	2	1	2	4	6	13	13	19	83
32	12	14	8	1	2	2	2	3	9	5	8	7	71
40	11	13	13	5	...	2	...	3	10	7	7	13	...
1929	3	3	7	8	16	8	13	9	6	12	10	7	100
10	4	1	7	12	10	14	20	18	4	7	8	1	108
11	9	0	8	15	14	11	17	9	14	10	12	2	130
12	8	8	8	8	9	20	22	17	8	12	11	2	137
13	8	9	8	9	11	9	25	21	15	15	9	9	149
14	10	3	11	10	21	25	27	20	17	10	22	18	197
15	22	10	20	24	23	23	20	18	10	11	18	8	207
16	7	11	9	11	23	17	16	13	8	10	9	10	144
17	13	6	8	19	20	16	21	16	6	9	7	17	158
18	2	10	9	15	19	17	18	11	12	7	6	4	130
19	6	5	7	15	10	12	1	8	7	14	3	6	84
20	12	6	7	5	5	9	6	7	9	1	9	4	80
21	1	3	5	6	5	11	13	10	13	7	4	5	89
22	1	5	4	5	11	13	16	10	7	4	4	8	85
23	1	5	8	11	13	13	14	11	9	11	8	4	108
24	7	4	4	10	11	8	20	12	6	4	11	4	101
25	2	2	9	8	10	8	8	6	3	3	7	7	77
26	4	0	5	7	7	6	2	6	7	4	4	2	65
27	1	1	6	2	11	5	14	5	4	5	2	2	68
28	6	2	2	7	9	8	9	9	5	7	11	4	79
29	3	4	2	2	8	6	7	8	2	3	3	6	54
30	3	3	2	5	6	6	6	14	11	2	13	5	73
31	5	5	3	10	13	14	7	9	5	5	5	5	84
32	1	3	11	9	13	11	20	11	13	5	9	11	118
40	10	5	4	10	...	14	18	16	6	9	14	11	...
1929	...	...	...	2	1	4	6	7	3	1	...	...	24
10	...	...	1	...	1	1	8	4	1	...	...	...	30
11	...	...	1	...	1	6	10	5	...	...	...	...	43
12	...	...	...	...	...	2	7	2	1	...	...	...	15
13	...	...	1	1	1	5	4	...	...	...	...	...	1
14	...	...	1	1	1	...	...	...	...	...	...	...	4
15	20	11	15	11	8	1	6	14	5	2	13	4	32
16	9	5	10	7	6	5	5	12	9	6	4	9	118
17	5	5	5	2	2	2	4	10	7	6	6	2	87
18	5	5	3	1	1	4	4	13	10	5	6	2	80
19	3	4	1	3	...	2	1	5	4	7	3	...	35
20	2	1	2	2	3	3	2	2	2	16	16	3	54
21	2	2	6	3	11	10	14	15	17	17	15	...	97
22	3	2	...	11	11	7	6	9	8	...	...	...	77
23	...	...	...	2	3	3	3	3	...	...	...	...	18
24	...	...	...	1	1	1	1	1	...	...	...	...	9
25	...	1	...	...	...	3	6	4	1	...	...	...	18
26	...	1	...	...	...	1	1	1	...	...	...	...	9
27	...	...	...	...	...	...	...	...	...	...	...	...	7
28	1	...	1	...	...	...	...	...	...	...	...	...	7
29	...	...	...	2	1	...	...	...	...	...	...	...	14
30	...	...	...	...	...	...	...	...	...	...	...	...	11
31	...	...	...	...	...	...	...	...	...	...	...	...	14
40	...	...	...	...	...	...	...	...	...	...	...	...	19

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

342

I-mien-p'lo

RESTRICTED

STAT

Number of days with hail

Number of days with electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
雹日數 1909	1	..	..	1	..	..	..	2
10	1
11	3
12	3
13	3
14	3
15	4
16	4
17	5
18	5
19	2
20	3
21	3
22	3
23	3
24	2
25	1
26	1
27	3
28	3
29	7
30	3
31	3
32	1
33
40
雹日數 1909	1	3	2	3	..	..	..	9
10	17
11	11
12	11
13	18
14	18
15	22
16	22
17	18
18	11
19	9
20	20
21	9
22	12
23	14
24	13
25	9
26	16
27	14
28	15
29	14
30	13
31	13
32	15
40
暴風日數 1909	1	1	1	..	..	..	..	..	..	..	4
10	2
11	2
12	1
13	1
14	6
15	1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1941

223

RESTRICTED

STAT

RESTRICTED

348

I-mien-p'lo
圖 城

Number of stormy days

Maximum snow-fall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1917	---	---	---	---	1	---	---	---	1	---	---	---	3
18	---	---	---	---	1	---	---	---	---	---	---	---	2
19	---	---	---	---	1	---	---	---	---	---	---	---	3
20	---	---	---	---	---	---	---	---	1	---	---	---	1
21	1	1	---	6	2	---	---	---	---	3	1	---	14
22	---	1	---	2	2	1	---	---	6	3	---	---	15
23	1	1	3	2	4	3	---	---	---	---	---	---	15
24	1	1	1	7	---	---	---	---	---	---	---	---	10
25	---	1	---	1	---	---	---	---	---	---	---	---	3
26	---	---	---	---	---	---	---	---	---	---	---	---	5
27	---	---	1	---	1	1	5	---	---	---	---	---	9
28	---	1	4	3	---	1	---	---	4	---	---	---	14
29	---	---	---	3	3	---	---	---	---	---	1	---	7
30	---	---	---	---	---	---	---	---	---	---	---	---	1
31	---	---	2	5	5	1	---	1	4	1	---	---	20
32	1	2	4	4	5	2	1	---	---	3	1	---	24
40	1	2	3	2	5	1	---	---	2	1	5	---	---
1914	19	19	35	1	---	---	---	---	---	---	23	33	33
15	40	57	59	47	---	---	---	---	---	---	21	20	50
16	25	25	27	12	---	---	---	---	---	6	6	12	27
17	22	29	31	3	---	---	---	---	---	---	20	20	32
18	33	33	30	3	---	---	---	---	---	---	5	3	33
19	16	13	12	---	---	---	---	---	---	---	1	23	18
20	25	32	32	3	---	---	---	---	---	---	15	14	32
21	20	22	27	9	---	---	---	---	---	---	2	31	26
22	28	30	29	5	---	---	---	---	---	---	7	16	30
23	17	24	21	4	---	---	---	---	---	---	20	22	29
24	34	36	30	8	---	---	---	---	---	---	1	33	36
25	23	21	20	---	---	---	---	---	---	---	7	9	16
26	21	17	31	8	---	---	---	---	---	---	7	12	20
27	21	19	18	---	---	---	---	---	---	---	20	17	28
28	34	30	30	1	---	---	---	---	---	---	5	18	36
29	25	26	26	---	---	---	---	---	---	---	---	---	12
30	15	19	22	21	---	---	---	---	---	---	---	---	30
31	44	43	40	4	---	---	---	---	---	---	3	8	44
32	8	12	10	4	---	---	---	---	---	---	---	---	12

Barometric pressure of freezing point

Highest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	51.7	53.8	52.0	45.5	43.7	38.9	39.7	41.5	40.8	50.8	52.4	57.6	48.3
10	52.8	55.2	53.3	46.7	45.6	41.2	40.0	41.6	47.7	51.2	51.7	55.1	48.2
11	52.1	56.9	49.5	46.7	43.9	39.9	41.7	42.8	44.2	50.8	54.1	57.2	48.6
12	52.7	58.2	49.7	44.2	41.2	41.0	38.2	42.5	49.2	47.8	48.3	53.2	48.4
13	54.1	53.4	51.5	45.7	45.6	40.6	41.9	41.7	46.2	50.8	52.2	53.9	48.2
14	52.0	52.2	48.3	44.8	42.8	38.1	40.4	42.2	46.1	51.1	52.2	54.7	49.2
15	54.3	50.8	48.6	45.1	41.7	40.4	40.1	46.1	46.1	50.2	52.0	52.0	49.2
16	54.7	54.0	52.6	45.3	41.8	39.3	37.8	41.7	45.5	47.5	50.6	51.9	48.9
1908	64.5	64.7	64.3	61.7	51.0	47.2	47.2	46.4	54.9	57.6	61.4	57.9	57.9
09	62.8	61.9	62.0	56.1	52.1	48.2	48.7	48.7	52.2	56.9	62.2	62.2	52.2
10	62.8	62.8	62.8	55.5	48.1	44.4	47.7	50.7	53.1	57.2	62.2	62.2	52.2
11	62.9	62.2	62.2	55.5	48.1	44.4	47.7	50.7	53.1	57.2	62.2	62.2	52.2
12	62.9	62.2	62.2	55.5	48.1	44.4	47.7	50.7	53.1	57.2	62.2	62.2	52.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1944

RESTRICTED

STAT

STAT

344

RESTRICTED

滿洲里

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1933	64.4	59.7	59.8	53.9	57.5	65.4	58.1	68.4	59.8	60.9	63.3	62.0	64.4
34	65.6	60.8	61.1	55.0	47.9	48.3	58.8	51.7	58.8	60.8	62.0	62.6	61.6
35	65.3	65.2	57.9	56.8	52.3	65.5	66.6	47.7	53.7	58.3	62.8	61.0	62.8
36	64.0	62.1	62.0	58.4	48.5	45.9	44.0	48.1	51.8	55.6	59.7	64.9	64.9
1939	41.6	44.5	33.7	37.9	33.9	28.9	38.5	31.9	35.3	38.9	41.9	45.6	37.9
30	46.8	40.5	42.6	31.1	31.1	28.7	32.0	35.9	35.1	43.9	41.9	41.5	28.7
31	44.4	45.7	28.5	34.6	33.5	33.6	34.3	33.6	34.7	41.6	48.3	46.8	28.5
32	38.0	46.6	36.5	37.2	30.9	35.9	34.0	32.8	42.9	38.6	34.5	42.3	37.2
33	41.7	48.0	38.5	38.9	37.2	36.6	31.2	34.3	41.1	37.0	40.4	43.5	36.6
34	50.0	44.4	36.9	35.7	32.4	33.3	31.4	35.5	35.1	38.6	41.3	44.7	31.4
35	39.7	41.7	37.9	27.8	27.7	33.9	31.6	30.9	38.0	36.6	44.1	39.6	27.7
36	41.4	47.1	43.1	30.7	31.4	29.6	27.8	33.4	37.9	36.7	44.9	40.9	27.8
1939	71.1	68.9	66.5	60.5	56.6	52.0	52.8	54.7	60.4	64.8	67.0	72.9	62.4
30	72.2	70.3	67.8	60.6	56.0	54.0	53.1	54.5	61.2	65.2	66.5	70.4	62.7
31	70.6	72.8	64.0	60.7	57.5	53.1	54.7	55.9	57.7	64.8	68.7	72.4	62.7
32	68.7	73.8	64.2	58.0	55.4	51.1	51.1	55.7	63.0	61.7	62.9	67.1	61.3
33	69.5	68.7	68.2	59.3	59.2	53.8	54.6	54.0	60.1	64.8	67.3	68.9	62.3
34	73.4	68.0	65.0	60.6	56.2	52.2	53.4	56.4	59.6	65.1	65.0	69.5	61.9
35	69.7	65.4	63.2	59.0	55.3	53.6	53.1	55.4	59.7	59.9	71.0	70.5	61.3
36	69.5	69.2	67.2	59.3	54.4	54.4	50.7	54.8	58.9	61.5	65.2	67.1	60.9
1939	-17.7	-13.1	-3.2	5.2	14.8	20.8	23.3	20.4	12.7	5.9	-4.4	-14.6	4.2
30	-18.2	-11.7	-1.6	7.2	15.0	19.5	24.1	21.1	14.9	6.9	-2.0	-18.1	4.5
31	-20.1	-18.6	-3.4	4.1	12.0	18.8	23.4	22.0	14.3	6.2	-3.5	-13.7	4.5
32	-11.3	-13.2	-3.1	5.8	13.8	21.3	23.5	20.3	15.6	6.7	-3.4	-10.2	5.3
33	-17.2	-15.7	-2.4	5.3	15.0	19.8	24.0	20.7	15.3	6.5	-5.1	-11.3	4.2
34	-17.2	-2.2	-6.8	4.0	15.5	19.6	22.2	21.3	14.2	5.6	-2.9	-2.5	4.2
35	-14.4	-6.9	-2.6	5.3	12.8	18.3	22.2	21.3	14.2	5.6	-2.9	-2.5	4.2
36	-20.5	-16.2	-5.5	4.9	13.2	19.2	22.5	21.0	15.1	6.2	-6.5	-12.0	3.5
37	-16.2	-11.2	-7.3	5.8	13.5	18.9	22.9	22.3	14.1	6.5	-4.9	-12.8	4.1
38	-17.7	-12.1	-0.3	7.8	13.8	21.0	24.0	21.5	13.6	7.3	-3.9	-12.1	4.9
1939	-11.2	-4.4	4.4	13.1	22.6	28.4	29.4	26.0	20.2	13.5	2.7	-2.7	11.2
30	-8.9	-4.4	0.6	12.8	22.6	28.4	29.4	26.0	20.2	13.5	2.7	-2.7	11.2
31	-14.2	-11.2	4.1	12.0	18.9	26.4	29.2	28.2	21.0	14.8	-3.3	-10.6	11.4
32	-6.3	-1.8	1.6	14.0	20.7	28.9	28.3	25.5	21.2	18.3	3.4	-4.1	11.2
33	-10.1	-8.6	1.8	12.9	22.7	26.5	29.9	28.3	21.7	13.1	0.9	-3.6	11.0
34	-10.5	-1.6	-0.1	12.0	23.4	25.9	28.8	27.0	20.1	12.7	2.4	-2.1	11.3
35	-4.7	1.1	5.1	14.2	20.2	26.7	29.3	28.5	22.4	12.1	-1.2	-10.7	12.1
36	-13.2	-2.3	2.2	12.8	20.6	26.2	29.0	28.2	22.7	13.8	-0.2	-2.9	12.7
37	-4.2	-2.7	-0.2	14.1	21.6	22.2	21.1	22.2	21.9	14.3	2.5	-11.3	11.6
38	-10.2	-3.7	2.0	12.1	21.0	22.4	29.3	27.8	22.8	15.2	1.7	-10.0	12.2
1939	-24.4	-18.8	-10.7	-1.9	7.9	14.3	18.6	14.0	6.9	-1.2	-11.1	-20.3	-2.1
30	-23.0	-18.2	-2.9	0.6	7.9	12.6	19.1	17.4	9.5	0.4	-14.0	-22.4	-1.5
31	-22.0	-21.5	-10.0	-2.1	8.2	13.7	18.0	17.2	9.9	-0.1	-2.4	-22.6	-2.5
32	-17.8	-19.9	-11.2	-1.3	7.8	14.7	20.0	18.2	11.1	1.7	-2.4	-18.3	-2.6
33	-23.5	-22.7	-14.2	-1.1	7.2	14.1	18.5	16.8	9.2	1.3	-12.2	-18.7	-1.7
34	-22.0	-16.1	-12.9	-2.4	9.3	15.0	18.6	14.4	6.4	-0.2	-11.0	-14.9	-1.2
35	-22.1	-18.2	-10.1	-2.2	8.2	12.5	18.2	14.7	9.1	1.2	-12.0	-22.1	-1.2
36	-22.8	-21.9	-12.2	-1.4	8.2	12.5	18.2	14.7	9.1	1.2	-12.0	-22.1	-1.2
37	-21.2	-16.2	-12.2	-1.1	7.2	12.5	17.2	12.2	7.2	2.2	-12.2	-22.2	-1.2
38	-22.7	-22.1	-9.2	-2.2	7.2	12.2	19.2	14.2	7.2	2.2	-12.2	-22.2	-1.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED

洮 南 T'ao-nan

High limit of atmospheric temperature

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	全年	
最高温度	1929	33	14.2	24.3	31.6	35.0	36.4	37.0	37.0	31.0	27.0	11.0	-1.8
30	-0.9	4.9	16.0	24.5	34.8	36.8	37.4	37.4	31.0	26.6	21.9	11.0	-0.4
31	-3.8	-0.8	14.8	23.8	34.9	35.0	35.2	36.0	27.8	23.6	16.7	17.2	3.2
32	1.5	5.8	15.4	24.4	31.9	32.7	33.4	29.4	28.8	19.9	17.2	2.4	3.7
33	-1.0	-4.5	16.2	20.6	30.0	33.8	35.1	34.5	28.1	20.9	7.5	4.6	3.0
34	-3.8	5.3	15.0	22.2	29.7	32.4	30.0	31.8	28.6	21.4	10.6	6.8	3.4
35	-3.0	11.0	13.8	24.9	34.8	31.0	34.8	34.0	32.8	25.6	7.8	-1.6	34.8
36	-5.8	-2.8	19.2	21.2	31.1	31.1	34.5	33.8	31.5	25.3	10.1	1.8	35.1
37	-0.2	7.8	9.5	22.8	34.8	30.0	37.7	37.6	27.7	24.4	20.0	-3.7	37.7
38	-1.6	8.2	22.4	29.6	32.5	34.4	34.6	35.6	28.3	22.2	15.3	-1.2	34.6
最低温度	1929	-31.4	-26.6	-24.2	-8.0	-1.9	7.8	14.0	10.0	-0.3	-11.5	-18.8	-26.6
30	-30.2	-26.2	-21.2	-9.4	-0.8	7.0	13.0	11.0	1.5	-8.7	-24.4	-20.8	-30.8
31	-26.4	-33.7	-20.4	-7.1	0.4	7.4	13.8	9.1	3.8	-2.3	-20.4	-27.8	-34.4
32	-28.4	-29.2	-20.6	-7.0	0.2	7.8	14.4	9.7	6.7	-4.8	-24.6	-21.8	-28.4
33	-29.4	-27.0	-15.8	-5.5	-0.7	7.8	10.1	12.2	0.2	-4.9	-17.8	-23.0	-29.4
34	-26.4	-23.5	-15.8	-10.2	-2.3	8.4	13.7	10.0	4.0	-8.6	-22.0	-23.2	-26.4
35	-25.5	-28.8	-14.6	-8.0	-0.4	8.0	12.6	5.4	1.8	-4.1	-19.0	-27.8	-27.8
36	-33.8	-22.0	-23.0	-6.4	0.6	5.4	10.1	11.0	2.8	-9.4	-19.6	-25.5	-23.8
37	-30.3	-26.6	-20.8	-9.4	-0.8	6.4	13.7	7.5	-0.2	-10.2	-23.4	-21.0	-23.0
38	-31.0	-29.2	-19.8	-2.8	1.1	4.5	15.6	8.7	2.7	-7.8	-18.1	-30.2	-31.0
水汽蒸气压	1929	0.8	1.2	1.7	2.8	5.5	8.4	14.2	13.6	6.8	3.6	1.8	1.0
30	1.0	1.5	2.1	2.9	4.8	8.8	15.2	14.6	8.9	4.1	1.8	1.1	5.7
31	0.8	0.8	2.0	3.6	5.7	10.3	13.6	12.8	9.0	4.4	2.3	1.2	6.6
32	1.2	1.2	1.8	3.0	5.9	10.3	17.7	13.9	9.5	5.3	2.0	1.3	6.1
33	0.8	0.9	1.7	2.9	5.2	10.8	15.1	13.4	8.7	4.7	2.4	1.6	5.7
34	0.9	1.7	2.0	3.0	7.4	11.7	15.3	13.4	8.6	4.4	2.6	1.9	6.1
35	1.3	2.1	2.3	4.4	6.4	10.3	14.3	14.2	8.9	5.1	2.3	1.4	5.7
36	0.7	1.1	2.3	3.7	5.5	10.4	15.5	12.7	8.3	4.3	2.3	1.4	5.7
平均湿度	1929	67	67	69	68	68	70	75	64	49	54	61	68
30	69	72	73	73	73	73	71	81	69	59	72	79	64
31	79	72	75	75	75	75	75	75	74	61	61	68	66
32	65	68	68	68	68	68	68	74	74	73	73	67	61
33	65	64	65	66	66	66	66	70	67	67	74	80	64
34	77	75	71	73	70	70	78	71	66	78	81	71	71
35	82	74	63	62	58	68	68	74	68	65	79	79	70
36	77	79	70	59	51	65	78	71	70	60	76	71	69
最小湿度	1929	28	31	9	12	15	15	28	21	20	7	8	17
30	22	26	15	10	15	25	28	29	28	19	20	45	10
31	33	30	10	16	15	28	30	29	34	23	20	31	10
32	28	27	19	14	17	20	31	30	33	20	17	20	14
33	10	15	23	17	14	22	35	35	25	25	26	26	10
34	23	17	17	14	20	28	35	31	23	20	32	22	14
35	27	20	20	21	24	30	30	31	29	14	21	22	14
36	23	23	20	18	18	30	36	32	28	18	28	32	16
平均云量	1929	2.3	2.2	3.1	4.3	5.7	6.2	6.4	5.7	4.3	3.4	2.1	2.9
30	1.3	2.2	4.0	5.2	5.4	5.4	5.7	6.7	6.1	2.9	3.8	2.0	4.9
31	2.4	1.9	2.1	4.0	4.9	3.4	3.4	4.4	5.1	2.2	2.3	1.3	2.2
32	2.2	1.9	2.2	4.2	3.4	4.9	5.1	4.2	4.8	3.3	1.7	1.1	3.7
33	0.9	2.2	2.0	3.2	4.7	3.4	4.3	3.8	2.3	3.1	2.3	2.3	3.4
34	1.7	2.1	3.7	4.1	5.3	6.3	6.2	6.4	5.1	4.1	2.2	1.1	3.2
35	1.4	2.2	3.1	4.4	5.2	5.2	5.2	4.7	4.1	3.7	2.4	1.4	3.2
36	1.3	1.8	3.1	4.9	5.2	5.1	5.3	4.3	4.1	2.3	2.2	1.4	3.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

846

T'ao-nan

RESTRICTED

濤 南

Mean wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
平均風速 1939	8.0	3.1	4.3	4.4	4.8	4.1	3.4	3.1	3.4	4.0	3.3	3.7	3.6
30	8.0	3.8	3.8	5.3	5.5	5.9	5.4	3.8	3.3	3.7	3.7	3.9	3.8
31	3.0	3.5	4.7	4.8	5.8	5.5	3.4	3.7	3.5	3.3	3.3	3.7	3.4
32	3.3	2.9	4.5	4.8	5.8	3.7	3.9	3.4	2.8	3.4	3.4	3.7	3.4
33	3.7	3.3	4.1	5.0	4.5	3.0	3.1	3.0	2.9	2.4	2.3	2.7	3.3
34	1.8	1.6	3.2	3.2	3.3	2.6	2.7	3.1	3.4	2.9	2.6	2.8	2.8
35	3.1	2.8	3.4	5.1	3.9	3.7	3.7	2.1	4.3	3.3	2.6	3.3	3.4
36	2.7	2.4	4.5	4.1	2.6	2.4	2.3	2.0	3.1	3.4	3.0	2.8	2.9
最大風速 1939	8.5	10.5	14.6	16.3	13.4	16.9	11.4	12.8	11.1	13.1	11.4	12.3	16.9
30	10.7	12.3	10.5	16.0	15.6	17.0	13.7	9.9	11.4	12.7	13.0	9.9	16.7
31	9.3	16.3	19.3	19.8	17.5	18.8	11.7	11.1	10.8	13.7	12.8	10.8	19.8
32	11.7	11.1	11.8	15.8	17.5	14.6	10.5	12.4	11.3	11.4	14.4	11.4	21.2
33	13.4	14.9	16.3	16.9	14.3	11.3	11.7	13.8	12.3	10.8	10.5	13.9	16.9
34	8.8	11.7	17.5	17.5	10.2	8.9	10.2	9.7	10.6	14.1	11.6	12.3	17.5
35	13.1	15.4	17.4	17.4	14.7	15.6	11.0	14.5	17.4	9.6	9.8	10.4	17.4
36	7.9	9.0	17.5	12.5	13.3	14.7	11.9	9.2	7.5	10.6	11.0	10.0	17.5
降水量 1939	2.3	5.1	0.3	11.2	10.9	50.0	100.0	98.1	33.1	2.2	1.5	2.5	138.7
30	1.4	0.8	6.0	7.1	11.0	42.8	100.0	111.9	33.1	1.5	1.5	2.5	138.7
31	1.9	2.5	5.5	10.9	53.9	116.5	44.6	141.7	96.7	4.1	2.5	0.4	481.6
32	0.3	6.0	9.4	8.5	34.4	45.4	202.4	78.9	65.0	31.5	0.7	0.4	492.2
33	0.2	1.7	1.8	0.4	31.7	82.2	101.4	101.4	31.3	16.0	0.2	1.3	540.3
34	0.1	1.4	9.9	1.4	50.0	105.1	260.6	50.3	42.7	5.0	...	...	346.9
35	2.8	0.2	2.5	9.8	5.7	59.4	53.6	134.1	37.9	5.0	...	...	311.2
36	2.7	2.5	1.0	11.6	15.6	42.4	149.2	44.4	42.7	2.4	6.7	...	311.2
37	1.4	2.1	0.4	25.7	7.3	16.0	141.1	111.3	25.6	7.0	1.8	7.8	311.4
38	3.3	3.1	2.7	42.9	28.5	95.2	153.5	97.7	41.2	41.3	0.3	2.4	312.1
最大日量 1939	0.6	4.5	0.3	6.0	4.0	37.0	57.7	50.0	15.7	1.3	0.2	2.2	57.7
30	1.1	0.7	4.5	6.2	3.2	15.3	28.5	51.3	8.9	12.8	7.3	0.3	31.7
31	0.8	1.0	4.5	6.2	3.2	15.3	28.5	51.3	8.9	12.8	7.3	0.3	31.7
32	0.3	3.3	5.5	5.5	11.8	14.1	30.1	25.7	22.0	3.7	2.1	0.8	42.8
33	0.1	1.3	1.8	0.4	14.5	33.5	34.0	64.6	13.0	7.0	0.2	0.6	44.6
34	0.1	0.9	7.3	0.5	15.4	24.7	93.3	15.4	13.2	5.5	...	...	22.3
35	0.5	0.2	2.0	3.7	2.7	14.5	20.1	52.7	20.9	6.7	3.0	0.6	23.7
36	1.7	1.5	0.6	4.9	11.1	24.3	14.4	22.8	1.3	4.1	4.1	0.1	20.1
37	1.2	0.8	0.3	12.8	2.4	21.4	26.5	35.6	20.4	2.0	1.4	6.6	24.3
38	2.9	1.4	2.7	20.2	10.0	34.6	51.7	42.1	14.2	13.8	0.3	1.0	31.7
日照時數 1939	216.1	205.0	262.7	272.1	255.4	272.2	272.2	253.8	272.4	251.0	217.0	183.1	2222.2
30	221.7	212.2	266.7	270.5	262.7	272.2	272.2	222.2	222.7	222.7	172.2	222.2	2222.2
31	214.2	227.2	227.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.2
32	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.2
33	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.2
34	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.2
35	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.2
36	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	2222.2
日照率 1939	74	70	73	67	66	60	58	52	73	74	74	62	64
30	74	72	72	67	63	57	52	46	67	72	72	62	64
31	74	72	72	67	63	57	52	46	67	72	72	62	64
32	74	72	72	67	63	57	52	46	67	72	72	62	64
33	74	72	72	67	63	57	52	46	67	72	72	62	64
34	74	72	72	67	63	57	52	46	67	72	72	62	64
35	74	72	72	67	63	57	52	46	67	72	72	62	64
36	74	72	72	67	63	57	52	46	67	72	72	62	64

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

STAT

RESTRICTED

T'ao-nan 濠 南

Evaporative capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1929	31.4	38.1	146.4	219.7	349.5	384.1	337.3	170.8	149.5	137.6	58.8	26.7	1225.4
30	34.6	43.1	122.8	173.0	275.0	316.9	280.1	141.0	121.4	114.8	32.1	19.8	1252.5
31	18.0	28.1	112.4	139.0	189.1	216.6	184.9	126.9	112.1	124.0	69.3	39.6	1241.7
32	39.5	39.5	94.8	122.6	314.6	391.4	141.4	139.1	108.8	92.4	77.4	45.8	1467.3
33	15.9	29.9	100.7	148.4	347.0	387.3	237.9	178.5	159.4	94.9	51.5	31.9	1732.4
34	26.1	43.8	77.1	180.5	247.4	321.3	151.1	175.8	96.9	107.4	61.8	38.7	1441.8
35	20.5	31.1	109.3	121.8	308.2	215.3	115.3	174.8	92.6	106.4	38.4	19.9	1261.4
36	31.4	38.5	95.0	196.5	279.4	285.5	179.0	146.8	106.7	79.6	31.4	15.9	1329.4
37	23.0	40.8	81.6	116.3	315.4	286.5	187.9	190.7	130.8	108.3	62.8	39.3	1726.4
38	21.8	40.9	120.8	209.5	311.7	285.4	184.1	118.8	85.9	94.0	52.3	25.3	1429.5
1929	1.6	2.3	11.9	15.3	26.8	22.1	13.5	10.7	9.1	10.7	4.0	1.8	26.8
30	1.3	3.2	6.2	22.1	20.6	17.9	17.2	15.3	7.8	7.4	3.5	1.0	62.6
31	1.1	1.7	7.8	16.7	17.8	21.9	12.3	12.4	6.6	7.9	5.0	1.6	17.8
32	2.2	3.6	6.4	24.0	20.4	18.5	15.3	7.6	3.8	12.7	23.1	4.8	62.0
33	1.4	1.7	5.8	17.0	22.3	15.2	13.0	8.4	8.7	5.6	2.7	1.9	28.2
34	1.5	2.3	3.8	14.6	15.0	14.3	9.7	8.5	7.6	7.5	3.9	2.3	15.0
35	1.3	4.4	6.0	13.9	19.0	12.5	10.8	11.0	7.5	5.5	2.0	1.1	19.0
36	1.0	1.7	6.8	13.5	17.0	12.5	9.7	10.1	8.1	6.4	2.3	1.5	17.0
1929	-27.4	-22.8	-13.2	-4.5	5.6	12.6	16.7	13.8	3.6	-3.8	-14.7	-23.1	-4.8
30	-28.4	-20.9	-11.0	-1.1	5.8	11.1	17.2	16.0	6.9	-1.6	-15.5	-23.9	-3.6
31	-28.6	-27.1	-12.0	-4.3	4.3	11.8	15.6	15.3	7.6	-3.8	-12.7	-23.1	-4.8
32	-21.4	-21.8	-15.5	-3.9	6.1	12.7	18.4	12.6	8.3	-1.1	-12.7	-17.0	-3.0
33	-25.8	-24.1	-16.1	-3.1	6.3	12.3	16.8	14.3	6.5	-2.3	-12.8	-18.7	-3.9
34	-26.4	-18.9	-15.1	-5.1	7.0	13.2	16.4	13.5	6.8	-2.4	-13.3	-19.3	-3.7
35	-22.0	-17.9	-12.3	-2.6	2.4	10.0	15.6	14.0	6.8	-1.3	-12.8	-25.0	-4.0
36	-29.0	-25.7	-15.9	-3.7	4.1	10.5	12.0	13.2	6.9	-3.3	-14.0	-21.3	-5.3
1929	-28.0	-30.0	-25.0	-18.6	-5.3	5.4	10.6	6.0	-4.3	-14.5	-22.5	-29.0	-26.0
30	-33.0	-30.0	-21.8	-13.3	-2.2	6.8	11.5	10.2	-1.0	-2.4	-25.9	-32.8	-31.8
31	-28.8	-25.0	-22.8	-10.4	-1.4	5.2	10.8	4.5	-3.4	-12.2	-22.2	-26.4	-28.2
32	-30.8	-30.0	-27.6	-12.0	-1.0	5.0	11.4	6.0	-4.2	-9.7	-26.3	-28.8	-30.8
33	-31.6	-30.0	-22.0	-9.0	-2.0	5.5	7.7	8.0	-3.0	-2.9	-20.0	-25.8	-31.6
34	-21.3	-26.2	-25.2	-11.1	-1.6	5.2	12.1	6.7	-2.0	-11.1	-25.8	-26.4	-31.3
35	-	-30.5	-17.4	-17.8	-6.6	3.2	10.0	0.4	-0.6	-12.2	-22.7	-22.1	-
36	-36.8	-35.7	-26.4	-10.0	-3.0	3.8	9.8	7.4	-1.7	-13.8	-21.9	-29.4	-26.8
1929	-17.9	-11.5	-0.9	7.6	17.2	22.4	22.6	17.7	7.3	-4.7	-14.8	6.1	
30	-18.9	-9.9	0.6	9.7	17.3	21.5	22.4	22.8	16.4	7.9	-4.9	-11.9	6.1
31	-18.9	-17.3	-1.3	3.1	14.2	21.7	22.8	23.8	15.5	7.9	-3.0	-12.6	1.1
32	-12.5	-11.2	-2.9	7.1	15.2	21.7	22.8	21.2	17.3	6.4	-4.6	-10.8	6.4
33	-18.4	-13.8	-5.3	7.8	16.7	22.5	27.2	23.6	18.0	7.4	-3.2	-10.1	6.0
34	-16.4	-7.4	-3.5	5.8	16.9	21.9	24.8	24.4	18.0	9.4	-3.1	-10.4	6.8
35	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-19.0	-12.9	-2.8	6.8	14.9	20.5	24.2	23.2	17.8	7.3	-2.8	-11.2	5.5
1929	-15.3	-11.9	-3.1	5.4	14.9	22.1	24.0	23.0	15.1	7.2	-3.3	-11.8	5.5
30	-15.1	-12.1	-2.2	7.7	14.5	20.7	25.5	22.8	17.3	8.1	-4.4	-12.0	1.3
31	-15.2	-14.8	-2.8	3.7	12.5	20.0	23.5	24.3	18.0	7.9	-1.1	-12.6	3.6
32	-14.8	-9.8	-2.1	8.1	14.9	22.9	22.7	22.0	17.6	7.8	-1.1	-11.2	7.1
33	-12.9	-12.6	-2.1	6.5	13.1	21.6	25.6	22.1	18.2	7.7	-2.0	-7.4	5.1
34	-12.4	-	-2.4	4.3	14.5	22.4	23.9	23.4	15.4	6.4	-2.8	-7.8	-
35	-10.3	-6.3	-0.8	5.4	12.6	18.6	24.8	23.8	17.0	8.2	-3.6	-12.4	4.4
36	-17.3	-12.2	-4.1	4.9	12.1	15.1	22.4	22.8	18.7	7.1	-2.5	-2.8	4.2
1929	-12.8	210.8	-2.4	6.0	12.9	22.6	22.4	21.8	15.4	8.3	-1.2	-4.0	6.0
30	-12.8	-15.4	-1.2	6.7	12.2	19.3	24.1	21.2	13.2	7.8	-2.5	-2.2	6.0
31	-12.4	-12.9	-2.1	2.7	11.0	19.0	22.7	22.4	14.6	7.4	-2.5	-2.2	6.0

Maximum evaporative capacity per day

Mean minimum earth temperature

Minimum earth temperature

Mean ground level temperature

Underground temperature (0.1m)

Underground temperature (0.4m)

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

228

RESTRICTED

STAT

348

RESTRICTED

STAT

沈 T'ao-nan 南

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1928	-9.7	-6.6	-3.7	5.1	12.2	21.5	24.2	21.6	16.8	7.4	-0.1	-1.6	7.3
33	-10.9	-15.3	-4.5	3.2	12.1	17.4	22.8	21.3	16.8	9.2	1.3	-3.6	5.2
34	-8.5	-	-2.8	1.1	10.0	17.1	21.8	21.8	15.6	8.0	2.3	-2.4	5.2
35	-7.8	-5.0	-0.8	2.5	9.0	16.9	21.7	22.5	18.8	9.9	0.2	-2.8	6.4
36	-13.2	-11.1	-4.4	2.6	9.4	15.9	21.4	21.5	17.0	8.1	-0.7	-7.7	4.9
1929	-11.3	-9.8	-3.5	2.7	11.0	19.2	22.5	21.4	15.9	9.2	0.4	-4.5	5.9
30	-10.8	-7.8	-1.5	4.2	11.7	19.4	22.9	21.6	16.9	9.2	-1.2	-2.3	6.3
31	-11.4	-11.0	-0.5	2.4	9.9	17.6	23.3	22.3	16.1	8.6	1.8	-3.2	6.1
32	-4.5	-4.7	-2.9	2.8	10.6	19.8	22.0	21.5	16.9	8.3	1.1	-4.6	7.2
33	-10.6	-9.5	-4.6	2.7	11.0	16.9	22.1	22.9	16.6	9.0	1.5	-	-
34	-	-5.4	-2.8	1.0	10.1	17.2	21.7	21.3	15.4	7.7	1.0	-4.4	-
35	-7.6	-5.2	-0.9	2.4	8.9	16.7	21.6	22.3	17.3	10.4	0.7	-7.5	7.1
36	-11.8	-9.9	-3.8	2.2	9.1	15.0	20.1	20.6	16.9	8.9	0.9	-5.7	5.2
1929	-10.2	-9.2	-3.4	1.8	9.7	17.8	21.4	20.6	15.7	10.0	1.7	-4.2	6.0
30	-8.9	-7.5	-1.6	3.3	10.5	17.9	21.2	20.6	17.1	10.1	1.2	-4.0	6.5
31	-9.1	-9.6	-2.7	1.0	7.2	14.7	20.5	21.3	16.2	9.5	3.5	-3.2	6.2
32	-6.1	-6.9	-3.9	1.2	8.2	12.0	21.0	22.6	16.7	9.2	2.7	-4.4	6.2
33	-8.0	-7.8	-3.9	1.7	9.1	15.1	20.9	20.1	16.6	10.1	2.6	-1.2	6.2
34	-6.7	-	-2.2	0.6	8.1	14.8	19.7	20.1	15.6	9.2	2.7	-2.2	-
35	-5.9	-4.4	-0.8	1.9	7.5	15.1	19.8	21.5	16.8	10.7	2.4	-5.4	6.6
36	-8.9	-8.2	-4.0	1.3	7.3	13.3	18.4	19.5	16.5	9.3	1.8	-4.2	5.2
1929	-4.5	-6.1	-3.2	-0.4	3.4	12.4	17.1	18.2	15.2	11.2	5.0	0.9	5.2
30	-2.8	-4.0	-5.4	0.0	5.3	12.2	17.7	17.9	16.4	11.2	5.1	0.4	6.2
31	-3.4	-4.6	-2.0	-0.4	2.1	9.1	15.2	16.7	15.2	10.8	6.1	1.6	5.7
32	-1.2	-2.9	-4.8	-0.4	3.3	11.6	16.3	17.4	15.2	11.0	1.9	1.5	5.5
33	-1.7	-7.1	-2.4	-0.4	2.8	9.5	16.0	16.3	15.3	11.1	5.9	2.3	5.6
34	-1.4	-	-1.4	0.4	2.1	9.0	13.8	16.3	13.9	10.6	5.7	1.2	-
35	-0.9	-1.8	-0.7	-	2.7	9.7	14.2	16.9	15.2	11.0	5.5	0.5	-
36	-4.2	-5.2	-2.0	-0.8	2.1	6.8	13.1	15.6	14.5	10.0	4.2	0.8	4.5
1929	2.4	0.8	0.0	0.1	0.5	6.2	11.4	13.6	13.1	11.3	8.3	2.2	6.1
30	3.2	1.6	1.2	2.3	1.9	7.5	11.0	12.6	13.2	11.3	8.9	2.0	6.6
31	3.4	1.2	1.1	0.8	1.0	3.9	8.9	11.5	12.3	11.3	9.0	6.5	6.0
32	3.9	2.3	1.7	1.4	0.6	0.1	10.1	12.3	12.7	11.9	9.2	6.2	6.6
33	4.3	2.5	1.6	1.4	1.5	4.1	8.8	11.9	12.8	11.2	9.2	6.6	6.4
34	4.3	-	2.9	1.2	1.2	4.3	2.5	11.0	12.2	11.3	8.7	6.3	-
35	3.2	2.2	2.1	1.2	2.1	2.6	8.5	10.7	12.3	11.2	8.9	5.2	6.3
36	3.3	1.8	0.3	0.6	0.6	2.2	7.0	10.1	11.2	10.1	7.2	5.2	5.0
1929	5.1	4.0	2.9	2.2	2.3	3.7	6.9	9.0	10.3	10.1	8.9	7.3	6.1
30	5.6	4.1	3.3	3.2	2.2	4.5	7.0	9.0	10.3	10.3	8.9	7.3	6.1
31	5.6	4.2	3.1	2.2	2.6	2.9	5.4	7.2	9.2	9.2	8.2	7.4	5.2
32	5.0	4.6	3.7	2.9	2.7	3.1	5.3	7.2	9.2	9.2	8.5	7.1	5.9
33	5.4	-	3.7	3.1	3.2	4.3	6.5	8.7	9.7	9.6	8.4	6.9	-
34	5.2	4.2	3.5	3.1	3.1	4.6	7.1	8.7	9.6	9.6	8.6	6.6	6.1
35	4.8	3.9	2.8	2.7	2.6	3.1	4.8	7.5	8.6	8.9	7.6	6.1	5.3
1929	5	4	1	5	9	8	15	13	8	2	2	2	24
30	4	2	2	3	10	12	12	10	2	2	2	2	22
31	2	2	2	2	10	14	9	13	3	2	2	2	22
32	2	2	1	1	13	12	12	13	11	2	2	2	21
33	2	2	1	1	5	11	10	11	7	6	2	2	21
34	1	4	4	4	8	15	14	10	12	3	2	2	22
35	2	1	2	2	5	12	12	11	2	2	2	2	22
36	2	2	2	2	5	12	12	11	2	2	2	2	22

Number of rainy days

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

229

RESTRICTED

STAT

RESTRICTED

349

滿洲 T'AO-nan 南

Number of clear days

Number of cloudy days

Number of foggy days

Number of days with hail
Number of days with soft hail

Number of days without sunshine

Number of days with electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
快晴日数 1929	19	10	10	7	4	1	2	2	6	23	17	15	106
30	21	13	10	6	3	5	3	3	4	18	21	19	114
31	15	18	18	2	7	3	8	8	4	17	16	23	148
32	17	20	16	6	4	5	—	3	6	23	17	21	120
33	25	19	17	11	5	3	6	7	14	17	15	11	148
34	20	17	10	7	4	2	3	7	7	15	17	21	120
35	21	15	14	5	5	3	3	6	14	14	15	23	138
36	19	20	17	6	1	3	2	8	5	14	9	21	125
曇天日数 1929	1	2	3	3	7	7	11	9	2	2	—	3	50
30	—	1	6	6	5	7	7	15	1	4	4	1	58
31	3	1	1	1	3	4	7	4	5	—	2	—	36
32	2	2	2	2	4	7	6	11	2	1	—	1	50
33	—	1	—	—	5	9	3	10	8	1	3	1	56
34	—	2	1	5	2	2	14	4	2	—	1	1	37
35	1	1	1	5	6	2	9	3	7	2	2	1	57
36	—	1	3	7	11	9	9	3	4	—	2	1	50
霧日数 1929	—	—	—	1	1	—	1	—	1	—	—	—	4
30	—	—	—	—	—	—	1	—	—	—	—	—	4
31	—	—	1	—	—	—	1	—	—	—	—	—	2
32	—	—	—	—	—	—	2	3	4	4	—	—	15
33	—	—	—	—	—	—	2	—	—	—	—	—	2
34	—	—	—	—	—	—	2	—	2	—	—	—	4
35	—	—	—	—	—	—	—	—	—	1	—	—	2
36	—	—	—	—	—	—	1	—	—	—	—	—	2
雹日数 1931	—	—	—	—	—	—	2	—	1	—	—	—	3
35	—	—	—	—	—	—	1	—	—	—	—	—	4
36	—	—	—	—	—	—	—	—	—	—	—	—	4
霰日数 1930	—	—	—	—	1	—	—	—	—	—	1	—	2
33	—	—	—	—	—	—	—	—	—	—	—	—	1
34	—	—	—	—	—	—	—	—	—	—	—	—	1
35	—	—	—	—	—	—	—	—	—	—	—	—	2
36	3	1	—	—	—	—	—	—	—	—	—	—	5
不照日数 1929	1	—	—	1	2	1	1	3	—	2	1	3	14
30	1	1	—	1	3	2	1	2	—	4	4	1	20
31	—	—	2	2	2	1	1	—	—	4	2	2	15
32	—	—	3	1	4	2	1	2	—	6	—	—	15
33	—	2	—	—	2	1	3	—	—	—	—	—	10
34	—	2	3	2	1	1	2	—	3	1	—	—	14
35	—	—	—	—	2	2	1	—	2	4	4	—	14
36	—	1	—	—	1	4	2	—	1	1	4	1	15
電雷日数 1929	—	—	—	—	2	4	6	2	3	—	—	—	18
30	—	—	—	—	—	—	—	—	—	—	—	—	10
31	—	—	—	—	4	1	2	—	—	—	—	—	23
32	—	—	—	—	3	3	2	—	—	—	—	—	9
33	—	—	—	—	—	3	3	—	—	—	—	—	6
34	—	—	—	—	1	6	7	—	1	—	—	—	20
35	—	—	—	—	—	2	3	—	—	3	—	—	24
36	—	—	—	—	2	2	11	—	—	—	—	—	22
暴风雨日数 1929	—	1	7	11	10	6	2	2	2	2	2	4	57
30	—	—	—	—	10	10	—	—	—	—	—	—	30
31	—	—	—	—	9	2	4	—	—	—	—	—	24

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

230

RESTRICTED

380

RESTRICTED

瀋陽 Liao-nan

Number of stormy days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1938	3	1	6	13	13	8	1	1	8	8	3	3	50
39	1	2	3	10	7	1	1	8	1	1	1	1	31
34	1	1	3	7	3	1	1	1	1	1	1	1	30
35	2	4	4	17	10	6	3	8	12	1	1	1	81
36	1	1	9	4	4	4	3	1	1	1	1	1	37

最大積雪量	1939	30	31	32	33	34	35
1939	0.4	2.0	1.8	1.5	---	---	---
30	1.0	0.2	0.2	1.8	---	---	---
31	2.4	1.5	5.1	---	---	---	---
32	0.2	4.8	0.0	---	---	---	---
33	---	0.8	6.1	---	---	---	---
34	---	0.5	---	---	---	---	---
35	5.0	0.1	2.0	---	---	---	---

密山 Mi-shan

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1937	54.6	54.1	49.8	47.7	44.4	45.1	41.4	46.6	48.3	50.2	52.1	49.7	48.5
平均 38	54.8	50.0	51.0	49.3	43.4	42.8	43.1	45.2	47.0	51.0	53.3	54.7	48.0
39	55.0	54.0	48.7	47.5	44.9	40.8	43.4	45.5	46.3	51.8	51.1	54.3	48.7
水銀氣壓 (+700mm) 1937	61.6	55.0	58.1	60.7	58.1	52.0	50.7	52.0	54.5	59.5	63.2	58.8	65.9
平均 38	64.0	58.2	59.5	56.4	52.1	54.0	48.8	54.1	55.4	60.3	62.8	62.9	64.0
39	64.0	58.2	59.5	56.4	52.1	54.0	48.8	54.1	55.4	60.3	62.8	62.9	64.0
水銀氣壓 (+700mm) 1937	42.3	39.2	36.6	31.8	28.0	30.3	30.8	39.2	41.4	38.0	42.1	42.0	28.0
平均 38	45.4	28.2	42.2	30.7	30.6	33.7	36.9	37.9	32.6	41.9	40.4	47.1	28.1
39	45.4	28.2	42.2	30.7	30.6	33.7	36.9	37.9	32.6	41.9	40.4	47.1	28.1
海平面氣壓 1937	68.6	67.8	63.1	60.4	54.8	57.4	53.2	58.5	60.2	62.8	65.2	63.5	61.3
平均 38	68.5	67.5	63.7	64.8	55.2	54.9	57.1	59.0	63.2	66.0	68.4	66.7	60.7
39	69.0	68.1	61.8	60.0	57.1	52.8	55.2	57.3	58.4	64.3	64.3	67.9	61.4
平均氣溫 1937	-10.0	-12.8	-10.1	3.8	10.6	17.5	21.5	20.6	13.8	5.2	-5.5	-12.2	2.0
平均 38	-12.6	-15.0	-13.7	5.1	12.4	17.4	23.3	22.6	13.4	6.2	-5.5	-17.8	3.3
39	-20.4	-13.2	-3.3	5.6	11.8	16.3	22.5	14.3	4.8	-2.1	-13.6	3.3	---
40	-19.8	-14.3	-4.2	6.1	---	17.0	22.0	20.0	14.2	5.2	-4.8	-15.9	---
最高氣溫 1937	-12.4	-8.2	-5.0	9.7	17.0	23.8	27.6	26.2	20.3	22.1	11	-13.1	8.1
平均 38	-12.8	-8.9	2.9	11.3	19.0	23.8	28.0	27.1	18.4	12.9	-0.2	-12.3	9.3
39	-14.7	-8.2	2.2	12.9	18.4	21.1	28.6	28.2	19.7	11.5	-2.2	-7.4	9.8
40	-18.0	-8.7	2.5	10.4	---	22.2	27.8	28.0	11.9	12.4	0.2	8.9	---
最低氣溫 1937	-26.0	-23.4	-16.3	-2.2	4.1	11.4	12.8	14.8	7.1	-1.3	-20.0	-26.3	-6.4
平均 38	-27.7	-22.4	-11.1	-1.6	5.1	10.3	12.8	17.8	8.9	0.0	-11.4	-22.1	-7.1
39	-27.7	-22.4	-9.7	-1.7	6.3	10.9	12.4	15.2	9.2	-2.1	-12.4	-20.1	-2.9
40	-24.3	-20.8	-11.8	-0.4	---	11.5	12.6	14.3	0.2	2.6	-12.8	-19.7	---
氣溫高限 1937	0.0	2.3	1.0	16.1	24.0	32.0	31.3	31.6	22.0	22.0	12.5	5.5	22.6
平均 38	-3.4	-0.3	16.1	22.0	28.8	32.1	32.7	34.0	27.3	19.8	14.4	-1.4	24.7
39	-5.8	4.0	6.4	23.6	27.9	28.3	34.5	34.4	24.4	23.4	12.0	-2.2	24.1
氣溫低限 1937	-22.1	-22.0	-26.3	-7.1	-1.1	4.0	8.7	6.2	-7.4	-22.1	-22.0	-22.1	-22.1
平均 38	-22.3	-24.5	-23.8	-4.4	-2.1	3.1	12.8	14.6	-4.2	-14.4	-12.6	-24.4	-22.1
39	-24.0	-20.2	-12.0	-13.2	-2.2	2.1	14.4	2.6	-2.2	-21.1	-21.1	-22.1	-22.1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

231

RESTRICTED

STAT

RESTRICTED

Mi-shan 山

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水汽压力	0.8	1.4	2.1	4.1	6.2	11.6	15.8	15.1	9.8	4.8	2.2	0.8	6.3
38	0.8	1.4	2.1	4.1	6.2	11.6	15.8	15.1	9.8	4.8	2.2	0.8	6.3
39	0.7	1.3	2.0	4.0	6.1	11.5	15.7	15.0	9.7	4.7	2.1	0.7	6.2
平均湿度	89	90	91	89	87	77	83	81	81	78	66	69	78
38	72	73	64	53	47	73	78	74	81	72	73	75	73
39	76	70	73	55	66	78	80	72	80	66	67	71	74
40	70	68	62	59	—	77	80	77	71	65	73	78	—
最小湿度	56	56	53	53	51	35	45	44	39	28	23	22	21
38	24	27	18	19	18	26	39	41	40	26	26	28	18
39	50	41	37	15	25	28	43	37	26	24	34	43	15
平均云量	2.0	4.3	5.5	5.9	7.8	6.5	6.7	6.6	4.8	5.7	3.4	4.0	5.3
38	4.2	4.9	4.9	7.7	7.8	7.0	6.4	8.0	7.6	4.4	4.8	5.1	5.9
39	3.0	2.9	6.0	5.4	5.9	7.9	7.4	5.3	5.9	4.7	6.4	3.4	5.3
平均风速	3.1	3.9	4.9	4.4	3.7	3.4	3.1	2.5	2.7	2.9	3.3	4.1	3.3
38	4.0	4.9	3.9	4.7	3.8	3.5	3.1	2.8	2.7	2.9	3.0	3.0	3.1
39	3.6	4.5	3.9	3.3	3.5	2.4	2.4	2.4	2.4	2.5	3.1	2.7	3.0
最大风速	15.1	15.0	16.7	20.1	16.3	11.3	10.8	10.8	11.0	15.4	11.4	19.8	20.1
38	16.3	23.4	18.7	16.4	17.5	16.3	7.9	7.6	7.9	11.5	10.4	11.4	23.4
39	13.8	13.0	14.7	13.3	9.8	9.8	8.5	8.1	8.5	11.3	12.1	14.2	14.8
降雨量	0.4	2.3	15.6	41.0	57.3	61.3	117.7	182.2	67.0	24.0	2.8	2.2	645.9
38	5.0	6.0	9.4	26.5	55.9	73.7	45.8	131.0	120.5	14.4	21.7	6.1	618.9
39	4.4	0.4	13.9	47.8	18.6	103.7	167.9	75.5	108.1	14.0	28.5	6.6	649.4
40	2.8	0.5	5.8	18.1	—	102.8	119.3	48.3	33.7	36.4	51.7	8.1	—
最大日量	0.5	1.2	3.6	20.6	12.4	16.0	24.8	45.4	18.8	24.7	1.9	2.5	45.4
38	4.1	5.5	4.9	4.4	6.7	21.2	15.3	74.9	48.9	21.1	9.0	3.7	79.9
39	1.6	0.4	4.3	20.5	2.4	29.7	80.1	18.4	49.9	8.8	8.3	5.1	20.1
日照时数	230.0	224.9	254.0	245.3	202.5	272.1	277.8	244.7	252.9	199.0	205.8	184.1	2232.7
38	192.1	209.5	270.2	221.9	238.0	271.5	302.0	212.2	271.5	223.3	174.6	200.4	2262.8
39	209.9	231.5	202.8	242.0	277.3	196.8	251.6	229.6	272.0	223.8	174.6	191.8	2178.7
40	157.5	221.3	220.5	219.0	—	235.5	277.1	243.9	250.3	192.6	161.3	148.9	—
日照率	83	77	69	61	44	59	59	61	68	59	73	68	64
38	70	72	73	55	31	48	44	49	46	46	55	74	61
39	74	80	55	60	60	48	54	76	46	69	62	71	62
蒸发量	16.1	23.9	38.8	89.7	121.1	120.1	144.4	119.9	101.7	72.1	47.7	24.3	968.8
38	24.4	27.0	44.7	114.6	128.8	128.6	128.6	128.6	121.1	77.4	47.9	22.6	1104.2
39	21.4	43.9	72.9	119.9	142.1	127.7	125.5	125.8	128.9	62.2	46.4	23.8	1123.3
40	19.9	21.1	79.7	128.6	—	128.9	137.1	128.7	127.1	64.8	43.9	24.7	—
最大日量	1.1	1.7	2.3	(4.7)	(6.0)	(7.5)	(7.4)	5.9	3.3	(6.2)	(8.7)	1.3	(9.2)
38	1.4	1.8	4.3	7.3	9.1	9.7	11.0	7.3	4.1	4.1	2.6	1.4	11.8
39	1.2	2.9	3.9	6.7	7.4	7.4	7.9	8.8	5.1	5.8	3.4	1.3	8.6
最低地温	-29.1	-26.3	-17.0	-2.9	2.0	12.2	12.9	12.9	8.7	-2.7	-14.0	-22.4	-25.1
38	-28.8	-22.2	-14.8	-4.4	4.4	12.2	12.2	12.2	8.7	-2.7	-12.2	-22.4	-25.1
39	-28.8	-22.2	-14.4	-2.2	3.7	12.7	12.7	12.4	8.8	-2.4	-12.2	-22.4	-25.1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

237

STAT

RESTRICTED

389

Mi-shan 山

STAT

Mean ground level temperature

Underground temperature

" " "

" " "

" " "

" " "

" " "

" " "

" " "

Number of rainy days

Number of clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
平均气温	1937	-12.8	-13.6	-7.8	3.0	9.8	20.5	25.5	23.1	16.3	6.6	-2.5	-16.8	3.9
地面温度	38	-18.2	-18.2	-11.1	5.4	14.8	25.5	28.5	25.3	18.2	8.0	-1.9	-17.4	6.4
	39	-18.4	-11.1	-11.1	6.1	15.3	19.7	26.8	26.3	18.2	8.0	-1.9	-17.4	6.4
	40	-13.6	-10.6	-1.8	4.5	...	19.4	26.3	21.2	17.4	4.4	-2.3	-7.8	...
地中温度 (0.1m)	1937	-15.8	-18.3	-6.9	1.2	8.7	18.1	22.9	22.2	16.0	6.7	-1.4	-11.3	4.1
	38	-14.0	-11.7	-3.1	2.7	10.7	18.3	23.8	23.3	15.1	7.0	-1.4	-10.0	5.0
	39	-14.4	-10.9	-18.5	3.8	11.1	18.9	23.7	23.9	16.0	6.1	2.1	-7.0	5.4
	40	-15.5	-10.7	-3.4	2.0	...	18.4	23.8	22.5	15.7	6.2	-0.8	-8.8	...
" " "	1937	-14.6	-18.3	-7.2	0.0	7.2	16.7	21.7	21.4	15.7	6.8	-0.1	-10.0	3.7
	38	-13.4	-11.8	-4.0	1.0	9.1	17.1	22.7	22.9	15.4	7.8	0.1	-8.2	4.9
	39	-13.3	-10.3	-12.7	1.9	9.6	15.7	22.7	23.5	18.2	7.1	0.4	-1.6	4.1
	40	-11.2	-12.1	-3.6	0.8	...	15.4	21.5	20.3	16.3	7.1	0.7	-1.3	...
" " "	1937	-13.4	-12.0	-7.1	-0.6	5.8	15.0	20.5	20.8	15.7	7.4	0.8	-4.0	3.7
	38	-12.3	-11.1	-4.1	0.2	7.4	15.7	21.2	22.7	15.0	8.3	1.3	6.3	4.8
	39	-11.0	-9.7	-3.8	0.7	8.1	14.9	21.5	22.7	18.3	7.7	1.3	-0.3	5.3
	40	-10.0	-9.5	-3.7	0.1	...	14.0	20.3	19.9	16.3	7.8	1.5	-4.4	...
" " "	1937	-10.7	-10.4	-6.0	-0.8	3.6	12.0	18.0	19.4	15.6	8.6	2.7	-4.2	4.0
	38	-9.6	-9.3	-3.6	0.1	5.1	12.8	18.6	20.7	15.7	9.3	2.8	-1.5	4.9
	39	-8.6	-8.7	-2.8	0.2	6.1	12.8	19.1	21.7	16.3	7.7	1.3	-2.0	5.1
	40	-8.6	-8.8	-3.7	-0.3	...	12.4	19.0	19.2	15.8	8.2	2.4	-1.8	...
" " "	1937	-3.7	-6.1	-4.1	-1.1	-0.1	4.6	11.2	15.3	14.2	10.2	5.7	1.8	4.0
	38	-2.3	-4.8	-2.2	-0.5	0.4	6.3	12.8	16.5	15.9	10.7	5.3	2.0	4.9
	39	-2.9	-4.4	-2.2	-0.8	0.7	6.5	13.2	17.0	15.4	10.9	5.8	2.0	5.1
	40	-1.7	-4.0	-2.6	-0.7	...	6.0	12.9	15.5	14.8	10.4	5.9	2.0	...
" " "	1937	2.6	0.8	0.0	-0.3	0.0	0.9	3.5	8.7	10.4	10.0	7.8	2.4	4.1
	38	2.0	1.2	0.4	0.2	0.2	0.9	3.5	9.8	11.5	10.6	8.2	3.2	5.8
	39	3.2	1.2	0.4	0.3	0.4	1.3	4.3	10.4	11.8	10.9	8.4	3.8	5.0
	40	3.5	1.6	0.0	0.4	...	1.3	6.2	9.8	11.1	10.3	8.2	3.7	...
" " "	1937	5.0	3.6	2.6	1.9	1.7	1.5	2.1	5.0	7.2	8.1	7.7	6.6	4.4
	38	5.1	3.8	2.7	2.1	1.9	1.7	3.2	5.9	8.0	8.7	8.2	6.9	4.9
	39	3.4	4.0	2.8	2.4	2.1	2.0	3.7	4.5	8.5	8.1	8.1	7.2	5.8
	40	5.2	4.4	3.3	2.8	...	2.2	3.2	6.2	7.9	8.6	8.1	7.1	...
" " "	1937	5.9	5.1	4.2	3.4	3.1	2.8	2.7	3.8	5.1	6.4	6.8	6.6	4.7
	38	6.5	5.1	4.3	3.7	3.2	2.9	3.1	4.3	5.8	6.8	7.1	6.8	5.0
	39	6.2	4.8	4.5	3.8	3.3	3.0	3.5	4.4	5.3	7.4	7.1	6.1	5.3
	40	6.4	4.8	4.7	4.0	...	3.3	3.4	4.8	5.2	6.8	7.1	6.1	...
" " "	1937	6.0	5.5	5.0	4.1	4.1	3.7	3.5	3.7	4.4	5.3	5.8	5.0	4.8
	38	5.9	5.1	5.1	4.6	4.1	3.8	3.8	4.0	4.8	5.8	6.1	5.4	4.8
	39	6.2	5.7	5.2	4.2	4.3	4.0	3.1	4.1	4.6	5.6	6.2	5.2	5.1
	40	6.4	5.9	5.4	4.8	...	4.1	4.0	4.3	4.9	5.7	6.2	5.2	...
降水日数	1937	2	1	4	12	18	14	17	14	9	20	4	112	
	38	2	1	4	12	18	14	17	14	9	20	4	112	
	39	2	1	4	12	18	14	17	14	9	20	4	112	
	40	2	1	4	12	18	14	17	14	9	20	4	112	
晴朗日数	1937	11	11	6	4	11	11	11	11	11	11	11	112	
	38	14	12	8	1	14	11	11	11	11	11	11	112	
	39	14	12	8	1	14	11	11	11	11	11	11	112	
	40	14	12	8	1	14	11	11	11	11	11	11	112	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

233

RESTRICTED

STAT

RESTRICTED

358

密 Mi-shan 山

Number of cloudy days
 Number of days with hail
 Number of days with soft hail
 Number of days without sunshine
 Number of days with electrical storms
 Number of stormy days
 Number of earthquakes

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
曇天日数 1937	1	7	9	13	17	18	13	15	6	10	1	6	180
38	4	9	6	15	17	16	10	20	16	4	9	8	188
39	2	8	8	11	11	10	16	16	9	11	6	8	95
40	11	4	5	10	...	14	14	18	14	11	6	8	...
雹日数 1937	...	...	...	...	3	1	2	...	...	...	...	...	6
38	...	...	...	...	1	2	...	...	...	...	...	...	3
39	...	...	...	...	1	2	...	...	...	...	...	...	...
40	...	...	...	...	...	...	1	1	...	...	...	...	...
霰日数 1940	...	...	1	...	...	...	...	...	...	3	...	...	...
不照日数 1937	1	...	3	3	1	1	2	...	...	1	2	3	18
38	2	3	2	2	...	3	1	3	5	1	2	2	15
39	...	1	1	2	...	2	3	1	2	1	2	...	...
40	2	...	1	3	...	1	...	3	1	2	3	6	...
電雷日数 1937	...	...	...	...	2	5	9	2	2	...	...	...	20
38	...	...	...	...	1	3	1	4	1	...	...	...	13
39	...	...	...	...	1	4	4	4	2	...	...	...	16
40	...	...	...	...	...	6	12	3	...	...	...	...	...
暴風日数 1937	3	7	8	13	7	2	1	4	3	5	4	12	69
38	16	12	8	16	5	2	...	...	...	3	1	1	64
39	7	6	5	8	...	...	...	...	...	...	...	...	28
40	3	1	4	5	...	...	...	...	...	...	...	...	...
地震回数 1937	...	...	...	...	...	...	1	...	...	...	...	...	1

哈 爾 濱 Harbin

Mean barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水點凍期 1900	11.1	48.8	46.5	46.7	48.4	40.8	41.1	42.4	42.8	42.3	47.8	52.8	45.6
29	12.8	50.9	48.7	45.1	43.8	37.7	38.7	42.0	42.9	37.7	51.0	53.7	42.8
31	14.0	54.5	52.0	45.8	42.9	40.3	39.7	42.0	42.4	40.1	51.8	54.9	47.7
33	15.3	50.0	48.9	42.8	41.4	39.3	40.2	42.8	42.4	42.7	51.9	55.1	47.1
35	15.9	51.8	48.2	45.1	42.7	39.8	41.3	41.3	44.7	51.4	52.3	52.7	47.1
37	16.7	54.4	47.7	45.5	41.9	38.9	39.9	42.6	42.4	42.9	51.8	51.8	46.7
39	16.5	52.0	49.1	45.4	41.9	38.9	39.7	39.8	42.7	50.0	52.9	52.4	46.4
41	16.5	52.0	47.7	45.0	42.3	39.4	40.6	42.8	42.4	52.4	52.5	52.9	47.7
43	15.7	52.7	51.8	42.8	41.9	38.8	41.3	41.9	42.9	42.4	53.0	51.4	47.8
45	16.0	53.1	51.1	42.0	41.9	38.6	40.1	44.3	44.1	42.9	52.6	54.1	47.4
47	16.1	50.0	48.5	43.9	42.6	39.6	43.3	42.9	47.5	47.3	50.5	55.0	47.3
49	15.4	57.9	52.1	46.3	42.3	39.5	41.0	41.5	42.3	52.5	52.8	54.5	48.1
51	15.6	51.9	49.4	45.8	42.9	41.0	42.1	42.7	42.5	51.7	52.7	52.7	47.8
53	17.5	51.1	48.8	42.6	41.9	38.8	40.4	42.8	42.3	47.9	52.4	52.4	47.3
55	15.1	52.8	49.5	42.1	42.1	38.8	39.5	41.8	42.1	47.1	49.9	51.9	42.7
57	15.8	50.5	52.0	42.1	42.6	40.0	41.0	42.9	42.4	42.9	50.4	52.0	47.3
59	15.7	52.3	42.8	47.8	42.9	40.4	42.8	43.0	42.1	52.0	51.6	51.1	47.8
61	16.1	52.4	49.5	43.4	42.6	41.5	42.3	41.0	42.9	42.8	52.9	52.1	47.1
63	15.3	52.8	51.1	47.0	42.1	39.4	39.7	41.8	41.8	47.4	50.7	52.8	47.0
65	15.4	52.4	52.0	42.5	41.9	40.6	42.1	42.7	42.9	52.0	52.0	52.5	47.4
67	16.7	52.8	50.0	42.9	42.4	39.3	40.0	41.0	42.0	52.0	51.5	52.3	47.3
69	15.4	52.6	52.0	42.4	42.3	40.9	42.4	41.7	42.7	52.3	49.9	52.9	47.0
71	15.2	52.1	42.1	42.3	42.3	42.1	41.8	42.7	42.3	42.4	52.9	52.3	47.7
73	15.2	52.1	42.1	42.3	42.3	42.1	41.8	42.7	42.3	42.4	52.9	52.3	47.7
75	15.2	52.1	42.1	42.3	42.3	42.1	41.8	42.7	42.3	42.4	52.9	52.3	47.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

234

RESTRICTED

STAT

STAT

RESTRICTED

STAT

864

Harbin

哈 爾 濱

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1934	58.8	53.4	48.7	45.5	46.7	48.4	48.8	44.7	40.3	51.8	50.8	56.3	48.0
35	54.9	54.4	53.1	46.0	46.7	45.4	45.4	45.1	48.7	49.0	51.9	50.9	49.6
36	55.0	54.1	50.3	46.5	48.0	43.6	39.7	45.1	48.7	49.0	51.9	50.9	49.6
37	55.0	54.1	50.3	46.5	48.0	43.6	39.7	45.1	48.7	49.0	51.9	50.9	49.6
38	55.0	54.1	50.3	46.5	48.0	43.6	39.7	45.1	48.7	49.0	51.9	50.9	49.6
39	56.3	56.2	48.9	47.1	45.0	38.5	41.8	44.1	45.1	50.8	50.9	54.6	48.1
1900	57.6	55.8	58.1	54.3	50.9	45.0	46.8	47.4	53.4	59.0	58.8	60.8	57.6
10	52.7	59.4	57.4	54.6	57.3	45.4	45.4	47.4	54.5	63.1	61.7	60.8	53.1
11	54.2	54.0	54.0	59.7	51.7	47.1	48.7	48.3	55.3	58.1	59.8	60.6	56.0
12	56.0	57.7	61.0	55.5	51.7	45.0	48.8	48.8	54.4	58.5	59.6	58.5	58.5
13	57.2	59.4	58.5	54.4	48.1	45.0	49.1	47.3	50.6	60.1	63.2	65.3	57.2
14	58.8	62.8	58.0	59.6	51.8	47.6	43.6	49.2	53.1	56.9	65.3	60.7	64.3
15	64.1	60.7	59.3	59.3	58.8	48.4	45.6	45.5	59.3	59.3	60.4	68.5	64.1
16	73.7	52.5	54.1	54.8	51.9	45.5	48.0	49.1	54.2	60.2	59.3	69.9	73.7
17	65.2	62.8	61.0	53.8	49.8	45.3	50.2	49.8	54.1	61.3	61.3	61.3	61.3
18	64.6	62.1	59.7	54.8	48.9	44.8	44.2	51.0	54.0	59.1	59.8	68.8	64.6
19	62.8	61.5	58.2	56.5	51.1	48.0	47.6	47.5	55.6	53.3	65.9	63.2	62.0
20	62.1	66.0	62.9	56.8	49.4	46.4	46.1	49.5	57.0	59.3	68.1	68.1	68.1
21	65.6	59.2	56.1	57.0	51.9	49.0	45.3	46.0	56.3	57.5	68.5	65.6	65.6
22	64.1	60.4	57.7	53.9	51.3	44.2	47.2	48.8	54.4	56.1	62.2	58.6	64.1
23	63.3	62.0	57.7	54.9	50.2	50.0	45.7	49.0	54.8	54.8	58.0	62.0	63.3
24	65.4	61.5	63.1	52.5	49.7	48.8	49.8	48.3	53.4	58.0	64.0	59.6	65.4
25	62.1	63.9	57.6	54.7	50.4	47.0	47.0	49.0	54.3	57.5	68.5	65.6	65.6
26	63.8	59.2	58.4	58.8	51.9	49.0	45.3	46.0	56.8	57.4	67.4	64.4	63.8
27	62.8	63.8	60.8	57.7	51.8	47.5	44.0	50.2	53.6	56.0	68.4	61.2	62.8
28	65.6	63.7	60.2	56.0	48.8	49.1	45.2	46.8	54.5	58.0	63.8	64.5	65.6
29	65.4	63.6	62.7	64.8	52.1	46.3	47.0	47.3	55.1	55.9	60.0	67.8	62.8
30	62.7	63.5	65.4	55.5	53.1	48.4	45.0	48.1	54.3	57.5	68.5	65.6	65.6
31	65.9	64.4	68.0	53.0	49.5	44.8	46.8	49.8	58.1	59.9	61.6	67.8	65.9
32	62.0	63.5	56.4	50.9	54.5	45.3	44.0	52.2	54.5	54.4	63.2	63.0	65.1
33	64.9	62.2	61.1	55.1	51.6	47.5	47.5	51.7	50.4	53.7	60.0	65.1	62.8
34	65.3	62.2	61.1	56.0	51.3	47.5	53.7	53.6	57.5	60.3	62.6	63.9	65.3
35	64.5	63.5	62.8	58.6	50.7	46.9	46.0	46.0	54.9	57.5	61.1	65.3	65.3
36	62.3	66.7	68.0	59.8	53.7	48.8	49.2	52.7	54.7	57.2	61.6	60.6	64.7
37	62.7	60.3	58.0	52.7	50.2	50.8	48.1	50.7	53.9	60.0	64.4	65.1	67.7
1900	43.5	40.9	36.0	30.9	31.5	38.0	30.0	34.1	35.9	41.3	30.0	48.5	30.0
10	37.9	41.7	35.7	34.4	36.0	39.4	37.8	39.4	34.8	40.3	39.9	44.4	37.8
11	33.5	37.4	37.3	35.2	35.9	39.4	35.1	35.6	39.9	40.1	34.2	39.5	35.1
12	43.5	38.0	32.3	34.6	37.6	33.3	34.7	36.0	37.7	38.1	37.7	47.4	37.6
13	44.2	37.3	38.3	33.6	39.6	39.8	34.9	36.1	39.3	44.4	34.8	43.6	36.6
14	40.2	44.4	33.3	27.3	29.7	36.6	38.5	37.1	37.5	40.7	37.7	36.3	27.3
15	44.4	35.4	39.3	31.3	31.1	33.1	38.2	35.9	34.8	39.6	41.5	37.9	43.7
16	44.2	42.9	38.9	38.6	30.3	33.5	35.4	34.8	38.1	40.9	41.5	41.7	38.3
17	40.9	36.8	40.9	34.4	34.5	38.0	36.1	30.4	33.1	40.4	46.8	38.8	38.0
18	43.4	37.4	40.0	30.9	38.0	30.1	34.8	39.7	33.4	40.4	44.2	38.2	30.1
19	48.7	38.8	31.0	28.0	30.8	32.7	37.8	37.8	34.3	37.4	39.3	42.4	38.9
20	43.9	49.2	43.3	35.3	37.6	28.4	34.5	37.6	39.4	39.4	39.4	43.7	38.4
21	40.0	31.2	28.2	31.2	35.6	36.1	37.7	37.6	38.2	40.1	40.3	31.8	31.8
22	48.0	41.7	36.3	29.6	37.2	31.0	32.8	34.8	34.9	38.0	38.3	41.9	37.2
23	39.6	40.3	38.5	33.9	39.1	30.3	31.0	30.8	30.5	35.8	40.9	40.5	39.1
24	43.8	40.0	40.0	34.9	35.7	25.0	37.2	35.7	35.7	38.6	34.1	34.4	34.1
25	45.1	41.2	39.9	38.1	33.8	31.8	37.1	37.1	35.7	40.8	37.1	36.4	31.8
26	44.4	37.3	34.7	26.9	30.3	32.8	38.0	38.0	37.3	38.8	39.2	38.4	34.9
27	42.0	44.1	40.7	39.1	34.1	34.6	31.3	30.2	34.1	31.9	30.1	43.9	42.0
28	44.2	35.8	34.3	33.8	31.8	32.7	31.3	37.0	35.0	36.7	38.8	41.6	30.7
29	38.8	44.4	24.0	28.0	35.4	30.2	26.7	26.7	28.2	40.1	40.2	42.2	38.0
30	46.7	40.8	29.8	22.7	22.7	30.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
31	43.4	42.9	37.9	27.0	30.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

235

RESTRICTED

STAT

STAT

RESTRICTED

Harbin

哈 爾 濱

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temperature

Mean maximum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1932	35.0	42.6	36.5	38.1	38.4	35.8	34.7	34.9	44.0	37.3	38.1	45.4	38.4
33	45.7	48.7	40.5	37.7	38.5	35.5	34.0	33.7	43.8	37.1	40.5	48.0	38.1
34	50.4	47.4	38.5	38.7	35.5	34.1	34.1	34.1	39.5	35.5	40.8	48.8	38.1
35	46.7	48.0	48.5	38.5	34.1	34.1	34.9	34.1	39.5	35.5	40.8	48.8	38.1
37	43.5	38.7	39.1	38.5	38.9	37.4	38.9	34.7	39.5	39.5	39.5	48.8	38.1
38	44.8	39.6	39.8	39.5	35.3	34.4	34.3	34.9	34.1	37.3	37.9	48.8	35.3
海平面 1931	70.8	72.4	64.5	60.3	58.1	54.4	55.8	56.9	68.8	64.7	69.1	72.3	63.8
平均 33	48.3	47.5	42.4	41.1	41.6	35.7	33.1	33.5	43.8	38.8	44.8	44.1	35.5
34	72.5	67.1	65.2	59.7	54.4	53.9	55.5	54.9	64.6	64.8	68.0	68.0	63.0
35	72.8	68.4	61.3	59.5	55.3	54.0	54.1	54.1	64.0	62.8	68.8	68.8	61.8
36	69.6	68.9	67.0	59.1	55.6	53.1	53.8	54.0	62.7	62.7	66.9	66.9	60.9
37	69.5	68.4	64.3	59.6	54.7	57.0	51.0	57.4	64.1	64.6	65.3	61.8	61.8
38	70.3	65.4	62.7	64.8	53.4	54.6	59.9	55.7	68.7	68.8	64.3	69.3	60.5
39	71.3	70.6	63.5	60.1	55.7	50.9	54.0	58.3	67.8	64.0	64.7	68.8	61.4
平均 1909	-18.0	-15.0	-9.0	3.7	14.4	17.5	22.9	22.2	13.4	4.8	-5.5	-18.7	2.7
10	-22.3	-18.3	-8.3	0.5	14.8	18.5	23.1	20.4	12.0	6.7	-6.5	-19.3	3.4
11	-20.5	-18.8	-6.6	3.4	12.8	18.3	21.5	21.0	14.9	5.1	-3.4	-17.0	2.8
12	-16.8	-11.1	-5.7	5.7	12.0	19.0	21.8	20.9	13.7	3.7	-10.1	-18.3	2.6
13	-19.8	-15.6	-7.0	7.0	13.7	18.0	21.0	21.3	13.7	4.7	-5.9	-15.9	3.9
14	-14.9	-11.5	-5.1	7.5	15.7	20.3	21.9	22.2	14.7	7.2	-11.2	-18.1	3.8
15	-25.5	-19.5	-12.0	1.9	11.8	18.8	23.1	20.8	14.1	4.8	-4.8	-14.0	1.8
16	-18.3	-15.3	-9.5	3.4	12.8	19.0	23.2	23.1	13.1	6.4	-3.9	-16.7	3.2
17	-23.0	-16.3	-5.1	3.4	11.7	21.6	23.6	21.8	14.6	5.1	-11.8	-19.4	2.4
18	-21.8	-15.3	-3.8	6.3	13.8	19.2	22.4	20.8	14.6	5.6	-7.4	-17.7	3.1
19	-22.6	-12.2	-5.0	4.0	12.3	19.0	27.4	22.9	15.5	6.2	-6.5	-17.1	3.7
20	-17.7	-11.1	-1.9	8.5	16.9	19.1	24.8	21.8	13.5	5.9	-6.7	-17.4	3.7
21	-17.3	-13.9	-5.9	6.1	15.6	22.2	23.4	22.4	14.7	5.3	-9.2	-16.4	3.9
22	-27.5	-13.0	-7.5	7.8	13.0	20.8	22.6	20.5	13.5	7.2	-11.6	-17.7	2.3
23	-21.3	-15.9	-3.1	4.7	12.9	18.9	23.1	21.4	13.3	4.3	-9.6	-16.8	2.8
24	-21.0	-18.9	-7.9	3.9	13.2	22.4	24.0	21.7	15.0	4.8	-7.1	-16.9	2.7
25	-21.3	-18.1	-6.5	8.2	14.8	22.2	23.4	21.4	15.2	6.5	-6.6	-15.4	3.9
26	-18.9	-13.5	-6.9	4.1	17.4	20.5	24.2	23.8	15.8	3.5	-7.0	-19.4	3.4
27	-19.6	-16.6	-6.5	7.5	11.9	20.8	23.8	21.0	15.4	5.3	-5.3	-16.9	3.4
28	-19.8	-16.0	-4.0	6.5	12.7	19.1	23.0	22.4	15.2	5.3	-8.1	-17.4	3.4
29	-21.0	-18.3	-4.8	5.1	14.4	19.8	23.6	20.7	12.6	6.0	-4.6	-15.4	3.1
30	-19.1	-13.6	-2.2	7.1	14.4	19.4	24.0	21.5	14.9	4.9	-9.6	-18.8	3.7
31	-23.8	-22.6	-6.4	3.8	12.3	18.8	22.8	22.1	15.3	6.1	-7.7	-18.1	2.4
32	-13.4	-14.6	-6.4	5.5	13.3	20.4	23.3	20.1	15.8	6.9	-3.7	-12.2	4.6
33	-19.0	-17.3	-8.8	5.0	15.4	20.1	24.2	21.3	14.4	4.5	-5.9	-13.5	3.7
34	-19.9	-11.9	-7.6	3.9	15.8	20.2	20.8	20.7	13.5	5.3	-4.1	-10.0	3.9
35	-22.4	-19.5	-8.2	5.1	13.0	19.6	22.8	21.8	15.4	6.2	-7.4	-15.1	2.4
36	-18.9	-15.2	-2.5	5.4	12.8	20.1	23.1	22.1	14.8	4.5	-1.3	-20.7	2.8
37	-21.8	-16.7	-1.0	7.2	13.7	20.5	24.0	21.9	14.8	7.1	-4.5	-20.1	3.8
38	-22.7	-15.5	-3.2	7.8	14.9	18.4	24.7	24.1	14.2	5.5	-4.1	-13.9	3.9
39	-21.1	-14.6	-4.0	5.7	12.7	18.7	23.2	19.7	15.3	6.0	-4.3	-16.3	3.7
40	-21.1	-14.6	-4.0	5.7	12.7	18.7	23.2	19.7	15.3	6.0	-4.3	-16.3	3.7
平均 1909	-11.4	-7.5	-2.1	10.2	21.5	23.8	28.5	25.2	20.6	20.7	15	-14.2	2.1
10	-17.0	-12.0	-6.0	10.0	21.0	24.0	28.0	25.0	20.0	20.0	14	-11.4	2.2
11	-15.1	-10.8	-5.3	11.4	20.4	24.8	28.8	25.5	20.1	20.9	14	-11.4	2.2
12	-10.1	-4.7	0.7	11.7	17.8	24.7	27.7	25.1	18.1	22.4	14	-11.4	2.2
13	-12.7	-8.8	0.1	13.5	20.1	23.8	28.2	25.7	19.9	16.4	6.4	-10.6	2.1
14	-2.6	-3.7	0.9	14.6	22.1	27.7	24.8	27.4	20.1	13.3	-4.1	-14.6	2.8
15	-12.2	-7.1	0.0	12.0	20.0	25.8	27.4	25.1	19.2	20.3	-2.4	-12.2	2.1
16	-12.2	-7.1	0.0	12.0	20.0	25.8	27.4	25.1	19.2	20.3	-2.4	-12.2	2.1
17	-12.2	-7.1	0.0	12.0	20.0	25.8	27.4	25.1	19.2	20.3	-2.4	-12.2	2.1
18	-12.2	-7.1	0.0	12.0	20.0	25.8	27.4	25.1	19.2	20.3	-2.4	-12.2	2.1
19	-12.2	-7.1	0.0	12.0	20.0	25.8	27.4	25.1	19.2	20.3	-2.4	-12.2	2.1
20	-12.2	-7.1	0.0	12.0	20.0	25.8	27.4	25.1	19.2	20.3	-2.4	-12.2	2.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

236

RESTRICTED

STAT

866

Harbin

RESTRICTED

哈 爾 濱

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	-16.9	-6.7	1.5	9.4	18.8	24.4	25.5	29.1	25.5	18.1	-0.5	-10.9	9.9
20	-11.9	-13.7	4.9	15.7	23.1	25.3	28.8	27.6	18.6	15.4	-0.8	-11.7	10.1
21	-10.8	-6.4	-0.9	18.5	24.4	28.0	29.8	27.9	21.1	11.8	-4.8	-11.0	10.8
22	-11.5	-8.0	-2.8	14.3	18.0	25.9	27.8	25.8	20.0	13.8	-5.9	-12.5	8.8
23	-14.6	-8.9	3.8	10.7	21.2	24.6	29.1	27.8	19.5	10.1	-4.7	-11.8	8.8
24	-15.4	-12.1	-1.8	8.9	19.1	20.1	20.3	27.6	22.6	11.1	-1.6	-11.8	8.8
25	-14.7	-10.5	-0.3	15.3	21.0	28.9	29.1	27.4	21.7	14.0	1.8	-10.8	10.3
26	-12.3	-8.8	0.1	10.8	23.8	27.9	29.7	27.5	22.0	9.3	-1.5	-14.0	9.8
27	-13.3	-9.5	0.1	14.2	17.9	26.5	29.5	27.4	22.7	10.9	-0.3	-11.4	9.6
28	-14.8	-9.8	1.5	13.8	18.8	24.9	28.1	27.7	22.1	11.7	-1.3	-11.7	9.4
29	-14.7	-11.7	2.0	11.9	20.8	25.8	28.8	25.8	19.8	12.5	2.1	-9.4	9.4
30	-12.8	-7.0	4.9	14.0	20.4	25.0	28.4	26.0	21.3	23.8	-1.2	-14.0	9.7
31	-17.3	-16.1	-0.7	8.7	17.9	19.9	22.1	27.3	21.8	15.0	2.8	-10.3	8.2
32	-6.5	-7.1	-0.5	12.2	19.1	28.0	27.3	24.7	21.5	13.3	1.6	-6.7	10.3
33	-13.3	-10.8	0.3	11.0	22.7	27.5	30.8	27.3	21.9	13.9	0.1	-7.9	10.3
34	-13.2	-6.2	-1.1	10.8	23.2	26.7	25.9	27.1	19.8	11.9	1.6	-3.7	10.4
35	-10.9	-12.5	-1.4	11.3	18.7	25.3	27.0	26.6	21.1	10.9	-4.3	-9.7	8.2
36	-12.9	-8.6	-3.3	11.4	18.7	25.7	29.0	27.3	21.2	12.6	0.3	-15.4	8.8
37	-15.7	-10.8	6.0	14.8	19.3	26.5	28.8	26.4	19.5	13.1	-1.0	-14.7	9.4
38	-18.5	-7.4	3.0	15.3	21.1	24.3	29.7	30.3	26.0	12.8	-0.2	-7.2	10.4
39	-15.4	-7.4	3.2	12.7	--	25.0	29.0	25.5	22.1	13.2	-1.0	-10.8	--
40	--	--	--	--	--	--	--	--	--	--	--	--	--
1909	-23.7	-21.6	-15.1	-3.2	6.4	11.2	17.5	16.5	7.2	-1.0	-11.9	-25.8	-5.5
10	-27.3	-24.4	-14.5	0.6	7.3	12.9	18.1	16.3	7.7	1.1	-11.4	-24.8	-5.3
11	-26.3	-22.4	-14.5	-0.8	6.8	13.2	17.0	16.1	7.0	0.0	-7.7	-22.1	-5.1
12	-22.3	-17.3	-11.9	-0.1	6.1	12.4	16.9	16.5	6.4	-3.5	-14.8	-23.3	-5.2
13	-25.5	-21.7	-13.7	0.6	5.9	12.3	15.9	15.4	8.3	-1.2	-11.5	-21.2	-5.0
14	-21.3	-18.2	-11.1	-0.3	7.7	14.5	17.1	17.4	9.8	1.9	-15.4	-24.7	-5.0
15	-20.7	-25.0	-17.7	-1.8	6.9	13.1	18.3	17.1	8.9	0.1	-8.8	-19.7	-5.3
16	-23.9	-21.3	-15.8	-2.4	6.3	12.9	17.9	18.6	7.0	0.8	-8.5	-21.8	-5.5
17	-22.2	-22.9	-11.7	-1.4	4.9	14.1	18.9	17.6	8.7	0.0	-17.0	-23.4	-5.4
18	-27.3	-21.3	-8.5	-0.1	6.9	13.5	17.6	16.0	9.7	-0.1	-12.4	-23.3	-5.4
19	-27.7	-18.2	-11.3	-1.2	4.9	12.5	20.7	17.0	8.8	0.9	-12.2	-23.1	-5.4
20	-23.5	-27.7	-8.6	1.0	8.7	12.9	19.3	16.0	6.4	-0.9	-12.5	-23.4	-5.7
21	-23.5	-21.1	-13.9	-0.5	7.3	14.2	17.7	17.4	8.8	0.6	-12.2	-22.2	-5.4
22	-23.3	-19.0	-13.0	0.6	6.5	14.1	18.1	15.3	7.8	1.5	-16.8	-23.3	-5.3
23	-27.0	-22.1	-9.0	-1.9	7.6	13.4	17.5	16.3	7.4	-0.3	-14.3	-22.6	-5.0
24	-26.4	-24.9	-13.8	-0.8	6.8	14.7	19.2	17.3	8.3	-1.7	-11.8	-22.1	-5.9
25	-26.8	-24.7	-22.3	1.0	8.6	14.6	18.8	18.1	9.8	-0.1	-9.9	-20.4	-5.2
26	-24.6	-20.0	-13.0	-2.6	9.9	12.7	18.1	17.0	11.0	-0.4	-11.5	-24.4	-5.3
27	-25.6	-23.0	-12.5	0.9	5.7	12.3	18.3	14.9	8.9	0.2	-10.1	-21.7	-5.7
28	-25.2	-22.0	-9.3	-0.8	6.0	12.5	17.9	18.2	9.4	-0.2	-10.8	-22.4	-5.2
29	-26.7	-24.4	-11.0	-2.3	7.9	13.1	18.6	16.4	7.1	0.7	-10.2	-20.8	-5.6
30	-25.1	-20.0	-7.9	-0.2	7.8	12.9	18.4	17.3	9.7	1.3	-12.8	-24.0	-5.9
31	-20.0	-28.4	-22.4	-1.4	5.9	13.1	16.7	17.8	10.8	0.4	-2.1	-21.5	-5.2
32	-14.3	-21.2	-13.2	-0.6	7.3	14.9	19.4	18.0	10.5	2.6	-2.8	-17.0	-5.8
33	-23.9	-22.2	-12.8	-0.5	8.9	14.4	19.5	18.4	8.2	-0.3	-11.3	-19.5	-5.1
34	-22.0	-21.3	-16.4	-4.1	8.3	13.7	15.0	14.1	6.4	-2.0	-11.8	-22.4	-5.6
35	-27.1	-25.3	-14.8	-2.9	8.9	13.8	17.9	16.9	11.1	0.1	-12.2	-22.2	-5.3
36	-21.3	-21.4	-13.9	-0.6	6.5	14.4	17.9	17.0	9.1	1.4	-10.2	-21.2	-5.2
37	-26.4	-22.8	-2.1	-0.2	7.1	14.9	18.2	17.7	9.4	1.2	-11.2	-22.9	-5.9
38	-22.5	-22.5	-2.0	0.4	6.8	13.4	20.7	18.5	9.4	-0.8	-11.8	-19.3	-5.9
39	--	--	--	--	--	--	--	--	--	--	--	--	--
40	-25.7	-21.1	-11.9	-1.3	--	13.0	18.4	14.9	9.7	-0.1	-10.2	-21.5	--
1909	-0.1	-0.1	13.4	22.4	20.4	23.1	22.4	22.0	24.5	17.1	14.5	-4.6	23.1
10	-2.4	-2.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	-7.3	22.0
11	-2.1	0.1	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	-2.7	22.0
12	-2.1	4.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	-2.7	22.0
13	-2.4	0.4	16.5	22.1	24.4	20.3	21.4	24.8	22.1	22.1	22.1	-2.1	22.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

358

Harbin

RESTRICTED

哈 爾 濱

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
冰霜压力 1931	0.8	0.8	2.6	4.8	6.4	11.1	13.9	14.4	9.7	4.8	2.5	1.1	6.0
32	—	—	1.8	3.8	5.4	10.8	13.4	13.7	8.9	5.5	3.8	1.5	—
33	0.8	0.9	1.2	3.8	5.2	10.8	13.2	14.1	8.7	4.8	2.8	1.8	5.0
34	0.7	1.3	1.6	3.8	5.0	12.8	14.9	14.4	8.7	4.8	2.8	1.8	5.1
35	0.8	0.9	2.1	3.8	5.3	11.8	15.5	15.7	10.1	4.8	2.1	1.8	6.1
37	0.8	1.8	1.6	4.0	5.9	11.3	15.8	15.3	9.8	5.3	2.3	0.8	6.1
38	0.8	1.2	1.8	4.1	7.3	12.0	17.0	15.4	8.1	5.5	2.3	0.9	5.5
39	0.7	1.3	2.4	4.8	6.3	11.5	16.8	15.8	9.8	5.3	2.2	1.4	6.4
平均湿度 1931	85	86	83	71	61	60	70	75	76	65	66	77	74
32	71	73	84	78	71	73	75	79	77	72	68	74	71
33	72	71	82	75	64	64	73	78	70	67	69	73	69
34	75	83	75	59	59	71	79	75	78	67	74	80	73
35	75	83	75	59	59	71	79	75	78	67	74	80	73
37	70	74	64	60	56	66	74	78	74	71	66	84	71
38	88	87	64	58	52	68	78	80	77	69	77	85	80
39	86	80	64	58	58	74	79	80	70	61	80	85	80
40	80	78	62	53	53	74	80	80	72	61	80	87	71
最小湿度 1931	74	68	44	38	33	31	30	35	33	33	35	50	33
32	35	39	19	22	20	24	10	43	36	34	35	48	37
33	40	40	26	21	19	27	28	37	38	35	35	38	32
34	36	38	43	21	21	33	35	34	38	33	30	49	31
35	38	38	43	21	21	33	35	34	38	33	30	49	31
37	35	39	28	22	22	27	30	41	37	34	28	41	32
38	67	50	23	22	23	25	43	41	40	31	34	43	32
39	57	43	22	18	24	26	28	34	33	28	27	40	18
平均湿度 1909	2.6	3.9	4.0	5.7	6.4	5.8	6.9	6.8	4.4	2.8	6.1	5.3	5.3
10	2.6	3.1	2.8	5.3	7.1	5.3	7.8	7.4	4.9	2.8	4.0	3.7	5.5
11	2.9	3.4	2.5	6.9	7.7	6.4	7.3	7.8	5.8	2.8	5.5	3.8	5.4
12	3.3	4.9	5.3	7.0	8.5	7.8	7.6	8.6	4.7	2.0	6.5	5.1	5.9
13	2.8	4.8	4.5	6.4	5.7	7.0	5.9	5.4	6.3	4.8	4.5	4.8	5.1
14	4.4	4.8	5.7	5.0	6.6	7.5	7.1	8.5	6.8	5.8	3.3	3.7	3.7
15	4.4	5.1	6.8	7.5	7.9	7.8	7.8	8.3	4.8	5.7	4.8	4.8	5.8
16	4.0	4.8	4.5	6.1	7.5	7.8	7.3	8.4	5.3	4.8	4.8	5.8	5.8
17	3.4	4.1	5.0	6.7	7.0	6.4	7.8	6.7	5.9	5.1	7.1	5.8	5.8
18	3.1	3.8	5.4	6.3	5.8	6.0	6.1	5.9	5.4	4.8	5.5	6.9	6.9
19	2.7	3.3	4.0	5.5	5.7	6.5	3.4	4.5	3.5	3.8	3.8	2.8	4.5
20	3.9	3.8	3.5	5.3	5.1	7.0	8.0	5.8	4.3	3.8	4.9	3.8	4.7
21	2.5	3.4	3.9	4.5	5.1	5.1	8.6	5.9	4.8	5.0	4.3	3.8	4.3
22	1.4	1.0	1.3	1.5	1.3	1.3	7.0	5.7	4.1	4.5	3.5	3.8	3.8
23	2.3	4.6	4.0	5.8	6.3	6.7	5.7	5.8	5.0	5.1	5.0	3.1	5.0
24	4.3	3.7	4.7	7.1	5.9	5.5	7.3	6.1	5.9	5.5	5.5	2.2	5.0
25	3.1	3.8	4.9	4.1	4.5	5.4	6.8	5.9	5.8	5.8	5.8	4.8	4.9
26	3.4	3.8	4.8	6.8	6.6	8.2	8.8	8.3	5.3	5.0	5.8	3.8	4.8
27	2.1	2.1	4.7	5.8	6.1	6.3	6.7	6.7	4.7	4.7	5.8	3.8	4.1
28	4.5	3.5	3.2	4.0	6.4	6.5	6.8	7.3	4.8	4.8	5.1	3.9	5.1
29	2.4	3.8	4.4	4.7	4.7	6.6	7.1	6.1	5.1	5.5	3.4	3.4	4.8
30	1.7	4.3	3.5	4.3	6.0	6.8	6.3	6.9	1.8	3.3	3.7	4.3	4.8
31	4.0	3.3	4.3	3.8	6.5	6.5	8.4	7.1	5.7	4.8	5.3	4.4	4.9
32	2.9	3.4	4.1	3.4	6.7	6.4	8.3	7.1	4.8	4.8	3.7	3.9	3.9
33	1.8	2.8	3.8	3.4	5.9	6.0	5.8	5.8	3.8	3.7	3.9	3.4	4.4
34	2.8	2.6	4.7	4.9	5.1	7.1	6.9	5.4	5.8	5.8	3.4	1.7	4.4
35	4.1	3.8	4.8	4.9	7.8	6.4	8.3	7.4	6.8	6.8	4.9	3.8	5.1
36	2.8	2.8	4.8	4.8	7.3	7.3	8.8	7.8	6.8	6.8	4.8	3.8	4.8
37	2.6	2.6	4.7	4.7	7.0	7.0	7.7	7.7	7.7	5.7	5.7	3.7	4.7
38	2.6	2.6	4.7	4.7	7.0	7.0	7.7	7.7	7.7	5.7	5.7	3.7	4.7
39	2.6	2.6	4.7	4.7	7.0	7.0	7.7	7.7	7.7	5.7	5.7	3.7	4.7
40	2.6	2.6	4.7	4.7	7.0	7.0	7.7	7.7	7.7	5.7	5.7	3.7	4.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

STAT

RESTRICTED

Harbin

哈 爾 濱

Mean wind velocity

Maximum wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
平均風速	3.8	4.6	5.4	6.8	4.8	3.9	3.9	3.0	4.3	4.8	5.9	3.4	4.3
10	3.9	3.5	4.4	3.4	4.4	4.3	3.8	3.8	3.0	4.3	4.3	3.0	4.0
11	4.4	5.1	4.2	6.0	3.4	3.9	3.0	4.0	4.3	4.3	4.3	4.3	4.3
12	4.0	4.5	4.7	3.8	3.4	3.8	3.9	3.8	4.3	4.8	4.4	3.8	4.3
13	3.6	6.7	3.7	7.9	6.3	4.8	4.7	4.9	3.9	3.6	7.8	3.9	6.0
14	6.3	4.2	9.4	7.1	7.6	3.6	3.0	3.7	3.5	4.5	4.8	3.6	6.3
15	3.4	6.8	3.8	6.3	6.3	4.0	3.8	3.1	4.4	5.7	6.8	6.3	6.0
16	3.9	3.5	4.4	3.4	4.4	4.3	3.8	3.8	3.0	4.3	4.3	3.0	4.0
17	3.5	3.8	6.3	6.7	3.8	3.3	4.9	4.4	3.1	3.8	4.1	3.8	3.8
18	3.5	3.8	3.9	3.9	4.8	4.4	4.0	3.9	3.8	3.5	3.5	3.5	3.5
19	3.8	6.3	6.0	6.8	7.4	3.1	4.5	3.5	4.8	6.9	6.3	4.9	3.9
20	4.9	4.4	7.5	6.8	3.7	3.6	4.9	3.4	4.3	3.3	3.7	3.9	3.5
21	6.1	3.3	3.6	9.1	7.5	3.0	4.5	4.3	4.8	4.4	3.6	3.8	3.8
22	3.3	3.0	3.5	3.1	6.2	3.9	4.4	3.5	3.9	3.1	6.1	4.9	3.5
23	6.3	3.0	7.4	7.3	7.0	3.3	3.4	4.3	3.0	4.5	3.9	3.9	3.5
24	3.6	3.4	4.8	8.2	3.3	3.3	4.5	4.5	3.0	6.8	3.7	3.8	3.7
25	4.0	4.9	3.1	7.0	3.5	3.4	4.9	3.8	4.6	3.8	6.0	3.0	3.0
26	3.5	6.3	4.9	3.7	7.0	3.9	4.3	4.0	4.4	3.9	4.1	3.3	3.3
27	3.5	4.7	3.4	6.4	3.4	3.4	4.4	4.5	3.9	3.4	4.4	3.8	3.8
28	4.7	3.9	3.5	6.7	6.7	3.3	4.7	3.5	6.1	6.0	3.9	4.7	3.3
29	3.8	3.3	6.3	6.4	6.8	3.4	3.1	4.1	4.1	6.0	6.3	6.0	3.5
30	3.8	4.7	6.0	7.4	7.5	4.9	3.4	3.9	4.8	6.4	6.3	3.3	3.8
31	3.7	4.9	6.8	6.8	6.3	4.8	4.8	3.9	3.4	6.3	3.5	4.9	3.4
32	6.8	4.0	6.1	6.4	7.2	3.4	4.7	4.3	3.3	3.3	6.6	3.3	3.3
33	3.5	3.7	3.3	3.9	3.8	3.8	3.4	3.4	3.0	1.5	3.4	3.1	3.6
34	1.7	2.3	2.4	3.2	2.5	1.9	1.9	2.1	2.8	3.4	3.7	3.3	2.5
35	3.3	2.6	3.4	3.0	3.9	4.0	3.2	2.6	3.9	4.5	3.9	3.4	3.4
36	3.0	3.5	3.5	3.3	4.3	3.6	3.6	3.4	3.3	4.3	4.4	3.8	3.8
37	3.4	3.1	3.8	6.0	4.8	3.4	4.0	2.7	3.1	4.1	3.4	3.3	3.8
38	3.3	2.8	3.8	4.3	4.0	3.8	4.0	3.1	3.4	3.9	4.5	3.9	3.7
最大風速	9.9	6.8	11.1	11.4	13.0	7.0	5.8	7.9	10.5	11.7	10.3	7.3	13.0
10	11.1	9.9	11.7	11.9	10.6	11.4	8.5	7.8	6.9	7.6	10.5	8.8	10.4
11	8.8	7.0	9.3	10.5	9.9	8.3	7.9	8.9	9.9	10.8	10.1	7.1	12.1
12	5.1	8.0	9.9	10.3	9.0	7.3	6.5	6.9	7.5	14.1	18.0	11.9	14.1
13	8.3	3.9	11.7	13.3	13.0	13.8	13.3	11.3	8.0	18.4	9.9	13.0	13.0
14	18.8	15.7	18.3	22.3	15.8	13.3	11.3	10.8	13.0	14.1	14.3	8.3	18.3
15	9.3	8.3	18.9	13.8	18.3	14.7	10.9	11.6	9.3	12.3	12.3	8.4	18.3
16	10.3	12.3	15.0	13.0	13.3	9.6	12.3	8.4	11.0	13.9	12.3	13.7	13.7
降水量	1.3	3.3	26.1	4.9	18.9	101.1	109.3	64.8	37.9	64.8	23.1	33.3	264.0
10	1.1	1.8	10.4	12.0	6.4	102.1	118.9	100.9	100.9	100.9	14.3	3.3	264.0
11	13.8	3.1	19.3	38.8	38.1	98.8	134.7	135.3	61.8	9.8	13.4	1.3	677.0
12	6.5	18.4	13.3	6.1	77.7	167.4	150.1	108.3	4.8	19.8	20.8	6.9	397.3
13	2.6	8.9	11.3	9.4	31.1	88.3	147.1	73.7	63.5	23.3	3.4	3.8	601.3
14	1.8	0.1	13.1	4.8	17.3	128.1	109.3	77.7	18.7	33.3	64.0	4.9	691.1
15	3.9	10.3	7.0	78.8	70.8	73.9	193.3	133.3	100.9	23.3	3.3	3.3	1001.1
16	7.7	4.4	8.3	38.3	48.8	48.8	133.3	181.1	43.4	100.9	3.7	4.8	1001.1
17	4.0	1.4	1.7	14.3	1.8	134.7	134.7	100.9	118.4	64.0	7.3	10.8	100.0
18	1.3	0.7	3.8	20.8	47.8	121.8	108.4	108.9	107.3	30.1	6.5	6.1	1001.7
19	3.0	3.3	3.1	33.1	41.4	64.4	110.4	64.4	10.3	4.1	1.3	1.3	1001.4
20	7.1	3.4	8.0	33.0	24.3	109.9	13.8	49.1	23.7	100.9	10.3	3.1	1001.4
21	8.1	6.9	10.9	8.8	68.3	33.7	133.8	111.3	100.9	100.9	10.3	3.0	1001.4
22	3.3	18.0	14.6	8.4	103.0	100.4	174.8	14.1	64.0	14.8	11.3	3.0	1001.4
23	1.8	7.0	31.9	8.4	18.3	137.9	71.6	107.1	13.1	10.9	10.3	3.0	1001.4
24	3.8	3.4	13.8	33.3	33.8	31.8	171.7	91.1	88.1	100.9	10.3	10.3	1001.4
25	0.7	1.7	14.2	14.1	30.8	64.8	100.9	100.9	100.9	100.9	10.3	10.3	1001.4
26	2.2	3.1	7.1	10.1	47.0	123.0	137.1	137.1	137.1	137.1	137.1	137.1	137.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

860

Harbin
哈 爾 濱

RESTRICTED

Rainfall

Maximum
rainfall
per day

Insolation
capacity
(in hours)

Percentage
of insola-
tion capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1927	0.7	1.5	14.6	30.5	45.8	48.8	144.3	272.8	497.7	621.1	99.8	28.8	1251.1
28	12.5	15.0	8.9	30.9	11.8	253.8	117.8	136.8	372.0	440.0	123.1	6.6	2487.9
29	9.1	10.4	0.8	3.0	55.5	201.0	225.1	201.4	27.4	13.4	3.5	7.0	825.0
30	0.4	8.1	7.3	18.5	20.7	18.0	220.7	166.7	70.9	25.4	37.0	5.3	825.3
31	12.8	4.0	19.7	34.9	45.5	75.3	59.8	211.5	84.7	15.0	2.0	4.7	1451.1
32	3.1	5.5	10.7	16.1	88.0	109.4	513.0	187.1	55.6	61.8	1.3	5.8	1041.0
33	2.0	3.1	3.8	38.8	20.4	95.3	54.8	74.6	19.8	33.0	8.5	5.7	312.0
34	3.6	3.6	12.1	38.3	95.4	37.5	212.4	122.7	24.9	20.6	0.8	5.1	706.3
35	3.0	2.8	12.0	8.1	30.8	112.3	121.1	122.7	24.9	20.6	0.8	5.1	706.3
36	6.1	0.8	7.8	61.0	15.5	102.9	121.1	122.7	24.9	20.6	0.8	5.1	706.3
37	5.4	8.0	3.8	23.6	72.0	125.4	120.7	153.3	64.5	47.9	3.6	5.3	645.3
38	4.3	1.7	4.3	11.7	25.9	118.7	124.4	26.8	28.0	8.3	10.1	3.7	411.3
39	5.5	0.8	19.5	18.6	—	160.5	225.9	229.9	31.5	10.3	34.1	5.0	—
40	5.5	0.8	19.5	18.6	—	160.5	225.9	229.9	31.5	10.3	34.1	5.0	—
1929	0.5	2.6	11.3	2.4	6.3	30.4	54.3	6.0	24.3	5.9	12.1	7.7	243.3
最大日量	2.1	1.6	5.8	9.9	14.8	30.4	54.3	6.0	24.3	5.9	12.1	7.7	243.3
11	5.0	1.4	8.4	20.4	11.0	15.8	23.8	23.5	7.3	4.6	0.5	5.3	53.3
12	0.8	5.7	8.7	2.3	25.8	20.4	24.4	11.0	11.0	4.8	0.5	5.0	50.4
13	1.0	4.5	14.9	6.0	15.3	17.3	19.7	32.1	17.5	19.7	3.4	1.0	38.3
14	0.8	0.1	5.3	3.6	12.1	23.7	146.5	46.3	31.2	12.6	5.1	1.7	146.5
15	1.4	4.9	2.0	25.2	14.2	37.5	53.1	29.4	24.3	17.8	4.3	1.6	243.3
16	3.5	3.5	0.9	15.0	10.1	12.3	25.7	15.7	24.1	12.8	3.7	1.4	327.7
17	1.2	1.2	1.0	7.0	4.4	37.5	54.4	24.4	22.1	2.2	3.7	2.7	246.6
18	1.0	0.3	2.2	10.6	13.4	22.9	22.1	22.9	22.9	22.9	22.9	22.9	22.9
19	2.1	1.7	2.8	13.1	10.5	27.8	42.2	16.7	4.3	13.7	2.6	1.3	22.2
20	4.9	3.6	1.5	7.3	16.5	03.0	10.9	12.7	12.1	10.7	5.0	2.0	62.0
21	1.0	0.4	7.8	5.8	7.8	13.9	24.4	35.3	27.9	8.2	15.2	1.5	35.3
22	1.9	4.8	3.7	4.8	24.0	23.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7
23	0.8	2.6	13.1	0.7	18.6	33.1	22.8	24.4	11.7	15.5	14.2	3.4	24.4
24	2.3	2.6	9.1	19.1	14.8	12.2	37.5	31.7	8.4	15.3	6.6	4.9	37.5
25	0.4	1.0	5.4	6.2	18.4	22.4	31.8	22.9	17.4	16.4	4.6	1.4	32.8
26	0.9	7.2	5.1	8.0	21.0	22.4	21.8	24.5	21.9	11.1	4.1	4.4	21.8
27	0.7	0.7	8.9	5.9	9.3	17.0	37.7	73.9	35.3	27.6	2.6	1.3	73.9
28	2.9	7.1	3.0	8.1	4.5	51.6	40.7	43.8	11.0	19.5	4.9	4.1	51.6
29	4.8	5.8	0.1	3.3	14.3	34.3	54.3	58.2	6.1	7.1	2.0	6.1	54.3
30	0.4	2.9	4.8	3.9	13.9	10.0	104.8	34.3	31.3	12.0	14.5	2.1	104.8
31	5.2	2.4	11.2	30.7	15.9	22.1	22.9	22.8	19.3	7.1	1.7	3.7	22.8
32	3.0	2.8	2.8	6.3	62.0	20.4	113.2	21.8	15.9	19.8	0.7	3.1	113.2
33	1.8	1.6	2.7	18.3	10.7	24.0	22.3	19.1	7.8	14.9	2.7	2.6	22.3
34	1.7	3.6	4.0	20.0	22.0	72.6	52.1	52.8	22.0	12.0	0.2	1.9	72.6
35	0.9	1.3	4.3	3.4	8.3	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
36	5.1	0.7	2.4	29.5	11.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
37	4.8	3.6	3.0	18.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
38	1.5	1.5	1.6	4.3	10.0	30.4	75.5	24.2	14.0	5.3	7.8	2.3	75.5
39	1.0	0.5	16.8	4.8	—	53.5	25.8	113.4	14.4	7.8	14.6	2.1	—
40	1.0	0.5	16.8	4.8	—	53.5	25.8	113.4	14.4	7.8	14.6	2.1	—
日照時數	192.0	212.0	251.4	217.9	234.0	222.4	228.3	232.4	229.2	223.1	191.1	124.0	2222.0
22	220.7	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
23	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
24	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
25	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
26	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
27	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
28	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
29	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
30	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
31	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
32	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
33	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
34	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
35	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
36	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
37	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
38	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
39	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
40	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4	222.4
日照率	68	71	69	54	51	49	42	41	41	46	42	32	62
2	68	71	69	54	51	49	42	41	41	46	42	32	62
3	68	71	69	54	51	49	42	41	41	46	42	32	62

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

241

STAT

RESTRICTED

		Harbin												
		哈 爾 濱												
年		一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
Percentage of insolation capacity	1931	71	70	78	58	57	56	59	53	61	59	61	64	61
	34	67	73	88	61	57	51	51	48	54	61	65	64	57
	37	83	76	67	59	55	55	62	60	66	61	55	70	60
	39	67	65	61	47	45	44	53	60	58	75	69	70	64
Evaporative capacity	1931	15.8	13.1	34.5	80.9	152.3	140.3	108.4	144.5	101.0	100.7	54.2	17.8	1069.9
	33	---	---	74.3	136.0	218.7	222.0	130.3	141.1	109.0	65.6	48.6	27.5	---
	34	21.0	25.4	79.3	135.8	234.9	208.0	190.7	149.3	118.5	63.1	30.4	25.3	1274.4
	36	22.0	24.1	58.4	116.8	185.5	189.3	152.7	149.3	98.3	74.5	43.0	20.6	1078.9
	37	21.8	30.8	56.5	134.0	220.0	190.1	175.1	138.5	123.3	80.6	56.5	22.8	1048.3
	38	19.9	20.7	98.4	180.6	178.2	189.3	166.3	136.3	97.9	90.1	44.3	21.7	1233.7
	39	17.9	23.8	75.3	166.9	226.8	161.0	169.8	166.1	96.9	101.6	48.1	20.9	1205.1
	40	15.7	32.5	84.9	158.0	---	171.3	191.4	136.9	118.7	97.2	38.7	18.8	---
Maximum evaporative capacity per day	1931	1.0	0.8	1.9	5.8	11.3	10.6	10.0	8.9	7.6	5.6	3.4	1.0	21.2
	34	1.9	3.2	4.7	12.9	16.0	11.8	11.9	6.4	5.9	4.0	2.9	2.1	16.0
	36	1.1	1.6	3.3	7.3	12.7	10.6	11.1	9.7	7.9	6.4	3.7	3.0	1.4
	37	1.1	1.4	3.1	7.5	12.0	11.0	8.8	7.5	5.9	5.0	3.0	1.8	12.0
	38	2.0	1.8	2.7	8.2	12.3	12.1	9.8	6.4	6.0	5.5	4.4	2.1	12.8
	39	0.9	1.5	6.1	13.1	12.6	12.4	8.7	7.4	5.4	4.6	4.0	1.2	13.1
	40	1.0	2.7	3.0	11.1	14.1	8.8	9.3	10.2	6.9	5.0	4.9	1.4	14.1
Mean minimum earth temperature	1931	---	---	-15.5	-4.1	5.4	12.4	17.3	13.3	6.9	-0.3	11.0	-20.9	---
	33	-29.6	-28.6	-17.9	-4.4	5.6	10.3	16.4	13.7	5.4	-4.6	-15.3	-23.9	-6.1
	34	-32.1	-28.2	-17.7	-4.0	5.0	11.5	14.0	12.8	5.5	-4.8	-14.7	-21.3	-6.0
	36	-31.1	-28.1	-16.8	-4.1	5.8	11.5	16.1	12.2	5.7	-2.0	-14.8	-21.9	-5.4
	37	-29.3	-24.5	-15.8	-3.1	4.0	12.3	16.2	14.6	6.3	-1.0	-13.7	-22.9	-5.3
	38	-30.6	-27.0	-10.4	-2.9	5.9	12.4	17.7	15.5	6.1	-2.2	-15.6	-27.9	-4.9
	39	-32.2	-27.2	-11.2	-2.6	3.1	11.2	19.4	15.6	6.9	-4.5	-14.1	-23.3	-4.9
	40	-29.0	-21.5	-13.6	-1.5	---	11.2	18.9	15.9	7.2	-3.2	-13.4	-24.0	---
Minimum earth temperature	1931	-33.1	-31.3	-26.8	-13.1	-6.6	6.8	12.0	5.8	2.7	-5.6	-18.2	-28.1	-32.1
	33	-37.1	-37.0	-29.2	-10.8	-2.5	2.5	7.9	-0.3	-11.4	-24.7	-32.8	-32.8	-28.8
	34	-37.2	-34.0	-25.0	-12.2	-1.2	5.7	11.2	5.8	-1.6	-10.3	-29.6	-33.7	-37.8
	39	-41.0	-20.8	-18.4	-15.1	-4.9	6.1	13.6	5.3	-5.2	-14.9	-32.3	-28.9	-41.0
Mean ground level temperature	1931	-18.7	-17.4	-3.1	6.7	16.4	22.8	27.3	24.6	16.6	6.8	-2.5	-14.2	5.4
	33	---	---	-2.9	7.1	15.5	23.6	25.4	23.6	18.8	8.1	-2.3	-4.7	---
	34	-16.1	-12.6	-3.1	8.8	18.5	24.4	29.3	24.9	16.9	7.3	-1.2	-12.7	6.8
	36	-19.4	-10.6	-4.7	7.1	19.0	24.0	24.6	23.1	16.3	6.2	-2.8	-2.1	6.3
	37	-21.7	-12.1	-6.0	7.3	16.1	23.5	24.8	25.2	17.4	7.2	-2.9	-17.1	1.7
	38	-18.5	-13.3	1.0	9.2	15.3	23.8	27.1	25.8	17.4	9.0	-4.7	-17.2	2.2
	39	-20.5	-13.0	-1.3	9.9	17.8	22.1	22.1	22.8	18.3	7.0	-4.7	-22.2	6.1
	40	-19.1	-12.4	-2.1	8.0	---	22.5	22.8	23.5	18.2	7.0	-3.0	-12.9	---
Underground temperature (atm)	1931	-15.4	-14.7	-3.1	4.9	12.8	20.4	26.7	24.7	17.2	8.3	-4.4	-12.2	5.3
	33	-12.8	-13.3	-2.2	2.7	12.1	11.3	22.1	22.7	19.0	6.7	-2.2	-2.4	13.2
	34	-12.4	-13.7	-4.3	4.3	12.0	11.7	22.8	22.8	18.7	4.0	-3.7	-12.4	4.4
	36	-12.6	-12.9	-3.8	4.2	12.6	12.0	22.0	22.1	18.1	4.9	-4.9	-7.9	2.3
	38	-12.0	-14.8	-3.4	2.2	10.7	17.3	21.0	21.2	18.0	7.4	-2.2	-10.1	3.8
	37	-12.6	-11.6	-2.0	2.1	11.5	12.3	22.6	22.0	18.1	7.1	-1.3	-11.0	4.9
	39	-12.4	-12.2	-1.9	2.2	12.3	12.3	22.2	22.2	19.4	8.2	-2.1	-10.2	2.2
	40	-12.2	-12.0	-2.1	2.4	12.2	12.1	22.1	22.1	18.2	7.2	-2.1	-10.3	2.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

868

Harbin

RESTRICTED

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
地中温度 (0.5m) 1931	-13.3	-19.0	-2.8	2.3	10.5	18.5	22.6	24.8	18.3	6.7	-6.6	-18.8
32	-11.8	-15.8	-6.8	2.3	10.6	18.4	22.5	24.7	18.2	6.8	-6.5	-18.7
33	-14.8	-14.8	-6.8	2.3	10.6	18.4	22.5	24.7	18.2	6.8	-6.5	-18.7
34	-15.8	-19.0	-5.7	2.4	10.4	18.7	21.6	24.4	18.1	6.8	-6.4	-18.5
35	-15.3	-15.0	-5.3	1.8	8.4	15.8	19.6	20.9	16.7	8.1	-0.4	-18.0
37	-18.8	-10.7	-5.8	1.6	9.7	17.7	20.4	24.7	18.3	6.4	-6.6	-18.1
38	-19.5	-11.4	-5.6	4.8	10.8	18.8	22.7	24.6	18.6	6.4	-6.1	-18.5
39	-15.8	-11.5	-5.5	4.8	12.8	17.4	23.7	23.8	18.6	6.4	-6.1	-18.5
40	-14.3	-11.1	-5.0	3.6	—	17.6	23.3	21.8	17.7	8.5	0.0	-18.8
地中温度 (0.3m) 1931	-11.8	-11.7	-3.7	1.4	9.8	17.1	22.8	23.3	16.8	7.7	0.5	-8.9
32	-9.8	-10.7	-4.0	2.1	10.1	18.3	22.8	21.6	17.8	9.3	0.5	-14.0
33	-11.9	-13.0	-4.1	1.8	10.8	17.5	23.7	21.5	18.5	7.8	-0.8	-9.5
34	-13.9	-10.8	-4.8	2.1	12.5	18.4	21.8	21.0	15.4	7.0	0.6	-17.1
35	-15.8	-12.0	-5.5	0.6	7.4	14.4	18.9	20.4	16.6	8.7	0.8	-3.1
37	-10.5	-9.8	-5.3	1.0	8.9	16.7	22.0	22.4	17.8	9.0	1.7	-7.6
38	-11.8	-10.3	-5.3	3.1	9.7	17.8	22.0	22.8	18.7	10.1	1.6	-7.7
39	-13.3	-10.6	-5.5	2.7	10.6	18.3	22.4	23.8	18.9	9.8	1.4	-6.5
40	-12.3	-10.1	-5.0	2.2	—	16.3	21.5	20.9	18.0	9.4	1.8	-6.6
地中温度 (0.1m) 1931	-9.8	-9.5	-3.5	0.7	6.8	14.7	20.7	21.4	17.1	9.0	2.8	-6.1
32	-7.6	-8.5	-3.5	1.2	8.4	16.5	21.6	21.5	17.0	10.3	2.4	-2.7
33	-8.6	-10.1	-5.2	0.8	8.3	15.3	22.1	20.5	18.4	8.7	-0.3	-4.6
34	-11.1	-8.8	-4.8	1.4	10.7	16.9	20.6	20.4	17.7	8.1	2.1	-3.3
35	-11.1	-10.0	-5.1	0.4	6.5	13.0	17.5	19.6	16.4	9.4	2.3	-3.9
37	-8.8	-8.6	-4.8	-0.1	6.7	14.4	20.3	21.6	17.7	10.8	3.6	-3.7
38	-8.7	-8.5	-3.0	1.1	7.9	15.4	20.3	21.8	18.9	10.9	3.3	-5.1
39	-11.2	-9.5	-2.7	1.1	8.2	14.1	20.5	21.0	17.9	10.3	3.1	-4.8
40	-10.6	-9.1	-3.1	0.7	—	14.3	20.5	20.5	18.3	10.1	2.8	-4.3
地中温度 (1.0m) 1931	-3.0	-4.0	-2.8	-0.5	1.1	2.1	11.7	17.3	18.4	11.3	1.7	0.4
32	-2.3	-3.8	-2.4	-0.7	1.9	10.3	18.1	20.0	17.2	12.5	2.2	2.0
33	-1.1	-4.8	-3.4	-0.6	1.1	7.7	16.1	17.1	15.8	11.3	4.9	0.6
34	-3.1	-4.3	-2.7	-0.7	2.8	10.3	17.0	18.9	15.0	10.5	5.5	0.4
35	-4.1	-5.8	-3.7	-0.7	1.8	6.7	12.7	16.3	14.1	11.1	5.6	1.4
37	-2.1	-4.8	-3.0	-0.9	1.4	8.5	15.8	18.5	17.0	11.8	6.5	1.8
38	-3.3	-4.9	-2.4	-0.3	3.0	11.1	17.1	19.0	18.4	12.8	6.2	0.4
39	-2.8	-4.5	-2.3	-0.5	3.0	9.3	16.1	18.0	18.5	11.8	5.8	0.3
40	-4.7	-5.9	-3.8	-0.5	—	9.6	16.1	18.4	17.7	12.9	6.3	1.2
地中温度 (1.5m) 1931	4.0	2.5	1.6	1.4	1.3	3.7	8.4	11.5	12.5	11.6	8.2	4.0
32	3.8	2.1	1.3	1.0	1.0	3.7	11.1	12.0	14.5	12.8	8.5	4.6
33	2.8	2.0	1.1	0.7	0.8	2.1	8.0	11.8	12.1	11.0	8.5	3.3
34	2.1	1.5	0.7	0.6	0.6	2.8	10.0	11.8	12.5	11.1	8.4	3.4
35	2.5	0.7	-0.1	-0.1	0.0	0.7	6.3	10.5	11.9	11.1	8.4	3.4
37	2.1	1.4	0.5	0.3	2.8	4.5	8.7	10.4	12.4	12.0	9.4	4.0
38	2.1	1.1	0.4	0.3	0.3	3.3	8.8	10.9	13.7	12.4	9.4	4.1
39	2.7	0.5	-0.1	0.0	0.1	2.1	8.2	12.3	13.4	12.1	8.2	3.7
40	2.7	0.6	0.0	0.0	—	2.4	8.5	12.0	12.8	12.0	8.2	3.5
地中温度 (1.0m) 1931	4.4	3.1	4.1	3.4	2.0	3.4	7.0	9.8	10.0	9.3	7.0	4.1
32	6.3	4.3	3.7	3.0	2.2	3.9	6.4	10.6	11.4	10.2	8.1	4.2
33	6.8	5.6	4.1	3.8	2.7	2.7	6.0	10.4	11.4	10.2	8.1	4.2
34	5.8	4.4	2.8	2.7	2.4	2.9	5.8	10.4	11.4	10.2	7.4	4.2
35	5.8	2.1	1.4	1.9	1.1	1.8	2.8	10.4	11.4	10.2	7.4	4.2
37	2.3	2.9	2.8	2.3	2.6	2.2	1.8	8.1	10.3	10.3	8.6	4.1
38	2.7	2.8	2.8	2.8	2.8	2.8	2.1	10.2	10.4	10.4	8.4	4.1
39	2.7	2.8	2.8	2.8	2.8	2.8	2.1	10.2	10.4	10.4	8.4	4.1
40	2.7	2.7	2.8	2.8	2.8	2.8	2.1	10.2	10.4	10.4	8.4	4.1

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

243

STAT

RESTRICTED

STAT

Harbin

哈 爾 濱

Underground temperature

" "

Number of rainy days

Number of clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地中温度 (4.0m) 1936	6.5	5.4	4.5	3.7	3.3	3.0	3.4	4.8	6.4	7.3	7.6	7.8	5.3
37	6.3	5.5	4.6	3.9	3.5	3.1	4.0	5.7	7.4	8.3	8.4	8.1	5.7
38	6.8	5.7	4.7	4.0	3.5	3.3	4.3	6.0	7.8	8.5	8.5	8.1	5.9
39	7.0	5.8	4.7	3.9	3.5	3.1	3.8	5.5	7.1	8.1	8.3	7.7	5.7
40	6.7	5.6	4.6	3.9	—	—	—	6.0	7.8	8.7	8.9	8.3	—
地中温度 (5.0m) 1936	6.8	6.2	5.5	4.9	4.4	4.1	3.8	4.4	5.3	6.1	6.7	6.8	5.4
37	6.5	6.0	5.4	4.9	4.4	4.1	4.1	4.9	5.8	6.6	7.3	7.4	5.6
38	7.0	6.3	5.6	5.0	4.5	4.1	4.3	4.9	6.1	7.0	7.5	7.5	5.8
39	7.8	6.5	5.7	5.1	4.6	4.3	4.1	4.8	5.9	6.7	7.3	7.3	5.7
40	6.9	6.3	5.6	4.9	—	—	—	4.1	5.0	6.3	7.4	7.7	—
降水日数 1909	4	8	8	5	10	15	13	10	11	11	10	8	113
10	6	8	7	13	10	18	11	18	13	13	8	8	123
11	6	6	6	6	5	12	12	10	14	7	5	8	122
12	3	6	6	7	5	14	15	10	19	7	7	5	108
13	7	8	4	4	4	16	15	10	14	7	5	2	96
14	3	1	19	2	5	18	14	9	9	8	16	8	100
15	12	10	12	16	19	13	18	11	9	6	6	5	138
16	5	3	6	7	12	13	17	12	9	6	3	10	102
17	8	2	4	6	8	13	17	10	14	7	4	4	115
18	3	4	4	8	8	18	12	13	19	7	4	1	99
19	3	3	2	11	11	13	7	10	7	6	6	3	86
20	5	4	2	7	5	20	15	11	10	5	5	7	94
21	1	4	2	10	8	12	12	10	10	5	5	3	109
22	3	6	10	8	13	14	19	11	13	3	6	3	109
23	3	7	8	5	11	20	11	18	17	8	8	5	121
24	8	6	7	8	12	7	21	15	10	9	9	4	116
25	2	5	7	4	12	10	22	11	15	4	4	2	90
26	6	11	5	5	7	12	10	15	12	4	4	2	106
27	1	4	7	8	10	10	14	10	10	5	5	100	
28	9	9	7	7	8	14	19	16	13	8	7	7	123
29	6	4	2	2	14	15	19	15	14	6	3	2	103
30	1	7	3	6	11	19	12	21	9	4	13	3	111
31	11	5	7	6	13	17	7	10	21	11	2	4	114
32	2	4	7	8	13	17	10	12	12	7	4	4	122
33	3	5	3	5	9	15	9	12	8	7	4	6	90
34	6	1	6	7	10	16	17	10	13	7	1	3	97
35	8	4	8	6	12	14	20	9	13	5	11	1	121
36	5	2	7	8	9	15	15	9	12	11	4	7	104
37	1	6	2	8	16	18	17	15	10	8	5	5	115
38	7	2	5	6	10	20	17	7	14	2	6	7	102
39	8	2	7	9	—	—	—	—	—	—	—	—	—
40	8	2	7	9	—	—	—	—	—	—	—	—	—
快晴日数 1909	16	10	12	2	7	2	3	2	8	4	4	6	78
10	14	10	4	5	1	1	—	—	5	6	12	16	74
11	7	16	10	1	5	—	—	—	5	5	8	12	77
12	13	6	6	—	10	12	11	8	3	8	3	4	84
13	18	11	7	2	7	1	5	2	4	11	8	10	86
14	10	9	6	8	1	—	—	—	5	7	5	12	82
15	12	9	4	2	3	2	—	—	11	5	6	8	81
16	11	10	7	3	2	—	—	—	3	3	11	8	82
17	14	8	6	3	3	1	—	—	5	5	12	17	88
18	12	13	12	1	5	2	—	—	8	8	12	12	102
19	13	12	14	6	2	1	—	—	4	3	9	9	100
20	12	12	10	4	1	—	—	—	3	2	12	11	102
21	12	12	10	4	1	—	—	—	3	2	12	11	102
22	12	12	10	4	1	—	—	—	3	2	12	11	102
23	12	12	10	4	1	—	—	—	3	2	12	11	102
24	12	12	10	4	1	—	—	—	3	2	12	11	102
25	12	12	10	4	1	—	—	—	3	2	12	11	102
26	12	12	10	4	1	—	—	—	3	2	12	11	102
27	12	12	10	4	1	—	—	—	3	2	12	11	102
28	12	12	10	4	1	—	—	—	3	2	12	11	102
29	12	12	10	4	1	—	—	—	3	2	12	11	102
30	12	12	10	4	1	—	—	—	3	2	12	11	102
31	12	12	10	4	1	—	—	—	3	2	12	11	102
32	12	12	10	4	1	—	—	—	3	2	12	11	102
33	12	12	10	4	1	—	—	—	3	2	12	11	102
34	12	12	10	4	1	—	—	—	3	2	12	11	102
35	12	12	10	4	1	—	—	—	3	2	12	11	102
36	12	12	10	4	1	—	—	—	3	2	12	11	102
37	12	12	10	4	1	—	—	—	3	2	12	11	102
38	12	12	10	4	1	—	—	—	3	2	12	11	102
39	12	12	10	4	1	—	—	—	3	2	12	11	102
40	12	12	10	4	1	—	—	—	3	2	12	11	102

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

244

RESTRICTED

STAT

284

Harbin

RESTRICTED

STAT

Number of clear days

Number of cloudy days

Number of foggy days

Number of days with hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	全年
1904	9	10	11	8	6	6	7	4	8	13	7	87
05	12	15	10	11	3	4	8	5	12	17	8	118
06	18	11	10	3	3	4	8	5	12	17	8	118
07	19	15	9	7	4	4	8	5	9	8	14	119
08	12	14	9	10	8	1	8	5	9	18	11	109
09	17	11	9	7	1	4	4	5	9	10	13	107
10	11	9	10	10	4	4	4	3	16	8	7	107
11	11	11	8	3	3	3	0	5	13	13	8	107
12	15	13	11	5	2	2	2	3	10	8	8	107
13	15	15	10	4	4	4	4	3	6	14	11	107
14	17	14	5	8	8	1	1	4	8	13	11	109
15	12	16	11	5	5	1	3	1	7	9	9	108
16	16	10	3	4	1	2	2	7	7	10	12	108
17	11	10	10	2	4	2	2	2	10	10	15	108
18	16	13	6	5	4	1	1	1	10	9	15	108
19	16	13	6	5	4	1	1	1	10	9	15	108
20	14	13	9	6	—	—	3	4	8	9	8	106
1909	—	4	4	—	13	8	12	8	2	10	10	7
10	4	1	7	10	9	13	18	13	3	7	5	3
11	6	7	3	3	9	10	12	18	8	7	9	4
12	2	6	4	4	10	12	15	15	9	8	7	4
13	2	4	3	10	8	12	10	4	9	5	5	8
14	4	5	10	5	9	12	12	10	12	8	12	1
15	7	8	11	14	18	19	15	19	9	7	8	2
16	4	3	4	10	12	13	13	10	10	5	7	9
17	3	4	8	13	13	8	13	10	7	8	6	7
18	2	3	11	11	6	5	6	11	12	3	2	1
19	4	1	3	11	7	11	11	3	7	9	9	3
20	4	4	3	5	6	8	8	3	11	3	6	2
21	4	2	3	4	6	11	13	8	7	6	5	4
22	2	5	9	5	13	11	13	9	7	6	4	4
23	2	6	8	7	9	9	10	9	5	7	7	4
24	6	3	8	16	10	7	14	9	4	2	8	6
25	4	2	7	6	10	11	15	9	8	5	9	6
26	3	7	8	9	10	5	9	11	6	8	9	4
27	3	7	8	9	10	11	11	6	8	10	7	2
28	3	6	4	10	5	7	10	12	16	4	7	8
29	2	4	7	4	10	11	11	6	5	4	3	5
30	1	3	4	3	11	11	12	7	5	5	3	5
31	4	2	4	5	7	11	10	9	14	9	5	4
32	4	2	8	7	13	7	12	4	6	8	3	3
33	1	1	3	7	12	10	10	6	3	5	5	4
34	2	3	4	4	7	17	15	6	8	6	1	7
35	2	2	8	8	7	10	19	3	6	7	7	5
36	2	5	8	8	15	15	11	9	6	8	2	5
37	2	1	10	13	14	16	14	19	14	5	7	3
38	2	1	10	13	14	16	14	19	14	5	7	3
39	7	5	9	10	—	9	16	12	10	10	10	8
40	7	5	9	10	—	9	16	12	10	10	10	8
1931	—	—	—	—	—	—	—	—	—	—	—	—
32	—	—	—	—	—	—	—	—	—	—	—	—
33	—	—	—	—	—	—	—	—	—	—	—	—
34	—	—	—	—	—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—	—	—	—	—	—
1900	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

245

RESTRICTED

STAT

RESTRICTED

Harbin

哈 爾 濱

Number of days with hail

Number of days with soft hail

Number of days without sunshine

Number of days of electrical storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1912	4
13	2
14	2
15	2
16	3
17	4
18	4
19	2
20	2
21	1
22	3
23	1
24	1
25	1
26	1
27	6
28	2
29	3
30	2
31	5
32	1
33	1
34	1
35	3
36	1
37	4
38	2
39	2
40	2
1911	3
33	1
34	1
35	2
37	3
38	1
39	4
40	1
1911	20
33	23
34	20
35	25
36	20
37	21
38	10
39	10
40	11
1909	16
10	10
11	15
12	16
13	15
14	16
15	10
16	10
17	10
18	10

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

246 **RESTRICTED**

STAT

866

Harbin

RESTRICTED

Number of days of electrical storms

Number of stormy days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	---	---	---	---	1	3	4	1	1	---	---	---	8
20	---	---	---	---	1	4	3	4	1	5	---	---	19
21	---	---	---	---	---	3	3	3	---	---	---	---	9
22	---	---	---	---	---	3	3	3	---	---	---	---	9
23	---	---	---	---	---	5	5	4	---	---	---	---	14
24	---	---	---	---	2	1	6	3	8	2	---	---	26
25	---	---	---	---	---	1	4	3	1	---	---	---	10
26	---	---	---	---	---	1	4	3	---	1	---	---	10
27	---	---	---	---	1	1	4	3	5	3	---	---	16
28	---	---	---	---	---	3	3	5	3	---	---	---	14
29	---	---	---	---	---	4	6	5	4	1	---	---	20
30	---	---	---	---	---	2	3	15	6	8	---	---	31
31	---	---	---	---	---	7	7	4	7	2	---	---	35
32	---	---	---	---	---	7	5	7	5	1	---	---	32
33	---	---	---	---	---	9	10	10	5	---	---	---	36
34	---	---	---	---	---	1	3	3	4	1	---	---	13
35	---	---	---	---	---	1	13	13	1	2	---	---	21
36	---	---	---	---	---	7	10	3	8	---	---	---	28
37	---	---	---	---	---	2	7	10	6	---	---	---	25
38	---	---	---	---	---	1	2	10	5	---	---	---	21
39	---	---	---	---	---	1	8	14	6	3	---	---	23
40	---	---	---	---	---	1	8	14	6	3	---	---	23
最大降雪量	1909	---	1	1	1	1	---	---	---	4	---	---	8
10	---	---	1	3	7	1	---	---	---	8	---	---	16
11	---	---	---	2	3	1	---	---	---	1	---	---	6
12	---	---	---	---	---	---	---	---	---	1	---	---	1
13	---	1	---	5	2	---	1	2	1	1	3	---	14
14	2	---	5	4	6	2	1	---	1	2	---	---	26
15	---	1	2	3	3	2	4	---	1	2	3	---	20
16	---	---	---	1	1	1	---	---	---	1	---	---	4
17	---	---	---	2	1	1	---	---	---	1	---	---	5
18	---	---	---	3	1	1	---	---	---	2	---	---	7
19	---	2	1	3	6	1	1	---	4	1	---	---	20
20	1	1	1	13	3	2	4	---	1	1	---	---	15
21	---	---	---	1	1	1	---	---	3	2	---	---	7
22	---	---	---	1	1	1	---	---	1	1	---	---	4
23	1	---	4	4	2	2	1	---	3	1	---	---	19
24	---	---	---	5	1	2	3	---	1	2	---	---	15
25	---	---	---	5	1	1	1	---	1	2	---	---	14
26	---	---	---	5	1	1	---	---	1	2	---	---	14
27	---	---	---	5	1	1	---	---	4	---	---	---	14
28	---	---	---	5	3	5	---	---	2	---	---	---	17
29	---	1	1	6	1	2	2	1	1	5	---	---	20
30	---	---	---	6	5	1	3	---	1	1	---	---	20
31	---	---	---	3	5	5	---	---	1	4	---	---	14
32	4	---	---	5	5	---	---	---	---	1	---	---	11
33	---	---	---	4	---	---	---	---	---	1	---	---	5
34	---	---	---	1	7	6	---	---	8	1	---	---	5
35	---	1	1	7	4	1	1	---	6	4	---	---	20
36	1	2	2	7	7	7	3	---	6	4	---	---	37
37	---	---	---	6	7	7	3	---	6	4	---	---	37
38	---	---	---	11	7	7	3	---	6	4	---	---	37
39	---	1	5	11	7	7	3	---	6	4	---	---	37
40	1	1	1	8	1	8	---	---	1	5	3	---	28
最大降雪量	1911	---	7.5	---	---	---	---	---	1.7	1.0	---	---	1.1
20	2.0	3.0	4.8	1.5	---	---	---	---	1.5	4.0	---	---	1.1
33	1.0	2.2	0.8	0.0	---	---	---	---	0.0	0.0	---	---	1.0
34	1.1	1.0	0.4	---	---	---	---	---	0.0	0.0	---	---	1.0
39	---	0.0	1.0	---	0.0	---	---	---	0.0	0.0	---	---	1.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

247

RESTRICTED

RESTRICTED

STAT

勳 Po-11 勳

Barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Barometric pressure at sea level
 Mean atmospheric temperature
 Mean maximum atmospheric temperature
 Mean minimum atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Vapor pressure
 Mean humidity
 Minimum degree of humidity
 Mean cloud density
 Mean wind velocity
 Maximum wind velocity
 Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1938 (+700mm) 39	47.0	45.7	43.4	35.3	35.6	35.3	35.8	35.5	40.0	43.5	45.4	46.8	40.7
水銀氣壓 1938 (+700mm) 40	47.8	47.4	41.5	40.5	37.5	35.6	36.6	36.9	39.4	44.4	43.7	46.8	41.5
水銀氣壓 1938 (+700mm) 39	35.8	31.8	31.5	28.7	44.8	45.7	48.4	47.8	48.8	53.8	55.6	55.5	58.8
水銀氣壓 1938 (+700mm) 40	37.8	33.7	34.6	26.0	22.9	27.7	30.3	30.4	25.7	34.8	31.8	39.6	22.9
海平面氣壓 1938 (+700mm) 39	68.7	64.0	63.6	54.7	54.7	53.9	56.8	56.9	59.1	63.8	66.1	68.5	60.6
海平面氣壓 1938 (+700mm) 40	69.7	68.7	61.9	60.1	56.7	54.3	55.0	57.4	58.5	64.3	64.3	68.5	61.4
平均氣壓 1938	-17.4	-13.5	-1.1	6.4	13.6	19.4	24.3	22.8	13.5	6.9	-5.8	-17.5	4.3
最高氣壓 39	-19.8	-18.3	-2.9	6.8	12.9	17.3	23.7	22.1	14.0	4.7	-5.7	-13.8	4.6
最高氣壓 40	-19.5	-13.1	-3.9	4.6	---	17.7	22.6	19.7	14.6	6.1	-5.8	-13.5	---
平均最高氣壓 1938	-11.6	-7.8	5.1	12.4	19.4	25.6	30.5	27.3	18.7	12.0	0.1	-12.1	12.0
最高氣壓 39	-14.2	-6.1	2.5	12.6	19.8	22.0	28.8	25.8	19.8	11.4	-0.2	-7.7	9.8
最高氣壓 40	-15.1	-7.8	2.4	10.5	---	23.0	27.8	25.4	11.0	12.5	-0.1	-8.4	---
平均最低氣壓 1938	-22.0	-19.0	-8.4	0.1	7.1	13.3	18.5	17.4	8.2	0.3	-10.0	-23.5	-1.7
最低氣壓 39	-20.3	-18.8	-9.3	0.0	5.9	12.3	18.4	16.3	8.8	-1.2	-11.7	-19.0	-2.0
最低氣壓 40	-24.2	-19.8	-11.3	-2.0	---	11.7	17.8	14.5	8.6	-1.1	-10.8	-19.1	---
氣壓高限 1938	-6.3	1.8	17.1	20.8	20.7	22.8	26.3	21.3	20.6	20.0	14.3	-2.8	26.3
氣壓高限 39	-8.7	2.9	10.1	25.6	20.8	24.9	24.9	21.3	25.3	24.7	16.2	-0.3	24.9
氣壓低限 1938	-19.7	-28.8	-21.0	-2.3	-0.6	6.8	12.3	12.6	2.8	-1.8	-12.8	-24.4	-20.4
氣壓低限 39	-24.7	-30.0	-15.7	-15.7	-0.5	8.2	14.5	8.1	-0.3	-9.5	-21.9	-25.0	-24.2
水蒸氣壓力 1938	0.2	1.2	2.2	3.8	7.1	10.7	15.8	15.7	9.1	5.0	2.3	0.9	6.2
水蒸氣壓力 39	0.8	1.2	2.6	4.3	8.4	10.8	17.4	15.1	9.4	4.1	1.1	1.3	6.3
平均濕度 1938	69	71	82	88	81	85	71	80	81	66	72	74	68
平均濕度 39	74	81	88	88	80	74	80	75	78	68	80	73	69
平均濕度 40	72	89	88	85	---	74	77	80	74	59	70	79	---
最小濕度 1938	35	26	22	18	21	22	28	27	40	28	28	24	18
最小濕度 39	34	24	27	17	24	29	26	26	31	24	26	28	17
平均雲量 1938	3.8	4.3	4.8	6.8	7.0	7.5	6.7	8.1	7.8	4.8	4.5	3.6	5.8
平均雲量 39	3.3	3.8	6.2	5.8	6.3	8.0	7.6	5.4	7.8	4.4	4.4	3.7	5.1
平均風速 1938	4.3	4.3	4.1	2.6	4.7	4.1	3.1	2.6	2.8	3.8	2.9	3.2	3.8
平均風速 39	3.7	4.4	4.5	4.0	4.0	3.8	3.1	2.5	2.5	3.1	2.8	3.2	3.5
最大風速 1938	12.8	15.3	15.8	13.7	20.1	15.3	12.4	8.2	8.9	12.2	12.8	12.2	20.1
最大風速 39	12.7	15.3	13.7	12.4	12.1	12.4	8.4	8.5	10.9	12.8	12.8	12.1	12.1
陣雨 1938	2.4	13.1	4.8	24.5	27.8	13.5	71.1	12.6	129.6	2.2	2.8	2.2	22.1
陣雨 39	1.8	0.1	4.8	22.8	26.1	22.0	14.8	12.3	122.8	2.2	2.2	2.2	22.1
陣雨 40	0.7	---	---	---	---	---	---	---	---	---	---	---	---

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

248

RESTRICTED

STAT

368

RESTRICTED

Po-11

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Mean ground level temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
最大日量	1.7	6.3	3.5	5.5	9.5	26.8	24.6	17.2	43.3	8.4	1.7	1.6
1938	0.9	0.1	1.7	24.4	8.9	19.8	31.1	24.4	34	7.8	2.1	24.4
39												
日照時數	272.8	299.4	289.6	200.6	222.8	227.8	201.9	163.9	141.4	128.8	128.5	246.4
1938	169.7	212.2	196.1	226.0	237.7	186.5	191.5	277.1	126.4	117.7	127.4	170.9
39	125.5	215.5	93.7	145.7		227.8	228.7	206.4	228.0	190.1	124.6	230.0
40												
日照率	61	69	73	49	48	55	64	38	38	37	56	37
1938	60	75	53	55	50	30	40	34	35	35	58	33
39												
蒸發量	30.6	34.4	111.2	156.8	194.6	213.0	218.0	135.5	80.1	106.9	145.5	307.7
1938	39	29.3	30.8	24.6	128.5	198.1	123.2	157.1	175.7	100.2	37.1	29.9
39	31.0	45.8	93.7	145.7		157.3	183.0	151.7	144.8	121.3	55.0	31.0
40												
最大日量	1.7	2.8	7.0	10.0	13.4	12.8	10.0	8.0	5.9	6.6	4.1	1.4
1938	1.5	2.9	4.6	10.6	14.8	9.2	8.4	5.9	6.5	4.4	1.9	1.4
39												
平均	-15.8	-13.2	-10.3	-8.9	-4.5	11.4	17.8	16.7	7.3	-1.6	-12.5	-24.9
1938												
最低地温	39	-17.9	-20.3	-10.8	-1.6	4.4	11.2	12.2	15.4	8.2	-1.4	-22.2
40												
平均	-17.0	-13.0	-1.0	6.6	13.6	21.5	26.3	21.8	12.7	5.2	-4.4	-15.2
1938												
地面温度	39	-18.6	-11.7	-2.4	6.2	12.4	17.7	21.3	21.4	12.1	3.5	-5.3
40												
平均	-17.0	-13.4	-5.9	2.6	10.3	17.3	20.4	17.8	12.0	2.8	-5.7	-12.3
1938												
地下温度	1938	-15.0	-11.6	-1.6	5.8	12.7	20.3	25.5	23.0	14.9	7.9	-1.3
39												
40												
地下温度	1938	-12.6	-10.9	-2.4	4.3	11.5	19.1	24.3	22.3	14.9	7.9	-0.3
39												
40												
地下温度	1938	-12.6	-9.8	-3.6	2.1	11.0	18.0	21.1	19.3	14.9	6.5	-0.4
39												
40												
地下温度	1938	-12.7	-10.4	-2.9	3.0	9.6	17.0	22.5	21.8	15.0	8.3	0.7
39												
40												
地下温度	1938	-10.7	-8.9	-3.3	0.5	6.3	13.4	18.5	19.8	15.0	8.0	3.0
39												
40												
地下温度	1938	-4.4	-5.1	-2.8	-0.7	1.0	7.0	12.7	15.5	14.1	10.4	6.1
39												
40												
地下温度	1938	1.9	0.8	-0.6	-0.8	0.0	2.2	7.4	10.8	11.6	10.3	8.0
39												
40												
地下温度	1938	4.1	2.6	1.4	1.0	1.0	1.8	4.9	7.8	9.3	9.4	8.1
39												
40												

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

249

RESTRICTED

物 Po-11 物 **RESTRICTED**

Underground temperature
 Underground temperature
 Number of rainy days
 Number of clear days
 Number of cloudy days
 Number of days with hail
 Number of days with soft hail
 Number of days without sunshine
 Number of days with electrical storms
 Number of stormy days
 Number of freezing days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地中温度 (4.0m) 1938	5.8	4.4	3.7	2.5	2.3	2.3	2.9	5.9	11	12	12	12	11.5
39	5.6	3.8	2.6	2.1	1.9	1.9	2.9	8.7	11	12	12	12	11.5
40	5.7	4.0	3.4	2.5	2.2	2.4	4.3	6.4	7.8	8.4	8.0	8.9	7.8
地中温度 (5.0m) 1938	6.5	5.4	4.4	3.7	3.8	3.0	3.6	6.9	6.3	7.1	7.3	7.0	5.8
39	6.2	5.3	4.4	3.7	3.8	3.0	3.8	5.8	6.6	7.5	7.6	7.8	5.3
40	6.4	5.5	4.6	3.9	3.2	3.2	4.0	5.4	6.6	7.4	7.4	7.0	5.3
雨水日数 1938	4	5	3	16	13	16	11	20	15	20	6	6	121
39	8	1	8	13	12	21	20	10	20	5	7	11	128
40	6	4	9	8	17	20	10	10	10	10	13	9	121
晴天日数 1938	10	8	21	3	8	8	1	1	5	11	13	13	63
39	17	11	3	5	8	1	1	4	3	4	8	12	69
40	13	17	10	4	1	1	1	5	7	9	6	10	69
曇天日数 1938	5	7	7	14	20	18	18	20	10	4	6	4	126
39	4	3	11	12	10	21	20	16	15	4	5	3	110
40	13	5	5	14	10	16	11	12	10	7	7	10	110
雹日数 1938	---	---	---	---	---	1	---	---	---	---	---	---	1
39	---	---	---	---	---	1	3	---	---	---	---	---	1
40	---	---	---	---	---	1	3	---	---	---	---	---	1
霰日数 1938	---	---	---	1	---	---	---	---	---	---	1	---	3
39	---	---	---	3	---	---	---	---	---	---	1	---	5
40	---	---	---	---	---	---	---	---	1	---	---	---	5
不照日数 1938	1	2	---	6	3	1	---	5	5	2	3	3	29
39	1	1	---	4	1	4	---	4	1	2	2	2	25
40	4	1	1	2	---	4	---	1	2	1	4	7	25
雷雨日数 1938	---	---	---	2	1	0	5	5	1	1	---	---	24
39	---	---	---	2	1	5	8	2	2	---	1	---	21
40	---	---	---	---	---	10	12	7	3	---	---	---	21
暴風日数 1938	6	4	6	16	8	3	---	---	2	2	5	5	58
39	8	6	8	6	5	2	---	---	1	6	2	6	56
40	7	4	7	10	---	1	---	1	2	6	6	6	56
氷日数 1938	31	28	30	16	---	---	---	---	14	27	31	27	177
39	31	28	30	8	---	---	---	---	1	19	26	31	174
40	31	29	29	19	---	---	---	---	3	20	27	31	174

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

250 **RESTRICTED**

RESTRICTED

STAT

470

I-lan

Barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 (+700mm) 1916	---	---	---	---	---	---	---	---	---	---	---	---	---
17	57.7	58.5	58.8	58.7	58.0	57.5	57.0	56.5	56.0	55.5	55.0	54.5	55.5
18	57.1	57.8	58.0	57.5	57.0	56.5	56.0	55.5	55.0	54.5	54.0	53.5	55.0
19	56.1	55.7	55.8	55.8	55.5	55.0	54.5	54.0	53.5	53.0	52.5	52.0	53.5
20	57.4	58.8	58.8	58.8	58.5	58.0	57.5	57.0	56.5	56.0	55.5	55.0	56.5
21	57.6	58.3	58.1	58.0	57.5	57.0	56.5	56.0	55.5	55.0	54.5	54.0	55.5
22	57.7	57.8	57.9	57.8	57.5	57.0	56.5	56.0	55.5	55.0	54.5	54.0	55.5
23	57.9	58.2	58.0	57.8	57.5	57.0	56.5	56.0	55.5	55.0	54.5	54.0	55.5
24	57.9	58.2	58.0	57.8	57.5	57.0	56.5	56.0	55.5	55.0	54.5	54.0	55.5
25	58.1	58.7	58.7	58.7	58.5	58.0	57.5	57.0	56.5	56.0	55.5	55.0	56.5
26	58.0	58.6	58.5	58.4	58.1	57.8	57.5	57.0	56.5	56.0	55.5	55.0	56.5
27	57.0	57.0	56.9	56.8	56.7	56.5	56.4	56.3	56.2	56.1	56.0	55.9	56.0
28	58.0	57.4	56.4	56.1	55.8	55.5	55.2	54.9	54.6	54.3	54.0	53.7	54.5
29	58.0	57.2	55.8	54.9	54.0	53.1	52.2	51.3	50.4	49.5	48.6	47.7	51.9
水銀氣壓 (+700mm) 1916	---	---	---	---	---	---	---	---	---	---	---	---	---
17	68.5	67.9	69.1	68.3	66.4	65.3	64.2	63.1	62.0	60.9	59.8	58.7	62.4
18	68.9	66.3	68.1	67.2	65.4	64.3	63.2	62.1	61.0	59.9	58.8	57.7	61.1
19	67.7	65.1	66.8	65.9	64.1	63.0	61.9	60.8	59.7	58.6	57.5	56.4	59.8
20	68.4	69.8	69.1	68.2	66.4	65.3	64.2	63.1	62.0	60.9	59.8	58.7	62.4
21	68.4	67.7	69.1	68.2	66.4	65.3	64.2	63.1	62.0	60.9	59.8	58.7	62.4
22	69.6	68.1	69.1	68.2	66.4	65.3	64.2	63.1	62.0	60.9	59.8	58.7	62.4
23	68.6	67.5	68.1	67.2	65.4	64.3	63.2	62.1	61.0	59.9	58.8	57.7	61.1
24	68.5	68.5	67.0	66.1	64.3	63.2	62.1	61.0	59.9	58.8	57.7	56.6	60.0
25	68.0	68.7	68.5	68.5	66.7	65.6	64.5	63.4	62.3	61.2	60.1	59.0	62.4
26	67.8	67.5	68.6	67.7	65.9	64.8	63.7	62.6	61.5	60.4	59.3	58.2	61.6
27	68.6	68.1	68.2	68.0	66.2	65.1	64.0	62.9	61.8	60.7	59.6	58.5	61.9
28	71.1	65.8	63.6	62.6	60.8	59.7	58.6	57.5	56.4	55.3	54.2	53.1	56.8
29	68.9	69.1	65.6	64.5	62.7	61.6	60.5	59.4	58.3	57.2	56.1	55.0	58.5
水銀氣壓 (+700mm) 1916	---	---	---	---	---	---	---	---	---	---	---	---	---
17	48.2	48.9	49.3	49.8	50.7	51.6	52.5	53.4	54.3	55.2	56.1	57.0	51.6
18	48.0	48.8	49.1	49.6	50.5	51.4	52.3	53.2	54.1	55.0	55.9	56.8	51.4
19	50.5	48.8	48.8	49.8	50.7	51.6	52.5	53.4	54.3	55.2	56.1	57.0	51.6
20	50.3	53.3	48.4	49.7	50.6	51.5	52.4	53.3	54.2	55.1	56.0	56.9	51.4
21	45.6	47.9	47.7	48.8	49.7	50.6	51.5	52.4	53.3	54.2	55.1	56.0	51.4
22	45.4	48.8	48.1	49.2	50.1	51.0	51.9	52.8	53.7	54.6	55.5	56.4	51.2
23	45.7	48.8	48.5	49.6	50.5	51.4	52.3	53.2	54.1	55.0	55.9	56.8	51.4
24	48.8	48.8	49.8	50.7	51.6	52.5	53.4	54.3	55.2	56.1	57.0	57.9	51.6
25	50.9	47.1	48.9	49.8	50.7	51.6	52.5	53.4	54.3	55.2	56.1	57.0	51.6
26	51.0	48.2	49.7	50.6	51.5	52.4	53.3	54.2	55.1	56.0	56.9	57.8	51.8
27	49.8	51.0	48.1	49.0	50.0	50.9	51.8	52.7	53.6	54.5	55.4	56.3	51.6
28	48.7	48.7	48.1	49.0	50.0	50.9	51.8	52.7	53.6	54.5	55.4	56.3	51.6
29	44.3	51.0	48.1	49.0	50.0	50.9	51.8	52.7	53.6	54.5	55.4	56.3	51.6
平均氣溫 1916	---	---	---	---	---	---	---	---	---	---	---	---	---
17	-11.8	-14.6	-4.3	6.8	10.7	18.5	26.4	34.3	42.2	50.1	58.0	65.9	28.2
18	-20.0	-16.6	-4.1	8.9	12.8	20.6	28.5	36.4	44.3	52.2	60.1	68.0	28.2
19	-22.4	-18.9	-4.1	8.9	12.8	20.6	28.5	36.4	44.3	52.2	60.1	68.0	28.2
20	-17.6	-10.3	-3.0	7.0	14.9	22.8	30.7	38.6	46.5	54.4	62.3	70.2	28.2
21	-17.1	-13.6	-4.3	8.1	12.0	19.8	27.7	35.6	43.5	51.4	59.3	67.2	28.2
22	-20.0	-16.6	-4.1	8.9	12.8	20.6	28.5	36.4	44.3	52.2	60.1	68.0	28.2
23	-22.4	-18.9	-4.1	8.9	12.8	20.6	28.5	36.4	44.3	52.2	60.1	68.0	28.2
24	-17.6	-10.3	-3.0	7.0	14.9	22.8	30.7	38.6	46.5	54.4	62.3	70.2	28.2
25	-17.1	-13.6	-4.3	8.1	12.0	19.8	27.7	35.6	43.5	51.4	59.3	67.2	28.2
26	-20.0	-16.6	-4.1	8.9	12.8	20.6	28.5	36.4	44.3	52.2	60.1	68.0	28.2
27	-22.4	-18.9	-4.1	8.9	12.8	20.6	28.5	36.4	44.3	52.2	60.1	68.0	28.2
28	-17.6	-10.3	-3.0	7.0	14.9	22.8	30.7	38.6	46.5	54.4	62.3	70.2	28.2
29	-17.1	-13.6	-4.3	8.1	12.0	19.8	27.7	35.6	43.5	51.4	59.3	67.2	28.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED

I-lan

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1906	-16.6	-14.6	-7.8	4.3	15.0	26.1	32.7	31.3	19.9	6.4	-4.9	-16.8	6.9
07	-16.5	-17.6	-7.6	4.3	17.0	18.0	23.7	29.3	16.8	7.4	-5.8	-16.8	7.1
08	-20.2	-18.5	-8.1	5.1	15.6	17.1	22.3	21.2	14.3	5.8	-5.7	-16.8	2.6
09	-20.8	-17.5	-6.8	5.4	12.0	17.0	22.3	22.8	12.8	5.3	-5.0	-16.8	2.4
10	-19.8	-16.5	-6.0	8.0	14.5	24.3	23.7	23.9	17.3	7.4	-5.7	-12.8	5.1
11	-18.8	-16.3	-8.5	6.8	12.0	21.4	22.5	22.4	14.3	6.9	-4.7	-12.8	3.4
12	-18.7	-16.6	-3.5	7.5	15.5	22.9	25.7	22.4	14.4	8.1	-4.4	-12.8	3.4
13	-22.7	-	-3.0	7.9	15.1	18.9	24.5	24.8	12.8	7.4	-4.4	-10.8	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-17.3	-8.8	-0.8	10.9	16.1	25.0	26.5	24.4	12.3	10.6	-7.4	-12.0	7.1
18	-18.5	-10.1	-	-	18.3	-	24.1	21.3	12.1	11.9	-2.5	-12.0	-
19	-17.5	-6.8	-0.1	7.7	16.7	23.1	31.5	28.1	11.9	12.4	-1.2	-11.8	8.5
20	-12.9	-14.5	3.7	15.9	22.0	23.4	-	27.0	12.4	12.2	-	-12.8	-
21	-18.3	-7.5	-0.1	11.3	20.9	28.1	27.8	26.4	20.1	12.0	-5.9	-12.6	8.8
22	-	-3.7	-5.4	12.8	17.5	23.8	25.1	24.8	12.1	12.8	-3.8	-11.3	-
23	-14.9	-3.9	1.8	9.8	19.4	22.7	27.3	22.6	12.1	9.3	-4.5	-12.6	7.9
24	-17.0	-13.3	-2.5	7.4	17.4	24.5	28.7	22.7	11.1	10.3	-	-	-
25	-	-	-	-	-	25.3	28.9	28.5	21.4	7.7	-4.5	-14.5	-
26	-16.8	-11.4	-1.6	12.8	18.0	24.5	27.7	26.2	20.7	10.7	-1.0	-12.8	8.1
27	-18.3	-10.7	-0.7	11.8	18.4	22.7	27.0	25.6	20.3	10.6	-2.9	-12.8	7.8
28	-15.5	-11.5	-0.4	9.8	18.7	23.3	28.0	24.1	12.3	11.5	-0.7	-12.3	7.8
29	-12.4	-11.0	-0.5	11.9	18.4	22.1	27.0	27.1	20.9	11.3	-2.1	-12.1	8.4
30	-14.3	-8.4	-2.7	11.2	18.7	22.8	28.9	27.3	11.1	12.3	0.8	-14.6	8.4
31	-13.4	-9.5	-	10.9	19.1	24.0	28.4	26.7	12.3	9.1	-3.7	-	-
32	-	-	-	12.7	21.3	23.1	28.5	24.4	11.4	13.3	-0.1	-3.7	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-16.9	-10.8	-1.1	1.5	4.8	12.7	18.5	17.4	2.4	6.7	-2.1	-21.6	-
34	-15.7	-20.7	-	-	4.7	-	-	12.2	12.0	12.0	-2.7	-22.1	-2.7
35	-27.4	-18.1	-11.0	-1.1	4.8	12.8	-	-	-	-	-	-	-
36	-22.3	-25.9	-9.2	0.5	8.3	12.8	-	-	12.1	4.4	-1.4	-11.3	-22.7
37	-22.8	-12.8	-12.9	0.1	6.5	12.0	17.1	18.3	2.8	-0.5	-12.4	-22.4	-2.6
38	-21.9	-20.6	-17.7	-2.3	4.5	12.6	17.9	15.1	2.1	1.5	-12.1	-19.8	-2.8
39	-25.0	-20.2	-9.7	-1.4	6.8	12.3	12.1	15.8	2.5	-0.8	-12.3	-11.1	-2.8
40	-21.4	-22.4	-12.5	-1.2	6.3	12.4	19.1	17.0	2.2	-2.1	-12.3	-11.1	-2.8
41	-21.9	-23.4	-14.8	0.0	7.8	12.8	17.3	18.3	10.4	0.4	-2.1	-20.0	-2.8
42	-22.4	-19.4	-12.4	-2.4	8.0	12.3	17.7	16.7	11.4	-0.3	-12.7	-22.3	-2.4
43	-22.1	-21.1	-13.9	-2.8	5.5	12.8	12.4	15.5	2.4	2.0	-2.3	-22.0	-2.7
44	-22.4	-21.8	-11.3	-1.4	8.0	11.9	17.1	17.4	8.4	0.7	-12.8	-22.5	-2.4
45	-22.4	-22.8	-12.7	-2.4	7.3	12.3	12.4	16.4	7.0	0.5	-2.3	-22.3	-2.7
46	-23.4	-20.7	-11.8	-1.4	8.2	12.4	12.1	16.5	11.0	0.0	-2.8	-22.3	-1.7
47	-23.8	-22.1	-12.8	-2.1	6.1	12.8	17.8	17.0	10.1	1.9	-2.1	-22.3	-1.8
48	-23.2	-21.6	-	-	8.2	12.8	12.8	12.8	12.8	12.8	-	-	-
49	-22.7	-	-10.8	0.0	8.1	12.5	22.0	12.9	12.3	-	-11.0	-21.6	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
50	-4.5	2.5	12.5	22.5	28.5	29.9	21.6	11.8	22.2	17.7	-12.0	-	-
51	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
52	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
53	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
54	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
55	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
56	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
57	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
58	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
59	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-
60	-2.8	2.4	12.4	22.4	28.4	29.8	21.5	11.7	22.1	17.6	-12.0	-	-

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

252 RESTRICTED

STAT

RESTRICTED

表 I-1an

Rainfall

Maximum rainfall per day

Evaporative capacity

Ground level temperature

Underground temperature

"

"

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1922	4.1	4.3	6.7	5.9	37.9	82.9	274.7	121.6	79.2	9.1	0.3	1.6	660.7
23	7.5	2.1	12.8	28.9	86.9	152.8	41.8	121.1	42.6	42.6	37	1.4	371.1
24	8.1	0.4	—	50.1	47.7	34.4	107.7	101.1	42.6	42.6	37	1.4	371.1
25	1.8	2.8	8.5	4.7	18.1	12.2	67.9	201.2	14.7	12.2	12.2	1.4	412.2
26	5.8	22.0	1.4	17.6	52.8	38.8	74.8	144.2	12.2	12.2	12.2	1.4	422.2
27	1.5	8.2	14.6	10.2	77.5	92.5	118.2	104.4	41.1	42.6	37	1.4	371.1
28	5.4	7.7	10.4	8.2	31.1	31.1	112.2	109.2	42.6	42.6	37	1.4	371.1
29	3.1	10.4	5.9	8.7	48.1	102.3	128.3	133.6	34.7	12.2	12.2	1.4	422.2
30	3.3	5.4	20.7	11.7	47.7	28.1	172.2	13.2	12.2	12.2	12.2	1.4	371.1
31	8.0	1.7	4.9	44.4	47.7	92.8	172.2	13.2	12.2	12.2	12.2	1.4	371.1
32	—	—	—	—	—	—	—	—	—	—	—	—	—
33	5.4	7.9	1.0	23.0	27.7	122.2	172.2	162.3	122.7	42.6	37	1.4	371.1
34	0.7	—	15.3	48.2	18.2	109.7	23.2	100	94.4	13.0	1.5	1.5	29
1916	—	—	—	—	—	—	—	—	—	—	—	—	—
17	0.5	0.5	1.1	15.3	19.0	18.5	70.9	14.3	12.0	8.2	—	—	19.4
18	1.0	10.5	—	—	25.4	27.2	29.5	28.5	13.7	3.4	0.7	0.7	28.5
19	0.5	0.7	5.4	5.0	12.2	31.2	45.5	23.0	8.2	0.9	0.3	0.3	45.5
20	0.8	5.8	3.4	15.8	20.5	34.0	—	23.6	11.4	12.9	—	—	—
21	—	—	—	—	6.4	4.3	30.8	64.3	41.3	19.1	1.4	1.5	64.3
22	1.0	0.8	1.7	3.2	15.4	24.7	28.2	17.4	28.9	9.1	0.2	1.3	28.2
23	1.0	2.0	0.2	37.1	40.5	20.9	20.8	11.8	15.9	11.7	3.8	3.5	40.5
24	0.7	0.2	1.8	19.3	13.1	26.0	21.3	18.5	12.2	4.4	5.6	5.0	26.0
25	0.6	1.7	2.7	3.4	5.2	4.7	37.7	63.0	22.7	9.8	3.8	2.7	63.0
26	2.0	0.4	1.0	8.2	26.8	13.0	21.0	32.8	18.3	19.2	4.0	3.0	32.8
27	1.3	5.0	0.2	2.2	22.1	22.4	24.5	25.4	10.3	23.2	1.4	4.9	22.1
28	1.4	3.4	4.8	1.0	7.1	21.0	20.2	31.8	22.9	22.0	1.4	2.8	21.0
29	1.1	3.8	4.0	3.0	12.8	35.5	34.9	43.9	12.8	3.8	2.2	0.4	43.9
30	0.5	1.8	7.1	6.0	10.0	29.7	29.2	20.2	13.2	20.5	2.2	2.2	29.2
31	—	—	—	—	—	—	—	—	—	—	—	—	—
32	2.4	0.5	2.1	22.4	27.0	21.0	47.5	60.0	3.5	7.0	2.2	2.1	60.0
33	2.2	7.9	1.0	2.0	15.0	72.0	25.5	13.7	13.0	14.4	4.2	4.2	72.0
34	1.4	—	8.0	18.5	8.2	31.0	65.0	5.5	32.0	13.0	1.8	2.2	—
1916	7.6	11.3	13.2	76.0	112.6	120.6	105.3	112.0	62.5	32.8	22.8	20.3	712.0
17	22.9	29.7	42.1	63.1	102.1	118.0	111.9	110.5	24.8	11.5	27.2	27.2	212.7
18	14.2	—	—	—	22.2	122.7	114.8	121.1	26.7	23.9	23.0	22.8	214.0
19	22.2	—	22.6	98.2	127.7	124.5	129.5	123.4	79.2	72.3	20.1	20.8	214.0
1916	—	—	—	—	22.0	22.4	22.1	20.4	19.9	7.4	-4.1	-11.2	—
17	-18.4	-14.9	-5.3	8.2	17.0	26.2	22.2	22.1	22.1	9.2	-2.9	-12.0	6.3
18	-17.2	-13.5	—	—	12.2	12.2	22.2	22.2	19.1	12.3	-2.3	-12.7	—
19	-23.2	—	-1.8	2.2	12.2	12.2	12.2	12.2	12.2	12.2	-7.4	-2.2	—
1916	-11.6	-12.8	-4.0	-1.3	3.8	12.2	12.0	12.0	12.0	6.6	3.3	-1.9	3.7
17	-7.2	-2.4	-1.4	-1.0	2.0	10.2	12.1	12.1	12.1	12.1	12.1	12.1	12.1
18	-6.7	-7.0	-4.2	0.2	0.7	9.2	12.1	12.1	12.1	12.1	12.1	12.1	12.1
19	-2.2	—	-2.6	-1.1	2.1	7.2	12.1	12.1	12.1	12.1	12.1	12.1	12.1
1916	0.7	-1.2	-2.2	-1.4	-2.0	1.4	4.2	12.2	12.2	12.2	12.2	12.2	12.2
17	1.3	-2.2	-2.2	-2.2	0.2	3.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
18	1.2	1.4	-2.7	-2.4	0.2	2.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
19	-2.4	—	-2.2	-2.1	0.1	0.5	7.2	12.2	12.2	12.2	12.2	12.2	12.2
1916	2.7	1.2	0.2	0.2	0.4	1.1	4.2	12.2	12.2	12.2	12.2	12.2	12.2
17	2.2	2.2	1.2	1.2	1.1	2.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
18	2.2	2.2	1.2	1.2	1.1	2.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
19	2.2	2.2	1.2	1.2	1.1	2.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

254

RESTRICTED

STAT

874

RESTRICTED

I-lan

Number of rainy days

Number of clear days

Number of cloudy days

Number of foggy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1916	1	1	1	1	1	1	1	1	1	1	1	1	12
17	2	2	2	2	2	2	2	2	2	2	2	2	24
18	3	3	3	3	3	3	3	3	3	3	3	3	36
19	4	4	4	4	4	4	4	4	4	4	4	4	48
20	5	5	5	5	5	5	5	5	5	5	5	5	60
21	6	6	6	6	6	6	6	6	6	6	6	6	72
22	7	7	7	7	7	7	7	7	7	7	7	7	84
23	8	8	8	8	8	8	8	8	8	8	8	8	96
24	9	9	9	9	9	9	9	9	9	9	9	9	108
25	10	10	10	10	10	10	10	10	10	10	10	10	120
26	11	11	11	11	11	11	11	11	11	11	11	11	132
27	12	12	12	12	12	12	12	12	12	12	12	12	144
28	13	13	13	13	13	13	13	13	13	13	13	13	156
29	14	14	14	14	14	14	14	14	14	14	14	14	168
30	15	15	15	15	15	15	15	15	15	15	15	15	180
31	16	16	16	16	16	16	16	16	16	16	16	16	192
32	17	17	17	17	17	17	17	17	17	17	17	17	204
33	18	18	18	18	18	18	18	18	18	18	18	18	216
34	19	19	19	19	19	19	19	19	19	19	19	19	228
35	20	20	20	20	20	20	20	20	20	20	20	20	240
36	21	21	21	21	21	21	21	21	21	21	21	21	252
37	22	22	22	22	22	22	22	22	22	22	22	22	264
38	23	23	23	23	23	23	23	23	23	23	23	23	276
39	24	24	24	24	24	24	24	24	24	24	24	24	288
40	25	25	25	25	25	25	25	25	25	25	25	25	300
41	26	26	26	26	26	26	26	26	26	26	26	26	312
42	27	27	27	27	27	27	27	27	27	27	27	27	324
43	28	28	28	28	28	28	28	28	28	28	28	28	336
44	29	29	29	29	29	29	29	29	29	29	29	29	348
45	30	30	30	30	30	30	30	30	30	30	30	30	360
46	31	31	31	31	31	31	31	31	31	31	31	31	372
47	32	32	32	32	32	32	32	32	32	32	32	32	384
48	33	33	33	33	33	33	33	33	33	33	33	33	396
49	34	34	34	34	34	34	34	34	34	34	34	34	408
50	35	35	35	35	35	35	35	35	35	35	35	35	420
51	36	36	36	36	36	36	36	36	36	36	36	36	432
52	37	37	37	37	37	37	37	37	37	37	37	37	444
53	38	38	38	38	38	38	38	38	38	38	38	38	456
54	39	39	39	39	39	39	39	39	39	39	39	39	468
55	40	40	40	40	40	40	40	40	40	40	40	40	480
56	41	41	41	41	41	41	41	41	41	41	41	41	492
57	42	42	42	42	42	42	42	42	42	42	42	42	504
58	43	43	43	43	43	43	43	43	43	43	43	43	516
59	44	44	44	44	44	44	44	44	44	44	44	44	528
60	45	45	45	45	45	45	45	45	45	45	45	45	540
61	46	46	46	46	46	46	46	46	46	46	46	46	552
62	47	47	47	47	47	47	47	47	47	47	47	47	564
63	48	48	48	48	48	48	48	48	48	48	48	48	576
64	49	49	49	49	49	49	49	49	49	49	49	49	588
65	50	50	50	50	50	50	50	50	50	50	50	50	600
66	51	51	51	51	51	51	51	51	51	51	51	51	612
67	52	52	52	52	52	52	52	52	52	52	52	52	624
68	53	53	53	53	53	53	53	53	53	53	53	53	636
69	54	54	54	54	54	54	54	54	54	54	54	54	648
70	55	55	55	55	55	55	55	55	55	55	55	55	660
71	56	56	56	56	56	56	56	56	56	56	56	56	672
72	57	57	57	57	57	57	57	57	57	57	57	57	684
73	58	58	58	58	58	58	58	58	58	58	58	58	696
74	59	59	59	59	59	59	59	59	59	59	59	59	708
75	60	60	60	60	60	60	60	60	60	60	60	60	720
76	61	61	61	61	61	61	61	61	61	61	61	61	732
77	62	62	62	62	62	62	62	62	62	62	62	62	744
78	63	63	63	63	63	63	63	63	63	63	63	63	756
79	64	64	64	64	64	64	64	64	64	64	64	64	768
80	65	65	65	65	65	65	65	65	65	65	65	65	780
81	66	66	66	66	66	66	66	66	66	66	66	66	792
82	67	67	67	67	67	67	67	67	67	67	67	67	804
83	68	68	68	68	68	68	68	68	68	68	68	68	816
84	69	69	69	69	69	69	69	69	69	69	69	69	828
85	70	70	70	70	70	70	70	70	70	70	70	70	840
86	71	71	71	71	71	71	71	71	71	71	71	71	852
87	72	72	72	72	72	72	72	72	72	72	72	72	864
88	73	73	73	73	73	73	73	73	73	73	73	73	876
89	74	74	74	74	74	74	74	74	74	74	74	74	888
90	75	75	75	75	75	75	75	75	75	75	75	75	900
91	76	76	76	76	76	76	76	76	76	76	76	76	912
92	77	77	77	77	77	77	77	77	77	77	77	77	924
93	78	78	78	78	78	78	78	78	78	78	78	78	936
94	79	79	79	79	79	79	79	79	79	79	79	79	948
95	80	80	80	80	80	80	80	80	80	80	80	80	960
96	81	81	81	81	81	81	81	81	81	81	81	81	972
97	82	82	82	82	82	82	82	82	82	82	82	82	984
98	83	83	83	83	83	83	83	83	83	83	83	83	996
99	84	84	84	84	84	84	84	84	84	84	84	84	1008
100	85	85	85	85	85	85	85	85	85	85	85	85	1020

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

255

STAT

STAT

STAT

RESTRICTED

蒙 I-lan

Number of days of hail

Number of days of soft hail

Number of days with electrical storms

Number of stormy days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
雹日数 1917	||	||	||	||	||	||	||	||	||	||	||	||	||
18	||	||	||	||	||	||	||	||	||	||	||	||	||
19	||	||	||	||	||	||	||	||	||	||	||	||	||
20	||	||	||	||	||	||	||	||	||	||	||	||	||
21	||	||	||	||	||	||	||	||	||	||	||	||	||
22	||	||	||	||	||	||	||	||	||	||	||	||	||
23	||	||	||	||	||	||	||	||	||	||	||	||	||
24	||	||	||	||	||	||	||	||	||	||	||	||	||
25	||	||	||	||	||	||	||	||	||	||	||	||	||
26	||	||	||	||	||	||	||	||	||	||	||	||	||
27	||	||	||	||	||	||	||	||	||	||	||	||	||
28	||	||	||	||	||	||	||	||	||	||	||	||	||
29	||	||	||	||	||	||	||	||	||	||	||	||	||
30	||	||	||	||	||	||	||	||	||	||	||	||	||
31	||	||	||	||	||	||	||	||	||	||	||	||	||
全年	||	||	||	||	||	||	||	||	||	||	||	||	||
霏日数 1916	||	||	||	||	||	||	||	||	||	||	||	||	||
17	||	||	||	||	||	||	||	||	||	||	||	||	||
18	||	||	||	||	||	||	||	||	||	||	||	||	||
19	||	||	||	||	||	||	||	||	||	||	||	||	||
20	||	||	||	||	||	||	||	||	||	||	||	||	||
21	||	||	||	||	||	||	||	||	||	||	||	||	||
22	||	||	||	||	||	||	||	||	||	||	||	||	||
23	||	||	||	||	||	||	||	||	||	||	||	||	||
24	||	||	||	||	||	||	||	||	||	||	||	||	||
25	||	||	||	||	||	||	||	||	||	||	||	||	||
26	||	||	||	||	||	||	||	||	||	||	||	||	||
27	||	||	||	||	||	||	||	||	||	||	||	||	||
28	||	||	||	||	||	||	||	||	||	||	||	||	||
29	||	||	||	||	||	||	||	||	||	||	||	||	||
30	||	||	||	||	||	||	||	||	||	||	||	||	||
31	||	||	||	||	||	||	||	||	||	||	||	||	||
全年	||	||	||	||	||	||	||	||	||	||	||	||	||
雷雨日数 1917	||	||	||	||	||	||	||	||	||	||	||	||	||
18	||	||	||	||	||	||	||	||	||	||	||	||	||
19	||	||	||	||	||	||	||	||	||	||	||	||	||
20	||	||	||	||	||	||	||	||	||	||	||	||	||
21	||	||	||	||	||	||	||	||	||	||	||	||	||
22	||	||	||	||	||	||	||	||	||	||	||	||	||
23	||	||	||	||	||	||	||	||	||	||	||	||	||
24	||	||	||	||	||	||	||	||	||	||	||	||	||
25	||	||	||	||	||	||	||	||	||	||	||	||	||
26	||	||	||	||	||	||	||	||	||	||	||	||	||
27	||	||	||	||	||	||	||	||	||	||	||	||	||
28	||	||	||	||	||	||	||	||	||	||	||	||	||
29	||	||	||	||	||	||	||	||	||	||	||	||	||
30	||	||	||	||	||	||	||	||	||	||	||	||	||
31	||	||	||	||	||	||	||	||	||	||	||	||	||
全年	||	||	||	||	||	||	||	||	||	||	||	||	||
最大降雪量 1916	||	||	||	||	||	||	||	||	||	||	||	||	||
17	||	||	||	||	||	||	||	||	||	||	||	||	||
18	||	||	||	||	||	||	||	||	||	||	||	||	||
19	||	||	||	||	||	||	||	||	||	||	||	||	||
20	||	||	||	||	||	||	||	||	||	||	||	||	||
21	||	||	||	||	||	||	||	||	||	||	||	||	||
22	||	||	||	||	||	||	||	||	||	||	||	||	||
23	||	||	||	||	||	||	||	||	||	||	||	||	||
24	||	||	||	||	||	||	||	||	||	||	||	||	||
25	||	||	||	||	||	||	||	||	||	||	||	||	||
26	||	||	||	||	||	||	||	||	||	||	||	||	||
27	||	||	||	||	||	||	||	||	||	||	||	||	||
28	||	||	||	||	||	||	||	||	||	||	||	||	||
29	||	||	||	||	||	||	||	||	||	||	||	||	||
30	||	||	||	||	||	||	||	||	||	||	||	||	||
31	||	||	||	||	||	||	||	||	||	||	||	||	||
全年	||	||	||	||	||	||	||	||	||	||	||	||	||

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

256

RESTRICTED

STAT

STAT

RESTRICTED

376

So-lun

- Mean barometric pressure of freezing point
- Highest barometric pressure of freezing point
- Lowest barometric pressure of freezing point
- Mean barometric pressure of sea level
- Mean atmospheric temperature
- Mean maximum atmospheric temperature
- Mean minimum atmospheric temperature
- High limit of atmospheric temperature
- Low limit of atmospheric temperature
- Vapor pressure
- Mean humidity
- Minimum degree of humidity
- Mean cloud density
- Mean wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓	1937	17.0	16.5	16.1	16.5	16.8	16.8	17.8	17.8	17.7	18.0	18.2	18.2
平均	38	17.5	16.3	16.0	16.6	16.8	16.8	17.8	17.8	17.7	18.0	18.2	18.2
最高	39	17.9	17.8	17.5	18.7	18.7	18.7	19.8	19.8	19.7	20.0	20.2	20.2
最低	38	16.1	15.2	15.1	15.9	15.9	15.9	16.8	16.8	16.7	17.0	17.2	17.2
海平面	1937	706.3	704.9	704.9	705.1	707.1	707.1	707.5	707.4	707.3	707.3	707.4	707.1
平均	38	707.4	704.9	705.1	707.4	707.1	707.1	707.5	707.4	707.3	707.3	707.4	707.1
最高	39	711.0	709.4	709.9	711.1	713.1	713.1	713.5	713.4	713.3	713.3	713.4	713.1
最低	38	701.8	702.8	704.5	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3
平均	40	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3	703.3
最高	1937	-12.7	-1.4	-1.9	10.4	18.9	25.4	28.4	27.5	19.8	18.8	-0.8	-14.8
平均	38	-12.9	-2.1	0.0	13.8	18.0	25.3	28.6	27.7	19.7	18.8	-1.0	-15.0
最高	39	-12.7	-2.6	1.5	14.5	19.5	26.1	28.8	27.7	19.4	18.8	-1.0	-15.1
最低	40	-13.7	-6.6	2.9	11.8	17.1	24.4	27.4	26.4	18.1	18.1	-3.5	-15.0
最高	1937	-23.0	-19.9	-17.5	-3.9	5.6	11.2	14.6	13.8	4.7	-3.6	-13.9	-24.3
平均	38	-24.5	-21.1	-19.7	-1.8	5.3	12.9	15.8	13.3	5.0	-1.7	-11.9	-21.3
最高	39	-23.3	-19.5	-18.1	-1.7	4.4	11.3	17.8	15.0	5.3	-3.1	-12.0	-20.0
最低	40	-26.8	-21.4	-19.3	-3.3	—	10.4	14.9	10.2	4.5	-4.1	-13.8	-19.6
最高	1937	-2.1	6.1	4.8	19.9	28.7	33.6	36.8	40.8	37.8	22.1	13.3	-3.0
平均	38	-0.5	5.0	18.1	28.3	33.6	34.4	33.6	36.3	32.8	19.9	12.8	-2.6
最高	39	-2.4	2.4	6.6	22.3	28.5	33.3	34.8	35.3	34.9	22.9	13.8	3.4
最低	1937	-28.8	-28.6	-24.7	-18.0	0.3	1.9	9.7	1.9	-8.5	-14.6	-24.4	-34.3
平均	38	-31.5	-30.5	-28.6	-19.5	-2.0	5.3	8.0	4.0	-4.4	-12.8	-21.5	-31.5
最高	39	-24.1	-22.1	-17.8	-14.4	-2.0	5.8	12.6	8.0	-1.4	-10.5	-18.5	-24.1
水汽壓力	1937	0.8	1.0	1.1	2.3	4.5	9.4	12.0	10.5	6.9	3.4	1.5	0.7
平均	38	0.7	1.1	1.7	2.9	4.8	9.7	12.9	11.9	7.2	4.3	1.6	0.8
最高	39	0.8	1.1	1.6	3.5	4.8	10.0	12.5	12.0	6.9	3.4	1.8	1.3
平均	1937	62.3	77.5	83.3	83.1	81.9	82.9	66.1	61.8	64.1	53.8	52.1	64.7
最高	38	62.3	81.5	83.9	82.8	82.7	81.0	72.8	66.6	72.8	62.4	52.4	67.0
最低	39	72	81	81	85	84	71	62	74	68	60	50	67
平均	40	61	62	81	48	64	55	73	72	45	31	47	74
最小	1937	25	6	13	3	8	26	27	25	26	20	24	43
平均	38	45	27	13	13	15	15	27	31	26	21	20	28
最高	39	44	31	18	3	13	15	27	31	26	21	20	28
平均	1937	2.8	3.3	4.1	4.4	5.6	5.4	6.1	6.1	4.6	3.8	3.2	4.0
最高	38	2.8	3.3	3.8	4.7	5.9	5.6	6.3	6.3	4.6	3.8	3.2	4.0
最低	39	2.9	3.1	3.8	4.7	5.9	5.6	6.3	6.3	4.6	3.8	3.2	4.0
平均	1937	2.8	3.4	3.6	3.6	4.8	5.8	5.1	5.7	4.7	3.8	3.2	4.0
最高	38	2.8	3.4	3.6	3.6	4.8	5.8	5.1	5.7	4.7	3.8	3.2	4.0
最低	39	2.8	3.4	3.6	3.6	4.8	5.8	5.1	5.7	4.7	3.8	3.2	4.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED

So-lun

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Mean ground level temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
最大風速 1937	12.8	18.7	21.6	22.8	18.4	14.7	12.3	12.3	14.9	15.3	18.8	14.9
38	16.8	15.0	19.1	19.9	27.3	27.5	12.1	12.1	11.5	17.5	12.5	12.3
39	12.3	15.3	15.8	14.7	15.8	17.3	15.3	11.4	13.7	19.3	14.9	15.7
降水量 1937	2.6	2.7	4.4	27.5	27.3	15.4	73.5	45.5	34.0	0.5	2.2	7.4
38	2.8	3.0	0.5	9.3	16.3	104.7	120.5	127.0	85.1	22.0	2.0	7.3
39	2.9	1.3	1.4	5.4	10.8	152.3	166.7	168.8	86.5	22.1	3.8	5.6
40	3.9	2.3	7.5	1.9	—	75.2	94.3	66.3	34.4	10.3	26.4	3.5
最大日量 1937	2.6	1.1	1.8	9.4	10.0	21.7	21.3	21.4	14.3	0.5	1.4	3.7
38	1.5	1.7	0.5	2.3	15.9	34.4	32.3	44.8	30.8	11.8	1.8	3.1
39	1.6	0.7	0.7	2.9	4.0	30.8	28.7	55.4	32.4	12.2	2.5	2.8
日照時數 1937	233.8	227.9	247.8	276.4	275.0	273.5	271.5	201.6	228.8	237.8	216.0	213.0
38	221.8	226.1	279.3	253.7	234.1	254.4	224.0	223.7	196.7	234.4	202.1	198.2
39	210.9	232.7	280.8	254.1	295.8	219.5	191.6	258.8	215.7	227.8	214.4	197.1
40	195.1	237.8	276.1	282.7	—	237.7	225.1	227.3	234.0	248.9	171.5	182.0
日照率 1937	84	79	67	68	59	67	57	69	63	71	74	80
38	79	72	75	62	59	54	56	51	53	70	72	74
39	75	83	71	62	66	47	40	59	58	68	76	85
蒸發量 1937	28.2	44.1	62.8	175.0	227.3	215.4	201.1	205.0	225.9	100.4	51.3	40.1
38	39.8	28.2	154.7	246.4	220.2	220.0	213.3	181.3	130.7	74.1	30.5	27.6
39	37.3	55.6	105.4	197.6	270.2	177.2	168.8	187.8	145.0	119.2	72.3	51.8
40	45.0	59.1	131.8	210.7	—	218.1	188.1	184.0	183.1	128.4	52.8	36.4
最大日量 1937	1.3	4.4	3.5	15.3	19.3	17.0	17.9	17.2	14.2	10.5	6.7	2.2
38	1.9	3.4	9.3	15.1	19.9	(21.2)	10.8	9.4	9.0	8.1	5.0	2.3
39	2.2	3.4	5.7	11.8	13.4	11.5	9.6	11.1	7.1	8.4	5.0	4.3
平均 1937	-25.4	-22.9	-20.8	-7.1	2.6	8.9	12.4	11.1	1.9	-7.2	-17.1	-22.5
38	-25.7	-22.0	-12.0	-2.8	2.0	11.9	15.8	12.9	3.9	-2.9	-12.9	-22.9
39	-26.9	-21.6	-13.2	-3.6	2.8	9.9	12.7	13.8	4.7	-4.9	-14.5	-19.6
40	-25.9	-23.5	-13.2	-5.2	—	8.9	13.3	8.8	2.7	-3.9	-15.2	-21.3
平均 1937	-12.6	-10.0	-1.8	6.1	15.9	22.2	25.6	24.8	6.2	-1.9	-17.6	-2.4
38	-17.4	-10.1	1.8	8.2	14.3	22.1	25.3	21.5	12.6	4.7	-4.1	-15.9
39	-17.2	-9.3	-1.7	9.7	16.2	18.7	24.1	24.0	13.8	4.4	-2.2	-9.9
40	-17.2	-11.5	-0.5	7.5	—	20.3	24.1	21.1	15.2	6.2	-16.9	-13.1
地下 1937	-13.4	-10.5	-4.2	2.0	12.6	20.3	22.4	22.7	12.7	7.1	3.0	-12.8
(6m) 38	-12.6	-10.9	-1.6	6.4	12.0	19.4	22.2	19.7	12.2	6.1	-2.9	-12.5
39	-15.5	-10.3	-3.4	3.1	12.2	18.2	21.9	21.4	12.8	4.1	-3.0	-2.4
40	-14.5	-11.4	-3.1	3.4	—	17.0	22.9	18.3	12.4	5.9	-3.5	-2.2
地下 1937	-10.7	-9.1	-1.2	2.4	11.1	19.0	21.6	21.8	12.0	7.2	-1.1	-12.0
(20m) 38	-12.5	-10.2	-2.4	3.1	10.7	18.1	21.0	19.4	12.0	7.0	-1.4	-10.7
39	-14.1	-9.7	-3.3	4.4	12.2	18.2	21.2	12.5	12.1	5.7	-1.3	-7.1
40	-12.9	-12.1	-2.1	2.1	—	12.4	20.4	18.3	12.0	7.0	-1.7	-2.2
地下 1937	-2.6	-2.0	5.3	1.3	9.4	17.6	22.2	21.0	12.0	8.1	2.4	-2.2
(30m) 38	-11.2	-2.4	-2.7	0.1	8.3	12.4	19.9	19.1	12.3	8.1	0.1	-2.2
39	-12.8	-2.2	-2.3	2.7	11.4	12.3	22.2	21.2	12.1	8.1	0.2	-2.2
40	-11.0	-2.4	-2.1	2.1	—	12.4	22.2	17.9	7.7	8.1	-2.2	-2.2
地下 1937	-2.6	-2.2	2.4	0.0	9.2	12.4	22.2	21.0	12.0	8.1	2.4	-2.2
(30m) 38	-11.2	-2.2	-2.7	0.1	8.3	12.4	19.9	19.1	12.3	8.1	0.1	-2.2
39	-12.8	-2.2	-2.3	2.7	11.4	12.3	22.2	21.2	12.1	8.1	0.2	-2.2
40	-11.0	-2.4	-2.1	2.1	—	12.4	22.2	17.9	7.7	8.1	-2.2	-2.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

258 RESTRICTED

STAT

STAT

376

HEILONGJIANG

So-lun

Underground temperature

" " "

" " "

" " "

" " "

" " "

Number of rainy days

Number of clear days

Number of cloudy days

Number of days with hail

Number of days with soft hail

Number of days without sunshine

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1937	-11.5	-8.2	-5.9	-3.8	-1.9	0.3	15.1	22.0	26.1	26.5	27.7	28.2	14.2
38	-9.5	-6.5	-4.7	-2.9	-1.9	0.3	16.1	23.0	27.0	27.5	28.0	28.5	14.5
39	-10.5	-7.5	-5.8	-3.8	-2.0	0.4	16.5	23.5	27.5	28.0	28.5	29.0	14.8
40	-11.0	-8.0	-6.0	-4.0	-2.0	0.5	17.0	24.0	28.0	28.5	29.0	29.5	15.0
1937	-3.8	-2.8	-2.1	-1.1	0.1	1.7	3.7	5.8	7.9	10.0	12.1	14.2	6.5
38	-3.5	-2.5	-1.8	-0.8	0.2	1.8	3.8	5.9	8.0	10.1	12.2	14.3	6.8
39	-3.2	-2.2	-1.5	-0.5	0.3	1.9	3.9	6.0	8.1	10.2	12.3	14.4	7.0
40	-3.0	-2.0	-1.3	-0.3	0.4	2.0	4.0	6.1	8.2	10.3	12.4	14.5	7.2
1937	2.1	0.3	-0.8	-1.8	-2.8	-3.8	-4.8	-5.8	-6.8	-7.8	-8.8	-9.8	-10.8
38	1.1	-0.2	-0.6	-1.6	-2.6	-3.6	-4.6	-5.6	-6.6	-7.6	-8.6	-9.6	-10.6
39	0.8	-0.6	-1.0	-2.0	-3.0	-4.0	-5.0	-6.0	-7.0	-8.0	-9.0	-10.0	-11.0
40	1.7	-0.3	-0.4	-1.4	-2.4	-3.4	-4.4	-5.4	-6.4	-7.4	-8.4	-9.4	-10.4
1937	3.7	1.9	1.4	1.3	1.9	4.1	6.8	9.5	12.2	14.9	17.6	20.3	23.0
38	2.6	1.8	1.0	1.8	2.3	4.4	7.1	9.8	12.5	15.2	17.9	20.6	23.3
39	3.5	1.6	1.0	1.1	1.8	4.4	7.1	9.8	12.5	15.2	17.9	20.6	23.3
40	4.1	2.1	1.3	1.2	1.9	4.3	7.0	9.7	12.4	15.1	17.8	20.5	23.2
1937	5.8	4.3	3.3	2.6	2.1	3.4	5.1	7.1	9.1	11.1	13.1	15.1	17.1
38	5.3	3.8	2.8	2.4	2.0	3.0	5.0	7.0	9.0	11.0	13.0	15.0	17.0
39	5.4	3.9	2.9	2.5	2.2	3.1	5.0	7.0	9.0	11.0	13.0	15.0	17.0
40	5.9	4.1	3.1	2.5	2.1	3.2	5.1	7.1	9.1	11.1	13.1	15.1	17.1
1937	6.7	5.4	4.4	3.6	3.2	3.5	4.5	6.0	7.4	8.8	10.2	11.6	13.0
38	6.3	5.0	4.0	3.4	3.0	3.6	4.7	6.2	7.6	9.0	10.4	11.8	13.2
39	6.3	5.1	4.0	3.4	3.1	3.6	4.6	6.1	7.5	8.9	10.3	11.7	13.1
40	6.7	5.4	4.4	3.7	3.3	3.7	4.7	6.2	7.6	9.0	10.4	11.8	13.2
1937	1	1	7	7	10	16	16	6	8	1	4	5	77
38	3	3	1	7	11	16	16	18	10	7	4	8	104
39	7	4	3	7	7	15	15	15	15	4	4	4	118
40	7	5	4	4	18	19	14	10	4	7	9	9	125
1937	10	10	9	6	4	1	10	6	13	18	18	16	116
38	14	15	15	8	3	3	6	1	4	12	13	15	107
39	13	17	10	8	4	1	3	3	8	8	10	14	94
40	15	13	11	5	1	1	3	9	10	11	11	18	100
1937	8	8	4	6	7	8	8	7	4	6	3	8	53
38	1	8	1	5	9	11	8	10	10	6	1	1	25
39	1	1	3	8	4	10	12	10	10	6	2	1	25
40	8	3	4	8	4	17	17	16	9	5	8	9	53
1937	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1	1	1	1	1	1
1937	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1	1	1	1	1	1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute, February 1942

259 RESTRICTED

STAT

STAT

STAT

RESTRICTED

So-lun

Number of days of electrical storms
 Number of stormy days
 Number of freezing days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
電雷日數 1937	---	---	---	---	---	---	---	---	---	---	---	---	---
38	---	---	---	---	---	---	---	---	---	---	---	---	---
39	---	---	---	---	---	---	---	---	---	---	---	---	---
40	---	---	---	---	---	---	---	---	---	---	---	---	---
暴風日數 1937	5	8	3	14	15	4	4	6	10	6	4	15	108
38	11	8	13	12	10	8	7	3	8	7	6	15	108
39	3	8	12	8	18	4	1	1	6	7	9	9	108
40	4	8	12	10	---	6	---	---	8	5	4	---	108
冰日數 1937	31	28	31	22	2	---	---	---	---	29	30	31	286
38	31	28	29	13	4	---	---	---	---	20	29	31	286
39	31	28	31	15	4	---	---	---	---	22	29	31	286
40	31	29	31	25	4	---	---	---	---	22	29	31	286

Chia-mu-szu

佳木斯

Mean barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Mean barometric pressure at sea level
 Mean atmospheric temperature
 Mean maximum atmospheric temperature
 Mean minimum atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Vapor pressure

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水點氣壓 1938 (+700mm)	59.8	55.5	55.6	46.8	46.8	46.5	46.9	49.6	51.7	55.3	57.9	59.9	52.7
39	61.2	60.8	53.7	54.3	49.4	45.0	47.9	50.1	50.9	50.3	55.9	59.4	53.3
40	---	---	---	---	---	---	---	---	---	---	---	---	---
水點氣壓 1938 最高 (+700mm)	70.3	64.9	64.0	61.8	55.4	58.0	54.1	59.7	60.5	66.5	69.3	68.3	60.3
39	---	---	---	---	---	---	---	---	---	---	---	---	---
40	---	---	---	---	---	---	---	---	---	---	---	---	---
水點氣壓 1938 最低 (+700mm)	49.7	37.4	46.5	30.1	33.5	37.8	39.8	41.3	37.9	45.5	43.7	39.9	33.5
39	---	---	---	---	---	---	---	---	---	---	---	---	---
40	---	---	---	---	---	---	---	---	---	---	---	---	---
海平面氣壓 1938 (+700mm)	69.7	65.2	64.9	55.6	55.5	55.0	55.2	58.0	60.4	64.4	67.3	69.6	61.9
39	71.2	69.9	62.9	61.5	57.7	53.5	54.1	56.5	59.4	63.4	65.2	69.1	62.5
40	---	---	---	---	---	---	---	---	---	---	---	---	---
平均氣溫 1938	-18.6	15.5	-2.9	6.1	13.4	19.9	24.5	22.1	13.7	6.0	-4.4	-10.7	3.1
39	-21.1	14.5	-3.0	6.8	13.3	17.7	23.8	23.8	14.9	4.1	-4.4	-10.6	3.1
40	-19.8	14.3	-4.7	4.8	---	18.0	22.5	20.3	14.8	5.0	-6.1	-10.6	---
最高氣溫 1938 平均	-13.0	-2.0	3.2	18.0	19.5	24.4	30.0	29.9	18.8	12.1	-2.4	-13.5	5.1
39	-11.7	-4.9	2.8	13.8	20.8	22.7	28.2	29.7	19.7	10.4	-2.9	-8.1	5.4
40	-14.8	-7.0	2.8	12.4	---	23.7	27.8	25.0	11.1	11.7	-1.2	-10.0	---
最低氣溫 1938 平均	-23.8	-21.9	-11.4	-6.8	7.3	14.1	19.4	17.4	6.3	-2.3	-11.8	-20.8	-4.3
39	-24.0	-21.9	-9.1	-6.5	6.9	13.8	20.0	18.9	2.2	-1.2	-11.6	-20.2	-4.3
40	-24.2	-21.9	-11.8	-6.8	---	14.3	18.1	17.4	2.8	-1.5	-10.7	-22.0	---
最高極限 1938	-2.3	-1.4	14.1	26.4	30.3	33.0	34.3	33.4	20.7	20.4	12.8	-2.1	14.1
39	-4.3	1.3	7.1	21.7	28.0	32.1	33.9	34.4	22.1	22.3	12.8	-2.1	14.1
40	---	---	---	---	---	---	---	---	---	---	---	---	---
最低極限 1938	-28.7	-29.0	-20.4	-14.9	-11.1	7.5	11.9	12.5	2.5	-4.6	-12.8	-22.2	-22.2
39	-27.4	-23.3	-17.4	-12.3	-11.1	11.5	11.5	11.5	2.5	-4.6	-12.8	-22.2	-22.2
40	---	---	---	---	---	---	---	---	---	---	---	---	---
水蒸氣壓力 1938	4.4	1.4	4.4	6.7	9.6	11.8	13.7	13.7	8.4	5.8	3.1	2.5	4.2
39	4.4	1.4	4.4	6.7	9.6	11.8	13.7	13.7	8.4	5.8	3.1	2.5	4.2
40	---	---	---	---	---	---	---	---	---	---	---	---	---

#12 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

260 RESTRICTED

STAT

Mean humidity
 Minimum degree of humidity
 Mean cloud density
 Mean wind velocity
 Maximum wind velocity
 Rainfall
 Maximum rainfall per day
 Insolation capacity (in hours)
 Percentage of insolation capacity
 Evaporative capacity
 Maximum evaporative capacity per day
 Mean minimum earth temperature
 Mean ground level temperature
 Underground temperature
 " " "
 " " "

Chi-mu-ssu
 錦 木

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
平均湿度 1938	75	76	88	88	85	89	81	81	80	78	78	77
39	75	76	88	88	85	89	81	81	80	78	78	77
40	75	76	88	88	85	89	81	81	80	78	78	77
最小湿度 1938	46	49	57	50	58	54	38	37	40	48	51	50
39	53	54	55	50	53	58	45	38	44	50	56	56
40	53	54	55	50	53	58	45	38	44	50	56	56
平均云量 1938	3.6	4.5	3.9	7.0	7.5	8.0	6.1	7.8	7.8	6.5	6.0	5.7
39	3.1	3.3	6.4	5.7	6.0	7.7	7.7	5.3	6.9	6.4	4.3	3.0
40	3.1	3.3	6.4	5.7	6.0	7.7	7.7	5.3	6.9	6.4	4.3	3.0
平均风速 1938	3.7	2.0	2.7	4.0	3.9	2.6	2.6	2.1	2.1	2.5	2.5	2.0
39	2.6	2.8	2.5	2.7	2.7	2.1	2.5	1.8	2.2	2.5	3.1	2.0
40	2.6	2.8	2.5	2.7	2.7	2.1	2.5	1.8	2.2	2.5	3.1	2.0
最大风速 1938	17.1	9.6	12.7	17.3	20.5	13.9	10.3	11.0	8.5	13.4	14.2	10.0
39	11.5	10.9	11.4	15.9	14.4	12.8	12.3	10.2	11.5	17.5	12.1	13.5
40	11.5	10.9	11.4	15.9	14.4	12.8	12.3	10.2	11.5	17.5	12.1	13.5
降水量 1938	4.3	20.4	8.1	16.7	60.7	87.3	82.7	120.4	126.4	33.3	9.4	1.7
39	10.1	1.4	6.4	47.7	25.7	132.9	160.7	49.7	120.7	8.4	5.1	6.8
40	6.3	1.3	13.1	23.1	—	108.5	222.8	141.3	42.8	29.7	26.9	13.5
最大日量 1938	3.0	9.9	7.7	4.6	11.6	35.0	28.2	45.1	10.3	4.4	1.7	28.9
39	2.3	1.1	2.3	16.6	6.1	25.8	49.4	27.5	31.8	4.9	3.0	2.3
40	2.3	1.1	2.3	16.6	6.1	25.8	49.4	27.5	31.8	4.9	3.0	2.3
日照时数 1938	188.4	207.7	293.1	286.4	237.8	220.7	222.6	192.0	162.0	202.2	162.1	220.7
39	196.1	230.3	204.4	239.9	272.2	195.4	217.7	229.9	166.6	207.5	173.9	221.6
40	147.4	228.4	214.9	190.7	—	211.6	215.2	230.4	226.1	140.9	146.8	—
日照率 1938	68	72	80	46	51	47	61	45	43	60	60	68
39	70	80	56	59	80	41	46	59	44	62	62	59
40	70	80	56	59	80	41	46	59	44	62	62	59
蒸发量 1938	20.2	21.7	63.3	127.8	177.2	182.4	193.4	132.7	87.0	78.0	37.6	20.3
39	22.8	20.7	56.1	126.6	195.1	125.2	162.1	182.8	22.7	20.5	27.2	21.9
40	21.4	24.8	73.4	114.8	—	146.9	158.6	141.5	103.8	24.5	—	—
最大蒸发量 1938	1.0	1.2	3.3	9.7	(10.5)	13.5	8.9	7.2	5.9	5.3	2.4	1.1
39	0.9	1.7	2.7	8.8	14.6	8.7	9.0	10.0	5.7	4.3	2.5	13.1
40	0.9	1.7	2.7	8.8	14.6	8.7	9.0	10.0	5.7	4.3	2.5	13.1
平均最低地温 1938	-26.9	-22.9	-14.3	-3.7	5.2	11.1	17.6	16.6	8.0	-0.9	-12.3	-21.7
39	-28.9	-22.9	-9.2	-1.4	4.3	11.5	18.1	15.9	5.9	-2.9	-12.4	-22.2
40	-25.7	-23.8	-12.4	-2.2	—	10.8	17.1	12.9	4.2	-2.4	-13.1	-23.6
平均地面温度 1938	-17.1	-12.6	-1.0	7.6	16.5	24.2	29.8	25.1	15.3	6.2	-3.6	-12.9
39	-18.0	-10.9	0.0	8.8	16.7	19.7	25.7	27.7	12.6	2.8	-4.3	-11.9
40	-17.6	-11.3	-1.8	6.6	—	21.1	24.8	22.0	5.8	—	-4.4	-11.8
地下10cm温度 1938	-15.2	-12.0	-2.9	5.2	13.6	21.8	26.5	23.1	14.9	6.7	-2.2	-12.2
39	-14.7	-10.8	-2.3	5.0	19.7	17.3	23.6	24.5	12.5	5.5	-2.4	-12.1
40	-14.8	-11.3	-3.3	3.4	—	17.5	22.4	20.7	12.8	5.8	-2.2	-12.2
地下20cm温度 1938	-14.0	-11.5	-3.2	3.6	11.6	19.1	24.9	22.7	12.0	5.3	-2.3	-12.2
39	-12.6	-9.7	-2.5	3.9	11.4	18.3	22.8	24.4	12.4	5.2	-1.9	-12.2
40	-13.7	-10.5	-3.2	2.7	—	18.2	21.7	20.5	12.0	6.4	-1.4	-12.2
地下30cm温度 1938	-12.0	-10.5	-2.8	1.2	8.5	19.2	22.2	22.2	12.2	5.2	-2.1	-12.2
39	-12.4	-9.1	-2.4	2.9	10.4	15.4	21.9	22.2	12.2	5.2	-2.1	-12.2
40	-12.2	-9.2	-2.5	1.7	—	12.3	20.9	22.1	12.2	5.4	-2.1	-12.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1941

261 RESTRICTED

STAT

STAT

RESTRICTED

Chia-mu-szu
木 嶺

Underground temperature

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

Number of rainy days

Number of clear days

Number of cloudy days

Number of days with hail

Number of days with soft
hall

Number of days without
sunshine

Number of days with ele-
ctrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
地中温度 1938 (0.5m) 39 40	-0.1 -0.1 -0.4	-0.4 -0.9 -0.4	-1.1 -1.5 -1.9	0.3 0.4 0.1	1.8 2.6 11.9	13.5 10.3 15.3	20.5 18.1 15.3	17.0 16.0 16.5	14.1 12.0 10.5	8.8 8.5 8.0	5.0 4.7 4.8	0.8 0.8 0.8
地中温度 1938 (1.0m) 39 40	-1.3 -1.0 -1.0	-0.3 -1.8 -1.4	-1.5 -1.9 -1.8	-0.6 -0.7 -0.8	0.8 1.1 0.5	7.3 6.8 6.5	15.0 14.0 13.8	17.7 17.8 16.5	14.8 13.3 13.3	11.4 10.3 10.7	6.1 6.0 5.4	1.0 1.5 1.8
地中温度 1938 (3.0m) 39 40	2.0 3.0 3.6	1.4 1.3 1.7	0.6 0.7 1.0	0.5 0.8 0.9	0.5 0.8 1.4	5.5 5.5 5.4	8.6 7.9 7.7	12.4 11.8 11.5	13.3 13.1 13.3	11.7 11.7 11.1	8.0 8.8 8.1	1.8 1.9 2.0
地中温度 1938 (5.0m) 39 40	4.5 4.9 5.1	3.3 3.2 3.5	2.2 2.2 2.3	1.7 1.6 1.8	1.5 1.5 2.1	2.1 2.1 2.1	2.8 2.8 2.7	2.8 2.8 2.8	20.4 19.1 18.8	10.3 10.3 9.8	8.9 8.9 8.5	7.0 7.0 6.6
地中温度 1938 (4.0m) 39 40	6.7 6.6 6.8	5.5 5.4 5.6	4.5 4.5 4.7	3.9 3.9 4.1	3.5 3.5 3.8	3.5 3.8 4.7	5.0 4.8 4.7	7.1 6.9 6.7	8.8 8.4 8.3	9.5 9.0 8.9	9.0 8.0 8.7	8.0 8.0 7.7
地中温度 1938 (5.0m) 39 40	7.2 7.2 7.2	6.4 6.4 6.4	5.6 5.6 5.7	5.0 4.9 5.0	4.5 4.8 4.3	4.3 4.8 4.6	4.7 4.8 4.6	5.0 5.8 5.9	7.1 7.1 7.8	7.9 8.2 8.0	8.2 8.5 8.0	7.9 8.0 7.7
降水日数 1938 39 40	5 11 12	7 3 4	2 8 13	10 9 9	17 13 15	12 19 22	13 20 22	14 16 15	16 16 10	8 3 8	5 6 11	7 7 10
快晴日数 1938 39 40	10 16 14	8 12 15	9 11 13	8 6 3	1 3 1	1 1 1	1 7 6	1 2 10	2 2 10	4 7 6	12 9 9	14 11 11
晴日数 1938 39 40	3 10 10	7 4 6	6 12 12	15 12 12	17 11 14	21 19 20	11 19 13	20 14 9	16 14 9	5 5 8	6 6 8	12 12 10
霰日数 1938 39 40	---	---	---	---	1 1 1	1 1 1	---	---	---	---	---	---
霏日数 1938 39 40	---	---	---	---	---	---	---	---	---	---	---	---
不明日数 1938 39 40	1 2 4	3 1 1	1 1 3	1 4 5	3 ---	1 4	1 1	4 2	2 2	3 2	1 7	---
雷雨日数 1938 39 40	---	---	---	---	3 1 1	1 7 1	1 1 1	2 2 2	3 3 3	---	---	---
总雷雨日数 1938 39 40	---	---	---	---	4 1 1	8 8 2	2 8 2	7 4 5	5 5 6	3 2 3	---	---

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

262 RESTRICTED

STAT

STAT

RESTRICTED

STAT

Number of earthquakes

Number of freezing days

889 Chia-mu-sau

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地震回数 1909	—	—	—	—	—	—	—	—	—	—	—	—	—
水日数 1908	31	28	26	21	—	—	—	—	—	—	—	—	126
1909	31	28	26	21	—	—	—	—	—	—	—	—	126
1910	31	28	26	21	—	—	—	—	—	—	—	—	126

Ang-ang-ch'i

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

馬 溪

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1909	56.6	59.0	59.8	60.9	61.5	61.6	61.5	61.7	62.7	63.8	64.3	64.8	63.8
1910	56.6	59.0	59.8	60.9	61.5	61.6	61.5	61.7	62.7	63.8	64.3	64.8	63.8
1911	56.6	59.0	59.8	60.9	61.5	61.6	61.5	61.7	62.7	63.8	64.3	64.8	63.8
1912	56.6	59.0	59.8	60.9	61.5	61.6	61.5	61.7	62.7	63.8	64.3	64.8	63.8
1913	55.7	58.3	59.4	60.8	61.0	61.1	61.1	61.4	62.5	63.5	64.0	64.5	63.3
1914	51.3	55.0	58.1	61.1	63.8	66.6	69.0	71.0	72.7	74.0	74.8	75.0	74.1
1915	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1916	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1917	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1918	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1919	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1920	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1921	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1922	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1923	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1924	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1925	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1926	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1927	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1928	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1929	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1930	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1931	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1932	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1933	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1934	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1935	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1936	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1937	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1938	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1939	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1940	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1941	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1942	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1943	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1944	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1945	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1946	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1947	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1948	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1949	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2
1950	51.4	55.1	58.2	61.2	63.9	66.7	69.1	71.1	72.8	74.1	74.9	75.1	74.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

263 RESTRICTED

STAT

RESTRICTED

STAT

Ang-ang-ch'i

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean atmospheric temperature

Year	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1904	66.0	61.0	62.7	57.8	52.9	49.4	50.4	49.0	52.0	55.0	58.7	62.6	55.0
05	65.2	64.5	59.5	54.6	49.7	46.2	47.3	48.0	51.0	54.0	57.7	61.6	53.0
06	64.3	63.3	58.4	53.5	48.6	45.1	46.2	47.0	50.0	53.0	56.7	60.6	52.0
07	65.4	62.0	59.9	55.0	50.1	46.6	47.7	48.4	51.4	54.4	58.1	62.0	54.0
08	64.4	63.4	58.5	53.6	48.7	45.2	46.3	47.0	50.0	53.0	56.7	60.6	53.0
09	64.7	62.0	59.8	54.9	50.0	46.5	47.6	48.3	51.3	54.3	58.0	61.9	54.0
10	64.2	62.0	59.9	55.0	50.1	46.6	47.7	48.4	51.4	54.4	58.1	62.0	54.0
11	64.2	62.0	59.9	55.0	50.1	46.6	47.7	48.4	51.4	54.4	58.1	62.0	54.0
12	61.1	65.2	58.7	53.8	48.9	45.4	46.5	47.2	50.2	53.2	56.9	60.8	52.0
1909	43.6	41.1	38.3	34.3	31.1	28.4	26.9	25.4	23.4	22.1	21.6	22.1	22.1
10	37.8	43.2	49.1	54.0	58.9	63.8	68.7	73.6	78.5	83.4	88.3	93.2	87.3
11	37.8	37.8	36.1	31.2	26.3	21.4	16.5	11.6	6.7	1.8	-3.1	-8.0	-12.9
12	41.1	37.8	37.1	32.2	27.3	22.4	17.5	12.6	7.7	2.8	-2.1	-7.0	-11.9
13	44.3	40.6	39.0	34.1	29.2	24.3	19.4	14.5	9.6	4.7	-0.2	-5.1	-10.0
14	42.4	36.8	37.0	32.1	27.2	22.3	17.4	12.5	7.6	2.7	-2.2	-7.1	-12.0
15	45.6	41.6	38.8	33.9	29.0	24.1	19.2	14.3	9.4	4.5	-0.4	-5.3	-10.2
16	45.6	41.6	38.8	33.9	29.0	24.1	19.2	14.3	9.4	4.5	-0.4	-5.3	-10.2
17	40.1	35.6	35.1	30.2	25.3	20.4	15.5	10.6	5.7	0.8	-4.1	-9.0	-13.9
18	43.7	40.5	39.5	34.6	29.7	24.8	19.9	15.0	10.1	5.2	0.3	-4.6	-9.5
19	40.5	38.7	38.6	33.7	28.8	23.9	19.0	14.1	9.2	4.3	-0.6	-5.5	-10.4
20	43.1	40.1	38.4	33.5	28.6	23.7	18.8	13.9	9.0	4.1	-0.8	-5.7	-10.6
21	41.7	36.0	35.4	30.5	25.6	20.7	15.8	10.9	6.0	1.1	-3.8	-8.7	-13.6
22	31.1	40.8	37.8	32.9	28.0	23.1	18.2	13.3	8.4	3.5	-1.4	-6.3	-11.2
23	40.5	40.1	38.7	33.8	28.9	24.0	19.1	14.2	9.3	4.4	-0.5	-5.4	-10.3
24	45.0	40.7	38.4	33.5	28.6	23.7	18.8	13.9	9.0	4.1	-0.8	-5.7	-10.6
25	45.7	40.8	38.3	33.4	28.5	23.6	18.7	13.8	8.9	4.0	-0.9	-5.8	-10.7
26	44.8	43.3	38.4	33.5	28.6	23.7	18.8	13.9	9.0	4.1	-0.8	-5.7	-10.6
27	41.1	40.7	37.2	32.3	27.4	22.5	17.6	12.7	7.8	2.9	-2.0	-6.9	-11.8
28	45.8	40.8	37.3	32.4	27.5	22.6	17.7	12.8	7.9	3.0	-1.9	-6.8	-11.7
29	41.7	43.7	31.0	27.0	23.0	19.0	15.0	11.0	7.0	3.0	-1.0	-4.0	-7.0
30	45.8	38.0	43.0	37.1	31.2	25.3	19.4	13.5	7.6	1.7	-3.2	-8.1	-13.0
31	44.8	45.1	38.8	34.9	30.0	25.1	20.2	15.3	10.4	5.5	0.6	-4.3	-9.2
32	31.0	44.1	34.4	29.5	24.6	19.7	14.8	9.9	5.0	0.1	-4.8	-9.7	-14.6
1909	-00.3	-15.3	-11.0	2.8	18.4	23.3	28.2	33.1	38.0	42.9	47.8	52.7	39.0
10	-01.3	-14.4	-7.3	5.6	12.0	18.4	24.8	31.2	37.6	44.0	50.4	56.8	43.1
11	-19.5	-14.3	-7.0	5.9	12.3	18.7	25.1	31.5	37.9	44.3	50.7	57.1	43.4
12	-18.5	-00.9	-7.4	5.4	12.0	18.9	25.7	32.1	38.5	45.0	51.4	57.8	43.7
13	-00.7	-15.0	-4.1	6.4	13.8	20.3	26.9	33.5	40.1	46.7	53.3	59.9	45.0
14	-18.3	-11.8	-4.1	7.7	15.4	22.0	28.6	35.2	41.8	48.4	55.0	61.6	46.3
15	-07.0	-10.5	-11.4	0.8	11.7	18.8	25.9	33.0	40.1	47.2	54.3	61.4	47.6
16	-18.4	-15.0	-9.9	-2.8	12.7	19.8	26.9	34.0	41.1	48.2	55.3	62.4	48.9
17	-21.1	-16.0	-8.3	-1.2	12.1	19.2	26.3	33.4	40.5	47.6	54.7	61.8	49.2
18	-17.3	-12.3	-3.1	5.8	12.4	19.0	25.1	31.8	38.5	45.2	51.9	58.6	45.5
19	-02.0	-14.3	-4.1	4.1	12.1	19.4	26.8	34.2	41.6	49.0	56.4	63.8	50.0
20	-17.0	-11.1	-1.1	6.9	12.8	19.7	26.5	33.9	41.2	48.8	56.4	64.0	50.3
21	-18.1	-12.8	-2.8	4.8	12.4	19.3	26.7	34.1	41.5	49.1	56.5	63.9	50.6
22	-07.8	-14.7	-10.0	-2.4	12.0	19.4	26.8	34.2	41.6	49.2	56.6	64.1	50.9
23	-01.6	-14.4	-3.1	6.0	12.9	19.3	26.4	33.7	41.1	48.7	56.2	63.7	50.2
24	-00.3	-12.8	-5.3	7.7	12.9	19.4	26.5	34.0	41.4	49.0	56.6	64.2	51.1
25	-00.3	-17.1	-7.6	8.5	12.1	18.0	24.5	32.0	39.5	47.0	54.5	62.0	51.4
26	-11.6	-17.0	-7.4	7.0	12.4	19.3	26.6	34.1	41.5	49.1	56.7	64.3	51.7
27	-11.0	-11.8	-4.3	8.1	12.8	19.6	26.9	34.4	41.8	49.4	57.0	64.6	52.0
28	-00.3	-12.8	-5.3	7.7	12.9	19.4	26.5	34.0	41.4	49.0	56.6	64.2	51.1
29	-00.3	-12.8	-5.3	7.7	12.9	19.4	26.5	34.0	41.4	49.0	56.6	64.2	51.1
30	-00.3	-12.8	-5.3	7.7	12.9	19.4	26.5	34.0	41.4	49.0	56.6	64.2	51.1
31	-00.3	-12.8	-5.3	7.7	12.9	19.4	26.5	34.0	41.4	49.0	56.6	64.2	51.1
1909	-00.3	-12.8	-5.3	7.7	12.9	19.4	26.5	34.0	41.4	49.0	56.6	64.2	51.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

264 RESTRICTED

STAT

RESTRICTED

Ang-ang-ch'i

Mean cloud density

Mean wind velocity

Rainfall

Maximum rainfall per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1909	4.1	4.7	5.3	6.9	7.5	7.8	8.6	10.0	4.6	4.1	3.9	3.9
20	1.7	5.0	4.9	8.7	6.4	8.3	8.4	7.9	4.3	3.3	3.3	4.7
21	4.9	4.9	5.9	5.0	6.1	7.0	8.2	5.5	4.4	3.9	3.4	3.4
22	3.3	4.5	4.8	5.9	7.1	7.0	8.6	8.7	5.1	4.4	3.9	3.4
平均風速	2.8	3.1	4.8	4.8	—	3.9	3.1	3.4	4.5	3.8	3.5	—
1909	4.0	2.8	3.8	6.8	5.3	4.5	3.8	4.4	4.1	4.6	3.3	4.4
20	3.8	4.4	4.8	8.2	8.3	3.8	3.4	3.9	4.6	4.7	3.8	4.4
21	3.8	5.0	5.7	6.8	5.3	4.1	3.8	4.8	5.1	4.9	3.1	4.7
22	3.0	5.3	4.7	5.8	5.2	—	—	—	—	—	—	—
14	4.3	3.5	6.4	5.7	5.2	4.6	3.4	3.3	4.1	4.1	4.7	3.4
15	3.9	4.5	4.9	5.5	5.0	4.0	4.1	4.3	5.5	4.8	4.8	4.5
16	3.9	4.3	4.7	5.8	4.2	4.7	3.9	3.9	5.8	4.7	4.6	4.5
17	4.4	4.4	5.1	5.5	5.0	3.6	4.0	4.1	4.4	5.2	4.3	4.5
18	4.8	5.0	4.9	5.4	4.2	4.8	4.1	3.4	4.3	4.6	4.7	4.5
19	5.4	5.7	6.9	8.0	8.5	5.0	5.0	4.6	4.5	5.6	6.0	5.8
20	4.5	4.3	6.1	6.1	5.3	4.8	4.1	3.9	5.7	5.8	4.9	4.1
21	4.5	4.8	6.1	6.1	5.7	5.9	4.4	3.9	5.7	5.8	4.9	4.1
22	3.7	4.5	4.6	6.1	6.2	4.6	3.9	4.0	5.8	6.1	5.7	4.0
23	4.7	4.4	7.0	7.3	6.8	4.9	3.9	3.7	4.3	5.1	4.0	4.0
24	3.8	4.7	4.3	6.3	5.8	5.1	5.3	3.7	4.3	5.6	4.8	4.8
25	3.8	4.1	4.5	6.9	5.7	5.6	4.5	3.9	4.1	5.0	4.4	4.0
26	4.1	3.8	5.0	5.7	7.4	3.8	4.8	3.3	4.1	5.4	3.7	3.1
27	4.3	4.2	5.6	6.7	5.4	4.5	3.5	4.3	3.8	4.7	4.7	4.4
28	3.9	4.9	4.0	6.1	5.7	4.4	3.3	3.4	5.3	4.7	4.0	4.9
29	4.4	4.8	6.2	6.2	5.5	4.7	3.8	4.1	4.3	4.8	3.8	4.0
30	4.1	4.3	5.9	5.9	5.8	4.6	4.1	4.8	4.7	5.5	4.4	4.1
31	4.9	4.7	5.5	6.5	6.0	3.7	3.4	3.9	3.6	5.0	4.9	4.1
32												
雨水量	0.0	1.0	2.8	4.3	—	49.5	68.2	49.3	51.3	22.9	—	1.6
1909	0.4	0.1	0.3	7.1	49.3	148.7	193.9	118.6	21.6	18.2	1.7	0.0
20	1.9	0.1	7.6	6.3	19.7	159.7	192.7	83.8	38.5	1.5	1.8	2.4
21	0.6	0.1	3.4	10.7	56.5	39.5	149.7	41.7	35.4	0.5	3.5	0.0
22	1.2	2.2	1.1	5.0	0.8	49.7	79.5	101.9	35.3	4.6	0.3	1.0
23	1.6	0.5	3.3	4.2	2.6	201.0	194.1	50.3	18.3	10.6	74.9	2.8
24	4.8	3.1	4.7	12.8	29.4	83.1	113.9	173.5	60.1	2.1	18.3	2.3
25	5.0	1.5	2.1	24.5	31.5	34.5	102.1	113.1	41.8	49.8	3.8	1.7
26	0.9	0.3	1.7	5.0	2.2	41.8	166.8	93.9	48.8	11.7	3.1	0.3
27	1.8	2.1	0.7	11.5	62.8	34.3	32.7	97.3	79.2	3.9	6.1	0.0
28	4.7	0.6	2.5	21.1	22.6	28.7	82.2	179.2	15.9	8.7	2.1	1.2
29	3.9	2.2	2.4	4.8	4.4	20.1	81.4	211.7	33.8	110.8	7.9	0.3
30	0.0	0.5	8.6	0.6	22.9	66.2	24.0	147.8	18.9	1.7	6.6	0.7
31	2.9	7.5	3.4	2.8	24.5	12.3	97.6	202.3	27.1	1.4	2.1	0.0
32	0.4	0.9	2.8	0.2	27.4	105.1	34.9	41.8	30.7	1.4	13.8	7.7
24	2.9	0.2	3.1	26.6	29.1	22.0	77.0	128.7	11.6	10.0	8.0	11.0
25	0.0	0.1	7.0	0.8	24.0	12.0	87.1	29.7	28.8	1.8	3.8	4.8
26	1.9	14.3	2.2	1.6	28.0	37.3	26.6	85.3	26.0	8.4	4.2	411.1
27	2.4	0.8	8.2	47.1	13.9	55.1	50.1	39.3	26.3	27.4	2.9	2.8
28	5.2	0.8	9.0	—	17.0	73.2	132.8	122.2	41.2	2.2	0.8	0.3
29	2.8	3.4	0.6	7.0	22.0	22.4	109.4	126.4	21.1	10.1	1.3	2.7
30	0.0	18.0	2.0	0.7	10.0	111.9	72.8	141.0	26.7	9.1	14.2	4.8
31	4.0	0.0	2.1	20.2	10	22.2	12.0	122.3	22.2	22.2	2.8	2.1
32	4.1	0.0	2.4	17.0	14.0	12.2	140.0	122.3	22.2	22.2	1.9	0.0
1908	0.0	0.3	3.1	2.8	—	12.8	21.1	28.2	2.4	22.9	—	0.0
1911	0.0	0.1	0.2	3.3	12.8	49.3	82.1	61.2	19.7	0.8	1.2	0.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

267 RESTRICTED

RESTRICTED

STAT

Ang-ang-ch'i

Maximum rainfall per day

Number of rainy days

Number of clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1912	0.6	0.1	1.9	6.1	17.1	15.3	28.1	15.2	10.0	0.5	4.5	0.7	48.1
13	1.0	5.0	0.8	3.3	0.8	1.0	18.1	21.4	20.6	—	0.3	0.7	31.0
14	1.1	0.5	3.3	3.9	2.5	22.4	37.9	24.3	27.7	4.6	2.3	1.9	62.8
15	1.9	1.8	2.0	3.1	54.1	22.3	16.5	60.8	43.0	1.4	2.1	1.0	62.8
16	2.7	0.7	1.1	7.8	9.1	6.0	43.3	40.8	17.5	19.2	3.8	0.7	43.3
17	0.4	0.2	0.9	4.5	3.5	14.5	87.7	56.8	22.8	6.3	2.7	2.8	87.7
18	1.6	1.5	6.1	9.2	26.1	23.0	7.7	14.9	37.3	2.6	6.4	0.8	37.3
19	2.5	0.3	0.8	19.7	10.0	19.7	30.9	11.2	7.3	5.1	2.1	0.4	100.0
20	2.4	1.2	—	2.5	2.5	22.3	20.9	10.9	7.9	8.8	5.8	0.2	22.3
21	0.0	0.3	8.2	0.3	6.0	15.7	14.8	37.9	6.9	4.7	2.1	0.5	37.9
22	2.3	2.7	1.2	2.5	8.7	6.1	27.5	8.2	67.6	1.1	1.6	0.0	67.6
23	0.4	0.5	1.7	0.0	8.2	22.6	9.6	15.0	10.3	1.2	6.6	1.1	22.6
24	0.9	0.1	1.5	4.4	7.2	14.8	29.4	15.5	9.6	3.7	8.3	10.7	15.5
25	0.0	0.1	3.1	0.7	10.9	5.2	16.4	5.1	11.1	1.8	3.7	2.9	16.4
26	0.9	12.7	6.1	1.6	16.0	22.2	23.5	31.1	52.2	22.3	5.2	3.1	52.2
27	1.3	0.1	4.3	15.7	16.4	41.2	27.4	20.8	11.2	22.6	2.9	2.9	41.2
28	4.0	0.6	6.3	5.3	6.4	29.0	42.7	37.7	13.0	2.5	0.0	0.3	42.7
29	2.0	1.3	0.8	0.0	9.6	27.5	20.0	01.8	5.5	6.8	1.3	2.2	27.5
30	0.0	5.8	1.2	0.0	10.0	44.7	39.9	25.1	6.4	0.1	5.0	2.0	44.7
31	2.6	0.0	4.1	10.3	2.0	18.5	6.9	23.0	26.5	15.1	2.0	0.2	23.0
32	4.2	0.0	16.6	5.0	12.0	37.6	122.7	14.3	16.2	15.5	1.3	0.0	122.7
1909	—	4	5	2	—	11	13	8	14	6	2	5	—
10	2	1	6	4	11	13	17	5	4	5	4	5	—
11	5	1	6	3	8	17	18	12	9	3	1	4	—
12	1	1	2	2	2	10	14	6	1	1	2	2	—
13	2	3	2	2	1	13	10	14	13	—	—	—	—
14	4	1	1	2	2	18	15	7	8	8	8	2	—
15	8	2	6	9	11	15	13	14	9	4	6	4	—
16	4	5	7	8	5	9	13	12	13	4	4	2	—
17	4	1	3	3	7	10	12	12	11	9	6	2	—
18	1	3	3	3	7	10	12	12	10	4	2	2	—
19	5	4	6	3	10	11	9	7	6	3	4	5	—
20	2	3	—	—	5	2	15	13	14	9	4	2	—
21	—	3	3	3	7	11	14	12	8	4	5	3	—
22	3	5	5	—	11	9	12	12	9	2	4	—	—
23	1	3	2	—	7	18	10	10	11	2	2	3	—
24	6	2	5	4	10	8	12	16	4	5	5	2	—
25	—	1	3	2	2	6	6	16	12	1	2	6	—
26	3	4	2	1	4	7	9	12	11	5	4	1	—
27	3	2	4	4	4	8	11	0	8	5	4	1	—
28	3	2	2	4	2	9	13	13	11	3	—	—	—
29	4	5	2	2	6	14	12	16	2	6	1	3	—
30	—	6	3	—	2	14	8	17	5	1	5	4	—
31	3	—	1	4	3	16	9	12	8	2	—	—	—
32	1	—	6	4	10	11	20	17	4	6	2	—	—
1909	14	7	11	10	—	4	2	2	7	2	2	11	—
10	17	16	9	11	1	3	—	2	4	5	4	5	—
11	11	15	11	6	6	—	—	—	—	—	—	—	—
12	3	2	3	5	—	—	1	2	4	4	2	2	—
13	5	6	10	4	7	—	—	—	5	3	2	4	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—
16	10	10	2	1	—	—	—	—	—	—	—	—	—
17	9	7	2	3	—	—	—	—	—	—	—	—	—
18	9	7	2	4	—	—	—	—	—	—	—	—	—
19	10	9	7	2	—	—	—	—	—	—	—	—	—
20	11	14	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

RESTRICTED

388

Ang-ang-ch'i

Number of clear days

Number of cloudy days

Number of foggy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1931	15	17	13	5	4	4	—	4	7	8	21	13	100
32	18	7	18	3	4	—	1	3	6	6	24	14	100
33	18	11	18	3	4	—	1	3	6	6	24	14	100
34	13	15	11	4	5	—	1	3	7	7	9	15	90
35	13	14	10	7	—	—	—	—	—	—	—	—	70
36	10	10	10	5	4	1	3	4	4	7	14	13	85
37	21	11	15	7	3	1	3	4	5	5	21	15	100
38	10	14	10	7	3	1	3	—	3	9	9	17	80
39	17	9	9	5	3	—	4	4	5	11	17	17	90
40	23	7	10	3	1	—	2	4	4	10	8	—	91
41	18	22	10	4	3	1	1	3	3	23	15	15	100
42	14	16	10	4	1	3	—	3	3	20	11	14	90
1909	3	10	10	6	—	7	15	8	4	7	8	4	—
10	1	1	9	10	9	14	24	19	4	11	9	2	113
11	3	3	4	8	10	13	13	12	6	5	11	9	99
12	6	10	13	10	12	15	21	11	14	8	5	3	123
13	7	7	7	7	7	10	12	10	12	5	1	5	93
14	3	6	7	8	16	20	16	11	5	11	8	3	173
15	0	5	9	11	16	15	18	17	9	6	8	4	126
16	5	5	3	9	19	20	21	8	3	2	5	4	116
17	3	4	3	10	11	23	18	14	6	3	10	12	122
18	3	2	8	6	11	19	19	13	11	4	3	3	102
19	4	1	8	9	17	14	12	8	6	9	5	2	89
20	6	3	—	9	8	7	15	12	13	11	4	—	—
21	1	5	—	8	10	12	14	13	11	11	5	—	—
22	2	4	7	7	15	15	15	10	5	4	5	1	90
23	1	3	7	8	11	13	7	13	6	4	8	3	84
24	6	3	4	10	14	9	19	15	3	8	6	3	100
25	1	4	5	8	15	9	17	16	1	9	5	5	98
26	3	5	5	12	12	10	8	13	23	6	5	8	82
27	—	—	—	6	8	12	12	10	10	5	10	6	3
28	4	3	11	5	9	8	17	14	9	10	4	3	97
29	1	2	6	5	14	14	17	12	6	3	2	6	80
30	3	6	6	12	9	10	9	12	5	9	7	8	88
31	3	6	6	7	13	13	8	3	9	7	7	4	82
32	2	1	6	8	15	14	22	12	7	7	4	3	101
1909	—	1	—	—	—	—	1	1	1	—	—	—	—
10	—	2	—	—	—	—	1	1	2	4	1	—	—
11	—	1	—	—	—	—	3	3	4	2	—	—	—
12	—	2	—	—	—	—	1	2	2	2	—	—	—
13	—	2	—	—	—	—	1	1	2	2	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

269 **RESTRICTED**

STAT

STAT

RESTRICTED

Ang-ang-ch'i

Number of foggy days

Number of days with hail

Number of days with electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
全年													
1909													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
全年													

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

270 **RESTRICTED**

STAT

RESTRICTED

Ang-ang-ch'i

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1917	1	1	1	1	1	1	1	1	1	1	1	1	12
18	1	1	1	1	1	1	1	1	1	1	1	1	12
19	1	1	1	1	1	1	1	1	1	1	1	1	12
20	1	1	1	1	1	1	1	1	1	1	1	1	12
21	1	1	1	1	1	1	1	1	1	1	1	1	12
22	1	1	1	1	1	1	1	1	1	1	1	1	12
23	1	1	1	1	1	1	1	1	1	1	1	1	12
24	1	1	1	1	1	1	1	1	1	1	1	1	12
25	1	1	1	1	1	1	1	1	1	1	1	1	12
26	1	1	1	1	1	1	1	1	1	1	1	1	12
27	1	1	1	1	1	1	1	1	1	1	1	1	12
28	1	1	1	1	1	1	1	1	1	1	1	1	12
29	1	1	1	1	1	1	1	1	1	1	1	1	12
30	1	1	1	1	1	1	1	1	1	1	1	1	12
31	1	1	1	1	1	1	1	1	1	1	1	1	12
32	1	1	1	1	1	1	1	1	1	1	1	1	12
33	1	1	1	1	1	1	1	1	1	1	1	1	12
1914	2	0	6	11	7	11	11	11	11	11	11	11	11
15	14	12	11	7	11	11	11	11	11	11	11	11	11
16	14	7	5	11	11	11	11	11	11	11	11	11	11
17	14	7	5	11	11	11	11	11	11	11	11	11	11
18	6	7	0	11	11	11	11	11	11	11	11	11	11
19	11	2	6	7	0	11	11	11	11	11	11	11	11
20	4	7	0	11	11	11	11	11	11	11	11	11	11
21	1	0	1	11	11	11	11	11	11	11	11	11	11
22	3	3	3	11	11	11	11	11	11	11	11	11	11
23	3	3	3	11	11	11	11	11	11	11	11	11	11
24	10	0	8	3	11	11	11	11	11	11	11	11	11
25	6	6	4	11	11	11	11	11	11	11	11	11	11
26	4	3	4	11	11	11	11	11	11	11	11	11	11
27	4	3	4	11	11	11	11	11	11	11	11	11	11
28	4	3	4	11	11	11	11	11	11	11	11	11	11
29	3	1	1	11	11	11	11	11	11	11	11	11	11
30	3	5	4	11	11	11	11	11	11	11	11	11	11
31	4	4	1	11	11	11	11	11	11	11	11	11	11
32	4	4	1	11	11	11	11	11	11	11	11	11	11
33	0	1	1	11	11	11	11	11	11	11	11	11	11

Number of stormy days

Maximum snowfall

Fu-chin

Mean barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Mean barometric pressure at sea level

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1926	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
27	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
28	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
29	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
30	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
31	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
32	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023
33	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

271

RESTRICTED

STAT

STAT

RESTRICTED

Fu-chin

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

Maximum wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
平均氣溫	1935	-11.0	-16.2	-6.2	3.4	11.0	18.8	21.8	20.5	14.7	4.1	-2.0	-10.8	5.9
	37	-11.8	-16.5	-12.1	3.2	10.7	18.6	21.6	20.7	14.5	2.1	-2.5	-11.2	5.7
	39	-10.3	-16.1	-5.8	5.0	13.1	19.0	24.0	22.1	13.5	5.4	-4.8	-10.0	6.2
	40	-10.9	-15.4	-5.8	3.8	12.1	17.9	23.8	22.9	14.5	3.3	-7.4	-10.0	5.3
最高氣溫	1935	16.9	-10.0	-0.6	9.9	17.3	24.4	25.9	25.0	20.1	9.7	-3.5	-12.6	7.6
	37	15.8	-10.4	-0.7	9.0	16.8	23.9	24.7	23.9	20.1	10.5	-3.5	-12.6	7.4
	39	18.9	-10.1	0.7	10.3	18.7	24.6	26.7	26.7	18.1	11.4	-1.7	-12.6	8.3
	40	16.4	-8.5	1.4	9.3	17.1	21.5	25.9	26.7	19.7	9.6	-1.9	-10.7	7.1
最低氣溫	1935	-26.2	-31.7	-18.9	-8.8	5.9	12.9	14.8	15.8	10.6	-6.4	-18.3	-22.9	-2.4
	37	-26.7	-32.8	-17.7	-0.7	5.8	13.5	17.1	15.8	9.0	0.5	-17.7	-23.8	-2.4
	39	-24.5	-19.9	-9.0	-0.5	7.3	13.1	19.3	17.3	12.0	-1.9	-14.8	-20.3	-2.1
	40	-25.3	-21.4	-12.1	-1.5	11.8	17.8	15.5	8.9	-2.0	-11.3	-20.3	-	-
最高極限	1935	-0.8	-7.3	8.4	15.8	23.9	31.9	39.9	36.6	28.3	22.3	4.9	-2.4	31.0
	37	-0.5	-7.5	4.8	14.9	23.1	31.5	33.1	29.9	26.6	23.7	17.1	-7.9	32.1
	39	-0.7	-3.8	11.8	20.5	30.0	35.3	31.4	35.3	28.4	9.3	-7.8	-1.4	35.4
	40	-0.9	0.5	7.1	24.5	30.4	30.7	34.4	34.4	25.0	27.7	13.8	-4.4	34.4
最低極限	1935	-31.5	-28.5	-22.4	-9.3	0.1	8.3	11.3	11.7	4.1	-4.6	-21.3	-28.3	-20.5
	37	-32.0	-31.6	-26.8	-5.5	1.6	5.8	12.3	7.6	3.8	-4.7	-21.1	-31.8	-32.0
	39	-28.6	-24.4	-16.0	-5.7	0.8	9.0	13.6	14.6	3.7	-7.4	-18.8	-29.4	-29.4
	40	-31.9	-26.1	-10.4	-12.0	1.4	10.8	18.8	10.8	0.1	-7.8	-19.8	-27.1	-25.9
水蒸氣壓力	1935	0.7	1.1	2.1	3.3	6.3	11.1	14.8	13.8	8.2	4.0	1.9	1.0	2.5
	37	0.7	1.1	1.6	3.0	6.3	11.8	15.1	14.9	8.1	4.7	2.1	0.9	2.9
	39	0.8	1.1	2.4	4.1	7.4	10.9	15.5	16.1	8.9	4.8	2.1	0.8	4.5
	40	0.7	1.1	2.5	4.4	6.7	11.0	15.7	14.5	8.6	4.0	2.8	1.4	4.3
平均濕度	1935	85	85	75	68	63	70	80	78	72	61	57	74	74
	37	76	75	74	66	67	74	80	79	70	62	63	61	74
	39	87	73	78	64	65	67	75	85	76	68	63	64	72
	40	89	77	85	64	64	70	84	77	73	66	61	62	72
最小濕度	1935	58	51	18	19	18	38	41	41	49	58	53	60	18
	37	49	40	19	30	30	34	38	34	36	42	48	48	18
	39	65	38	35	33	34	34	35	31	32	34	39	41	18
	40	55	31	27	17	28	28	28	24	24	24	27	28	17
平均雲量	1935	2.7	3.3	4.1	3.8	7.0	6.0	7.3	6.0	7.1	4.7	3.0	3.7	4.8
	37	2.2	4.1	5.0	4.3	7.5	6.9	6.4	5.0	5.8	3.9	2.8	3.5	4.8
	39	4.0	4.5	4.5	7.8	7.5	8.3	6.9	7.1	7.9	5.8	5.0	4.5	5.8
	40	4.1	3.9	7.3	5.8	8.8	7.8	7.8	7.8	7.8	5.8	5.8	5.8	5.8
平均風速	1935	3.1	3.1	4.0	3.8	3.9	5.1	5.5	5.0	5.1	4.2	4.4	3.7	4.8
	37	3.4	3.8	3.9	3.1	3.9	5.4	5.5	5.1	5.1	4.4	4.4	3.7	4.8
	39	3.9	4.0	3.7	4.7	4.4	5.0	5.5	5.1	5.1	4.4	4.4	3.7	4.8
	40	3.8	4.0	3.7	3.5	3.7	5.3	5.4	5.0	5.1	4.4	4.4	3.7	4.8
最大風速	1935	6.5	6.3	13.8	13.0	13.8	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
	37	10.7	10.7	11.7	10.3	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
	39	10.8	10.1	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
	40	6.4	10.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Fu-chin

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
降雨量	1.4	1.4	10.7	16.6	48.1	84.0	175.4	164.9	90.1	21.1	13.3	7.0	788.8
最大日量	2.6	3.4	18.1	31.4	64.1	128.2	103.7	59.6	20.8	5.4	3.4	2.4	310.3
日照時數	224.1	208.6	210.3	225.7	229.3	226.0	231.4	225.4	224.8	218.4	211.0	217.5	2282.0
日照率	81	78	68	71	71	75	75	74	73	71	69	68	71
蒸發量	18.4	25.7	76.6	100.0	174.7	216.8	223.9	165.8	108.7	38.2	29.7	18.6	1194.6
最大日量	3.2	5.3	20.0	35.0	65.0	100.0	120.0	80.0	40.0	20.0	15.0	10.0	450.0
平均地温	-28.4	-23.9	-14.6	-6.6	3.9	11.8	15.5	13.9	6.9	-2.9	-1.8	-24.6	-1.5
最高地温	20.3	26.4	32.7	38.1	43.5	48.9	54.3	59.7	65.1	70.5	75.9	81.3	54.3
最低地温	-30.3	-26.8	-18.7	-11.7	-3.3	3.5	10.5	14.0	13.4	6.2	-2.6	-18.3	-2.3
平均地温	-17.1	-12.7	-4.8	4.7	13.4	19.8	24.0	24.4	16.1	4.0	-5.3	-15.0	6.3
最高地温	17.9	24.8	31.7	38.1	44.5	50.9	57.3	63.7	70.1	76.5	82.9	89.3	63.7
最低地温	-15.7	-12.1	-6.9	2.9	10.7	17.1	23.5	29.9	36.3	42.7	49.1	55.5	29.9
地下温度	10.1	11.1	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1	20.1	21.1	18.1
地下温度 (4.5m)	14.8	11.8	-0.9	1.1	9.1	17.1	25.1	33.1	41.1	49.1	57.1	65.1	41.1
地下温度 (10m)	12.1	11.1	-2.1	0.1	7.1	15.1	23.1	31.1	39.1	47.1	55.1	63.1	39.1

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Mean ground level temperature

Underground temperature

" "

" "

RESTRICTED

Fu-chin

Underground temperature

"

"

"

"

"

Number of rainy days

Number of clear days

Number of cloudy days

Number of foggy days

Number of days with hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地下温度 (0.5m) 1936	-10.3	-11.0	-1.3	-0.1	7.5	12.8	15.7	19.5	19.8	15.1	11.5	-1.0	6.8
27	-4.4	-4.9	-4.1	-3.3	3.9	11.0	14.8	18.3	14.8	10.0	5.5	-1.5	7.8
38	-4.5	-4.4	-3.5	-2.3	3.5	10.0	17.8	19.3	15.3	10.5	7.7	-1.7	7.9
39	-10.5	-8.1	-3.4	0.3	6.5	12.0	15.3	19.8	15.3	10.0	5.8	-0.5	7.5
40	-9.1	-4.1	-3.4	0.1	7.1	11.8	15.3	19.0	15.0	7.0	-1.3	-1.7	7.1
地下温度 (1.0m) 1936	-1.0	-1.4	-1.4	-0.8	3.1	8.3	14.1	16.1	16.3	10.3	5.1	1.3	4.8
27	-2.4	-4.8	-3.6	-0.7	-2.1	3.4	10.5	14.3	13.3	8.5	5.8	1.3	3.8
38	-2.3	-4.1	-2.3	-0.6	0.0	3.8	10.8	14.0	14.1	8.1	5.1	1.8	4.0
39	-2.9	-4.3	-1.9	-0.7	1.3	6.9	12.8	15.9	16.4	10.8	6.1	1.0	3.9
40	-2.1	-3.5	-2.3	-0.6	1.1	4.1	11.1	14.8	13.8	9.8	4.7	1.4	3.9
地下温度 (2.0m) 1936	3.8	1.8	0.9	0.8	1.0	2.7	6.8	9.0	10.4	9.9	8.0	5.8	5.0
27	3.7	2.0	1.0	0.6	0.6	0.5	2.9	7.3	9.0	9.0	7.4	5.6	4.1
38	3.5	1.9	1.1	0.7	0.7	0.7	3.8	7.4	9.3	9.3	7.6	5.6	4.1
39	3.4	1.7	0.0	0.1	0.3	3.1	7.9	11.5	10.3	11.0	8.8	5.3	5.4
40	3.3	1.9	1.1	0.8	1.1	4.0	7.9	9.7	9.3	7.2	5.2	5.1	4.4
地下温度 (3.0m) 1936	6.9	5.0	3.7	2.9	2.5	2.4	3.7	5.9	7.5	8.2	7.9	6.8	5.3
27	5.5	4.8	3.3	2.5	2.1	1.7	2.8	4.4	6.4	7.3	7.3	6.4	4.8
38	5.8	4.1	3.0	2.5	2.1	1.9	2.5	4.0	6.5	7.5	7.2	6.4	4.5
39	5.3	4.0	2.4	1.3	1.8	2.3	5.7	8.7	10.3	10.1	8.6	6.3	4.4
40	4.8	3.9	3.0	2.4	1.1	1.9	2.5	4.8	6.8	7.4	7.3	6.3	4.1
地下温度 (4.0m) 1936	7.5	6.3	5.2	4.3	3.7	3.3	3.4	4.3	5.6	6.5	6.9	6.7	5.3
27	6.1	4.3	3.3	2.3	2.3	2.9	3.7	4.7	5.7	6.3	6.3	6.3	4.8
38	5.7	5.0	4.3	3.6	3.3	2.9	2.8	3.5	4.7	5.7	6.3	6.3	4.5
39	5.7	5.0	3.6	2.1	1.9	2.3	4.3	4.7	6.3	6.9	6.3	6.8	4.8
40	5.5	4.9	4.3	3.4	2.1	2.9	2.7	3.5	4.9	6.0	6.5	6.3	4.8
地下温度 (5.0m) 1936	7.3	6.6	5.9	5.0	4.6	4.1	3.8	4.0	4.6	5.4	5.9	6.1	5.3
27	6.0	5.7	5.0	4.7	4.8	3.8	3.5	3.5	4.0	4.8	5.4	5.7	4.8
38	5.5	5.3	4.9	4.0	4.0	3.7	3.8	3.5	4.0	4.8	5.4	5.7	4.8
39	5.5	5.3	4.4	3.7	3.8	3.0	2.8	3.1	4.0	4.5	5.4	5.7	4.8
40	5.6	5.3	4.9	4.4	3.7	3.5	3.5	4.1	4.9	5.5	5.7	5.7	4.8
降水日数 1936	7	8	12	8	8	2	8	3	9	11	8	10	10
27	3	4	3	10	10	11	17	15	14	8	4	3	11
38	7	6	3	10	15	10	13	17	17	10	4	4	11
39	8	4	11	9	11	17	15	11	15	5	4	4	10
40	8	3	5	13	11	18	20	10	9	7	7	11	10
晴天日数 1936	9	9	12	9	1	1	1	5	11	8	4	13	10
27	11	11	11	11	1	1	3	7	4	6	9	11	11
38	10	10	11	11	1	1	8	1	1	4	10	10	10
39	11	9	11	7	3	1	1	5	1	1	9	9	10
40	11	13	13	11	1	1	9	11	11	8	9	10	10
多云日数 1936	8	12	7	9	10	11	10	10	10	6	6	6	10
27	3	8	8	11	12	18	18	18	18	18	18	18	18
38	8	6	7	10	11	11	11	11	11	11	11	11	11
39	8	7	10	11	11	11	11	11	11	11	11	11	11
40	9	4	5	13	13	14	14	14	14	14	14	14	14
雾日数 1936	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1	1	1	1	1	1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

274 RESTRICTED

STAT

STAT

STAT

RESTRICTED

894

Fu-chin

Number of days with soft hail

Number of days without sunshine

Number of days with electrical storms

Number of stormy days

Number of freezing days

Number of days with yellow dust storms

Number of days with dust storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
霏日数 1936	---	---	---	1	1	---	---	---	---	3	8	---	14
37	---	---	---	2	2	---	---	---	---	1	2	---	7
38	---	---	---	2	3	---	---	---	---	---	---	---	5
39	---	1	4	---	---	---	---	---	---	---	---	---	---
不照日数 1936	3	1	1	2	4	1	---	---	3	1	3	2	21
37	---	1	4	3	3	3	1	3	1	2	2	2	22
38	2	3	3	3	4	1	1	2	2	3	3	1	24
39	3	2	---	3	3	1	1	2	2	3	1	6	28
40	7	1	---	5	---	3	4	2	2	---	---	---	---
電雷日数 1936	---	---	---	1	5	5	8	2	1	1	---	---	23
37	---	---	---	---	---	4	4	1	---	---	---	---	18
38	---	---	---	---	3	5	3	3	1	---	---	---	14
39	---	---	---	---	1	4	6	2	1	---	---	---	---
40	---	---	---	---	7	13	4	3	1	---	---	---	---
暴風日数 1936	---	---	4	5	6	3	---	---	---	4	3	2	27
37	2	3	2	9	5	1	---	1	1	3	1	3	31
38	2	1	---	5	2	---	---	1	1	2	---	---	20
39	1	1	3	2	---	---	---	3	---	3	---	---	13
40	1	1	3	8	---	---	---	---	2	1	---	3	---
氷日数 1936	31	29	31	29	---	---	---	---	---	18	30	31	199
37	28	28	31	25	---	---	---	---	---	13	29	31	186
38	31	28	30	15	---	---	---	---	---	14	29	31	179
39	31	28	31	14	---	---	---	---	---	22	29	31	188
40	31	29	31	19	---	---	---	---	---	23	30	31	198
黄沙日数 1936	---	---	1	3	---	---	---	---	---	3	1	---	4
39	---	---	---	---	---	---	---	---	---	---	---	---	---
風塵日数 1936	---	---	1	1	3	---	---	---	---	1	---	---	6
39	---	---	---	---	---	---	---	1	---	---	---	---	1

Tsitsihar

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1930	55.8	55.1	56.1	56.6	57.7	58.6	59.9	61.8	67.1	74.1	79.9	82.1	62.8
(4700mm)	51.4	51.4	52.7	53.8	54.8	55.7	56.8	58.3	62.7	67.7	72.8	75.1	56.7
31	51.7	52.4	53.8	54.5	55.5	56.1	57.4	59.3	63.7	68.7	73.8	76.1	57.1
32	52.0	52.8	54.0	54.8	55.8	56.4	57.8	59.7	64.1	69.1	74.2	76.5	57.5
33	52.3	53.1	54.3	55.1	56.1	56.7	58.1	60.0	64.4	69.4	74.5	76.8	57.9
34	52.8	53.6	54.8	55.6	56.6	57.2	58.6	60.5	64.9	69.9	75.0	77.3	58.3
35	53.3	54.1	55.3	56.1	57.1	57.7	59.1	61.0	65.4	70.4	75.5	77.8	58.7
36	53.8	54.6	55.8	56.6	57.6	58.2	59.6	61.5	65.9	70.9	76.0	78.3	59.1
37	54.3	55.1	56.3	57.1	58.1	58.7	60.1	62.0	66.4	71.4	76.5	78.8	59.5
38	54.8	55.6	56.8	57.6	58.6	59.2	60.6	62.5	66.9	71.9	77.0	79.3	59.9
39	55.3	56.1	57.3	58.1	59.1	59.7	61.1	63.0	67.4	72.4	77.5	79.8	60.3
40	55.8	56.6	57.8	58.6	59.6	60.2	61.6	63.5	67.9	72.9	78.0	80.3	60.7
最高氣壓	62.0	62.3	63.6	64.4	65.4	66.0	67.3	69.2	73.6	78.6	83.7	86.0	66.0
7.600mm)	57.6	57.9	59.2	60.0	61.0	61.6	62.9	64.8	69.2	74.2	79.3	81.6	66.4
31	57.9	58.2	59.5	60.3	61.3	61.9	63.2	65.1	69.5	74.5	79.6	81.9	66.8
32	58.2	58.5	59.8	60.6	61.6	62.2	63.5	65.4	69.8	74.8	79.9	82.2	67.2
33	58.5	58.8	60.1	60.9	61.9	62.5	63.8	65.7	70.1	75.1	80.2	82.5	67.6
34	58.8	59.1	60.4	61.2	62.2	62.8	64.1	66.0	70.4	75.4	80.5	82.8	68.0
35	59.1	59.4	60.7	61.5	62.5	63.1	64.4	66.3	70.7	75.7	80.8	83.1	68.4
36	59.4	59.7	61.0	61.8	62.8	63.4	64.7	66.6	71.0	76.0	81.1	83.4	68.8
37	59.7	60.0	61.3	62.1	63.1	63.7	65.0	66.9	71.3	76.3	81.4	83.7	69.2
38	60.0	60.3	61.6	62.4	63.4	64.0	65.3	67.2	71.6	76.6	81.7	84.0	69.6
39	60.3	60.6	61.9	62.7	63.7	64.3	65.6	67.5	71.9	76.9	82.0	84.3	70.0
40	60.6	60.9	62.2	63.0	64.0	64.6	65.9	67.8	72.2	77.2	82.3	84.6	70.4

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

Tsitsihar

察 哈 爾

Lowest barometric pressure of freezing point

Barometric pressure at sea level

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
大陆气压 (hPa)	1930	47.1	43.4	43.3	36.7	30.0	27.6	31.7	34.7	34.4	41.4	46.1	47.6
31	48.9	46.7	46.7	37.8	30.2	28.0	32.4	35.4	34.1	41.4	46.1	47.6	47.6
33	32.9	44.7	34.1	34.9	30.1	34.4	31.9	31.9	34.4	34.1	41.4	46.1	47.6
34	44.4	47.0	38.1	30.0	32.8	31.0	33.7	34.3	34.3	35.1	41.4	46.1	47.6
35	48.3	45.1	35.8	31.7	33.7	31.9	34.8	34.9	34.6	34.5	40.7	39.1	31.7
36	45.6	45.5	33.6	27.1	24.9	33.9	34.0	37.6	37.7	36.1	43.3	39.1	34.9
37	45.6	48.9	43.3	38.5	35.3	31.9	28.8	35.5	39.6	35.3	43.9	39.4	38.5
海平面气压 (hPa)	1930	—	—	—	61.9	58.7	57.5	58.1	65.8	69.9	70.1	74.9	—
31	74.9	74.4	67.5	64.3	61.5	57.8	58.5	58.3	—	—	—	—	—
33	75.5	78.9	67.8	61.5	58.9	54.4	56.0	60.2	67.9	67.4	68.6	74.3	66.1
34	78.1	74.0	69.9	58.8	55.6	53.6	51.1	53.5	59.9	65.5	67.4	68.6	63.6
35	73.9	68.3	63.5	60.0	54.8	53.3	54.9	55.9	60.1	65.3	64.4	70.0	63.3
36	69.9	66.3	63.7	59.5	55.0	54.6	54.4	54.4	60.6	60.9	72.0	70.1	64.0
37	71.1	70.0	68.8	60.5	56.5	53.6	53.1	55.7	60.3	61.5	66.0	67.4	60.0
39	72.2	71.5	69.5	60.8	55.7	59.9	59.9	59.9	58.6	64.5	65.0	69.1	61.9
平均气温 (C)	1930	-30.4	-15.8	-3.7	7.4	12.7	17.6	22.9	20.1	13.9	5.5	-9.8	-18.3
31	-24.8	-22.0	-6.0	8.9	11.0	18.3	23.2	21.2	13.9	—	—	-12.6	2.4
33	-16.0	-15.1	-7.0	3.7	11.7	16.8	22.2	19.0	15.6	6.1	-5.5	-12.6	2.4
34	-19.3	-17.2	-7.8	3.7	14.2	16.8	22.2	19.0	15.6	6.1	-5.5	-12.6	2.4
35	-22.7	-14.0	-9.7	8.9	14.4	19.1	21.2	20.6	13.5	3.8	-6.0	-11.8	2.2
36	-16.1	-10.1	-5.0	-3.1	11.5	17.8	21.2	20.7	13.8	6.1	-11.5	-20.2	2.8
37	-23.1	-19.1	-8.3	-3.4	11.8	18.7	21.3	20.3	14.0	4.1	-7.9	-24.5	1.9
38	-19.0	-13.7	-10.4	3.9	11.4	20.1	21.8	20.5	13.5	5.0	-7.4	-20.8	1.0
39	-21.3	-15.8	-3.4	0.0	12.5	21.1	24.8	20.8	13.0	5.8	-8.5	-21.5	2.8
40	-25.7	-17.1	-5.2	6.7	13.7	18.9	24.0	23.5	13.4	3.3	-7.8	-13.8	2.2
最高气温 (C)	1930	-30.5	-15.5	-4.4	4.5	—	18.6	22.7	19.4	14.0	4.2	-11.3	-18.0
31	-25.0	-9.5	3.4	13.1	20.8	23.5	28.7	25.2	20.2	13.9	-4.3	-12.3	9.1
33	-14.9	-15.1	1.3	9.4	18.2	23.5	28.7	25.2	20.2	13.9	-4.3	-12.3	9.1
34	-8.6	-7.4	0.1	11.0	18.2	23.5	28.7	25.2	20.2	13.9	-4.3	-12.3	9.1
35	-11.9	-9.6	0.5	10.5	22.0	26.7	28.5	20.7	11.9	-4.3	-10.8	9.4	9.4
36	-15.1	-1.9	-2.4	10.5	21.7	24.8	26.0	26.5	19.2	10.8	0.4	-5.3	9.2
37	-9.5	-2.6	2.5	11.0	19.1	24.8	30.1	27.9	22.0	12.6	-1.9	-13.7	9.9
38	-17.4	-12.7	-0.3	11.5	19.2	26.1	27.6	27.6	20.6	11.8	-2.4	-20.2	8.5
39	-13.9	-6.5	-2.8	12.4	19.1	26.1	26.3	27.6	20.7	12.5	-0.5	-13.4	9.3
40	-14.0	-2.4	7.3	15.3	20.0	27.4	28.9	26.1	19.3	12.3	-3.7	-17.1	9.5
最低气温 (C)	1930	-19.5	-9.0	0.1	13.7	20.9	24.0	25.4	19.2	10.0	-1.3	-6.1	9.0
31	-14.8	-7.9	2.0	11.6	—	24.7	28.7	25.9	21.0	11.6	-1.1	11.8	—
最高湿度 (%)	1930	86.1	81.1	100.0	99	59	28.4	28.5	28.4	99	88	64.5	25.3
31	39.9	29.7	23.8	4.6	4.8	12.1	18.4	19.9	9.8	—	—	—	—
33	23.6	22.1	13.1	2.2	6.4	15.9	19.3	19.6	11.9	2.0	10.1	17.3	1.3
34	24.6	23.5	14.2	2.5	6.9	12.7	18.7	17.7	7.3	2.0	10.1	17.3	1.3
35	28.8	21.4	18.3	4.9	8.3	14.9	17.8	18.1	9.0	-1.2	11.8	17.6	-2.8
36	22.6	17.7	11.9	-2.1	5.4	12.2	18.2	17.2	8.2	2.1	12.4	18.4	-2.2
37	29.2	25.7	19.5	-2.1	6.1	12.4	17.2	18.2	9.7	-1.1	11.8	17.6	-2.2
38	21.4	20.0	12.4	-2.1	5.1	12.0	17.0	17.6	7.0	-1.3	12.2	18.2	-2.1
39	28.1	22.8	18.0	0.0	6.2	14.7	19.1	17.0	8.0	0.9	12.4	18.4	-2.2
40	29.7	23.4	18.7	-2.0	6.4	14.4	19.1	17.0	8.1	-2.2	12.4	18.4	-2.2
最高风速 (m/s)	1930	21.4	22.8	11.0	9.3	—	12.9	17.7	12.5	7.4	-2.2	17.2	12.6
31	2.5	1.1	14.6	22.1	29.7	21.8	22.0	22.0	—	—	—	—	—
33	11.6	4.2	11.0	17.1	29.0	22.0	22.0	22.0	—	—	—	—	—
34	2.4	2.2	22.8	22.0	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

276

RESTRICTED

STAT

RESTRICTED

398

Tsitsihar

察 哈 爾 盟

High limit of atmospheric temperature

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1931	-1.6	4.4	12.4	21.4	28.8	31.4	32.6	32.8	31.8	28.8	24.8	20.8	26.8
31	-11.8	-5.8	12.8	22.8	30.8	33.8	34.8	34.8	33.8	30.8	26.8	22.8	28.8
33	-12.8	-6.8	13.8	23.8	31.8	34.8	35.8	35.8	34.8	31.8	27.8	23.8	29.8
34	-13.8	-7.8	14.8	24.8	32.8	35.8	36.8	36.8	35.8	32.8	28.8	24.8	30.8
35	-14.8	-8.8	15.8	25.8	33.8	36.8	37.8	37.8	36.8	33.8	29.8	25.8	31.8
39	-10.0	-4.0	12.0	21.0	28.0	30.0	31.0	31.0	30.0	27.0	23.0	19.0	25.0
1930	-28.4	-28.8	-28.7	-28.9	-28.4	7.9	14.9	18.1	19.1	19.1	18.1	17.1	17.1
31	-29.7	-29.6	-29.8	-29.7	-29.1	6.6	14.8	18.1	19.1	19.1	18.1	17.1	17.1
33	-29.7	-29.5	-29.8	-29.9	-29.0	6.4	14.8	18.1	19.1	19.1	18.1	17.1	17.1
34	-29.7	-29.5	-29.8	-29.9	-29.0	6.4	14.8	18.1	19.1	19.1	18.1	17.1	17.1
35	-29.4	-29.9	-29.8	-29.8	-29.0	6.0	14.8	18.1	19.1	19.1	18.1	17.1	17.1
39	-28.5	-28.4	-28.3	-28.9	-28.1	8.0	15.0	18.1	19.1	19.1	18.1	17.1	17.1
1930	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.8
31	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.5
33	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.6
34	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.6
35	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.7
39	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.5
1930	7.8	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	9.7
31	6.0	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	7.9
33	6.1	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.0
34	7.4	7.4	7.6	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.3
35	5.9	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	7.8
39	8.9	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.3
1930	45	37	31	25	19	13	7	1	4	10	16	22	28
31	27	20	14	8	2	-4	-10	-16	-22	-28	-34	-40	-46
33	46	39	33	27	21	15	9	3	-3	3	9	15	21
34	58	51	45	39	33	27	21	15	9	3	-3	3	9
35	83	76	70	64	58	52	46	40	34	28	22	16	10
39	55	48	42	36	30	24	18	12	6	0	-4	-10	-16
1930	1.6	4.8	8.1	11.7	15.4	19.1	22.8	26.5	30.2	33.9	37.6	41.3	45.0
31	2.6	8.3	14.0	20.7	27.4	34.1	40.8	47.5	54.2	60.9	67.6	74.3	81.0
33	3.0	9.7	16.4	23.1	29.8	36.5	43.2	49.9	56.6	63.3	70.0	76.7	83.4
34	1.9	6.5	13.2	19.9	26.6	33.3	40.0	46.7	53.4	60.1	66.8	73.5	80.2
35	2.0	7.5	14.2	20.9	27.6	34.3	41.0	47.7	54.4	61.1	67.8	74.5	81.2
39	3.3	10.0	16.7	23.4	30.1	36.8	43.5	50.2	56.9	63.6	70.3	77.0	83.7
1930	1.9	3.1	4.4	5.7	7.0	8.3	9.6	10.9	12.2	13.5	14.8	16.1	17.4
31	2.1	3.4	4.7	6.0	7.3	8.6	9.9	11.2	12.5	13.8	15.1	16.4	17.7
33	2.3	3.6	4.9	6.2	7.5	8.8	10.1	11.4	12.7	14.0	15.3	16.6	17.9
34	1.7	3.0	4.3	5.6	6.9	8.2	9.5	10.8	12.1	13.4	14.7	16.0	17.3
35	1.8	3.1	4.4	5.7	7.0	8.3	9.6	10.9	12.2	13.5	14.8	16.1	17.4
39	2.0	3.3	4.6	5.9	7.2	8.5	9.8	11.1	12.4	13.7	15.0	16.3	17.6

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

277

RESTRICTED

RESTRICTED

Tsitsihar

Mean wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

		一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
Mean wind velocity	1930	4.8	3.5	3.9	4.8	3.1	3.3	3.3	2.8	3.6	3.7	3.8	3.1	3.7
Maximum wind velocity	1930	8.8	15.8	35.0	44.5	18.0	12.4	9.7	11.1	11.1	11.1	11.1	11.1	11.1
Rainfall	1930	0.4	5.4	6.3	0.5	15.0	109.8	82.7	123.2	21.4	2.2	7.6	2.7	439.0
Maximum rainfall per day	1930	0.8	2.2	5.5	0.5	12.1	125.1	49.0	48.1	8.9	1.1	3.7	1.0	49.0
Insolation capacity (in hours)	1930	212.1	194.8	250.8	285.1	229.5	231.7	225.3	184.1	277.0	222.7	156.4	170.2	2296.4
Percentage of insolation capacity	1930	74	68	86	64	69	68	61	37	63	66	34	68	78
Evaporative capacity	1930	30.2	43.2	117.2	177.2	220.2	172.2	228.2	128.2	228.2	228.2	228.2	228.2	228.2

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

STAT

RESTRICTED

398

Tsitsihar

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Minimum earth temperature

Ground level temperature

Underground temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1935	34.8	48.0	70.8	133.8	192.7	182.4	163.8	120.6	58.2	22.8	5.3	120.4	53
36	4.8	9.8	60.7	137.1	198.4	181.8	143.2	120.8	81.8	72.8	21.8	7.0	127.2
37	4.4	13.1	52.8	145.8	192.8	182.8	152.8	122.8	72.8	72.8	22.8	3.0	115.2
38	11.8	13.0	58.5	153.7	195.8	192.8	158.8	121.8	72.8	72.8	22.8	1.8	115.2
39	11.8	21.5	58.3	136.7	231.8	177.8	161.8	122.8	72.8	72.8	22.8	31.8	127.2
40	20.8	34.1	90.8	166.9	---	207.8	212.4	176.8	125.8	122.1	28.3	22.1	---
1930	1.2	1.5	6.5	17.4	19.6	9.6	9.4	9.0	5.7	5.3	2.3	1.0	19.6
31	1.0	1.4	5.8	16.1	18.6	11.6	10.6	11.8	4.9	---	---	1.1	---
32	1.1	8.3	5.2	8.0	13.8	10.0	8.9	7.3	4.8	3.6	2.4	1.6	13.8
33	0.6	1.9	4.5	7.5	12.5	11.4	11.6	8.8	4.1	3.1	1.8	0.3	12.4
34	0.6	2.4	5.5	9.7	12.0	9.8	13.5	7.3	4.7	4.4	3.0	1.9	13.5
35	1.3	3.0	4.4	7.5	11.7	13.0	9.8	9.0	5.7	3.8	1.8	0.6	13.0
36	0.3	0.6	4.4	9.9	12.0	11.8	8.8	8.5	4.4	4.5	1.3	0.6	12.8
39	0.9	1.4	3.9	8.5	11.9	11.8	8.3	9.3	6.9	5.0	3.8	4.4	11.9
1930	-29.3	-21.9	-13.0	-4.5	3.0	9.7	15.3	14.1	4.3	-6.4	-15.6	-24.3	-6.0
31	-33.4	-33.8	-16.5	-2.0	0.5	10.1	16.8	13.5	2.3	---	---	-24.0	---
32	-26.3	-25.0	-16.8	-2.4	8.5	10.7	17.3	14.7	8.6	-2.1	-14.9	-22.2	-5.0
33	-30.8	-29.3	-19.7	-6.7	-0.5	10.8	17.8	14.0	5.3	-2.7	-17.9	-24.9	-7.0
34	-30.4	-23.1	-17.8	-5.0	7.4	13.7	16.3	14.5	6.5	-4.3	-13.8	-19.5	-4.6
35	-24.0	-19.8	-14.5	-5.8	2.8	---	---	---	---	---	---	---	---
36	-21.3	-24.3	-11.4	-1.6	4.6	13.1	19.0	16.1	6.5	-4.8	-16.2	-23.0	-4.5
40	-27.7	-25.9	-14.8	-5.0	---	8.9	14.4	10.4	4.0	-6.1	-19.4	-27.6	---
1930	-35.6	-32.1	-26.5	-15.7	-5.9	4.1	10.3	9.1	-4.4	-12.1	-26.5	-37.5	-27.5
31	-40.9	-40.8	-26.4	-16.0	-2.4	4.0	10.8	7.0	7.5	---	---	-24.0	---
32	-33.5	-31.0	-23.3	-13.7	-7.0	6.3	12.4	9.7	4.0	-1.6	-20.7	-27.4	-23.5
33	-35.0	-36.5	-30.0	-11.9	-7.9	1.2	10.0	8.4	-4.0	-9.5	-25.8	-32.9	-23.5
34	-34.6	-30.0	-26.9	-13.5	0.8	9.4	12.0	8.5	-2.8	-12.0	-28.6	-37.1	-24.4
35	-29.9	-29.5	-21.8	-12.6	---	---	---	---	---	---	---	---	---
39	-40.4	-34.7	-19.6	-10.8	-2.8	7.0	13.8	10.6	-4.6	-12.8	-24.3	-28.2	-24.4
1930	-19.4	-13.8	-1.4	14.5	14.8	21.8	23.0	12.8	7.5	-4.4	-12.6	1.9	---
31	-21.1	-18.3	-1.7	3.3	14.4	21.1	20.4	20.4	16.3	7.5	---	-12.8	1.9
32	-24.4	-21.3	-2.6	6.8	12.5	24.4	23.8	22.4	17.8	7.1	-2.8	-12.1	4.3
33	-28.1	-23.1	-3.1	6.7	16.4	24.7	27.3	23.6	15.3	6.1	-4.3	-14.0	5.3
34	-20.9	-15.5	-4.3	7.8	17.7	23.6	24.7	25.0	15.8	5.8	-3.4	-12.1	5.3
35	-16.8	-8.5	-2.8	6.9	15.9	22.6	25.5	25.8	17.5	6.7	-2.2	-12.6	5.7
36	-22.5	-16.9	-2.5	7.3	18.0	24.3	24.3	25.0	17.8	6.8	-2.8	-12.3	4.7
37	-19.6	-12.8	-0.1	7.1	14.4	24.6	26.7	27.3	15.6	6.8	-1.1	-12.3	5.1
38	-21.8	-13.0	1.7	8.6	15.7	25.0	26.9	27.3	15.8	6.3	-2.1	-12.0	5.1
39	-24.1	-16.0	-4.8	7.9	18.8	22.1	26.4	25.4	14.8	3.9	-7.2	-12.8	3.8
40	-20.6	-15.6	-2.9	7.1	---	22.8	27.6	22.7	15.8	6.5	-2.3	-12.1	---
1930	---	---	---	---	13.8	19.9	25.6	21.8	16.5	7.9	-2.1	-2.0	---
31	-15.3	-12.8	-3.5	3.8	12.1	20.6	27.8	25.3	18.7	---	---	-2.4	---
32	-16.8	-9.8	-3.8	3.9	13.3	22.1	31.1	23.8	18.7	2.8	-2.0	-2.4	6.9
33	-13.6	-12.3	-1.6	3.7	13.3	22.1	26.9	24.1	17.0	2.0	-2.1	-2.2	2.8
34	-15.3	-9.7	-4.1	3.7	14.1	22.6	25.1	24.7	17.7	2.8	-2.0	-2.2	4.3
35	-12.9	-2.3	-2.0	4.8	12.5	21.7	27.3	26.0	17.9	8.5	-2.4	-2.2	6.6
36	-17.3	-12.4	-4.4	3.5	14.7	22.1	25.4	26.9	18.1	2.4	-2.5	-2.4	2.8
39	-22.3	-12.1	-1.2	3.1	12.2	---	---	---	---	---	---	---	---
1930	---	---	---	---	10.1	14.8	20.6	22.3	12.1	2.4	-2.4	-2.4	---
31	-12.8	-12.7	-0.1	1.9	8.7	22.7	22.7	22.7	12.1	---	---	---	---
32	-12.6	-12.4	-2.0	1.8	9.4	19.0	22.1	22.1	12.0	---	---	---	---

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

279 RESTRICTED

RESTRICTED

STAT

Underground temperature

Tsitsihar

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1933	-13.3	-12.7	-6.8	3.3	9.3	17.1	23.3	21.4	15.5	6.8	-3.8	-8.3	4.1
34	-14.7	-10.6	-5.8	3.3	11.6	18.9	22.3	22.0	15.9	6.3	-1.4	-8.1	4.8
35	-18.0	-9.0	-5.6	2.8	9.7	17.7	23.8	23.0	15.9	7.7	-3.0	-12.7	4.9
36	-17.3	-14.0	-5.9	2.5	10.4	17.3	21.7	21.8	18.9	6.6	-1.9	-8.9	4.0
39	-20.4	-15.0	-4.4	3.9	12.5	18.6	23.5	22.8	14.7	5.2	-3.2	-10.7	4.4
40	-16.4	-13.6	-4.3	2.9	11.0	17.0	23.3	20.6	15.5	6.4	-3.7	-10.8	4.4
地中温度 (0.3m) 1930	---	---	---	---	8.9	15.2	20.9	19.6	15.5	8.2	0.1	-5.5	---
31	-12.3	-12.7	-4.2	0.6	7.3	15.2	21.3	21.5	16.0	8.7	0.6	-1.0	5.4
32	-8.0	-7.7	-4.3	1.1	8.3	16.4	21.3	20.6	16.9	7.7	-1.8	-2.8	3.9
33	-12.3	-12.0	-5.8	0.6	7.4	15.0	20.6	20.4	15.5	7.4	-1.8	-2.8	3.9
34	-13.4	-9.9	-4.9	0.6	9.7	17.2	20.9	21.0	15.7	7.1	-0.2	-7.0	4.7
35	-11.9	-8.6	-2.3	1.4	8.1	15.9	21.8	22.1	15.9	8.3	-1.3	-10.8	4.9
36	-15.6	-13.1	-5.7	1.7	8.8	15.4	20.3	20.0	15.7	7.4	-0.3	-7.2	4.8
37	-11.8	-10.2	-5.9	1.3	8.1	16.0	20.7	20.9	16.0	7.2	-1.4	-10.6	4.1
38	-13.9	-11.0	-5.4	4.3	10.0	17.2	22.1	21.4	15.7	5.8	-0.1	-5.2	5.3
39	-19.0	-14.6	-4.7	2.6	11.0	17.3	22.5	22.2	14.9	5.9	-2.2	-9.7	5.5
40	-15.1	-12.9	-4.5	2.0	11.0	17.3	22.5	22.2	14.9	5.9	-2.2	-9.7	5.5
地中温度 (0.3m) 1930	---	---	---	---	6.5	12.8	18.5	18.7	15.1	9.2	1.5	-2.8	---
31	-8.8	-13.1	-4.0	-0.6	5.1	12.5	18.5	19.0	15.1	9.2	1.5	-2.8	---
32	-7.1	-7.8	-4.0	-0.2	5.0	13.0	19.1	20.5	16.4	10.0	2.5	-3.4	5.5
33	-9.2	-10.1	-5.5	-0.2	4.8	11.0	17.9	19.0	15.4	8.3	0.1	-5.4	3.9
34	-10.6	-8.1	-4.2	-0.6	7.2	14.7	19.0	19.6	15.7	8.4	1.8	-4.2	4.9
35	-9.5	-7.2	-2.1	0.4	6.0	13.5	19.5	20.7	15.9	9.3	1.0	-7.9	5.0
36	-13.2	-11.4	-5.5	0.3	6.9	12.9	18.0	18.6	15.9	8.3	1.4	-4.2	3.9
39	-18.9	-13.4	-4.5	1.9	9.4	15.5	20.6	20.9	15.2	6.6	-0.3	-7.7	3.9
40	-15.1	-11.8	-4.5	1.3	11.0	17.3	22.5	22.2	14.9	5.9	-2.2	-9.7	5.5
地中温度 (1.0m) 1930	---	---	---	---	0.7	1.3	13.5	15.6	14.2	9.9	4.0	0.3	---
31	-4.2	-5.7	-4.1	-1.4	0.6	6.7	12.4	16.6	14.2	9.9	4.0	0.3	---
32	-3.9	-5.3	-3.5	-1.1	1.1	7.8	14.2	16.7	15.2	10.7	4.8	0.8	4.8
33	-3.8	-3.5	-3.1	-1.6	-0.2	5.3	12.0	15.3	14.2	9.4	3.1	-1.0	3.4
34	-4.9	-7.1	-5.9	-0.3	1.2	9.0	14.5	16.7	15.1	9.8	4.1	0.0	4.3
35	-4.5	-7.0	-2.1	-0.8	1.2	7.6	14.2	16.9	14.8	10.1	4.0	-2.1	4.5
36	-7.7	-8.1	-5.0	-1.1	1.6	6.5	12.6	15.1	12.8	9.6	3.9	-0.4	3.4
37	-5.0	-6.3	-4.2	-2.2	1.0	6.4	12.7	15.5	13.4	8.8	3.4	-0.3	3.1
39	-9.0	-9.5	-4.1	-0.8	3.6	10.1	15.7	17.2	14.8	9.1	3.5	-1.4	4.1
40	-6.3	-7.9	-4.2	-0.8	1.2	8.8	15.2	18.6	15.1	9.8	3.5	-1.3	4.1
地中温度 (2.0m) 1930	---	---	---	---	-0.1	1.3	6.1	10.1	11.3	10.0	7.1	6.1	---
31	2.0	0.5	-0.2	-0.1	0.0	1.2	6.6	11.6	11.8	11.8	8.0	4.8	5.0
32	2.2	0.9	0.1	0.0	0.1	1.8	7.3	11.3	12.2	11.4	8.0	4.8	5.0
33	2.6	0.9	0.1	-0.2	0.2	1.5	4.2	9.4	11.7	11.4	8.0	4.8	5.0
34	1.9	0.4	-0.1	-0.2	-0.1	2.1	7.7	11.1	12.7	11.0	7.7	4.6	4.6
35	2.2	0.8	0.3	0.3	0.3	2.0	7.7	11.2	12.0	10.6	7.8	4.4	5.0
36	1.8	0.1	-0.4	-0.3	-0.2	0.3	1.5	6.1	10.0	10.1	7.1	6.1	4.8
37	1.9	0.5	-0.1	-0.1	0.0	0.8	6.1	9.7	10.8	9.4	6.9	3.6	6.1
39	0.8	-1.7	-1.1	-0.2	-0.2	2.7	8.8	12.1	12.6	10.2	7.8	3.7	4.6
40	1.3	-0.2	-1.3	-0.3	---	2.7	8.7	9.1	11.5	12.1	10.2	7.8	4.6
地中温度 (3.0m) 1930	---	---	---	---	1.2	1.2	2.4	6.2	8.0	7.7	7.4	3.8	---
31	3.3	1.4	0.8	0.1	1.3	1.4	2.1	2.1	2.7	2.7	2.7	2.7	---
32	2.2	2.2	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	---
33	2.2	2.2	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	---
34	2.2	2.2	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	---

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

280 RESTRICTED

STAT

RESTRICTED

STAT

400 Teitsihar

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	年	
Underground temperature	1935	4.6	3.3	3.3	3.3	3.6	1.6	6.1	7.0	8.7	8.6	8.0	6.2
"	36	5.8	3.0	2.4	0.9	0.8	0.7	2.5	2.5	2.2	2.3	2.4	4.1
"	37	3.7	3.6	3.5	1.8	0.8	0.8	1.1	2.8	2.7	2.6	2.4	3.8
"	38	4.8	3.0	3.0	1.7	1.8	2.1	0.9	1.1	0.8	0.8	1.4	3.8
"	40	4.6	3.1	3.1	2.7	---	2.3	3.1	2.8	2.6	2.6	2.8	3.9
"	地中温度 1939	6.1	4.9	3.9	3.5	3.1	3.0	4.0	5.9	7.6	8.1	8.1	7.2
"	(4.0m) 40	5.6	4.8	4.1	3.5	---	3.4	4.0	5.5	6.9	7.6	7.5	6.6
"	地中温度 1939	6.7	5.9	5.1	4.6	4.1	3.9	4.0	4.9	6.1	7.0	7.3	7.2
"	(5.0m) 40	6.5	5.9	5.8	4.6	---	4.1	4.1	5.7	6.4	6.8	6.6	6.4
Number of rainy days	降水日数 1930	3	9	3	1	6	17	21	17	9	4	7	5
"	31	5	3	6	8	8	18	11	17	8	3	8	10
"	32	4	1	3	2	7	12	10	15	9	7	9	4
"	33	1	1	3	1	11	13	14	15	14	4	1	7
"	34	1	1	3	7	8	12	11	8	12	7	2	10
"	35	4	6	2	4	8	11	10	13	13	3	5	3
"	36	3	4	3	5	10	8	8	10	10	4	3	4
"	37	7	4	1	7	7	13	10	10	11	8	5	3
"	38	6	4	2	2	5	12	15	11	13	3	3	3
"	39	4	---	5	---	5	16	14	10	9	8	5	9
"	40	4	---	5	---	5	16	14	10	9	8	5	9
Number of clear days	快晴日数 1930	21	23	20	23	5	3	4	---	3	16	6	17
"	31	18	17	12	4	3	---	6	---	6	---	8	10
"	32	14	16	12	7	1	5	---	3	4	9	10	14
"	33	21	16	12	7	3	7	8	7	6	11	11	12
"	34	20	16	12	9	3	2	8	6	4	13	13	15
"	35	21	20	18	5	4	2	3	4	8	10	15	18
"	36	9	15	10	5	2	4	1	2	3	12	14	16
"	37	22	21	6	6	1	2	3	9	6	11	13	18
"	38	20	18	10	6	2	4	15	7	5	15	13	15
"	39	13	18	10	8	4	1	2	3	4	11	9	14
"	40	18	12	11	---	6	1	3	9	9	9	9	13
Number of cloudy days	曇天日数 1930	3	10	8	17	6	8	9	17	2	9	9	1
"	31	2	2	4	4	6	8	8	6	9	9	8	4
"	32	2	1	6	8	13	10	13	14	7	6	4	4
"	33	2	1	3	4	6	5	7	8	4	6	2	2
"	34	1	4	2	4	11	17	13	7	10	3	2	2
"	35	1	1	3	5	10	12	12	3	9	7	4	6
"	36	3	2	3	10	11	10	12	1	10	4	3	2
"	37	2	2	6	9	9	6	9	7	8	4	4	2
"	38	7	1	---	3	9	8	11	7	5	6	1	1
"	39	6	2	8	9	5	12	12	10	9	5	3	1
"	40	6	3	3	---	9	12	12	1	10	2	6	7
Number of foggy days	霧日数 1930	---	---	---	---	---	---	---	---	---	---	---	---
"	31	---	1	---	---	---	---	---	---	---	---	---	---
"	32	---	---	---	---	---	---	---	---	---	---	---	---
"	33	---	---	---	---	---	---	---	---	---	---	---	---
"	34	---	---	---	---	---	---	---	---	---	---	---	---
"	35	---	---	---	---	---	---	---	---	---	---	---	---
"	36	---	---	---	---	---	---	---	---	---	---	---	---
"	37	---	---	---	---	---	---	---	---	---	---	---	---
"	38	---	---	---	---	---	---	---	---	---	---	---	---
"	39	---	---	---	---	---	---	---	---	---	---	---	---
"	40	---	---	---	---	---	---	---	---	---	---	---	---

Underground temperature

" " "

" " "

Number of rainy days

Number of clear days

Number of cloudy days

Number of foggy days

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

28 / RESTRICTED

RESTRICTED

Teitsihar

STAT

Number of days
with hail

Number of days with
soft hail

Number of days
without sunshine

Number of days
with electrical
storms

Number of stormy
days

Number of earth-
quakes
Maximum snowfall
Number of freezing
days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
霪日数 1930													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
霪日数 1931													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
不照日数 1930													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
電雷日数 1930													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
暴風日数 1930													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
地震回数 1930													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
最大降雪量 1930													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute. February 1942 ()

STAT

252 **RESTRICTED**

STAT

RESTRICTED

408

海 港 哈 爾 濱

Barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Barometric pressure at sea level

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
冰點氣壓 1933	46.8	43.0	41.7	37.4	34.8	33.5	34.6	34.5	37.8	42.4	42.1	42.5	38.4
34	47.2	43.5	37.9	33.7	34.5	31.5	32.4	32.6	34.1	41.4	40.8	41.5	38.7
35	46.9	42.2	39.7	35.9	34.8	33.4	33.5	34.8	38.2	42.5	41.5	42.7	38.7
36	46.8	44.7	43.9	37.3	34.3	34.8	31.5	34.8	38.2	41.5	42.7	42.7	38.7
冰點氣壓 1933	53.4	52.2	49.9	44.0	41.1	38.6	41.0	42.5	44.0	49.1	54.5	53.8	44.5
34	57.9	50.7	50.6	45.2	40.3	37.1	43.4	43.7	49.5	49.5	50.0	52.4	47.9
35	53.0	55.9	48.9	42.8	41.0	38.4	42.8	39.1	45.7	49.5	54.4	52.3	48.4
36	53.5	53.1	53.1	48.5	44.9	39.3	38.6	40.3	43.6	47.6	51.4	54.3	50.1
冰點氣壓 1933	34.8	36.1	39.6	39.6	34.8	34.3	35.4	34.4	39.7	38.8	31.4	34.4	44.1
34	38.6	35.8	39.8	34.9	34.0	33.9	33.1	34.2	41.7	39.9	39.1	33.9	31.7
35	33.3	33.3	37.0	31.4	31.7	33.7	34.7	30.5	31.6	31.7	37.1	30.0	38.7
36	36.3	38.0	33.4	30.7	34.8	33.9	31.1	35.3	30.3	38.9	30.7	39.8	30.7
海平面氣壓 1933	73.0	69.5	66.9	61.4	57.8	56.0	56.4	57.0	60.9	66.4	68.4	68.7	64.1
34	73.8	71.5	68.3	63.3	60.5	57.7	57.4	57.4	61.3	67.4	68.7	71.3	65.1
35	71.3	67.5	64.7	60.8	59.0	55.7	55.3	57.3	61.8	68.1	72.9	71.3	63.1
36	71.8	71.8	69.4	61.7	57.4	55.1	53.8	57.4	61.3	65.2	69.9	67.5	63.9
平均氣溫 1933	-21.0	-18.8	-9.1	2.2	13.3	18.4	22.5	19.1	18.1	4.5	-10.1	-18.4	1.4
34	-22.7	-16.6	-9.9	1.6	13.6	18.3	19.1	18.9	11.8	3.1	-6.9	-14.0	1.3
35	-20.4	-19.5	-8.5	2.3	10.8	18.0	21.8	18.9	18.5	8.5	-11.0	-21.9	1.4
36	-21.6	-11.4	-10.9	2.6	10.6	17.7	20.4	18.1	13.3	2.4	-8.4	-19.4	0.1
37	-24.0	-18.2	-12.3	3.4	9.7	18.6	20.7	19.3	13.0	4.1	-11.8	-23.9	0.1
38	-24.1	-19.5	-5.3	4.4	11.8	18.5	22.3	19.8	18.8	4.6	-9.1	-22.9	1.0
39	-26.1	-19.3	-8.2	4.6	11.3	16.5	22.5	20.8	11.7	2.4	-2.8	-18.7	0.9
最高氣溫 1933	-14.7	-11.5	-1.3	8.9	21.1	25.4	28.8	25.0	18.4	10.6	-3.0	-10.9	7.9
34	-15.1	-8.1	-4.0	2.0	20.0	23.0	24.3	19.0	9.0	0.0	-1.4	-8.3	7.5
35	-14.4	-3.7	0.0	8.8	19.7	23.1	24.4	21.2	19.4	11.9	-3.7	-17.0	7.5
36	-20.7	-15.2	-4.4	9.8	17.8	24.8	25.5	20.4	18.8	8.8	-4.0	-14.1	7.9
37	-18.9	-11.8	-3.5	9.9	17.3	25.7	28.1	25.3	18.0	10.0	-3.1	-12.8	8.3
38	-19.6	-14.3	1.3	11.4	18.1	25.0	27.8	25.0	18.3	12.8	-3.4	-17.4	7.9
39	-20.9	-12.4	-1.8	12.0	18.3	22.1	27.3	27.3	18.3	9.7	-3.2	-14.9	7.8
最低氣溫 1933	-27.1	-29.2	-28.1	-3.4	5.6	12.8	19.9	14.0	6.9	-1.0	-15.4	-21.4	-4.1
34	-28.1	-28.2	-22.3	-3.9	8.2	13.9	19.9	14.3	7.3	-2.3	-11.7	-21.3	-3.7
35	-26.4	-22.4	-18.2	-1.4	4.4	11.4	18.9	14.9	6.3	1.4	-8.0	-20.1	-7.1
36	-31.4	-25.7	-19.8	-1.4	0.9	8.8	13.3	11.0	5.1	-4.9	-14.7	-24.3	-7.8
37	-30.8	-22.8	-21.0	-5.3	0.7	9.7	13.1	11.5	3.8	-3.7	-24.4	-21.4	-4.0
38	-32.0	-27.2	-14.8	-4.3	4.4	10.6	17.3	13.0	4.4	-3.4	-27.0	-22.3	-4.8
39	-28.9	-24.7	-13.7	-1.3	5.0	11.3	18.4	15.0	7.4	-4.0	-22.2	-22.4	-4.7
最高氣溫 1933	-4.1	-4.0	12.0	16.4	22.7	25.7	31.0	30.0	25.4	15.4	2.9	2.2	22.0
34	-11.0	-4.2	0.8	18.4	24.4	29.1	28.1	29.3	24.0	21.9	8.1	2.2	22.4
35	-10.8	3.7	11.0	20.8	26.4	29.0	32.0	29.0	26.0	22.1	11.1	2.2	22.4
36	-1.2	2.6	8.4	15.8	21.4	24.0	28.0	28.0	22.0	18.1	6.0	2.2	22.4
37	-3.8	0.0	3.0	17.0	22.0	23.0	24.0	28.0	17.0	11.0	-1.0	2.2	22.4
38	-1.8	-1.0	13.0	20.0	26.0	28.0	31.0	28.0	23.0	18.0	2.2	2.2	22.4
39	-10.7	-5.0	3.0	16.0	22.0	27.0	28.0	28.0	21.0	14.0	2.2	2.2	22.4

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

283 RESTRICTED

STAT

STAT

RESTRICTED

Hai-lun

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最低温度	1933	-32.0	-32.6	-27.0	-7.9	-2.7	4.6	8.5	8.4	-1.4	-6.0	-23.6	-26.6
	34	-31.4	-28.3	-26.4	-10.0	0.2	10.1	11.5	3.8	-0.3	-10.0	-20.1	-24.6
	35	-32.6	-29.3	-19.6	-10.0	-0.8	7.4	11.4	3.8	-0.3	-10.0	-20.1	-24.6
	37	-37.0	-34.4	-29.0	-10.8	-4.6	0.4	8.6	4.0	-4.1	-11.4	-20.0	-24.8
	38	-32.0	-26.6	-28.8	-11.0	-2.8	3.1	8.7	8.6	-1.4	-10.4	-21.1	-25.0
	39	-32.4	-30.0	-25.0	-14.0	-2.0	6.9	10.8	8.0	-5.0	-10.0	-21.8	-25.3
水汽饱和力	1933	0.7	0.8	1.6	3.1	6.0	10.8	14.1	12.1	8.3	4.6	1.8	1.0
	34	0.6	1.0	1.6	3.0	7.8	12.0	12.3	7.7	3.9	1.9	1.1	1.5
	35	0.7	1.4	1.7	2.9	6.5	9.3	13.8	12.8	8.1	5.5	1.7	0.8
	36	0.5	0.7	1.5	3.1	5.4	10.4	14.8	13.0	9.1	5.9	1.7	0.8
平均湿度	1933	77	69	67	57	54	70	74	81	80	73	78	71
	34	78	78	70	62	69	77	79	77	74	73	78	71
	35	67	67	65	5.3	7.0	69	72	77	74	75	70	68
	36	74	73	67	5.8	5.9	71	84	80	80	69	67	71
最小湿度	1933	55	38	19	20	20	26	37	46	43	33	34	45
	34	61	51	36	28	25	30	45	40	30	30	34	31
	35	46	43	32	15	20	27	29	35	29	29	40	48
	36	47	38	35	15	19	26	35	48	36	31	32	35
平均云量	1933	2.4	2.5	3.3	4.3	5.1	6.2	5.4	5.6	5.4	3.7	3.1	2.8
	34	2.5	1.9	4.5	4.3	6.0	6.2	5.7	4.6	6.0	4.1	3.6	2.3
	35	1.8	3.4	3.3	5.5	6.2	5.9	5.4	5.2	5.9	5.9	1.6	4.4
	36	2.6	3.3	3.0	3.3	6.3	7.2	5.1	6.1	4.3	3.6	2.4	4.4
平均风速	1933	1.7	2.4	2.6	3.9	3.7	2.7	3.1	3.0	2.9	2.6	3.0	2.3
	34	1.9	2.2	3.3	4.1	3.2	2.7	2.3	2.3	2.7	2.3	3.4	2.7
	35	2.2	3.0	3.1	3.8	3.7	2.8	2.2	1.4	2.9	2.2	1.9	2.7
	36	1.5	1.3	3.1	3.4	3.9	3.1	2.3	2.1	2.0	2.2	2.6	2.6
最大风速	1933	7.0	8.5	10.3	13.5	11.1	11.1	13.5	8.4	11.1	12.3	9.7	8.2
	34	7.0	8.4	12.3	12.0	9.0	9.7	7.8	8.7	11.8	12.1	8.8	12.0
	35	11.1	10.5	12.7	12.0	11.7	10.7	8.9	8.4	12.5	12.2	8.2	12.7
	36	6.6	5.8	11.7	14.5	12.2	10.6	11.0	9.4	8.5	11.7	10.2	7.0
降水量	1933	1.4	0.6	2.1	12.4	15.6	126.6	27.7	180.3	12.1	48.0	12.5	2.2
	34	2.4	—	2.9	20.6	15.2	122.2	22.2	116.7	22.2	21.9	0.9	2.2
	35	2.1	7.0	6.5	32.8	29.3	81.5	122.2	69.3	66.9	28.5	20.7	0.6
	36	2.4	7.2	8.5	22.9	41.9	101.8	227.7	151.3	42.7	12.2	7.9	21.2
	37	4.1	2.2	2.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
	38	2.6	7.2	2.9	20.8	52.3	194.8	222.7	122.2	22.2	21.3	4.1	2.2
	39	4.0	1.5	5.9	37.5	72.0	122.7	22.7	21.6	22.2	22.2	22.2	22.2
最大日量	1933	0.6	0.4	2.1	12.4	4.4	21.9	12.7	22.2	12.2	22.2	6.2	0.2
	34	1.7	—	2.9	11.8	29.3	21.1	22.2	22.2	22.2	22.2	22.2	22.2
	35	0.7	4.4	2.4	22.2	1.4	12.2	22.2	22.2	22.2	22.2	22.2	22.2
	36	1.0	2.2	1.3	1.2	12.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
	37	2.6	2.1	1.3	22.2	7.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
	38	2.4	4.3	2.3	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
	39	2.1	2.2	1.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
日照时数	1933	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
	34	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
	35	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
	36	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
	37	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
	38	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2
	39	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942 ()

284

RESTRICTED

STAT

RESTRICTED
Hai-lun

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照率	1933 75	80	75	60	64	60	64	58	50	66	64	55	64
34	86	77	62	80	43	39	34	33	45	58	55	55	53
35	73	66	61	59	54	47	55	50	46	46	48	48	52
36	64	64	64	59	41	39	47	50	51	54	54	49	51
蒸发量	1933 17.6	22.1	40.8	104.7	227.6	284.3	215.1	121.1	120.0	280.0	22.0	22.0	1200.0
34	26.5	34.8	47.0	101.5	134.7	184.4	121.7	120.0	120.0	220.0	22.0	22.0	1200.0
35	13.5	18.4	23.5	126.3	184.6	190.4	162.2	100.0	120.0	120.0	22.0	22.0	1200.0
36	32.8	25.4	24.0	115.1	158.8	153.8	108.8	100.0	120.0	120.0	22.0	22.0	1200.0
37	24.7	28.7	44.0	120.4	164.4	171.1	148.1	100.0	120.0	120.0	22.0	22.0	1200.0
38	19.8	18.0	28.9	111.8	142.5	133.4	118.0	115.0	120.0	120.0	22.0	22.0	1200.0
39	9.3	10.5	39.0	123.8	164.4	141.3	137.7	124.9	110.0	120.0	22.0	22.0	1200.0
最大日量	1933 0.9	1.1	3.9	5.9	15.3	11.9	8.1	6.6	5.0	1.8	1.8	1.8	14.3
34	1.0	1.6	4.5	9.5	9.0	7.0	5.9	6.8	3.9	3.3	3.4	1.8	14.3
35	0.8	1.4	3.1	10.0	13.4	11.8	9.8	6.0	12.8	4.3	2.3	1.3	13.4
36	0.5	2.0	3.5	7.4	13.4	8.7	7.7	5.9	2.9	3.5	1.9	1.1	13.4
平均	1933												
地面温度	34	-20.3	-13.3	-7.7	2.6	14.3	22.1	26.5	21.1	13.7	5.0	-7.1	-14.4
35	-18.3	-11.7	-4.0	4.0	10.7	18.7	23.7	20.4	13.0	5.9	-4.1	-12.5	3.8
36	-24.0	-18.9	-8.8	4.3	11.4	19.4	22.8	21.8	14.4	3.3	-7.5	-18.0	1.7
37	-18.0	-10.4	-4.6	3.9	10.3	20.4	22.8	20.7	12.8	3.6	-8.4	-16.7	2.0
38	-22.6	-15.5	-4.3	6.0	11.5	18.8	23.1	20.6	12.3	4.3	-7.8	-16.0	2.4
39	-22.7	-18.4	-4.7	5.8	12.9	18.1	24.7	24.4	13.6	3.4	-8.1	-17.4	2.5
地下温度	1933												
(0.1m)	34	-19.8	-12.8	-7.1	2.1	13.0	22.0	22.1	23.9	16.3	4.9	-3.3	-12.1
35	-17.6	-14.4	-4.0	2.0	14.3	21.6	24.4	21.6	15.5	3.7	-4.6	-10.4	2.8
36	-15.1	-10.3	-3.3	5.5	14.8	20.9	24.9	21.8	14.6	6.1	-5.3	-14.4	3.0
37	-17.6	-11.9	-7.0	3.8	14.4	20.5	22.9	19.3	13.9	2.8	-3.3	-12.9	3.4
(0.2m)	1933												
34	-16.1	-10.2	-4.7	0.2	7.9	15.4	21.0	22.8	12.1	4.6	-3.4	-11.8	2.0
35	-17.7	-14.5	-3.1	-0.7	8.3	15.5	17.7	22.2	12.3	3.4	-2.8	-10.9	2.1
36	-15.8	-10.0	-4.7	0.4	8.4	14.3	18.9	18.5	12.7	6.3	-2.7	-11.6	2.2
37	-15.8	-12.8	-7.4	0.3	8.2	14.0	18.1	17.8	13.0	4.3	-1.6	-7.4	2.4
(0.3m)	1933												
34	-14.4	-14.9	-4.4	-2.4	6.1	13.9	18.7	17.8	12.5	5.0	-2.0	-10.2	2.1
35	-14.7	-13.8	-7.3	-1.1	8.5	14.9	18.9	17.8	12.4	4.4	-1.5	-7.9	2.3
36	-12.8	-8.5	-2.3	-0.4	4.7	12.4	17.5	17.9	12.9	7.1	-0.7	-7.2	2.6
37	-14.4	-13.5	-7.8	-0.3	4.1	12.1	14.5	17.5	12.9	6.4	-0.1	-5.7	2.5
38	-11.8	-10.5	-4.9	-0.1	4.8	11.9	14.7	17.0	13.1	6.0	-0.1	-5.0	2.5
39	-12.1	-10.9	-	-	3.4	12.7	17.9	17.8	13.5	4.6	-0.2	-4.9	2.6
(0.4m)	1933												
34	-12.1	-12.5	-5.8	-0.6	4.9	12.2	12.2	14.9	12.6	4.3	1.1	-3.6	2.0
35	-12.6	-11.4	-4.2	-1.1	4.8	12.2	12.1	14.1	12.4	3.4	0.4	-2.9	2.2
36	-10.1	-7.9	-3.3	-0.6	3.4	12.2	12.7	13.5	12.0	7.2	0.7	-2.6	2.2
37	-10.1	-10.3	-7.6	-0.6	3.0	12.0	14.7	13.7	12.9	3.9	0.3	-2.5	2.1
(1.0m)	1933												
34	-7.9	-4.7	-1.1	-1.6	0.8	4.4	10.4	12.1	12.1	7.2	0.4	-1.1	0.8
35	-7.8	-4.9	-2.4	-1.8	0.1	7.1	10.4	12.4	12.5	7.2	0.2	-1.1	0.8
36	-7.9	-4.9	-2.4	-1.8	0.1	7.1	10.4	12.4	12.5	7.2	0.2	-1.1	0.8
37	-7.9	-4.9	-2.4	-1.8	0.1	7.1	10.4	12.4	12.5	7.2	0.2	-1.1	0.8
38	-7.9	-4.9	-2.4	-1.8	0.1	7.1	10.4	12.4	12.5	7.2	0.2	-1.1	0.8
39	-7.9	-4.9	-2.4	-1.8	0.1	7.1	10.4	12.4	12.5	7.2	0.2	-1.1	0.8

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean ground level temperature

Underground temperature

" "

" "

" "

" "

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 ()

285 RESTRICTED

STAT

STAT

STAT

RESTRICTED

Had-lun

Underground temp.

Underground temp.

No. of rainy days

No. of clear days

No. of cloudy days

No. of foggy days

No. of days of hail

No. of days of soft hail

No. of days without sunshine

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地下温度 (2.0m) 1933	1.8	-0.4	-1.8	-1.7	-0.8	-0.3	0.6	2.9	6.7	8.6	6.4	2.7	1.8
34	1.1	0.0	-0.9	-0.3	-0.1	1.7	3.7	7.8	7.0	4.9	3.1	1.6	
35	1.7	0.7	0.1	0.9	0.0	0.0	1.3	6.5	7.8	6.1	3.8	2.0	
36	1.8	0.4	-0.4	-0.6	-0.1	-0.5	-0.8	4.5	7.7	7.3	5.3	3.4	
37	1.8	0.8	0.5	-1.6	0.1	0.8	0.5	5.4	7.8	7.5	5.5	3.4	
地下温度 (3.0m) 1933	2.6	1.5	0.7	0.3	0.1	0.1	0.1	0.7	3.4	4.4	4.4	3.4	1.9
34	2.5	1.5	0.9	0.5	0.4	0.4	0.6	2.8	4.4	4.9	3.9	2.3	
35	2.9	2.0	1.4	1.0	0.8	0.7	0.7	3.1	5.3	5.7	4.7	2.9	
36	3.4	0.3	1.4	0.8	0.7	0.6	1.6	2.3	4.7	5.6	3.8	2.1	
37	3.1	2.3	1.7	1.3	1.0	0.8	0.7	2.7	5.0	5.7	5.4	4.3	
降水日数 1933	4	1	1	3	8	15	8	13	13	7	6	8	87
34	5	5	5	12	15	18	11	11	8	1	9	9	108
35	5	4	3	5	16	14	17	13	10	9	8	5	120
36	8	6	3	5	13	20	28	10	18	7	9	7	120
37	3	2	1	7	14	9	16	10	13	9	7	6	108
38	5	5	2	8	15	18	19	15	15	7	6	8	117
39	3	3	6	6	11	22	17	7	16	4	7	5	118
晴天日数 1933	18	16	8	6	4	3	4	1	4	18	14	13	103
34	19	20	6	7	11	11	5	3	11	19	16	10	103
35	19	11	12	4	6	3	4	6	6	16	20	10	107
36	15	15	17	7	1	3	2	7	6	10	10	16	108
37	20	18	18	4	1	5	3	10	7	10	16	20	124
38	18	16	21	4	1	3	5	3	5	13	17	22	127
39	19	24	12	11	10	5	4	10	5	15	18	22	153
曇天日数 1933	1	1	1	4	5	8	4	8	7	6	4	2	21
34	3	1	5	7	10	11	8	12	6	4	2	2	24
35	1	4	3	8	13	8	9	8	7	4	1	1	24
36	2	5	4	6	10	18	14	6	10	4	2	2	28
37	2	2	4	6	7	4	6	9	8	5	3	3	37
38	1	2	1	8	8	6	11	15	8	2	2	1	44
39	3	1	4	6	3	8	15	4	7	3	3	1	58
雾日数 1933	1	1	1	1	1	1	1	1	1	1	1	1	12
34	1	1	1	1	1	1	1	1	1	1	1	1	12
35	1	1	1	1	1	1	1	1	1	1	1	1	12
36	1	1	1	1	1	1	1	1	1	1	1	1	12
37	1	1	1	1	1	1	1	1	1	1	1	1	12
38	1	1	1	1	1	1	1	1	1	1	1	1	12
39	1	1	1	1	1	1	1	1	1	1	1	1	12
霰日数 1934	1	1	1	1	1	1	1	1	1	1	1	1	12
35	1	1	1	1	1	1	1	1	1	1	1	1	12
36	1	1	1	1	1	1	1	1	1	1	1	1	12
37	1	1	1	1	1	1	1	1	1	1	1	1	12
38	1	1	1	1	1	1	1	1	1	1	1	1	12
39	1	1	1	1	1	1	1	1	1	1	1	1	12
日照时数 1933	11	11	11	11	11	11	11	11	11	11	11	11	11
34	11	11	11	11	11	11	11	11	11	11	11	11	11
35	11	11	11	11	11	11	11	11	11	11	11	11	11
36	11	11	11	11	11	11	11	11	11	11	11	11	11
37	11	11	11	11	11	11	11	11	11	11	11	11	11
38	11	11	11	11	11	11	11	11	11	11	11	11	11
39	11	11	11	11	11	11	11	11	11	11	11	11	11

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

海 州 Hai-lun 鎮

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
電氣日數 1933	---	---	---	---	1	7	---	4	8	---	---	---	24
34	---	---	---	---	1	7	---	4	8	---	---	---	24
35	---	---	---	---	1	7	---	4	8	---	---	---	24
36	---	---	---	---	1	7	---	4	8	---	---	---	24
37	---	---	---	---	1	7	---	4	8	---	---	---	24
38	---	---	---	---	1	7	---	4	8	---	---	---	24
39	---	---	---	---	1	7	---	4	8	---	---	---	24
暴風日數 1933	---	---	1	5	4	2	1	---	1	1	---	---	15
34	---	---	1	5	4	2	1	---	1	1	---	---	15
35	---	---	1	5	4	2	1	---	1	1	---	---	15
36	---	---	1	5	4	2	1	---	1	1	---	---	15
37	---	---	1	5	4	2	1	---	1	1	---	---	15
38	---	---	1	5	4	2	1	---	1	1	---	---	15
39	---	---	1	5	4	2	1	---	1	1	---	---	15
最高降雪量 1934	6.3	6.1	3.5	2.5	---	---	---	---	---	2.0	1.0	7.0	7.0
35	6.5	7.0	7.0	3.0	---	---	---	---	---	2.0	1.0	7.0	7.0
36	14.0	21.0	20.0	---	---	---	---	---	---	6.9	---	---	21.0

No. of days of electrical storms

No. of stormy days

Maximum snowfall

孔 查 蘭 屯 Cha-lan-t'un 屯

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最高氣壓 1909	39.5	34.1	34.8	30.0	28.9	27.4	27.4	26.8	26.8	32.2	32.9	37.8	32.3
10	37.0	31.5	33.0	28.8	28.2	25.0	26.0	25.5	25.8	31.8	32.8	37.7	32.4
11	36.3	31.3	32.1	28.3	28.4	25.4	26.0	25.1	25.8	31.8	32.8	37.7	32.4
12	36.7	32.0	32.8	28.0	27.7	25.4	27.0	26.0	25.3	32.0	32.8	38.0	32.4
13	36.8	32.4	32.1	28.6	28.4	25.9	27.6	26.9	25.7	32.9	32.8	37.4	32.4
14	31.4	32.1	32.7	31.8	27.4	24.3	26.2	25.7	25.3	32.8	32.4	32.7	32.1
15	32.0	32.8	32.0	31.7	27.0	24.3	26.4	25.4	25.1	32.1	32.4	32.7	32.1
16	32.5	32.0	32.5	30.4	26.1	24.5	26.8	25.3	25.5	32.8	32.1	32.8	32.8
17	32.1	32.9	32.7	29.8	27.8	25.1	26.1	27.4	26.0	32.3	32.5	32.7	32.4
18	32.4	32.7	32.7	29.9	28.0	24.8	26.4	26.0	25.8	32.8	32.1	---	---
21	32.7	32.8	32.8	29.4	28.4	27.3	26.1	26.8	25.8	32.8	32.8	32.8	32.8
22	32.9	32.9	32.8	31.8	28.8	26.3	26.8	26.8	25.5	32.8	32.8	32.8	32.8
23	32.8	32.7	32.0	31.5	28.4	26.7	26.7	26.8	25.1	32.8	32.8	32.8	32.8
24	32.1	32.4	32.7	28.4	28.3	25.3	25.1	25.1	25.3	32.8	32.8	32.8	32.8
25	32.5	32.3	32.7	29.9	27.7	25.3	27.4	26.8	25.8	32.8	32.8	32.8	32.8
26	32.8	32.9	32.4	29.3	28.0	26.0	26.0	26.0	24.9	32.8	32.8	32.8	32.8
27	32.5	32.1	32.4	29.8	27.7	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
28	32.2	32.4	32.0	29.3	26.5	26.7	26.4	26.4	24.4	32.8	32.7	32.8	32.8
29	32.8	32.8	32.8	29.3	27.9	25.3	26.3	26.3	24.9	32.8	32.8	32.8	32.8
30	---	---	---	---	---	---	---	---	---	---	---	---	---
31	32.1	32.3	32.0	29.1	28.1	26.0	26.0	26.4	25.8	32.8	32.8	32.8	32.8
32	32.0	32.0	32.3	29.4	28.0	26.0	26.0	26.0	24.7	32.8	32.8	32.8	32.8
33	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
34	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
35	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
36	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
37	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
38	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
39	32.8	32.8	32.8	29.8	28.8	26.8	26.8	26.8	24.7	32.8	32.8	32.8	32.8
最低氣壓 1909	31.7	41.4	42.0	32.8	26.4	23.3	24.6	23.8	23.5	28.5	28.5	28.5	28.5
10	29.4	41.1	41.0	32.0	26.0	23.3	24.1	23.1	23.1	28.5	28.5	28.5	28.5
11	29.6	40.4	40.8	32.0	26.0	23.3	24.1	23.1	23.1	28.5	28.5	28.5	28.5
12	29.8	40.4	40.8	32.0	26.0	23.3	24.1	23.1	23.1	28.5	28.5	28.5	28.5
13	29.8	40.4	40.8	32.0	26.0	23.3	24.1	23.1	23.1	28.5	28.5	28.5	28.5
14	29.8	40.4	40.8	32.0	26.0	23.3	24.1	23.1	23.1	28.5	28.5	28.5	28.5

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED													
乳 Cha-lan-t'un													
年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	年
Highest barometric pressure of freezing point													
1914	44.3	47.1	48.8	48.7	48.8	48.5	48.5	48.6	48.8	48.8	48.6	48.8	48.5
15	44.0	46.8	48.7	48.4	47.7	47.7	48.1	48.1	48.0	48.0	48.2	48.2	48.0
16	47.5	45.1	41.8	40.1	39.7	35.3	35.1	35.3	35.9	38.9	39.3	40.1	41.1
17	46.8	50.1	48.3	48.9	48.3	48.3	48.4	48.3	48.5	48.5	48.7	49.1	49.1
18	48.0	46.8	47.9	48.1	47.8	47.7	47.8	48.0	48.2	48.2	48.1	48.1	48.1
21	49.3	45.0	42.0	41.0	37.8	37.8	38.7	38.4	41.4	45.9	46.1	46.4	46.4
22	47.3	46.7	48.8	49.3	49.9	49.9	48.5	48.8	48.1	48.8	48.9	49.4	49.4
23	47.4	47.7	41.8	40.7	39.7	34.3	33.9	33.6	34.7	38.8	42.0	42.3	42.7
24	51.7	45.4	42.6	41.4	35.7	31.7	31.3	31.8	35.5	42.0	42.9	42.8	42.8
25	48.8	46.1	45.8	46.0	45.6	45.8	45.9	45.3	45.1	46.1	46.4	46.3	46.1
26	49.7	45.3	44.1	39.3	40.3	37.0	36.6	34.7	40.3	43.7	44.3	47.3	46.7
27	46.1	48.8	45.7	49.3	48.4	43.0	40.4	34.5	38.1	40.1	40.4	40.0	40.4
28	50.4	46.1	44.2	43.5	33.7	24.4	29.1	24.6	44.8	46.3	46.3	49.7	50.4
29	47.3	46.4	46.6	47.9	44.9	36.2	31.9	31.8	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	43.7	45.8	—
31	49.3	45.3	41.3	39.0	34.5	30.7	36.3	38.0	37.3	44.4	44.4	46.3	46.3
32	44.8	50.0	49.7	38.0	40.3	30.7	39.4	38.0	40.0	40.1	41.7	47.3	50.0
海平面 1909													
10	28.7	30.8	34.4	37.4	37.4	39.6	40.5	40.6	41.3	41.7	43.5	43.3	43.5
11	31.3	37.0	31.0	31.0	29.8	24.8	22.7	21.6	23.7	24.9	24.3	26.8	28.7
12	31.9	31.3	31.0	27.9	19.5	15.8	19.1	21.8	23.0	26.4	28.8	31.8	31.8
13	26.5	30.8	24.6	15.6	18.3	20.3	18.3	17.5	18.4	21.4	24.3	29.3	25.6
14	33.4	27.5	23.9	17.4	14.3	17.8	19.8	20.6	14.4	24.5	23.5	30.0	24.8
15	30.4	29.4	30.6	29.7	35.1	35.6	38.4	34.5	39.6	39.7	33.9	33.3	29.7
16	32.7	30.3	18.0	18.3	17.0	18.0	17.4	18.0	28.0	21.0	24.8	31.3	32.9
17	29.0	28.5	23.8	14.4	17.8	17.8	19.7	18.3	24.4	27.3	27.0	25.0	24.4
18	33.1	39.0	23.8	23.5	17.9	14.5	19.9	15.3	19.6	28.7	29.8	21.1	24.5
19	27.5	24.3	31.1	17.1	18.0	15.4	17.0	16.3	21.8	24.1	24.1	26.1	24.6
21	35.4	30.7	23.2	12.4	15.7	20.0	23.2	23.8	24.7	17.6	25.6	24.3	24.4
22	33.3	34.8	24.3	15.3	14.1	17.4	18.1	21.6	19.8	15.6	21.3	26.3	24.1
23	24.1	25.8	16.3	20.1	12.7	14.6	15.1	20.4	24.0	20.5	21.7	23.8	18.7
24	29.3	23.5	24.2	17.7	20.3	18.7	23.3	20.1	29.9	28.8	15.0	21.6	23.3
25	28.7	25.3	25.9	17.3	17.1	17.5	20.1	23.8	23.8	24.5	21.8	21.4	21.1
26	27.8	27.4	28.0	14.0	14.4	15.7	19.4	18.3	21.0	18.8	21.8	22.1	24.4
27	24.1	28.0	20.1	14.0	19.4	15.6	15.8	15.6	22.0	21.5	15.6	23.8	13.8
28	29.3	24.6	23.5	17.8	13.4	19.3	19.3	22.4	17.8	24.4	19.1	23.4	13.4
29	20.0	30.4	14.0	11.9	18.4	14.4	18.4	13.5	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	23.3	24.4	—
31	27.1	29.0	13.8	18.0	16.9	17.8	19.0	15.4	17.3	22.3	21.1	21.1	23.3
32	18.0	26.8	19.3	11.6	16.9	20.1	20.8	18.0	26.3	24.0	15.9	26.9	21.6
海平面 1939													
10	71.7	71.1	63.4	60.6	55.3	51.0	54.0	57.0	58.9	46.6	61.0	69.3	61.8
平均 1909													
10	-20.1	-16.8	-10.1	1.1	13.8	17.3	21.4	19.8	16.7	3.1	-2.0	-17.9	7.3
11	-19.8	-12.8	-2.3	6.8	12.0	17.0	21.0	19.3	11.0	3.8	-2.0	-21.0	13.6
12	-18.3	-12.6	-4.1	4.4	12.4	17.9	22.3	20.3	2.6	1.0	-17.1	-10.1	10.0
13	-15.3	-10.3	-7.9	-4.8	11.1	13.7	21.1	18.6	22.0	8.9	-11.4	-10.1	2.1
14	-14.1	-14.3	-5.3	-2.8	13.1	18.0	22.9	19.0	21.6	4.6	-11.1	-12.1	2.3
15	-13.8	-11.0	-7.1	3.9	14.8	18.1	22.7	22.1	19.9	5.1	-11.0	-10.0	2.0
16	-12.8	-12.0	-4.8	6.8	12.0	17.0	21.0	19.3	11.0	3.8	-2.0	-21.0	13.6
17	-13.1	-12.7	-4.1	4.4	12.4	17.9	22.3	20.3	2.6	1.0	-17.1	-10.1	10.0
18	-11.4	-11.6	-3.8	3.9	14.8	18.0	22.8	21.9	19.9	5.1	-10.9	-10.0	2.0
19	-10.8	-10.1	-3.0	3.0	13.8	18.0	22.8	21.9	19.9	5.1	-10.9	-10.0	2.0
20	-10.4	-10.2	-3.2	3.2	13.6	17.8	22.6	21.7	19.7	4.9	-10.7	-9.9	1.9
21	-10.0	-10.1	-3.3	3.3	13.4	17.6	22.4	21.5	19.5	4.7	-10.5	-9.7	1.7
22	-10.0	-10.4	-3.3	3.3	13.4	17.6	22.4	21.5	19.5	4.7	-10.5	-9.7	1.7
23	-10.0	-10.4	-3.3	3.3	13.4	17.6	22.4	21.5	19.5	4.7	-10.5	-9.7	1.7
24	-10.0	-10.4	-3.3	3.3	13.4	17.6	22.4	21.5	19.5	4.7	-10.5	-9.7	1.7

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Barometric pressure at sea level

Mean atmospheric temperature

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

288

RESTRICTED

RESTRICTED
乳 Cha-lan-t'un 乳

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1944	-21.8	-17.9	-7.4	2.7	14.9	19.9	21.7	24.8	23.4	1.9	-2.2	-13.8	2.0
45	-17.1	-14.7	-6.9	7.6	14.3	19.7	21.3	24.8	22.9	2.8	-2.2	-12.2	2.4
46	-17.6	-13.3	-4.4	3.4	15.3	19.5	24.3	24.0	22.1	2.3	-2.2	-12.8	2.3
47	-17.7	-14.8	-5.4	4.3	11.1	18.3	24.4	22.1	22.5	2.0	-4.1	-12.0	2.2
48	-19.7	-15.1	-4.1	5.0	11.2	18.3	21.4	24.8	21.3	3.9	-3.3	-12.2	2.1
49	-19.6	-15.8	-4.9	4.0	13.4	17.3	20.8	24.6	21.7	1.1	-1.1	-11.1	2.1
50	-19.6	-15.8	-4.9	4.0	13.4	17.3	20.8	24.6	21.7	1.1	-1.1	-11.1	2.1
51	-22.3	-20.6	-6.0	2.3	11.1	16.7	22.3	22.9	24.4	4.8	-2.3	-17.5	2.1
52	-15.1	-13.5	-6.4	3.8	11.8	17.8	24.4	27.7	23.9	5.4	-2.7	-12.4	2.1
53	-17.7	-12.8	-5.2	6.8	12.5	17.5	22.3	22.8	22.5	2.0	-2.1	-12.0	2.7
40	-20.5	-14.8	-4.7	3.5	11.1	17.5	20.5	27.7	22.3	3.1	-11.1	-13.8	2.1
1949	-13.8	-7.3	-2.1	11.0	18.1	23.7	26.3	26.7	22.8	11.2	-2.7	-12.7	2.1
50	-12.3	-6.5	-1.1	12.3	19.5	23.4	26.0	26.1	22.4	10.9	0.4	-12.2	2.2
51	-9.4	-3.3	-0.6	10.4	18.3	23.3	27.3	23.4	17.3	5.9	-0.8	-14.1	2.0
52	-11.6	-4.0	1.0	11.8	20.6	25.4	26.1	25.7	18.6	12.7	-1.6	-9.5	2.4
53	-8.9	-2.3	0.2	14.8	21.8	24.7	26.5	27.6	22.9	12.2	-5.4	-12.4	2.2
54	-20.2	-12.1	-3.8	5.5	16.6	25.0	27.1	27.7	18.7	8.5	-2.3	-20.2	2.6
55	-10.6	-7.3	-2.7	8.1	18.6	23.3	27.8	27.7	18.7	8.5	-2.3	-20.2	2.6
56	-14.3	-4.8	1.8	10.9	18.9	24.5	28.1	26.7	18.5	9.7	-3.9	-13.4	2.2
57	-9.7	-5.4	4.8	11.9	19.0	24.4	27.1	27.4	18.6	11.7	-4.8	-12.1	2.3
58	-17.5	-6.6	-0.2	8.8	18.8	24.9	32.5	28.4	22.0	11.3	-2.3	-10.5	2.1
59	-11.5	-11.3	4.9	15.8	23.6	23.8	31.4	25.0	18.9	13.1	-3.3	-12.7	2.6
60	-8.7	-6.5	-0.3	9.5	21.8	26.6	29.0	26.3	21.1	11.2	-1.1	-11.8	2.0
61	-19.6	-4.4	-1.8	14.3	18.7	24.4	27.4	27.8	18.5	12.9	-4.4	-10.1	2.2
62	-13.3	-4.4	2.8	10.0	20.7	23.5	27.8	23.0	20.0	9.0	-5.5	-12.3	2.2
63	-15.7	-11.8	-1.3	8.6	19.2	27.0	27.9	27.9	21.4	8.8	-2.5	-8.5	2.2
64	-10.5	-7.9	-0.1	15.1	20.9	26.4	26.8	26.9	18.5	12.2	-2.1	-11.5	2.0
65	-11.9	-6.8	2.0	9.8	22.5	26.9	31.5	26.1	19.3	8.0	-2.2	-12.2	2.4
66	-11.8	-6.5	1.7	11.1	17.8	25.5	29.0	25.3	21.8	10.3	-0.6	-11.6	2.2
67	-13.9	-4.5	0.5	12.3	17.8	23.3	27.1	23.1	19.0	11.1	-3.6	-11.5	2.2
68	-13.8	-2.7	1.7	11.6	20.1	22.9	25.9	23.4	11.1	11.1	-1.1	-11.1	2.1
69	-16.8	-12.4	0.3	8.6	16.8	22.0	28.3	26.0	17.9	11.6	-2.9	-2.2	2.4
70	-9.0	-7.8	0.0	10.4	17.6	23.6	26.1	23.5	20.3	12.4	-2.5	-4.7	2.4
71	-15.2	-6.3	0.2	14.0	19.5	22.6	27.5	26.1	18.9	8.8	-2.2	-7.3	2.2
72	-16.1	-8.3	1.8	10.5	11.1	23.6	25.9	24.7	19.5	10.6	-5.3	-10.4	2.1
1949	-26.7	-26.4	-16.2	-7.7	4.6	9.5	15.7	24.5	22.0	-1.2	-12.2	-22.1	-2.7
50	-24.0	-22.3	-13.7	-3.5	3.1	11.3	17.0	24.9	22.0	-1.0	-12.0	-22.0	-2.5
51	-24.7	-22.8	-15.3	-1.5	4.5	10.8	16.9	24.7	21.5	-2.2	-11.9	-22.0	-2.4
52	-22.8	-22.6	-15.3	-2.2	4.5	9.7	11.9	15.0	18.3	2.8	-4.1	-12.4	-2.6
53	-24.7	-22.6	-11.4	-2.8	4.1	10.2	14.1	13.4	5.8	-2.2	-12.2	-22.0	-2.6
54	-22.1	-16.8	-14.0	-6.7	5.3	12.7	15.6	15.2	6.1	-1.4	-14.0	-22.1	-2.2
55	-20.9	-22.4	-12.8	-4.7	4.5	10.2	15.4	13.9	1.4	-1.4	-14.0	-22.1	-2.2
56	-22.8	-22.3	-15.3	-2.2	4.5	9.7	11.9	15.0	18.3	2.8	-4.1	-12.4	-2.6
57	-21.2	-18.0	-12.8	-2.3	5.3	11.9	12.9	12.4	4.1	-1.4	-14.0	-22.1	-2.2
58	-22.0	-16.2	-9.5	-2.3	5.3	12.0	14.3	12.2	5.4	-1.6	-12.2	-22.1	-2.2
59	-22.0	-22.4	-12.8	-2.7	3.8	11.6	12.9	12.9	6.6	-1.2	-14.1	-22.1	-2.2
60	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
61	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
62	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
63	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
64	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
65	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
66	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
67	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
68	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
69	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2
70	-22.2	-22.2	-12.1	-2.2	4.3	10.7	12.7	12.5	2.1	-1.2	-12.2	-22.1	-2.2

Mean atmospheric temperature

Mean maximum atmospheric temp.

Mean minimum atmospheric temp.

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

289 RESTRICTED

RESTRICTED

Cha-lan-t'un

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temp.

Year	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1909	-25.1	-20.0	-14.8	-9.2	3.8	10.8	15.1	18.3	16.8	11.7	-3.8	-10.2
11	-24.5	-19.0	-13.5	-7.8	5.1	11.1	15.3	18.6	17.1	12.0	-4.1	-10.5
13	-24.1	-18.7	-13.0	-7.4	5.4	11.3	15.5	18.8	17.3	12.2	-4.3	-10.7
15	-23.8	-18.4	-12.7	-7.1	5.7	11.6	15.8	19.1	17.6	12.5	-4.6	-11.0
17	-23.5	-18.1	-12.4	-6.8	6.0	11.9	16.1	19.4	17.9	12.8	-4.9	-11.3
19	-23.2	-17.8	-12.1	-6.5	6.3	12.2	16.4	19.7	18.2	13.1	-5.2	-11.6
21	-22.9	-17.5	-11.8	-6.2	6.6	12.5	16.7	20.0	18.5	13.4	-5.5	-11.9
23	-22.6	-17.2	-11.5	-5.9	6.9	12.8	17.0	20.3	18.8	13.7	-5.8	-12.2
25	-22.3	-16.9	-11.2	-5.6	7.2	13.1	17.3	20.6	19.1	14.0	-6.1	-12.5
27	-22.0	-16.6	-10.9	-5.3	7.5	13.4	17.6	20.9	19.4	14.3	-6.4	-12.8
29	-21.7	-16.3	-10.6	-5.0	7.8	13.7	17.9	21.2	19.7	14.6	-6.7	-13.1
31	-21.4	-16.0	-10.3	-4.7	8.1	14.0	18.2	21.5	20.0	14.9	-7.0	-13.4
33	-21.1	-15.7	-10.0	-4.4	8.4	14.3	18.5	21.8	20.3	15.2	-7.3	-13.7
35	-20.8	-15.4	-9.7	-4.1	8.7	14.6	18.8	22.1	20.6	15.5	-7.6	-14.0
37	-20.5	-15.1	-9.4	-3.8	9.0	14.9	19.1	22.4	20.9	15.8	-7.9	-14.3
39	-20.2	-14.8	-9.1	-3.5	9.3	15.2	19.4	22.7	21.2	16.1	-8.2	-14.6
41	-19.9	-14.5	-8.8	-3.2	9.6	15.5	19.7	23.0	21.5	16.4	-8.5	-14.9
43	-19.6	-14.2	-8.5	-2.9	9.9	15.8	20.0	23.3	21.8	16.7	-8.8	-15.2
45	-19.3	-13.9	-8.2	-2.6	10.2	16.1	20.3	23.6	22.1	17.0	-9.1	-15.5
47	-19.0	-13.6	-7.9	-2.3	10.5	16.4	20.6	23.9	22.4	17.3	-9.4	-15.8
49	-18.7	-13.3	-7.6	-2.0	10.8	16.7	20.9	24.2	22.7	17.6	-9.7	-16.1
51	-18.4	-13.0	-7.3	-1.7	11.1	17.0	21.2	24.5	23.0	17.9	-10.0	-16.4
53	-18.1	-12.7	-7.0	-1.4	11.4	17.3	21.5	24.8	23.3	18.2	-10.3	-16.7
55	-17.8	-12.4	-6.7	-1.1	11.7	17.6	21.8	25.1	23.6	18.5	-10.6	-17.0
57	-17.5	-12.1	-6.4	-0.8	12.0	17.9	22.1	25.4	23.9	18.8	-10.9	-17.3
59	-17.2	-11.8	-6.1	-0.5	12.3	18.2	22.4	25.7	24.2	19.1	-11.2	-17.6
61	-16.9	-11.5	-5.8	-0.2	12.6	18.5	22.7	26.0	24.5	19.4	-11.5	-17.9
63	-16.6	-11.2	-5.5	0.1	12.9	18.8	23.0	26.3	24.8	19.7	-11.8	-18.2
65	-16.3	-10.9	-5.2	0.4	13.2	19.1	23.3	26.6	25.1	20.0	-12.1	-18.5
67	-16.0	-10.6	-4.9	0.7	13.5	19.4	23.6	26.9	25.4	20.3	-12.4	-18.8
69	-15.7	-10.3	-4.6	1.0	13.8	19.7	23.9	27.2	25.7	20.6	-12.7	-19.1
71	-15.4	-10.0	-4.3	1.3	14.1	20.0	24.2	27.5	26.0	20.9	-13.0	-19.4
73	-15.1	-9.7	-4.0	1.6	14.4	20.3	24.5	27.8	26.3	21.2	-13.3	-19.7
75	-14.8	-9.4	-3.7	1.9	14.7	20.6	24.8	28.1	26.6	21.5	-13.6	-20.0
77	-14.5	-9.1	-3.4	2.2	15.0	20.9	25.1	28.4	26.9	21.8	-13.9	-20.3
79	-14.2	-8.8	-3.1	2.5	15.3	21.2	25.4	28.7	27.2	22.1	-14.2	-20.6
81	-13.9	-8.5	-2.8	2.8	15.6	21.5	25.7	29.0	27.5	22.4	-14.5	-20.9
83	-13.6	-8.2	-2.5	3.1	15.9	21.8	26.0	29.3	27.8	22.7	-14.8	-21.2
85	-13.3	-7.9	-2.2	3.4	16.2	22.1	26.3	29.6	28.1	23.0	-15.1	-21.5
87	-13.0	-7.6	-1.9	3.7	16.5	22.4	26.6	29.9	28.4	23.3	-15.4	-21.8
89	-12.7	-7.3	-1.6	4.0	16.8	22.7	26.9	30.2	28.7	23.6	-15.7	-22.1
91	-12.4	-7.0	-1.3	4.3	17.1	23.0	27.2	30.5	29.0	23.9	-16.0	-22.4
93	-12.1	-6.7	-1.0	4.6	17.4	23.3	27.5	30.8	29.3	24.2	-16.3	-22.7
95	-11.8	-6.4	-0.7	4.9	17.7	23.6	27.8	31.1	29.6	24.5	-16.6	-23.0
97	-11.5	-6.1	-0.4	5.2	18.0	23.9	28.1	31.4	29.9	24.8	-16.9	-23.3
99	-11.2	-5.8	-0.1	5.5	18.3	24.2	28.4	31.7	30.2	25.1	-17.2	-23.6

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

410

Cha-lan-t'un
乳 蘭 廳

Vapor pressure
Mean humidity
Minimum degree
of humidity
Mean cloud
density

Mean wind
velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水汽饱和力 1939	0.8	1.4	1.9	3.5	5.5	10.9	15.7	13.3	7.5	3.4	1.7	1.3	—
平均湿度 1939	89	76	61	48	31	74	78	74	71	66	68	79	—
最小湿度 1939	66	27	26	15	21	30	43	37	33	25	24	45	—
平均湿度 1909	2.8	4.1	4.5	4.6	6.5	4.9	6.6	5.1	4.6	4.7	4.5	2.9	4.7
10	2.0	1.9	4.7	6.1	6.9	7.5	8.6	7.5	4.7	5.9	5.1	2.7	5.3
11	4.3	4.0	4.7	5.1	6.1	7.5	8.0	6.0	5.8	4.0	4.7	3.5	5.3
12	2.5	4.0	4.4	5.6	6.3	6.8	6.6	5.1	4.3	4.8	4.0	2.3	4.7
13	3.0	5.4	4.7	7.7	9.1	7.6	6.1	5.1	5.7	2.7	2.9	4.0	5.3
14	2.8	3.3	5.2	3.2	5.3	7.6	6.8	5.1	4.9	4.7	4.4	2.8	4.7
15	4.3	3.4	5.6	5.9	7.1	6.8	7.0	6.7	4.8	4.1	4.5	3.9	5.3
16	3.2	3.2	4.0	4.1	5.4	5.3	5.4	4.8	4.3	4.5	3.4	4.1	4.3
17	3.0	2.4	3.4	4.4	4.7	5.8	5.7	5.4	4.6	3.9	3.4	5.1	4.3
18	2.3	2.7	3.1	4.0	5.9	6.5	5.7	4.7	4.8	3.2	2.1	1.4	3.9
19	1.4	2.6	3.0	3.2	5.1	5.9	4.3	4.9	2.9	4.2	2.6	2.6	3.7
20	3.7	2.5	2.2	3.6	5.1	5.9	4.1	4.9	2.9	4.2	2.6	2.6	3.7
21	1.9	2.6	2.0	3.7	3.7	5.3	5.7	4.4	4.9	4.3	4.7	3.8	3.9
22	2.4	5.1	5.3	5.6	8.7	6.9	7.0	6.2	4.9	4.5	3.0	3.1	5.3
23	2.0	4.3	4.2	4.9	5.8	7.1	6.2	6.3	5.9	5.1	5.8	4.1	5.1
24	4.0	3.6	4.2	6.4	6.1	7.0	6.7	4.2	4.6	4.5	2.7	5.0	5.1
25	2.5	3.0	5.5	5.6	7.8	6.3	7.6	5.2	4.8	4.6	4.5	2.7	5.0
26	3.7	3.9	4.5	5.1	6.2	7.0	6.5	6.2	5.5	5.1	3.5	4.8	5.1
27	2.5	3.2	4.5	5.1	6.2	7.0	6.5	6.2	5.5	5.1	3.5	4.8	5.1
28	4.1	3.4	4.8	5.2	6.8	6.7	7.4	7.7	5.8	5.1	4.5	3.3	5.1
29	—	—	—	—	—	—	—	—	—	—	—	—	—
30	3.1	4.2	4.7	5.5	7.0	8.3	7.2	7.6	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—
32	3.8	2.8	2.6	3.5	6.8	7.3	6.3	5.8	6.0	4.0	4.4	3.8	4.7
33	5.0	2.8	5.2	5.2	6.7	6.3	8.1	7.0	5.3	4.0	3.3	3.6	4.4
34	2.8	2.0	4.6	4.5	4.7	7.6	7.1	6.1	5.6	4.3	3.7	2.8	4.7
平均风速 1909	3.0	3.9	4.7	4.7	5.2	2.4	2.3	2.1	3.0	2.6	3.4	2.2	3.2
10	3.8	3.5	4.5	3.6	2.8	2.6	1.7	1.6	2.2	1.8	2.2	2.5	2.8
11	2.3	3.1	2.5	2.9	2.5	1.9	1.5	1.4	1.9	2.0	2.2	2.5	2.3
12	3.7	3.6	3.8	3.5	2.8	1.7	1.3	1.6	2.2	2.1	2.2	2.4	2.7
13	3.6	4.3	3.6	3.4	2.5	2.5	1.4	1.5	2.2	2.1	2.2	2.4	2.7
14	2.2	2.5	3.1	3.4	2.7	1.7	1.5	1.6	2.3	2.1	1.9	2.2	2.3
15	2.2	3.2	3.0	3.1	2.8	2.1	1.9	1.7	2.2	1.5	2.1	2.1	2.2
16	2.1	2.7	3.6	4.3	2.9	2.4	2.4	1.7	2.3	2.7	3.2	2.9	2.8
17	4.4	3.9	2.8	3.4	2.6	2.0	2.0	1.8	2.0	2.2	2.2	4.7	2.9
18	4.9	2.8	2.8	4.2	2.0	1.2	0.9	1.2	1.7	2.7	2.1	1.3	2.3
19	3.3	1.6	3.4	2.5	2.4	1.1	1.1	1.1	1.6	3.4	2.4	2.0	2.2
20	1.5	1.1	1.8	2.9	1.5	2.2	1.2	1.3	1.9	1.5	1.5	2.2	1.7
21	2.0	3.1	3.1	2.9	2.3	1.2	0.9	1.2	1.3	1.5	1.6	2.2	2.2
22	3.1	2.2	3.2	3.2	2.2	2.4	2.2	1.2	2.2	2.2	2.2	2.2	2.2
23	3.3	3.4	3.6	3.7	3.1	2.5	2.1	2.1	2.4	3.1	3.1	3.7	2.9
24	2.2	2.4	3.0	3.1	3.1	2.5	2.5	2.5	2.7	3.0	3.1	3.1	3.0
25	3.1	3.2	3.2	3.2	3.1	2.5	2.5	2.5	2.7	3.0	3.1	3.1	3.0
26	3.2	3.2	3.2	3.2	3.1	2.5	2.5	2.5	2.7	3.0	3.1	3.1	3.0
27	3.2	3.2	3.2	3.2	3.1	2.5	2.5	2.5	2.7	3.0	3.1	3.1	3.0
28	3.0	3.2	3.2	3.2	3.1	2.5	2.5	2.5	2.7	3.0	3.1	3.1	3.0
29	3.4	3.2	3.2	3.2	3.1	2.5	2.5	2.5	2.7	3.0	3.1	3.1	3.0
30	—	—	—	—	—	—	—	—	—	—	—	—	—
31	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
32	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
33	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
34	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the
East Asia Research Institute, February 1942

RESTRICTED

RESTRICTED

Cha-lan-t'un

Maximum wind velocity

Rainfall

Maximum rainfall per day

Inoculation capacity (in hours)

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最大風速 1919	14.3	9.9	15.7	14.5	14.2	9.8	9.3	9.8	11.9	14.4	11.5	14.4	15.7
降水量 1909	0.3	4.3	1.7	13.9	13.6	47.7	133.4	81.2	118.1	59.9	11.4	0.5	499.9
10	0.4	0.0	0.5	24.1	34.0	71.0	183.3	141.8	37.0	59.4	2.1	0.0	515.2
11	8.4	0.3	12.0	3.7	60.7	103.1	198.2	190.0	131.3	5.3	0.1	3.1	737.1
12	0.4	1.3	7.0	10.0	29.7	69.2	119.8	109.7	22.2	3.5	0.1	1.7	370.0
13	0.0	4.1	0.0	7.5	2.0	61.6	164.7	68.2	72.1	3.3	3.8	2.4	390.3
14	3.3	1.8	1.7	0.0	0.6	16.8	82.7	23.7	45.8	2.4	25.6	3.1	325.1
15	0.1	8.8	10.8	20.6	135.5	16.4	322.0	158.3	82.9	12.3	1.7	1.4	774.3
16	4.1	6.3	9.4	48.2	51.3	92.2	120.7	121.1	17.7	15.2	7.4	5.0	484.5
17	1.5	0.9	2.6	12.7	9.1	85.0	34.3	116.2	14.8	2.0	4.2	4.4	490.3
18	0.9	0.0	7.7	40.4	45.6	74.9	59.5	8.4	79.2	14.8	3.2	3.8	397.8
19	6.2	1.6	4.1	39.9	26.2	55.7	62.1	23.6	35.6	6.1	7.7	2.3	322.9
20	9.5	4.8	1.6	6.1	5.3	78.3	53.2	202.2	34.9	21.1	14.9	0.6	436.5
21	0.4	1.6	3.9	41.1	3.3	71.0	159.9	121.3	21.3	15.6	15.6	4.7	443.1
22	2.8	6.2	9.0	3.1	62.6	46.0	143.9	31.1	49.9	1.0	11.0	0.3	428.3
23	0.0	4.7	0.3	1.4	25.9	102.1	89.3	119.3	105.4	5.2	18.6	0.6	472.8
24	2.7	1.6	7.7	12.3	24.1	61.3	164.4	72.3	12.6	7.6	6.1	0.9	381.6
25	0.0	1.3	5.9	4.0	60.9	28.0	249.5	18.3	71.3	0.0	6.9	5.1	407.6
26	2.2	4.1	2.7	3.1	41.6	54.3	140.0	121.1	122.2	22.6	3.2	1.7	519.6
27	1.3	0.3	0.1	50.2	28.1	41.6	75.8	75.1	12.7	49.5	4.4	2.2	377.9
28	5.8	3.7	7.4	16.8	8.2	40.3	126.6	148.7	104.2	13.2	1.1	1.7	477.7
29	5.5	4.7	5.5	2.4	46.6	112.5	165.6	184.7	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---
31	11.2	1.5	2.2	11.1	12.6	167.3	24.5	135.1	81.2	21.1	4.2	2.0	472.1
32	6.1	0.0	3.5	27.2	74.8	107.4	420.4	147.9	57.8	38.7	2.1	0.1	948.4
33	2.9	0.9	3.7	0.0	31.3	125.5	112.4	126.3	66.0	14.0	3.9	2.9	502.8
40	1.5	2.1	6.5	10.2	---	85.1	213.0	48.3	61.5	2.3	11.5	0.8	---
最大風速 1909	0.2	2.5	0.8	8.7	3.6	15.7	53.9	23.7	45.4	18.9	7.5	0.3	53.9
10	0.4	0.0	0.3	6.6	2.2	21.7	29.9	12.1	28.0	0.9	0.0	0.0	52.1
11	3.5	0.1	4.0	3.6	46.5	71.3	49.0	60.1	56.5	5.2	0.1	1.3	71.3
12	0.3	1.3	5.6	7.3	18.5	22.6	41.5	22.0	11.1	2.0	5.0	1.6	41.5
13	0.0	0.5	0.0	7.4	1.2	48.0	64.7	33.3	19.3	2.6	2.1	1.9	64.7
14	1.9	1.3	1.0	0.0	0.5	23.6	23.2	7.1	47.3	2.6	26.1	2.1	47.3
15	1.6	3.8	2.7	15.1	47.4	4.2	72.3	43.0	18.7	11.1	1.3	0.2	72.3
16	1.4	4.3	7.0	22.8	21.2	12.0	22.2	11.2	15.7	7.2	6.2	2.5	22.8
17	1.0	0.9	2.6	5.2	8.2	7.7	24.5	24.0	22.2	1.2	3.6	2.2	24.0
18	0.9	---	---	5.5	33.4	22.6	29.3	9.9	2.5	22.8	2.4	2.2	33.4
19	3.9	0.0	1.2	4.9	7.3	27.3	12.4	37.5	15.0	6.1	3.2	3.0	27.5
20	2.1	2.3	1.3	3.7	3.3	22.4	20.5	45.3	12.3	13.6	5.8	0.6	45.3
21	0.4	0.8	2.3	19.6	5.0	22.1	56.1	23.9	12.2	2.2	7.3	2.9	22.1
22	2.7	2.9	2.7	3.0	24.0	25.2	40.8	18.3	22.1	0.7	5.2	0.1	40.8
23	0.0	1.9	0.2	1.1	6.7	22.2	23.1	32.2	51.3	4.1	5.2	0.4	23.2
24	0.0	1.6	4.2	4.1	2.0	23.6	22.6	15.7	3.3	4.0	3.7	0.1	23.6
25	0.0	0.8	2.9	4.2	45.2	7.8	42.7	15.4	25.9	0.2	1.7	3.3	42.7
26	1.1	1.6	1.1	2.2	22.0	12.7	23.3	23.0	12.2	12.0	3.2	1.1	22.0
27	0.9	0.3	0.1	40.7	6.5	12.0	12.1	15.2	17.7	35.1	2.3	2.7	40.7
28	3.5	2.4	6.1	7.0	2.4	27.5	19.3	41.1	42.1	2.2	1.1	2.1	42.1
29	4.2	3.5	2.9	1.3	12.2	27.7	29.9	42.2	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---	---
31	2.8	1.5	1.1	4.2	2.1	22.1	7.3	62.2	22.2	12.2	1.3	0.1	22.1
32	1.2	0.0	1.1	12.0	22.2	29.2	11.2	22.2	22.2	12.1	1.3	0.1	22.2
33	1.3	2.2	1.9	6.0	17.2	24.4	27.2	22.2	22.2	11.2	2.2	2.2	22.2
40	---	---	---	---	---	---	---	---	---	---	---	---	---

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

419

Cha-lan-t'un

STAT

Percentage of insolation capacity
Evaporative capacity

Maximum evaporative capacity per day
Mean minimum earth temp.

Minimum earth temp.

Ground level temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

No. of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照率 1939	77	85	65	67	70	48	47	50	55	60	67	72	63
蒸發量 1939	11.7	18.6	74.3	186.0	236.5	165.7	140.3	116.7	118.4	77.5	48.4	30.0	148.8
蒸發地溫 40	14.6	24.4	94.1	259.1	—	188.0	146.0	176.8	138.5	119.9	87.9	15.3	—
蒸發最大日 1939	0.8	3.1	4.3	10.3	10.9	9.6	10.3	8.8	8.5	4.9	3.8	1.5	10.9
平均地溫 1939	-20.4	-20.8	-12.8	-3.4	3.5	12.0	16.8	14.8	5.5	-5.4	-16.3	-21.8	-4.4
最低地溫 40	-25.2	-23.0	-18.9	-6.6	—	9.6	15.4	16.7	4.3	-5.7	-18.9	-28.7	—
最低地溫 1939	-16.0	-23.3	-20.8	-14.3	-5.5	5.0	10.9	7.8	-8.1	-13.8	-23.1	-28.9	-5.0
40	-21.1	-29.0	-24.7	-8.1	—	2.5	11.4	6.0	-7.9	-13.8	-28.0	-28.1	—
地面溫度 1939	-22.6	-14.1	-6.3	8.3	15.5	20.3	24.5	23.9	14.3	3.6	-5.7	-11.7	4.3
40	-18.0	-12.1	-1.9	6.1	—	21.1	23.5	21.3	15.0	5.8	-5.7	-11.0	—
地中溫度 1939	-19.5	-12.4	-4.6	5.3	13.3	17.8	22.7	21.5	13.4	3.4	-3.7	-10.5	3.8
(0.1m) 40	-18.4	-12.7	-3.9	2.0	—	17.7	21.4	18.7	13.4	4.5	-3.3	-9.8	—
地中溫度 1939	-16.4	-11.3	-4.4	3.0	10.7	17.3	22.1	21.4	13.8	4.5	-2.1	-8.7	4.8
(0.3m) 40	-14.6	-11.8	-4.0	0.9	—	16.6	20.8	18.7	13.9	5.4	-1.7	-7.5	—
地中溫度 1939	-14.5	-10.7	-4.3	1.6	9.3	16.4	21.5	21.7	14.1	5.3	-0.9	-7.3	4.3
(0.5m) 40	-12.6	-11.0	-4.0	0.3	—	15.7	20.3	18.5	14.8	5.9	-0.5	-5.9	—
地中溫度 1939	-12.5	-9.8	-4.1	0.8	6.4	14.3	19.8	20.0	14.7	6.8	1.8	-5.3	4.4
(0.5m) 40	-10.3	-9.8	-4.0	-0.3	—	13.6	18.7	18.3	14.7	7.3	1.4	-3.8	—
地中溫度 1939	-5.8	-0.5	-3.3	-0.3	1.0	9.3	15.5	17.1	14.4	8.9	4.0	0.8	4.5
(1.0m) 40	-3.7	-0.6	-2.1	-0.6	—	8.3	14.5	15.8	14.1	9.0	4.3	1.3	—
地中溫度 1939	1.9	-0.1	-0.7	-0.3	0.4	4.5	9.6	11.9	12.8	9.7	7.0	4.8	5.0
(1.0m) 40	2.9	0.8	-0.2	0.1	—	4.1	9.3	11.8	11.5	9.6	7.0	5.1	—
地中溫度 1939	4.1	2.5	1.7	1.7	2.4	4.5	7.5	9.9	10.6	9.4	7.7	6.3	5.7
(3.0m) 40	4.6	3.0	2.1	2.0	—	4.8	7.3	9.7	10.1	9.3	7.8	6.8	—
地中溫度 1939	6.0	4.4	3.5	3.0	2.9	3.8	5.7	8.0	9.1	9.1	8.3	7.3	5.9
(4.0m) 40	6.8	4.8	3.8	3.4	—	3.9	5.7	8.1	9.0	8.9	8.3	7.1	—
地中溫度 1939	6.3	5.2	4.3	3.6	3.3	4.0	5.8	7.7	8.7	8.9	8.8	7.3	6.5
(5.0m) 40	6.3	5.1	4.2	3.7	—	4.0	5.8	7.8	8.4	8.3	8.2	7.4	—
降水日數 1939	1	4	3	6	8	11	14	9	16	7	8	3	86
10	1	1	2	4	9	14	21	12	18	11	4	4	—
15	7	8	6	3	12	18	21	20	11	11	11	11	—
20	2	1	3	3	8	14	13	18	10	6	6	8	—
25	—	3	—	2	8	14	17	12	11	3	2	2	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
45	—	—	—	—	—	—	—	—	—	—	—	—	—
50	—	—	—	—	—	—	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—
65	—	—	—	—	—	—	—	—	—	—	—	—	—
70	—	—	—	—	—	—	—	—	—	—	—	—	—
75	—	—	—	—	—	—	—	—	—	—	—	—	—
80	—	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

293 RESTRICTED

STAT

RESTRICTED

Cha-lan-t'un

Number of rainy days

Number of clear days

Number of cloudy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	3	2	4	10	8	11	11	16	4	1	3	8	75
20	1	6	2	3	3	6	15	10	10	7	1	1	75
21	1	3	3	3	5	13	13	14	10	7	1	1	75
22	2	4	9	2	2	14	11	15	10	3	3	3	75
23	7	7	8	2	9	15	15	13	13	3	7	3	75
24	6	1	4	7	1	7	18	15	5	4	5	3	75
25	6	3	5	3	3	11	20	19	13	3	3	3	75
26	6	5	5	3	4	11	18	18	10	8	3	3	75
27	6	5	5	3	4	11	15	18	10	8	3	3	75
28	6	5	5	3	4	11	15	18	10	8	3	3	75
29	4	4	5	3	3	8	16	18	23	3	1	3	75
30	9	3	3	3	3	8	10	10	10	7	3	3	75
31	9	3	3	3	3	8	10	10	10	7	3	3	75
32	5	2	3	3	3	7	23	15	14	3	3	3	75
33	5	2	3	3	3	7	23	15	14	3	3	3	75
34	3	2	3	5	5	17	22	11	7	1	3	4	75
1929	12	10	9	5	4	7	2	8	8	11	7	15	98
30	12	10	9	5	4	7	2	8	8	11	7	15	98
31	12	10	9	5	4	7	2	8	8	11	7	15	98
32	12	10	9	5	4	7	2	8	8	11	7	15	98
33	12	10	9	5	4	7	2	8	8	11	7	15	98
34	15	14	11	13	6	3	3	3	6	8	8	17	106
35	10	13	7	8	5	2	3	3	9	9	8	8	98
36	10	13	7	8	5	2	3	3	9	9	8	8	98
37	15	12	11	13	5	3	3	5	7	8	11	10	111
38	15	12	11	13	5	3	3	5	7	8	11	10	111
39	15	12	11	13	5	3	3	5	7	8	11	10	111
40	15	12	11	13	5	3	3	5	7	8	11	10	111
1930	11	14	8	8	5	1	3	3	10	6	12	15	120
31	11	14	8	8	5	1	3	3	10	6	12	15	120
32	11	14	8	8	5	1	3	3	10	6	12	15	120
33	11	14	8	8	5	1	3	3	10	6	12	15	120
34	11	14	8	8	5	1	3	3	10	6	12	15	120
35	11	14	8	8	5	1	3	3	10	6	12	15	120
36	11	14	8	8	5	1	3	3	10	6	12	15	120
37	11	14	8	8	5	1	3	3	10	6	12	15	120
38	11	14	8	8	5	1	3	3	10	6	12	15	120
39	11	14	8	8	5	1	3	3	10	6	12	15	120
40	11	14	8	8	5	1	3	3	10	6	12	15	120
1931	14	13	16	11	7	1	2	5	11	7	9	14	135
32	14	13	16	11	7	1	2	5	11	7	9	14	135
33	14	13	16	11	7	1	2	5	11	7	9	14	135
34	14	13	16	11	7	1	2	5	11	7	9	14	135
35	14	13	16	11	7	1	2	5	11	7	9	14	135
36	14	13	16	11	7	1	2	5	11	7	9	14	135
37	14	13	16	11	7	1	2	5	11	7	9	14	135
38	14	13	16	11	7	1	2	5	11	7	9	14	135
39	14	13	16	11	7	1	2	5	11	7	9	14	135
40	14	13	16	11	7	1	2	5	11	7	9	14	135
1932	1	1	6	4	13	5	10	7	4	9	3	3	78
33	1	1	6	4	13	5	10	7	4	9	3	3	78
34	1	1	6	4	13	5	10	7	4	9	3	3	78
35	1	1	6	4	13	5	10	7	4	9	3	3	78
36	1	1	6	4	13	5	10	7	4	9	3	3	78
37	1	1	6	4	13	5	10	7	4	9	3	3	78
38	1	1	6	4	13	5	10	7	4	9	3	3	78
39	1	1	6	4	13	5	10	7	4	9	3	3	78
40	1	1	6	4	13	5	10	7	4	9	3	3	78

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

294 RESTRICTED

STAT

STAT

RESTRICTED

Cha-lan-t'un

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1924	4	3	5	12	15	11	15	14	5	6	3	2	101
25	3	3	11	8	11	10	10	9	7	9	4	4	101
26	3	4	14	9	11	10	10	11	8	7	5	4	101
27	3	4	11	7	10	10	10	10	8	8	5	4	101
28	3	4	11	7	10	10	10	10	8	8	5	4	101
29	3	4	11	7	10	10	10	10	8	8	5	4	101
30	3	4	11	7	10	10	10	10	8	8	5	4	101
31	3	4	11	7	10	10	10	10	8	8	5	4	101
32	3	4	11	7	10	10	10	10	8	8	5	4	101
33	3	4	11	7	10	10	10	10	8	8	5	4	101
34	3	4	11	7	10	10	10	10	8	8	5	4	101
35	3	4	11	7	10	10	10	10	8	8	5	4	101
36	3	4	11	7	10	10	10	10	8	8	5	4	101
37	3	4	11	7	10	10	10	10	8	8	5	4	101
38	3	4	11	7	10	10	10	10	8	8	5	4	101
39	3	4	11	7	10	10	10	10	8	8	5	4	101
40	3	4	11	7	10	10	10	10	8	8	5	4	101
1925	4	3	5	12	15	11	15	14	5	6	3	2	101
1926	4	3	5	12	15	11	15	14	5	6	3	2	101
1927	4	3	5	12	15	11	15	14	5	6	3	2	101
1928	4	3	5	12	15	11	15	14	5	6	3	2	101
1929	4	3	5	12	15	11	15	14	5	6	3	2	101
1930	4	3	5	12	15	11	15	14	5	6	3	2	101
1931	4	3	5	12	15	11	15	14	5	6	3	2	101
1932	4	3	5	12	15	11	15	14	5	6	3	2	101
1933	4	3	5	12	15	11	15	14	5	6	3	2	101
1934	4	3	5	12	15	11	15	14	5	6	3	2	101
1935	4	3	5	12	15	11	15	14	5	6	3	2	101
1936	4	3	5	12	15	11	15	14	5	6	3	2	101
1937	4	3	5	12	15	11	15	14	5	6	3	2	101
1938	4	3	5	12	15	11	15	14	5	6	3	2	101
1939	4	3	5	12	15	11	15	14	5	6	3	2	101
1940	4	3	5	12	15	11	15	14	5	6	3	2	101
1941	4	3	5	12	15	11	15	14	5	6	3	2	101
1942	4	3	5	12	15	11	15	14	5	6	3	2	101

Number of cloudy days

Number of foggy days

No. of days with hail

No. of days with soft hail

STAT

742 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

275 RESTRICTED

STAT

RESTRICTED
Cha-lan-t'un

STAT

No. of days without sunshine

No. of days with electrical storms

No. of stormy days

No. of earthquakes

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照日数 1909	3	3	3	3	3	3	3	3	3	3	3	3	3
日照日数 1909													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
暴风日数 1909	3	6	10	5	8	5	3	4					3
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
地震回数 1939													
最大降雪量 1914													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942 ()

STAT

296 RESTRICTED

STAT

RESTRICTED

Cha-lan-t'un

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	13	16	8	4	—	—	—	—	—	—	—	—	—
20	9	11	4	—	—	—	—	—	—	—	—	—	—
21	9	11	3	—	—	—	—	—	—	—	—	—	—
22	15	16	15	1	—	—	—	—	—	—	—	—	—
23	3	5	4	—	—	—	—	—	—	—	—	—	—
24	7	8	3	1	—	—	—	—	—	—	—	—	—
25	1	0	4	1	—	—	—	—	—	—	—	—	—
26	4	5	1	0	—	—	—	—	—	—	—	—	—
27	4	5	1	0	—	—	—	—	—	—	—	—	—
28	8	9	6	3	—	—	—	—	—	—	—	—	—
29	6	7	6	0	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—
31	18	17	10	—	—	—	—	—	—	—	—	—	—
32	6	2	6	—	—	—	—	—	—	—	—	—	—
33	6	2	6	—	—	—	—	—	—	—	—	—	—
34	—	—	—	—	—	—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—

K'o-shan

Barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Barometric pressure at sea level

Mean atmospheric temp.

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1916	45.5	45.5	45.8	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
最高氣壓 1916	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
最低氣壓 1916	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
海平面氣壓 1916	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
平均氣壓 1916	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
最高氣溫 1916	19.3	16.1	12.9	10.0	17.6	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4
最低氣溫 1916	-12.1	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7	-11.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

297 RESTRICTED

STAT

RESTRICTED

K'o-shan

High limit of atmospheric temperature

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
最高温度	1936	-11.1	-9.0	9.7	16.9	26.1	31.5	39.9	36.8	26.6	11.6	6.0	-5.9	26.1
	37	-9.7	-1.6	6.8	17.3	26.8	33.0	33.8	26.6	17.9	6.8	-7.9	23.0	
	38	-7.5	-3.9	15.5	21.3	31.2	33.7	32.0	21.1	10.7	10.3	-11.0	23.7	
	39	-15.5	-4.0	6.0	24.5	29.6	29.1	32.7	33.7	25.8	13.8	-2.3	23.7	
最低温度	1936	-39.7	-34.7	-30.4	-11.0	-4.6	4.1	9.0	9.5	2.7	-18.4	-31.1	-33.7	-29.7
	37	-37.7	-35.8	-30.3	-9.7	-1.2	4.8	10.8	9.5	-1.6	-24.9	-26.6	-26.6	
	38	-40.8	-39.1	-30.8	-9.7	-1.2	5.8	10.8	9.5	-1.6	-24.9	-26.6	-26.6	
	39	-39.8	-35.0	-22.8	-14.3	-1.8	7.0	12.6	9.4	-1.9	-17.7	-24.9	-26.1	
水汽压力	1936	0.5	0.8	1.6	2.9	5.6	11.2	15.7	13.4	10.1	3.8	1.6	1.0	5.7
	37	0.8	1.1	1.4	3.4	5.2	11.0	14.7	13.3	7.8	4.0	1.7	0.6	5.4
	38	0.5	0.9	2.3	3.6	6.6	11.4	16.5	13.5	8.1	4.3	1.8	0.5	5.8
	39	0.5	1.0	2.3	3.8	5.8	10.7	16.7	13.0	7.7	3.0	1.6	1.1	5.4
平均湿度	1936	76	79	87	93	99	95	87	81	69	71	62	73	
	37	83	87	93	96	98	95	88	81	79	74	66	73	
	38	83	87	93	96	98	95	88	81	79	74	66	73	
	39	94	85	77	57	57	73	81	70	73	57	66	73	
	40	93	89	86	58	—	67	75	74	75	56	74	81	
最小湿度	1936	55	58	80	77	75	33	51	44	41	19	27	64	
	37	65	48	89	76	20	37	45	35	38	19	21	57	
	38	58	61	86	77	27	32	46	37	30	26	42	54	
	39	64	48	89	78	20	28	41	32	27	21	20	50	
平均云量	1936	4.0	5.1	3.8	6.1	7.8	7.9	7.7	6.1	6.6	5.0	5.8	3.3	
	37	1.7	3.5	6.7	5.6	7.9	5.9	7.1	4.9	5.8	3.1	2.8	4.8	
	38	3.1	3.4	2.9	5.9	7.3	7.5	7.1	7.1	6.3	4.4	3.8	2.8	
	39	2.5	2.0	4.9	4.7	5.1	7.3	7.6	5.7	6.3	4.6	3.8	2.7	
平均风速	1936	1.6	1.4	2.2	3.2	3.3	2.8	2.5	2.2	2.4	3.4	2.9	1.4	
	37	1.8	2.1	3.3	4.1	4.5	3.4	3.0	2.6	3.0	3.1	2.8	1.9	
	38	2.0	3.4	2.8	5.4	4.3	3.2	2.8	3.1	2.9	3.2	2.7	1.5	
	39	2.3	2.2	4.0	4.2	3.9	3.8	2.8	2.7	3.3	3.8	3.3	2.8	
最大雨量	1936	12.7	8.3	8.6	13.2	12.7	11.7	10.4	8.1	6.9	13.3	16.1	7.1	
	37	12.8	10.8	15.9	15.3	23.9	12.1	12.8	10.6	12.7	12.1	16.8	9.3	
	38	9.4	13.9	12.1	19.5	13.5	12.1	11.1	11.6	11.8	12.0	12.0	12.1	
	39	17.5	8.5	12.3	15.9	10.1	10.8	9.8	8.2	14.7	14.1	18.0	12.3	
最大雨量	1936	1.0	6.0	1.1	0.9	26.2	76.4	279.3	65.5	123.4	8.9	1.4	2.4	
	37	5.8	2.5	2.7	32.9	62.8	159	126.2	126.1	26.8	2.9	2.2	26.9	
	38	6.4	8.1	6.1	66.9	37.9	127.9	242.9	1.9	17.1	24.1	12.7	1.9	
	39	3.5	0.6	6.4	27.9	37.9	22.7	176.2	3.2	27.7	1.4	2.4	47.9	
	40	3.2	0.1	4.5	12.5	—	66.6	126.2	2.1	74.7	2.2	26.4	4.2	
日照时数	1936	192.2	212.4	226.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	
	37	212.2	212.4	226.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	
	38	212.2	212.4	226.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	
	39	212.2	212.4	226.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

RESTRICTED

298

STAT

RESTRICTED

418

克 K'o-shan 山

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Mean ground level temperature

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照率	70	73	77	80	84	88	91	88	82	73	68	65	81
日照率	77	78	81	85	88	91	91	88	82	73	68	65	81
日照率	70	73	77	80	84	88	91	88	82	73	68	65	81
日照率	67	70	74	78	81	85	88	85	78	68	62	58	76
蒸发量	19.1	23.5	31.1	42.3	54.9	61.7	65.7	63.8	54.8	41.3	31.9	24.5	37.5
蒸发量	19.0	23.5	31.1	42.3	54.9	61.7	65.7	63.8	54.8	41.3	31.9	24.5	37.5
蒸发量	18.3	22.8	30.4	41.6	54.2	61.0	65.0	63.1	54.1	40.6	31.4	24.0	37.0
蒸发量	19.7	27.1	35.3	46.5	59.1	65.9	69.9	68.0	59.0	45.5	36.1	28.7	41.7
蒸发量	22.1	31.5	40.9	52.1	64.7	71.5	75.5	73.6	64.6	51.1	41.7	34.3	47.3
最大日量	2.0	1.4	3.7	8.7	16.7	11.5	8.3	(7.7)	(5.5)	6.3	2.6	1.1	(14.7)
最大日量	(1.6)	1.7	3.3	10.3	11.5	11.7	(9.4)	8.5	7.3	4.3	2.5	0.9	11.7
最大日量	1.1	1.7	3.3	10.9	11.1	11.3	11.3	8.7	7.3	4.7	2.1	1.3	11.3
最大日量	1.3	2.4	3.4	8.4	12.3	8.7	8.1	9.6	7.1	5.4	4.1	1.7	13.3
平均最低地温	-31.8	-27.7	-18.6	-6.6	1.3	0.4	15.1	11.6	6.1	-5.4	-18.0	-28.0	-7.7
平均最低地温	-33.9	-27.7	-23.5	-6.6	1.3	10.4	13.4	11.3	8.8	-7.9	-20.4	-31.8	-9.5
平均最低地温	-26.8	-20.4	-18.9	-4.8	2.9	11.4	15.9	13.8	10.0	-3.0	-17.0	-31.5	-7.4
平均最低地温	-33.1	-27.3	-13.4	-4.3	1.5	11.5	17.5	13.7	5.8	-2.8	-17.9	-25.9	-4.8
平均最低地温	-31.7	-27.6	-17.3	-6.0	—	9.7	15.1	10.5	4.7	-8.4	-18.3	-25.3	—
平均地面温度	-13.4	-18.3	-7.1	5.1	14.4	21.3	23.3	23.4	14.6	3.8	-8.4	-7.3	2.6
平均地面温度	-22.3	-16.0	-10.3	4.9	18.0	21.8	23.5	23.4	13.8	4.4	-7.5	-20.0	2.8
平均地面温度	-30.0	-18.1	-3.3	5.8	18.7	28.0	26.7	21.9	13.4	3.1	-7.5	-19.4	3.1
平均地面温度	-22.4	-17.0	-5.9	-4.3	12.6	19.3	23.9	23.7	13.8	2.0	-3.5	-16.6	3.0
平均地面温度	-19.1	-15.9	-4.0	5.8	—	20.3	24.1	19.9	12.8	1.7	-8.4	-15.3	—
地下0.1m温度	-20.6	-16.8	-8.4	1.0	8.6	16.4	19.8	20.4	14.1	4.0	-4.3	-12.8	1.8
地下0.1m温度	-18.9	-14.2	-6.6	1.0	8.2	17.2	20.1	19.5	13.4	4.3	-4.2	-14.1	2.0
地下0.1m温度	-16.8	-14.8	-5.4	2.5	9.8	17.9	22.8	20.0	13.8	4.7	-4.9	-12.6	2.8
地下0.1m温度	-19.3	-14.9	-1.8	2.3	9.6	16.1	21.9	20.9	12.3	2.7	-5.0	-11.3	—
地下0.1m温度	-14.6	-13.7	-6.1	1.3	—	15.9	20.7	18.1	12.7	3.4	-5.5	-13.8	—
地下0.2m温度	-19.1	-15.9	-8.3	0.1	6.8	14.7	18.3	19.7	14.1	4.9	-2.7	-10.5	1.8
地下0.2m温度	-15.5	-13.4	-0.3	-0.1	6.6	12.8	18.8	18.5	4.9	-2.5	-12.0	2.0	—
地下0.2m温度	-15.1	-12.8	-5.6	1.3	8.1	16.3	20.8	18.5	5.7	-2.9	-12.1	2.9	—
地下0.2m温度	-17.6	-14.0	-5.3	-1.1	8.1	14.6	20.5	20.4	4.9	-3.3	-9.9	—	—
地下0.2m温度	-13.6	-12.8	-5.8	0.4	—	14.1	19.1	17.4	13.0	4.5	-3.7	-11.7	—
地下0.3m温度	-27.2	—	—	—	5.7	13.3	17.6	18.8	14.0	5.4	-1.6	-2.0	—
地下0.3m温度	-14.1	-12.8	-8.8	-0.8	4.8	12.0	17.1	17.5	12.5	5.4	-2.9	-2.8	1.9
地下0.3m温度	-13.7	-13.3	-5.9	0.8	6.3	14.4	19.3	18.3	12.3	6.4	-1.3	-11.2	3.0
地下0.3m温度	-18.3	-13.4	-5.5	-0.2	6.1	12.7	18.0	18.1	12.8	4.8	-1.5	-2.8	—
地下0.3m温度	-12.6	-12.3	-2.0	-0.4	—	12.6	17.8	18.7	13.1	3.3	-2.3	-10.6	—
地下0.5m温度	-14.3	-12.7	-7.9	-1.8	3.0	10.7	16.0	17.9	13.6	5.7	-1.0	-7.8	1.9
地下0.5m温度	-11.8	-11.8	-4.4	-0.9	3.5	10.3	14.7	15.8	12.0	5.9	-0.3	-7.1	1.9
地下0.5m温度	-10.8	-11.1	-5.5	-0.2	4.0	11.9	16.8	18.9	13.3	7.0	0.5	-2.9	3.0
地下0.5m温度	-12.6	-11.3	-5.1	-0.6	3.7	10.0	16.0	17.3	12.6	5.5	-0.5	-7.0	—
地下0.5m温度	-10.8	-10.5	-5.9	-0.8	—	12.3	17.6	18.3	12.9	5.4	-2.8	-10.3	—
地下1.0m温度	-4.4	-3.3	-4.3	-1.8	-0.3	—	12.9	12.8	11.9	7.1	2.0	-2.0	—
地下1.0m温度	-4.7	-3.3	-4.4	-1.8	-0.1	3.3	8.0	10.9	10.1	6.7	2.9	-1.1	1.3
地下1.0m温度	-2.9	-2.5	-4.8	-1.2	0.0	10.0	10.6	11.8	11.7	8.2	2.6	-0.8	2.8
地下1.0m温度	-4.3	-2.9	-4.8	-1.3	-0.1	3.4	8.4	10.0	10.0	7.0	2.8	-1.1	—
地下1.0m温度	-5.3	-4.1	-4.4	-1.4	—	3.3	10.6	11.9	11.3	7.1	1.8	-13.3	—
地下2.0m温度	1.4	-2.3	-1.7	-1.2	-0.2	—	4.1	4.7	4.3	6.1	2.8	2.1	—
地下2.0m温度	0.8	-2.4	-1.4	-1.0	-0.5	-0.3	2.8	1.8	3.1	5.1	2.2	2.4	—
地下2.0m温度	0.8	-2.4	-1.2	-0.7	-0.4	-0.8	1.6	1.0	2.0	3.1	3.3	3.2	—
地下2.0m温度	1.3	-2.2	-1.2	-0.7	-0.2	—	3.1	3.1	3.1	4.1	2.1	2.1	—
地下2.0m温度	1.1	-2.1	-0.8	-0.6	—	-0.1	2.5	3.7	3.1	4.4	2.1	2.1	—

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

299

RESTRICTED

STAT

STAT

RESTRICTED

K'o-shan

419

寬 山

Underground temp.

Underground temp.

Underground temp.

Number of rainy days

Number of clear days

Number of cloudy days

Number of foggy days
No. of days with hail

No. of days with soft hail

No. of days without sunshine

No. of days with electrical storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地中温度 1936 (3.0m)	3.8	1.9	1.1	0.7	0.5	0.5	0.4	0.6	2.2	2.6	2.8	3.1	1.8
37	2.2	1.5	1.0	0.7	0.5	0.5	0.4	0.6	2.2	2.6	2.8	3.1	1.8
38	2.3	1.5	0.9	0.6	0.5	0.4	0.4	0.6	2.2	2.6	2.8	3.1	1.8
39	3.0	1.9	1.2	0.8	0.6	0.5	0.5	0.9	3.1	4.3	4.3	3.6	—
40	2.6	1.8	1.2	0.8	—	0.5	0.5	1.0	3.4	4.4	4.3	3.3	—
地中温度 1936 (4.0m)	3.6	2.8	2.1	1.5	1.2	1.0	0.8	0.7	1.1	2.0	2.5	2.5	1.9
37	2.5	2.0	1.7	1.4	1.1	0.9	0.8	0.8	1.2	2.2	2.9	3.0	1.9
38	2.6	2.0	1.6	1.3	1.0	0.9	0.8	0.9	1.0	3.1	3.7	3.6	—
39	3.2	2.7	2.1	1.6	1.3	1.1	1.0	1.0	1.8	2.8	3.4	3.3	—
40	2.9	2.5	1.9	1.5	—	—	—	—	—	—	—	—	—
地中温度 1936 (5.0m)	3.4	2.9	2.5	2.1	1.8	1.6	1.4	1.3	1.2	1.6	2.1	2.2	2.0
37	2.5	2.3	2.1	1.8	1.6	1.4	1.3	1.2	1.2	1.7	2.2	2.2	1.8
38	2.5	2.3	2.0	1.8	1.5	1.4	1.3	1.2	1.5	2.1	2.7	3.0	1.9
39	3.0	2.8	2.5	2.1	1.9	1.7	1.5	1.4	1.5	2.1	2.6	2.9	—
40	2.9	2.6	2.4	2.0	—	—	—	—	—	—	—	—	—
降水日数 1936	7	8	1	3	10	17	22	18	18	9	6	7	180
37	2	5	3	10	16	16	23	15	13	7	4	5	101
38	6	9	3	10	16	16	23	15	13	7	4	5	101
39	6	3	6	5	10	17	16	9	14	3	4	5	—
40	7	1	5	11	—	—	—	—	—	—	—	—	—
快晴日数 1936	10	7	12	4	—	—	—	—	—	—	—	—	—
37	21	13	7	7	—	—	—	—	—	—	—	—	—
38	14	10	11	4	—	—	—	—	—	—	—	—	—
39	18	17	10	10	—	—	—	—	—	—	—	—	—
40	16	16	13	6	—	—	—	—	—	—	—	—	—
曇天日数 1936	3	9	5	13	16	16	15	10	14	5	7	2	115
37	1	2	1	10	14	8	18	8	11	4	6	3	86
38	3	5	1	11	14	15	17	14	11	4	6	3	102
39	1	2	10	8	6	14	18	10	9	3	3	1	—
40	6	4	5	12	—	—	—	—	—	—	—	—	—
雾日数 1936	6	9	5	8	1	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
霏日数 1936	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
不明日数 1936	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 ()

STAT

RESTRICTED

STAT

RESTRICTED

490

K'o-shan

No. of stormy days

No. of freezing days

No. of days with dust storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
暴風日數 1935	1	1	4	13	12	7	1	2	4	3	1	1	48
37	1	1	4	13	12	7	1	2	4	3	1	1	45
38	1	5	3	13	8	3	1	8	1	3	3	1	39
39	1	1	3	5	6	2	1	1	3	5	1	5	39
40	1	1	10	14	2	1	1	1	4	8	1	1	51
冰日數 1935	31	29	31	34	1	1	1	1	1	24	30	31	301
37	31	28	31	31	2	1	1	1	1	31	30	31	198
38	31	28	31	31	2	1	1	1	1	31	30	31	198
39	31	28	31	14	2	1	1	1	1	27	29	31	198
40	31	29	31	35	1	1	1	1	4	28	30	31	198
風塵日數 1935	1	1	1	2	1	1	1	1	1	1	1	1	1

O-wu-ku-lang

阿穆古朗

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temp.

Mean highest atmospheric temp.

Mean lowest atmospheric temp.

High limit of atmospheric temp.

Low limit of atmospheric temp.

Vapor pressure

Mean humidity

Minimum degree of humidity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1935	710.1	706.9	707.6	701.0	698.0	697.4	697.6	701.7	704.4	705.8	709.3	708.4	703.9
平均	709.5	711.4	705.7	704.3	700.3	696.5	699.8	701.0	703.9	705.8	709.3	708.4	703.9
水銀氣壓 1938	723.0	719.4	714.0	713.1	706.1	706.3	708.5	708.9	712.7	715.0	721.4	718.7	723.0
水銀氣壓 1938	699.0	693.8	695.0	686.3	683.1	689.9	687.6	692.7	692.1	694.0	694.3	699.0	683.1
海平面氣壓 1935	770.8	766.1	768.5	753.5	749.3	747.0	745.8	751.9	752.2	758.4	766.3	767.8	759.9
平均	769.7	770.5	768.5	757.1	751.7	748.0	749.0	751.4	755.5	760.5	768.3	769.9	758.7
平均氣溫 1935	-18.3	-23.2	-7.7	4.6	10.8	19.6	22.1	17.9	10.4	3.5	-13.5	-25.1	-9.7
平均	-20.5	-21.6	-13.2	4.8	11.1	18.7	22.4	21.1	11.1	1.8	-11.8	-17.8	-9.3
最高氣溫 1935	-22.9	-15.2	-0.6	11.0	17.5	26.7	28.4	23.0	15.8	9.6	-2.2	-20.4	1.1
平均	-21.3	-15.0	-6.0	11.3	18.1	23.0	27.8	27.4	17.4	7.8	-5.8	-12.1	1.1
最低氣溫 1935	-34.7	-30.7	-16.3	-6.3	1.5	11.0	14.3	11.8	3.6	-6.3	-20.3	-28.3	-8.3
平均	-31.4	-27.1	-19.9	-8.1	3.4	10.9	17.4	15.1	5.1	-5.1	-17.3	-22.9	-4.3
氣溫高限 1935	-13.6	-3.4	15.0	17.6	22.2	24.8	26.7	22.0	21.2	18.1	7.5	-12.1	26.7
平均	-14.7	-6.9	1.5	20.7	22.6	26.5	27.0	31.0	22.8	22.3	9.7	-2.8	27.0
氣溫低限 1935	-28.2	-28.1	-22.4	-11.5	-7.5	4.1	6.7	2.7	-1.3	-17.3	-28.1	-32.4	-22.8
平均	-28.8	-28.1	-22.8	-19.2	-8.2	3.8	11.8	8.9	-2.1	-19.3	-28.3	-32.4	-22.8
水銀氣壓力 1935	0.4	0.7	0.3	3.1	5.0	9.8	13.9	12.1	7.3	4.8	1.1	0.3	1.0
平均	0.3	0.8	1.3	4.1	5.1	9.1	13.5	12.2	7.3	4.0	1.7	1.1	1.1
平均濕度 1935	81	82	82	82	82	82	82	82	82	82	82	82	82
平均	81	82	82	82	82	82	82	82	82	82	82	82	82

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

301 RESTRICTED

STAT

STAT

RESTRICTED

O-wu-ku-lang

阿 魯 古 勒

Mean cloud density
 Mean wind velocity
 Maximum wind velocity
 Rainfall
 Maximum rainfall per day
 Insolation capacity (in hours)
 Percentage of insolation capacity
 Evaporative capacity
 Maximum evaporative capacity per day
 Mean minimum earth temperature
 Minimum earth temperature
 Mean ground level temperature
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.
 Underground temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
平均雲量 1938	3.3	3.3	3.3	6.0	7.6	7.2	6.4	6.7	6.5	4.1	4.6	4.6	5.1
39	3.3	3.1	4.3	5.5	6.6	8.4	7.3	6.7	6.1	5.6	4.5	3.7	5.4
平均風速 1938	1.6	1.6	2.9	4.5	4.1	3.5	3.0	2.7	2.5	2.4	1.6	2.1	2.7
39	3.1	2.4	3.7	4.2	5.5	5.0	4.3	4.5	4.1	4.1	3.4	2.8	3.9
最大風速 1938	9.0	6.7	13.4	14.5	15.3	15.3	13.1	10.5	12.0	9.9	9.9	11.2	15.3
39	12.6	11.2	12.9	30.8	18.7	16.7	16.7	18.5	19.0	16.4	13.3	14.8	26.8
降水量 1938	4.0	0.5	0.0	24.3	11.8	24.9	20.2	117.0	71.0	21.1	4.7	0.8	220.2
39	0.8	0.1	1.1	27.7	6.4	24.8	27.2	41.0	56.2	7.4	3.7	2.3	200.7
最大日量 1938	1.7	0.4	0.0	11.8	4.5	5.9	25.5	41.1	51.8	11.3	2.3	0.5	51.8
39	0.4	0.1	0.6	18.3	2.9	27.0	29.9	16.5	16.6	2.8	3.0	0.7	29.9
日照時數 1939	197.8	220.3	262.2	273.5	306.9	269.2	231.3	248.6	200.9	202.5	178.1	188.4	2759.7
日照率 1939	72	77	71	67	65	56	48	56	54	61	65	65	63
蒸發量 1933	4.0	11.2	64.1	181.0	250.0	317.7	272.4	172.5	127.5	96.4	25.1	20.5	1257.7
39	13.9	21.8	45.5	134.0	222.0	242.1	238.1	257.7	148.1	92.3	43.8	20.0	1229.3
最大日量 1938	0.4	0.8	6.3	11.0	16.9	20.0	18.4	10.9	7.2	6.0	3.0	0.5	20.0
39	0.7	1.4	2.2	7.3	16.5	13.7	16.2	15.7	7.8	8.0	3.1	1.2	16.5
平均最低地溫 1938	-15.2	-23.0	-16.0	-7.7	1.0	11.5	12.8	4.8	-2.2	-19.7	-20.8	-21.1	-8.1
39	-13.5	-20.6	-21.4	-7.9	1.8	8.8	15.4	13.2	2.7	-1.2	-11.0	-27.7	-7.9
最低地溫 1939	-41.2	-38.7	-28.7	-25.5	-6.9	0.3	9.0	3.6	-7.3	-21.5	-24.7	-37.5	-61.2
平均地面風速 1938	-17.4	-13.3	-6.7	6.4	13.0	21.7	24.2	19.6	11.9	4.8	-11.4	-23.5	0.8
39	-25.0	-18.9	-8.2	6.5	14.1	20.8	26.6	24.9	13.7	4.6	-8.5	-15.6	2.1
地中溫度 1939	-22.4	-17.9	-8.2	5.2	12.2	19.0	24.6	24.0	13.8	4.6	-7.1	-14.9	3.3
(0.1m)													
地中溫度 1939	-21.1	-17.7	-7.8	2.8	12.3	18.1	23.2	23.4	13.7	4.8	-6.3	-14.4	2.7
(0.2m)													
地中溫度 1939	-20.0	-17.2	-8.4	2.0	11.3	17.1	22.6	22.9	14.2	5.7	-4.4	-12.4	2.8
(0.5m)													
地中溫度 1939	-17.4	-16.3	-8.7	1.8	9.9	15.5	20.6	21.5	14.0	6.5	-6.4	-10.5	2.9
(0.5m)													
地中溫度 1939	-11.3	-12.1	-7.6	-0.7	5.0	10.8	15.6	18.2	14.6	8.7	2.2	-4.2	3.2
(1.0m)													
地中溫度 1939	-2.8	-2.8	-2.1	-1.0	0.2	5.1	9.5	12.1	12.7	9.8	5.4	1.7	2.4
(2.0m)													
地中溫度 1939	1.2	1.2	-0.5	-1.7	-0.4	1.4	2.7	9.5	10.8	9.2	7.0	3.2	2.4
(3.0m)													
地中溫度 1939	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
(4.0m)													
地中溫度 1939	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
(5.0m)													

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

302 **RESTRICTED**

RESTRICTED

492

O-wu-ku-lang

阿 魯 古 圖

No. of rainy days
 No. of clear days
 No. of cloudy days
 No. of days with hail
 No. of days with soft hail
 No. of days without sunshine
 No. of days with electrical storms
 No. of stormy days
 No. of earthquakes
 No. of freezing days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
雨水日數 1938	6	3	—	5	6	20	14	18	16	6	5	4	94
39	2	1	3	8	6	21	10	13	11	6	5	6	94
晴天日數 1938	13	9	12	4	1	—	—	—	3	6	7	17	73
39	11	13	8	6	1	—	—	1	5	4	11	23	73
曇天日數 1938	3	3	3	12	15	14	9	9	10	4	9	4	91
39	—	1	4	9	9	20	14	15	11	10	7	6	104
霰日數 1938	—	—	—	—	—	1	—	—	—	—	—	—	1
89	—	—	—	—	—	—	—	1	—	—	—	—	1
霽日數 1938	—	1	—	2	2	—	—	—	—	—	—	—	5
39	—	—	—	—	2	—	—	—	—	—	—	—	5
不照日數 1938	2	—	—	3	3	—	1	2	4	1	7	2	25
39	1	1	2	—	—	—	2	1	3	2	3	5	20
電雷日數 1938	—	—	—	—	1	—	4	4	3	2	—	—	13
39	—	—	—	—	—	—	2	6	5	—	—	—	20
暴風日數 1938	—	—	2	13	4	4	3	2	1	—	—	1	30
39	2	1	4	6	16	9	3	3	7	6	2	4	25
地震回數 1938	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
冰日數 1938	31	28	31	17	5	—	—	—	—	1	20	30	194
39	31	28	31	17	9	—	—	—	—	1	20	30	194

Po-k'o-t'u

博 克 圖

Mean barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1915	700.6	697.3	695.1	695.3	695.6	695.3	695.0	695.0	695.0	695.0	695.0	695.0	695.0
16	700.0	691.0	693.3	693.9	693.8	693.8	693.8	693.8	693.8	693.8	693.8	693.8	693.8
17	700.7	693.0	698.3	697.4	697.4	697.5	697.5	697.5	697.5	697.5	697.5	697.5	697.5
18	700.5	691.5	—	—	—	—	—	—	—	—	—	—	—
19	700.5	697.7	697.7	697.9	697.6	697.7	697.8	697.8	697.8	697.8	697.8	697.8	697.8
20	700.6	696.3	700.2	699.0	697.9	697.9	697.9	697.9	697.9	697.9	697.9	697.9	697.9
21	701.7	700.0	—	—	—	—	—	—	—	—	—	—	—
22	700.8	699.4	698.6	697.3	697.6	697.6	697.6	697.6	697.6	697.6	697.6	697.6	697.6
23	700.9	700.3	697.7	697.3	697.1	697.1	697.1	697.1	697.1	697.1	697.1	697.1	697.1
24	700.7	697.8	700.3	697.1	697.1	697.0	697.0	697.0	697.0	697.0	697.0	697.0	697.0
25	—	—	—	—	—	—	—	—	—	—	—	—	—
26	700.0	700.7	699.4	697.0	697.0	697.0	697.0	697.0	697.0	697.0	697.0	697.0	697.0
27	700.3	701.9	700.4	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3
28	701.0	701.7	701.1	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3
29	700.2	700.1	701.0	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3
30	700.9	701.1	700.9	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3	697.3
31	—	—	—	—	—	—	—	—	—	—	—	—	—
32	700.3	700.3	697.4	697.4	697.4	697.4	697.4	697.4	697.4	697.4	697.4	697.4	697.4
33	700.3	700.3	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0	698.0

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

303 RESTRICTED

STAT

STAT

STAT

RESTRICTED

Po-k'io-t'u
博克

Highest
barometric
pressure of
freezing
point

Lowest
barometric
pressure of
freezing
point

Mean
atmospheric
temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1915	708.8	707.8	708.5	709.1	704.0	700.3	700.8	700.4	705.4	709.0	710.4	708.8	710.4
16	720.4	707.4	706.8	705.3	708.0	698.9	699.9	703.1	708.6	710.8	718.0	711.3	708.4
17	713.7	715.4	714.4	705.3	701.0	694.4	695.3	705.6	708.0	710.8	710.8	709.3	715.0
18	713.7	711.8	708.4	709.4	705.3	708.1	705.3	705.3	708.8	708.0	715.0	715.0	715.0
19	713.0	709.6	708.4	709.4	705.3	708.1	705.3	708.5	708.3	708.7	711.1	711.4	712.1
20	713.3	714.1	713.0	709.4	704.8	701.0	703.0	705.8	709.3	711.4	708.5	715.1	715.1
21	712.3	709.0	708.0	705.8	701.0	703.1	703.5	703.8	705.3	710.4	707.8	711.4	711.4
22	709.8	706.0	706.0	705.3	701.0	700.8	704.4	708.0	705.3	708.4	715.8	708.8	712.8
23	712.7	711.8	708.1	708.1	704.3	703.1	701.9	708.0	708.6	708.6	705.4	709.9	712.7
24	715.0	708.5	713.0	703.0	701.9	703.4	704.7	704.4	705.1	708.4	713.3	708.5	715.0
25	710.7	712.8	708.1	708.0	701.6	703.7	703.8	704.6	705.7	709.8	710.0	708.7	712.8
26	714.4	711.1	709.8	708.4	705.9	698.4	699.8	703.6	704.1	708.3	709.8	715.4	714.3
27	709.0	710.7	709.4	707.8	703.4	701.8	699.3	703.9	708.0	706.6	715.6	715.6	715.6
28	712.8	713.0	709.0	708.9	701.2	701.6	697.8	704.1	708.9	709.1	712.1	713.2	713.2
29	711.0	711.4	713.4	712.1	701.8	698.4	700.7	700.1	700.1	700.1	700.1	700.1	700.1
30	---	---	---	---	---	---	---	---	---	---	---	---	---
31	712.5	709.5	707.1	705.0	701.6	694.4	703.7	704.0	705.1	711.4	710.0	712.8	713.8
32	709.1	714.7	705.8	708.0	706.7	698.7	697.5	707.3	707.5	706.7	709.2	712.7	714.7
1915	91.9	88.5	83.3	85.7	84.8	81.7	87.1	87.2	79.5	82.1	91.2	82.6	79.5
16	94.1	91.0	88.3	87.7	81.1	81.0	87.0	86.1	84.4	84.4	91.0	81.8	78.7
17	87.8	87.0	89.7	89.5	87.8	83.1	88.1	83.8	87.7	82.3	92.4	89.0	83.1
18	93.7	89.1	---	---	---	---	87.0	85.4	89.5	87.7	92.4	89.7	82.4
19	93.7	91.3	83.7	84.6	78.4	87.5	92.0	91.6	91.0	90.1	89.4	91.5	78.4
20	95.3	94.4	94.5	88.0	89.0	87.7	88.0	81.4	84.7	82.4	89.6	88.6	81.4
21	91.1	88.8	---	81.0	---	88.8	91.6	92.0	91.5	84.1	91.1	89.0	81.0
22	95.9	88.8	80.1	84.7	81.7	84.9	86.5	89.9	87.1	86.6	92.3	82.7	82.7
23	88.2	91.0	83.7	83.0	81.6	83.1	84.3	86.1	81.6	81.6	87.7	81.6	81.6
24	93.1	87.8	91.2	85.6	89.6	87.6	88.3	88.5	89.2	87.7	82.4	88.8	83.3
25	93.8	90.8	82.2	82.3	84.5	86.0	86.7	91.4	91.4	92.0	88.4	88.0	82.3
26	91.8	93.1	89.8	81.7	83.7	87.8	87.4	86.7	87.8	91.3	88.0	81.7	81.7
27	91.7	93.3	87.4	84.1	88.5	81.1	88.5	87.7	91.8	86.7	87.7	82.8	84.1
28	92.9	91.1	87.2	86.4	81.1	86.5	89.1	87.4	91.9	87.1	90.1	81.1	81.1
29	91.0	93.0	82.1	81.8	88.0	82.9	88.0	81.1	---	---	---	---	---
30	---	---	---	---	---	---	---	---	94.7	90.7	82.0	---	---
31	82.8	94.4	81.8	89.0	81.9	87.7	86.1	85.3	87.7	91.4	82.8	82.8	81.8
32	84.8	95.8	82.4	81.6	86.3	87.1	89.3	87.7	94.4	93.3	87.7	93.1	81.6
1914	-17.8	-16.0	-11.2	3.2	10.7	15.3	17.0	14.3	9.7	2.2	-15.3	-20.2	-2.2
15	-27.4	-21.6	-13.4	-2.4	7.5	14.9	18.4	15.3	8.5	-1.9	-10.8	-18.0	-2.7
16	-19.8	-15.5	-14.5	-3.3	2.4	13.8	12.8	17.6	7.7	2.1	-2.1	-22.8	-1.6
17	-19.9	-17.3	-10.3	3.5	7.7	13.4	12.6	17.1	8.8	0.8	-18.2	-21.6	-1.6
18	-19.7	-17.0	---	---	---	---	17.5	18.0	8.8	0.2	-15.3	-22.8	---
19	-26.0	-18.6	-11.8	-1.1	7.9	15.5	21.0	17.0	10.5	1.0	-11.3	-19.3	-1.0
20	-20.1	-17.7	-7.0	4.0	14.4	13.8	20.1	15.8	7.3	8.1	-12.8	-21.6	-2.7
21	-18.3	-17.1	---	-1.1	---	---	13.6	17.6	14.3	8.4	-12.8	-20.8	---
22	-29.5	-17.9	-12.1	2.5	7.0	12.1	12.4	14.8	7.7	1.3	-15.8	-18.2	-2.1
23	-23.1	-18.8	-9.0	-1.3	9.9	15.9	18.3	15.9	8.6	-1.3	-12.4	-19.1	-1.7
24	-23.0	-21.1	-12.5	-1.4	9.1	14.2	18.3	16.3	10.0	-2.1	-10.0	-17.3	-1.4
25	-19.6	-19.8	-11.3	2.8	10.9	12.2	19.1	17.1	8.8	3.2	-2.7	-19.3	2.8
26	-21.8	-17.3	-8.4	0.8	11.0	15.5	18.1	16.9	10.0	0.8	-11.1	-22.1	-2.3
27	-21.6	-19.3	-12.3	0.9	11.1	12.1	18.2	14.8	10.0	0.8	-2.8	-22.7	-1.8
28	-21.0	-19.8	-12.7	1.4	7.8	12.1	18.1	17.1	8.3	0.8	-2.8	-22.7	-1.8
29	-23.6	-20.3	-9.0	0.8	10.3	14.0	17.4	15.7	10.0	0.8	-1.8	-22.8	-1.8
30	---	---	-4.2	1.8	7.7	14.2	18.1	18.1	10.0	0.8	-1.8	-22.8	-1.8
31	-23.1	-24.2	-12.1	-1.5	7.7	14.2	18.1	18.1	10.0	0.8	-1.8	-22.8	-1.8

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

RESTRICTED

Po-k'o-t'u
寬

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
最高氣溫	1914	-12.8	-10.7	-1.9	9.1	17.5	20.9	22.7	22.7	18.9	10.1	-2.6	-19.4	11.1
15	-12.7	-10.7	-1.9	9.1	17.5	20.9	22.7	22.7	18.9	10.1	-2.6	-19.4	11.1	
16	-12.7	-10.7	-1.9	9.1	17.5	20.9	22.7	22.7	18.9	10.1	-2.6	-19.4	11.1	
17	-12.7	-10.7	-1.9	9.1	17.5	20.9	22.7	22.7	18.9	10.1	-2.6	-19.4	11.1	
18	-12.7	-10.7	-1.9	9.1	17.5	20.9	22.7	22.7	18.9	10.1	-2.6	-19.4	11.1	
23	-14.1	-3.7	4.4	16.5	19.8	24.4	22.7	16.9	3.8	3.5	-1.5	-1.5	4.0	
24	-17.9	-14.9	-7.7	3.1	14.8	21.0	24.4	22.7	17.5	5.1	-	-	-	
25	-15.4	-14.1	-5.9	9.9	16.5	21.8	24.4	22.7	17.5	5.1	-	-	-	
26	-	-	-	-	18.1	23.4	27.7	24.4	18.1	4.4	-	-	-	
27	-16.7	-15.4	-4.8	6.7	15.8	21.4	24.4	21.8	18.9	4.4	-	-	-	
28	-17.8	-15.1	-5.3	8.0	13.6	22.6	24.1	21.1	15.7	7.1	-7.7	-17.6	5.9	
29	-19.5	-15.8	-3.4	6.8	10.9	19.0	22.5	20.5	15.8	10.8	-9.5	-16.1	-	
30	-	-	-4.4	7.0	15.0	19.4	24.5	21.8	15.8	10.8	-9.5	-16.1	-	
31	-21.4	-18.0	-5.1	3.8	15.8	19.1	25.6	22.5	15.6	7.5	-3.2	-14.5	-	
32	-13.1	-13.8	-5.7	5.5	14.6	20.6	23.1	19.5	18.4	8.9	-	-11.5	-	
最低氣溫	1914	-22.0	-21.1	-16.6	-3.4	2.6	9.3	11.9	9.0	3.3	-4.3	-18.0	-37.7	-6.1
15	-21.9	-21.1	-16.6	-3.4	2.6	9.3	11.9	12.0	11.8	3.3	-4.3	-18.0	-37.7	-6.1
16	-24.3	-23.3	-19.0	-8.0	1.6	6.7	11.1	10.4	1.8	-1.9	-14.8	-27.3	-7.4	
17	-27.2	-22.1	-16.0	-5.4	0.7	8.2	11.1	11.1	2.0	-4.4	-17.0	-24.9	-7.1	
18	-23.8	-22.2	-	-	-	-	10.2	-	-	2.6	-	-17.9	-	
19	-	-22.4	-17.3	-6.6	0.1	8.0	13.7	10.0	2.7	-4.7	-18.0	-31.4	-	
20	-24.7	-22.0	-13.7	-3.3	2.3	6.2	12.0	9.9	1.9	-4.9	-21.1	-31.1	-7.2	
21	-22.5	-22.0	-	-	-	8.0	11.3	10.8	3.0	-5.1	-16.6	-25.8	-	
22	-23.8	-23.5	-17.0	-4.3	1.5	8.8	11.5	8.8	2.3	-1.9	-19.3	-22.2	-7.4	
23	-27.1	-23.5	-15.3	-7.9	1.9	6.3	11.6	9.5	1.2	-4.4	-17.3	-23.2	-7.4	
24	-27.5	-25.1	-17.3	-6.7	2.3	7.4	12.5	9.9	2.9	-4.8	-15.3	-21.6	-7.2	
25	-31.9	-24.1	-16.0	-3.1	3.1	7.9	12.0	9.4	4.0	-3.3	-15.8	-24.0	-6.8	
26	-25.4	-22.4	-14.5	-4.8	3.6	7.2	12.3	10.5	6.0	-1.7	-14.8	-24.9	-4.8	
27	-25.1	-23.1	-16.0	-1.8	1.0	7.4	12.0	7.1	2.2	-4.1	-14.6	-24.4	-7.0	
28	-28.3	-24.1	-15.8	-3.1	0.3	7.2	11.9	12.8	2.9	-4.5	-17.1	-24.7	-4.8	
29	-27.6	-25.1	-14.7	-6.0	2.4	7.2	11.7	11.2	-	-	-	-	-	
30	-	-	-	-	1.4	7.3	11.7	11.2	2.3	-4.5	-16.6	-24.7	-	
31	-29.6	-29.6	-15.7	-7.6	1.5	8.2	11.6	9.7	4.7	-4.5	-14.2	-22.2	-7.4	
32	-22.2	-23.5	-18.0	-5.6	1.7	8.0	14.1	9.6	4.7	-3.9	-15.4	-20.2	-5.7	
最高限度	1914	-4.7	-4.0	9.2	25.6	25.8	29.0	28.7	20.3	22.9	17.2	1.9	-12.2	20.3
15	-15.5	-8.2	0.3	9.3	23.5	25.0	27.5	29.5	22.4	23.9	18.7	11.0	-1.0	20.3
16	-7.4	-5.3	-1.7	11.8	21.6	24.9	29.4	28.0	22.3	17.5	9.0	-4.4	20.4	
17	-10.5	0.3	5.5	18.9	26.5	28.1	31.5	28.0	22.0	19.0	-2.4	-7.5	21.5	
18	-2.4	-4.6	-	-	-	-	28.4	-	24.5	21.5	-1.3	-	-	
23	-6	-0.7	9.7	21.0	26.3	27.3	21.8	22.8	21.7	18.0	-0.2	-1.1	21.8	
24	-11.1	-6.3	2.4	15.3	27.1	29.1	24.4	21.1	20.1	19.1	2.1	-7.1	24.4	
25	-8.4	-7.4	5.6	21.8	28.4	29.8	28.1	22.8	22.1	18.1	-	-	27.1	
26	-	-	-	-	28.9	28.3	27.5	22.1	22.1	22.1	-	-	27.5	
27	-2.8	-5.8	16.5	18.2	22.7	22.5	24.5	22.8	21.7	14.8	4.0	-4.0	27.5	
28	-9.1	-6.3	4.7	17.2	28.0	28.4	22.3	22.3	22.4	17.1	9.9	2.4	27.4	
29	-7.9	-8.2	12.1	17.6	28.3	28.3	22.2	22.2	22.2	22.2	2.1	-2.4	27.4	
30	-	-	-	-	28.3	28.3	21.5	22.6	27.4	22.2	2.1	-2.4	27.4	
31	-11.8	-11.8	8.3	11.6	26.1	26.1	22.6	22.6	22.6	22.6	2.1	-2.4	27.4	
32	-6.0	-3.7	3.8	19.6	24.8	27.2	23.8	23.8	22.4	22.4	2.1	-2.4	27.4	
最低限度	1914	-31.8	-26.4	-22.6	-20.4	-6.3	2.3	7.4	1.4	-4.4	-11.6	-21.1	-31.8	-6.4
15	-26.3	-21.5	-17.2	-12.1	-1.2	1.7	1.8	1.9	-3.6	-7.2	-11.6	-21.1	-31.8	-6.4
16	-27.7	-22.8	-17.6	-12.1	-1.2	1.7	1.8	1.9	-3.6	-7.2	-11.6	-21.1	-31.8	-6.4
17	-23.2	-20.4	-15.8	-10.3	-4.1	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	
18	-26.4	-20.3	-	-	-	-	-	-	-	-	-	-	-	
19	-	-22.4	-16.8	-12.8	-4.9	1.6	6.1	-	-	-	-	-	-	
20	-22.0	-21.2	-16.0	-10.3	-2.0	1.0	2.2	4.1	-	-	-	-	-	

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute. February 1942

305 RESTRICTED

STAT

RESTRICTED

Po-k'o-t'u

博 考 考

Low limit of atmospheric temperature

Mean cloud density

Mean wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1921	-30.0	-29.0	-	-	-	-	2.1	5.7	8.1	-8.2	-18.5	-28.5	-28.5
22	-27.0	-21.0	-20.8	-14.1	-5.5	3.7	4.8	8.1	-6.5	-13.8	-22.4	-28.5	-27.6
23	-21.8	-28.8	-26.7	-18.7	-4.8	0.9	7.9	4.1	-5.5	-12.0	-22.1	-28.8	-23.8
24	-23.3	-28.8	-22.0	-18.4	-5.8	2.1	5.8	2.3	-5.1	-12.1	-22.5	-29.0	-25.5
25	-18.7	-29.5	-26.1	-15.3	-3.1	-2.3	4.0	4.8	-2.0	-10.5	-22.1	-25.6	-22.4
26	-28.4	-25.7	-21.8	-14.5	-1.0	1.1	2.8	2.4	-1.8	-22.5	-21.8	-22.7	-22.7
27	-23.7	-28.1	-26.8	-18.7	-4.9	0.5	8.3	0.4	-3.6	-2.1	-22.3	-21.9	-22.7
28	-21.5	-21.7	-23.3	-15.4	-5.8	-2.4	5.1	2.4	-5.7	-12.7	-24.7	-29.8	-21.7
29	-24.3	-20.6	-24.0	-13.1	-5.3	10.0	5.1	5.8	-	-	-	-	-
30	-	-	-	-	-3.2	3.5	6.9	3.4	-5.9	-18.6	-23.7	-28.0	-
31	-28.3	-26.2	-23.9	-14.4	-3.7	-0.9	8.1	2.2	-0.7	-12.0	-25.0	-21.8	-28.3
32	-20.5	-29.4	-22.4	-15.6	-3.8	1.7	9.8	1.7	-4.4	-9.3	-25.5	-28.6	-20.5
平均数值 1914	4.3	4.1	6.2	6.0	6.9	7.6	6.9	6.1	5.2	4.3	5.1	3.6	5.6
15	4.8	5.7	5.1	5.6	7.0	7.8	7.4	7.4	5.8	5.3	4.8	4.6	5.9
16	4.7	3.8	3.7	4.9	6.9	7.5	6.7	6.8	6.1	4.0	4.7	5.0	5.3
17	4.1	2.9	3.8	5.9	7.3	8.1	6.9	6.8	7.4	5.1	4.2	4.9	5.4
18	2.3	2.9	-	-	-	-	6.9	6.8	6.5	4.8	4.8	3.3	-
19	3.2	3.9	3.7	6.1	6.1	6.0	5.1	5.7	4.1	6.8	5.0	3.9	4.9
20	4.7	4.0	4.4	6.1	6.2	7.0	4.5	7.2	5.6	3.5	4.0	2.8	5.4
21	2.5	1.9	-	4.1	-	7.9	7.1	6.0	6.0	5.5	1.9	-	-
22	4.9	7.6	6.3	6.4	8.7	7.8	6.8	6.6	6.6	6.4	6.1	5.6	6.7
23	4.8	7.4	4.7	5.9	6.9	7.5	7.7	7.6	5.9	6.1	6.8	4.8	6.1
24	4.7	4.7	4.8	6.5	7.0	5.9	7.1	6.5	5.3	5.3	5.3	4.4	5.6
25	4.1	4.8	5.8	6.1	7.7	7.2	7.8	7.9	5.6	3.5	4.0	2.8	5.4
26	4.0	5.8	4.8	5.9	7.7	7.4	6.7	6.3	7.0	3.9	3.9	4.1	4.8
27	2.0	3.5	3.5	6.0	7.6	7.4	6.3	5.9	5.8	5.0	4.4	3.2	5.1
28	5.0	3.1	4.8	4.9	5.3	6.8	7.9	7.8	6.6	4.6	5.0	3.4	5.4
29	2.2	4.2	3.8	5.9	7.2	8.3	7.5	8.1	-	-	-	-	-
30	-	-	3.4	5.7	6.8	7.4	7.8	7.1	6.4	4.5	5.4	2.8	-
31	3.4	2.7	3.3	5.2	6.9	7.3	6.9	6.2	6.8	3.9	3.9	2.1	4.8
32	3.1	1.8	4.1	5.0	6.5	6.8	8.7	7.4	5.9	4.4	3.9	3.5	5.1
平均数值 1914	-	3.4	4.8	5.4	5.0	2.6	3.3	2.3	3.2	3.0	4.4	6.3	-
15	4.4	5.7	4.8	5.2	4.5	2.4	3.0	2.4	3.3	2.7	2.1	3.4	3.7
16	3.7	2.9	3.3	5.6	4.9	5.5	5.5	2.2	-	3.6	4.5	3.9	-
17	5.5	4.3	3.9	4.8	4.0	2.1	2.2	2.1	2.0	4.4	3.4	5.3	3.7
18	5.1	3.5	-	-	-	-	-	2.3	3.1	4.8	5.3	4.7	-
19	3.6	4.7	3.4	5.1	4.8	3.3	1.7	2.2	-	-	-	-	-
20	2.0	2.3	2.7	2.8	3.5	2.9	2.3	2.5	3.0	2.0	2.5	1.9	2.7
21	2.7	3.6	-	-	-	2.2	2.1	2.5	3.0	2.0	2.5	2.0	2.7
22	3.9	3.1	3.1	3.6	3.6	2.8	2.7	2.4	4.1	4.0	3.8	4.7	3.1
23	4.0	3.8	4.5	4.8	4.3	2.4	1.9	2.3	2.5	3.8	3.6	3.9	3.3
24	2.9	3.9	4.0	4.4	3.3	2.3	2.0	2.1	3.4	4.0	3.9	6.3	3.4
25	3.3	3.2	3.2	4.4	3.2	2.3	2.3	2.8	2.3	3.1	2.7	2.3	3.3
26	3.6	4.1	4.5	4.4	4.7	2.0	1.8	2.0	2.1	4.4	3.8	5.0	3.7
27	3.8	3.7	3.5	4.0	3.9	2.4	2.2	2.1	2.4	3.5	3.8	4.1	3.4
28	3.6	4.7	4.9	4.7	5.7	2.5	2.8	1.7	3.4	3.4	3.1	5.1	3.4
29	4.8	4.0	4.1	4.8	2.8	2.0	2.4	2.0	-	-	-	-	-
30	-	-	-	3.6	3.4	2.4	2.4	2.7	1.8	1.7	2.1	2.7	2.2
31	3.2	2.8	4.4	4.1	3.4	2.8	1.8	1.7	2.1	2.7	2.6	2.3	3.2
32	2.5	2.8	3.6	3.7	3.2	2.4	1.4	1.6	1.5	2.7	2.7	2.2	2.8
平均数值 1914	1.8	2.1	2.4	2.6	2.4	2.2	2.2	2.2	2.2	2.1	2.5	2.2	2.2
15	2.3	-	2.2	-	-	-	-	-	-	-	-	-	-
16	2.9	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
17	2.3	2.0	-	-	-	-	-	-	-	-	-	-	-

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

306

RESTRICTED

STAT

STAT

STAT

420

RESTRICTED

Po-k'o-t'u

Rainfall

Maximum rainfall per day

No. of rainy days

No. of clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	8.6	4.4	1.4	11.9	—	62.5	77.1	74.3	85.6	4.5	5.3	2.0	—
20	5.7	8.7	0.0	14.7	31.7	30.9	46.0	124.8	34.3	27.8	5.7	0.0	349.5
21	0.3	0.4	—	7.7	—	39.8	115.0	24.3	11.7	16.1	8.5	2.9	—
22	1.0	3.2	0.7	0.8	—	78.6	149.7	20.7	24.3	11.7	1.8	4.7	350.0
23	0.0	8.7	0.7	—	11.8	105.8	37.5	34.4	39.3	7.0	5.9	0.8	—
24	1.5	1.6	2.4	8.8	35.4	72.0	177.8	107.5	68.3	11.1	3.6	0.0	648.0
25	0.0	0.6	0.8	2.5	18.8	37.5	80.3	80.0	62.7	1.4	4.7	3.7	202.8
26	1.8	2.8	1.6	1.5	28.1	60.7	98.8	108.1	68.3	31.8	5.1	1.8	615.9
27	0.4	0.0	1.7	11.0	44.5	79.7	15.1	49.5	6.8	31.8	5.1	1.8	319.4
28	8.0	2.0	4.7	11.0	4.7	30.9	118.0	132.8	78.6	8.6	4.4	1.7	415.0
29	0.8	4.6	0.8	2.1	30.1	105.7	239.9	218.6	—	—	—	—	—
30	—	—	—	0.0	28.1	78.9	25.3	120.7	15.7	11.1	8.4	4.5	—
31	7.8	2.8	1.5	10.4	26.9	115.1	82.1	164.8	84.4	25.1	5.6	1.3	679.8
32	3.8	0.0	3.5	9.3	33.3	117.4	316.7	184.2	45.3	3.9	6.3	0.8	791.7
1914	0.6	1.6	1.8	0.0	2.8	61.8	15.9	20.4	11.8	1.1	6.4	2.0	61.8
15	1.6	1.5	1.8	5.9	29.9	11.3	28.8	28.4	24.6	5.8	2.3	0.9	24.6
16	1.0	3.7	1.4	12.8	19.1	33.0	37.0	20.8	11.0	1.4	5.3	4.1	37.0
17	0.4	0.1	1.2	2.4	0.7	20.7	27.1	28.0	17.3	2.2	2.1	1.0	28.0
18	1.1	—	—	—	—	—	—	—	—	—	—	—	—
19	1.3	4.3	1.4	6.0	4.7	20.8	35.8	35.1	9.2	3.0	1.3	0.0	35.8
20	2.8	1.3	0.0	0.0	11.8	18.2	14.0	33.4	5.6	7.7	2.5	0.4	23.4
21	0.3	0.4	—	3.3	—	22.8	23.3	8.0	10.4	8.4	2.6	0.0	23.4
22	1.0	1.6	0.4	0.7	21.6	17.9	22.6	18.4	18.2	1.6	2.2	0.0	25.8
23	0.0	1.2	0.4	3.1	0.4	17.8	18.8	11.9	61.7	4.0	1.5	0.2	61.7
24	0.7	1.6	1.8	2.6	0.5	32.2	45.4	43.7	6.1	5.6	1.7	0.0	63.7
25	0.0	0.3	0.5	2.5	18.8	10.9	44.0	21.5	20.8	1.1	3.8	1.4	22.5
26	1.2	0.7	1.4	1.1	11.0	14.4	29.3	67.4	14.0	4.2	2.5	0.4	29.3
27	0.4	0.0	1.2	1.1	33.8	26.3	37.1	27.1	3.2	19.1	3.5	1.8	37.1
28	2.0	0.8	2.4	5.6	1.4	18.7	54.8	25.5	21.0	7.5	—	—	54.8
29	0.8	4.3	0.2	2.1	7.9	27.3	62.2	55.0	—	—	—	—	—
30	—	—	—	—	13.0	24.4	20.5	38.1	5.3	11.1	0.9	2.6	—
31	6.3	1.8	1.5	4.7	5.8	21.8	46.1	24.5	20.8	10.1	3.5	1.0	46.1
32	3.1	0.0	1.7	4.4	10.1	19.5	70.5	25.4	18.0	1.5	3.9	0.8	70.5
1914	3	3	—	—	4	22	14	13	13	1	4	2	81
15	6	5	3	13	13	15	14	13	11	3	4	2	123
16	6	4	3	9	5	18	18	18	16	5	2	7	121
17	3	1	4	6	6	5	18	17	17	10	3	5	81
18	3	—	—	—	—	—	—	—	—	—	—	—	—
19	5	2	1	3	7	7	10	14	10	3	2	—	64
20	6	3	—	5	7	20	12	12	12	4	5	3	85
21	1	1	—	—	—	—	—	—	—	—	—	—	—
22	1	4	3	2	15	13	13	18	4	6	4	4	87
23	—	5	2	2	6	21	16	14	14	5	7	1	94
24	5	1	4	8	14	18	15	22	9	5	4	—	87
25	—	2	2	1	7	12	12	11	11	2	2	4	74
26	3	5	1	3	4	9	10	12	8	2	2	3	87
27	1	—	3	4	5	11	15	10	8	7	3	2	87
28	7	4	3	5	5	11	15	15	3	8	—	—	85
29	1	2	1	1	8	15	19	22	—	—	—	—	—
30	—	—	2	—	—	—	—	—	—	—	—	—	—
31	3	2	1	4	12	12	12	12	8	1	3	4	81
32	2	—	4	4	11	16	25	18	11	4	2	2	88
1914	20	12	4	6	—	1	1	—	2	9	6	10	82
15	8	8	—	—	—	—	—	—	—	—	—	—	—
16	7	14	10	9	—	—	—	—	—	—	—	—	—
17	10	16	15	11	—	—	—	—	—	—	—	—	—
18	17	11	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

307 RESTRICTED

STAT

RESTRICTED

Po-k'io-t'u

博克

STAT

Number of clear days

Number of cloudy days

Number of foggy days

No. of days of hail

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	11	9	12	2	1	4	5	2	7	2	4	7	66
20	10	6	7	3	1	2	2	4	2	2	2	2	47
21	15	17	13	13	1	1	1	3	4	7	6	4	77
22	1	1	3	13	1	1	1	5	2	2	2	2	38
23	6	9	2	2	1	1	1	4	2	2	2	2	38
24	6	2	13	5	1	4	1	3	4	4	2	2	59
25	7	5	5	7	1	3	1	4	4	10	2	2	54
26	9	7	11	7	1	1	3	7	2	5	13	11	75
27	20	14	14	7	1	1	4	5	2	9	11	13	99
28	6	13	13	8	1	1	1	1	2	9	5	13	73
29	21	7	12	4	3	1	2	1	1	1	1	1	48
30	13	14	13	5	4	1	1	4	2	7	7	10	78
31	13	14	12	3	1	1	3	4	2	15	10	13	86
32	15	19	13	8	1	3	3	4	2	15	10	13	90
全年	154	106	115	106	109	109	109	109	109	109	109	109	109
1914	5	6	9	11	10	14	15	4	5	2	5	3	89
15	5	6	6	9	11	10	15	4	5	2	5	3	89
16	3	4	3	7	7	11	15	10	10	4	4	7	91
17	4	3	3	9	12	16	13	10	6	5	7	7	91
18	1	1	1	9	12	16	13	10	6	5	7	7	91
19	2	1	4	9	7	9	5	6	2	10	4	1	57
20	3	3	4	7	12	17	15	12	8	12	8	1	10
21	1	1	1	5	5	10	12	12	9	9	8	3	4
22	1	9	10	5	10	23	15	13	9	11	11	3	115
23	3	13	0	6	10	13	13	10	9	11	11	4	106
24	4	1	3	12	13	7	11	6	5	9	2	2	86
25	4	6	9	8	10	7	13	11	6	9	2	2	109
26	3	7	4	11	11	11	12	12	10	5	3	3	89
27	2	2	4	11	14	13	10	10	11	7	2	1	89
28	4	4	6	6	8	13	17	16	11	10	2	1	100
29	1	1	3	12	17	16	17	16	11	11	1	1	100
30	1	4	10	12	12	15	15	11	4	8	1	1	73
31	3	1	4	10	10	14	11	11	5	3	3	3	89
32	2	2	7	7	7	12	21	16	11	11	3	3	89
全年	114	106	115	106	109	109	109	109	109	109	109	109	109
1914	4	2	1	1	1	2	3	1	1	1	1	1	16
15	4	2	1	1	1	2	3	1	1	1	1	1	16
16	1	1	1	1	1	1	1	1	1	1	1	1	10
17	1	1	1	1	1	1	1	1	1	1	1	1	10
18	1	1	1	1	1	1	1	1	1	1	1	1	10
19	1	1	1	1	1	1	1	1	1	1	1	1	10
20	1	1	1	1	1	1	1	1	1	1	1	1	10
21	1	1	1	1	1	1	1	1	1	1	1	1	10
22	1	1	1	1	1	1	1	1	1	1	1	1	10
23	1	1	1	1	1	1	1	1	1	1	1	1	10
24	1	1	1	1	1	1	1	1	1	1	1	1	10
25	1	1	1	1	1	1	1	1	1	1	1	1	10
26	1	1	1	1	1	1	1	1	1	1	1	1	10
27	1	1	1	1	1	1	1	1	1	1	1	1	10
28	1	1	1	1	1	1	1	1	1	1	1	1	10
29	1	1	1	1	1	1	1	1	1	1	1	1	10
30	1	1	1	1	1	1	1	1	1	1	1	1	10
31	1	1	1	1	1	1	1	1	1	1	1	1	10
32	1	1	1	1	1	1	1	1	1	1	1	1	10
全年	114	106	115	106	109	109	109	109	109	109	109	109	109

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

308

RESTRICTED

RESTRICTED

Po-k'o-t'u

No. of days of hail

No. of days of electrical storms

No. of stormy days

Minimum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1930													10
31													10
32													10
33													10
34													10
35													10
36													10
37													10
38													10
39													10
40													10
41													10
42													10
1914													10
15													10
16													10
17													10
18													10
19													10
20													10
21													10
22													10
23													10
24													10
25													10
26													10
27													10
28													10
29													10
30													10
31													10
32													10
1914													10
15													10
16													10
17													10
18													10
19													10
20													10
21													10
22													10
23													10
24													10
25													10
26													10
27													10
28													10
29													10
30													10
31													10
32													10
1914													10
15													10
16													10
17													10
18													10
19													10
20													10
21													10
22													10
23													10
24													10
25													10
26													10
27													10
28													10
29													10
30													10
31													10
32													10
1914													10
15													10
16													10
17													10
18													10

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

309 RESTRICTED

STAT

STAT

STAT

RESTRICTED

Po-k'o-t'u

博克圖

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1919	3	6	6	6	...	...	...	...	...	7	14	14
20	13	13	...	...	...	...	...	...	...	18	12	14
21	14	15	15	4	0	...	...	...	...	0	7	7
22	6	11	10	4	0	...	...	...	...	3	10	15
23	10	13	11	4	1	...	...	...	...	...	3	13
24	3	3	3	3	4	...	...	...	...	7	4	8
25	3	3	3	3	4	...	...	...	...	7	4	8
26	3	3	3	3	4	...	...	...	...	7	4	8
27	3	3	3	3	4	...	...	...	...	7	4	8
28	3	3	3	3	4	...	...	...	...	7	4	8
29	3	3	3	3	4	...	...	...	...	7	4	8
30	3	3	3	3	4	...	...	...	...	7	4	8
31	3	3	3	3	4	...	...	...	...	7	4	8
32	3	3	3	3	4	...	...	...	...	7	4	8

興安

Mean barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1936	75.5	76.7	77.8	78.4	79.0	79.7	80.1	80.5	80.8	81.0	81.2	81.5	79.7
平均	76.1	75.9	76.5	78.1	79.6	80.0	80.3	80.5	80.7	80.9	81.1	81.3	79.8
(+ 600mm)	76.8	76.0	75.8	76.5	78.0	79.5	80.0	80.3	80.5	80.7	80.9	81.1	79.8
37	76.0	76.1	76.3	75.1	78.0	79.6	80.3	80.5	80.7	80.9	81.1	81.3	79.8
38	76.0	76.1	76.3	75.1	78.0	79.6	80.3	80.5	80.7	80.9	81.1	81.3	79.8
39	76.0	76.1	76.3	75.1	78.0	79.6	80.3	80.5	80.7	80.9	81.1	81.3	79.8
水銀氣壓 1936	82.6	81.8	81.2	80.3	78.4	75.8	74.9	74.5	74.5	74.5	74.5	74.5	80.5
平均	81.7	81.4	81.1	80.1	78.1	75.6	74.7	74.5	74.5	74.5	74.5	74.5	80.5
(+ 600mm)	81.7	81.4	81.1	80.1	78.1	75.6	74.7	74.5	74.5	74.5	74.5	74.5	80.5
37	81.7	81.4	81.1	80.1	78.1	75.6	74.7	74.5	74.5	74.5	74.5	74.5	80.5
38	81.7	81.4	81.1	80.1	78.1	75.6	74.7	74.5	74.5	74.5	74.5	74.5	80.5
39	81.7	81.4	81.1	80.1	78.1	75.6	74.7	74.5	74.5	74.5	74.5	74.5	80.5
水銀氣壓 1936	63.9	71.8	67.9	64.2	60.6	59.0	60.3	64.4	68.0	65.4	67.1	63.2	64.6
平均	67.3	69.0	65.0	61.6	57.7	57.5	62.8	68.0	65.9	67.1	64.3	64.6	64.6
(+ 600mm)	67.3	69.0	65.0	61.6	57.7	57.5	62.8	68.0	65.9	67.1	64.3	64.6	64.6
37	67.3	69.0	65.0	61.6	57.7	57.5	62.8	68.0	65.9	67.1	64.3	64.6	64.6
38	67.3	69.0	65.0	61.6	57.7	57.5	62.8	68.0	65.9	67.1	64.3	64.6	64.6
39	67.3	69.0	65.0	61.6	57.7	57.5	62.8	68.0	65.9	67.1	64.3	64.6	64.6
海平面氣壓 1936	74.8	73.9	71.4	69.3	66.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
平均	73.3	71.1	68.8	66.3	63.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
(+ 700mm)	73.9	69.8	66.3	63.0	60.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
37	74.1	74.7	66.4	63.8	60.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
38	74.1	74.7	66.4	63.8	60.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
39	74.1	74.7	66.4	63.8	60.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
平均氣溫 1936	-30.6	-25.3	-15.8	-10.0	6.6	13.0	16.0	16.7	8.9	-1.7	-12.1	-20.5	-6.3
37	-31.3	-26.4	-16.8	-10.7	6.4	13.4	16.7	16.7	7.1	0.1	-13.3	-20.5	-6.3
38	-31.7	-26.1	-16.8	-10.4	7.4	13.4	16.7	16.7	7.4	0.8	-13.3	-20.5	-6.3
39	-31.9	-26.3	-16.9	-10.3	7.5	13.9	16.3	16.6	8.2	-2.1	-13.9	-20.4	-6.4
40	-32.1	-26.5	-17.0	-10.4	7.4	13.3	16.4	16.4	8.4	-2.8	-14.0	-20.9	-6.4
最高氣溫 1936	-27.0	-17.0	-10.8	0.6	10.0	15.5	19.7	16.4	4.2	-11.8	-19.6	0.4	10.4
平均	-21.9	-11.1	-1.9	8.5	11.8	15.9	19.9	16.4	6.0	-9.3	-18.3	1.0	10.4
37	-22.8	-12.8	-3.5	8.5	11.8	15.8	19.8	16.4	6.0	-9.3	-18.3	1.0	10.4
38	-22.8	-12.8	-3.5	8.5	11.8	15.8	19.8	16.4	6.0	-9.3	-18.3	1.0	10.4
39	-22.8	-12.8	-3.5	8.5	11.8	15.8	19.8	16.4	6.0	-9.3	-18.3	1.0	10.4
40	-22.8	-12.8	-3.5	8.5	11.8	15.8	19.8	16.4	6.0	-9.3	-18.3	1.0	10.4
最低氣溫 1936	-39.0	-34.4	-24.8	-16.8	-8.8	1.1	7.6	11.9	6.8	-7.7	-18.8	-26.6	-10.6
平均	-34.5	-24.7	-15.4	-7.7	1.9	8.9	13.0	16.4	8.2	-1.3	-17.1	-26.6	-10.6
37	-34.5	-24.7	-15.4	-7.7	1.9	8.9	13.0	16.4	8.2	-1.3	-17.1	-26.6	-10.6
38	-34.5	-24.7	-15.4	-7.7	1.9	8.9	13.0	16.4	8.2	-1.3	-17.1	-26.6	-10.6
39	-34.5	-24.7	-15.4	-7.7	1.9	8.9	13.0	16.4	8.2	-1.3	-17.1	-26.6	-10.6
40	-34.5	-24.7	-15.4	-7.7	1.9	8.9	13.0	16.4	8.2	-1.3	-17.1	-26.6	-10.6
最高限度 1936	-11.5	-6.4	3.6	8.7	16.8	20.6	24.6	27.6	21.3	10.4	0.1	10.4	20.4
37	-10.0	-4.4	11.0	16.9	20.6	24.6	27.6	27.6	21.3	10.4	0.1	10.4	20.4
38	-10.0	-4.4	11.0	16.9	20.6	24.6	27.6	27.6	21.3	10.4	0.1	10.4	20.4
39	-10.0	-4.4	11.0	16.9	20.6	24.6	27.6	27.6	21.3	10.4	0.1	10.4	20.4
40	-10.0	-4.4	11.0	16.9	20.6	24.6	27.6	27.6	21.3	10.4	0.1	10.4	20.4

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

RESTRICTED

480

Heing-an

STAT

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum degree of humidity

Mean cloud density

Mean wind velocity

Maximum wind velocity

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
极端最低	1936 -48.7	-34.8	-21.5	-12.0	-4.1	1.3	4.3	3.0	8.1	-16.3	-27.6	-28.6	-42.7
	37 -33.8	-28.8	-19.3	-14.9	-5.7	1.4	9.0	2.4	-4.8	-14.1	-24.9	-25.5	-38.5
	38 -35.8	-31.1	-25.8	-16.6	-4.0	1.3	4.3	3.3	-2.8	-17.9	-28.8	-27.4	-37.6
	39 -37.0	-33.9	-25.9	-16.0	-7.9	0.7	6.5	5.1	-5.4	-15.8	-24.8	-24.1	-37.0
水汽压力	1936 0.3	0.5	1.2	2.7	4.3	7.4	11.3	9.9	6.6	4.8	1.3	0.9	4.1
	37 0.6	0.9	1.0	2.5	4.0	7.8	10.8	10.1	5.8	2.7	1.4	0.8	4.0
	38 0.6	0.8	1.8	2.8	4.5	8.7	12.3	10.2	6.1	3.2	1.5	0.8	4.4
	39 0.5	0.8	1.5	3.2	4.5	8.3	12.9	11.4	6.0	3.0	1.5	1.1	4.8
平均湿度	1936 87	84	77	69	62	68	84	80	78	68	56	53	78
	37 96	87	86	67	58	61	77	79	77	59	46	41	76
	38 92	85	73	53	39	49	63	63	79	45	37	31	78
	39 87	84	82	81	57	78	54	81	74	74	84	87	78
	40 99	97	84	73	—	68	83	78	73	60	50	—	—
最小湿度	1936 72	48	45	24	26	29	46	48	32	22	24	26	22
	37 41	26	47	13	23	25	35	34	31	21	27	20	23
	38 37	51	17	22	21	25	45	41	41	28	44	51	17
	39 60	41	44	21	19	32	44	42	31	22	22	25	19
平均密度	1936 4.1	4.2	3.8	5.5	6.6	6.3	7.3	6.1	7.3	4.9	5.5	4.4	5.6
	37 3.9	4.4	4.3	6.1	6.8	6.1	7.8	6.3	7.8	4.9	5.5	4.4	5.6
	38 3.2	3.6	3.9	5.2	6.9	7.1	6.7	7.3	6.7	4.3	5.7	3.4	5.2
	39 3.5	2.9	5.3	4.5	5.5	7.9	7.1	7.0	6.5	5.8	4.2	4.3	5.3
平均风速	1936 2.2	1.9	2.2	3.7	3.2	2.9	2.3	2.3	2.2	3.7	2.8	2.7	2.7
	37 2.0	2.3	1.8	3.8	2.8	2.4	2.6	3.0	3.0	3.4	2.4	2.7	2.7
	38 1.7	1.8	2.6	3.2	3.5	2.5	2.3	2.3	2.1	2.4	2.3	1.7	2.4
	39 1.3	1.9	2.9	2.9	2.9	2.4	2.3	2.5	2.0	3.2	2.9	2.5	2.5
最大风速	1936 8.9	7.2	8.8	13.9	15.1	9.2	9.7	8.4	9.9	11.8	10.8	11.3	10.1
	37 9.9	10.5	8.9	18.0	10.8	8.3	10.4	9.0	11.5	12.3	13.3	8.9	18.0
	38 7.1	8.0	11.3	13.3	14.3	9.8	8.3	7.7	9.0	13.7	13.3	9.4	14.3
	39 9.1	12.7	11.3	10.1	11.1	12.8	9.9	9.8	11.1	12.8	12.3	13.7	13.7
降水量	1936 2.8	7.1	1.5	22.4	55.1	101.5	210.7	207.3	41.5	16.2	16.1	5.1	271.3
	37 7.6	6.5	6.5	39.2	24.9	40.4	129.9	128.3	81.1	6.6	11.0	4.5	299.1
	38 5.1	8.0	1.7	53.9	35.1	59.4	128.8	120.3	66.8	40.9	40.8	6.3	242.8
	39 5.8	6.6	25.1	6.4	22.8	137.7	156.0	114.7	117.0	45.7	14.4	10.3	246.8
	40 14.3	6.3	25.8	39.9	—	105.1	232.1	69.6	127.1	12.1	16.5	8.5	—
日最大量	1936 1.0	1.7	0.7	3.4	14.6	22.2	41.5	22.7	16.5	4.9	4.6	2.2	41.5
	37 4.2	2.1	1.2	9.9	6.8	9.2	23.0	22.3	22.4	3.8	2.6	2.2	26.3
	38 1.9	2.3	0.8	27.9	26.0	22.5	105.7	27.7	13.4	21.2	2.6	2.8	102.7
	39 1.9	1.0	6.5	2.2	7.0	24.4	34.6	22.1	22.3	12.1	4.2	3.5	42.1
日照时数	1936 145.8	295.0	233.0	205.1	212.8	222.9	205.6	242.7	274.7	274.0	209.9	190.7	2321.4
	37 150.9	299.0	292.7	242.9	232.0	222.2	232.2	272.6	274.6	211.6	179.9	169.7	2092.6
	38 164.1	197.4	222.1	222.1	210.0	234.1	211.1	179.7	212.2	209.1	197.4	152.2	2371.2
	39 179.2	216.8	222.0	222.2	222.5	222.7	222.7	222.5	192.2	172.1	162.2	142.7	2112.7
	40 159.1	216.0	271.8	232.7	—	247.1	222.9	271.3	229.5	222.7	222.7	179.6	—
日照率	1936 37	66	60	50	46	51	43	51	47	52	40	34	52
	37 39	72	61	51	34	44	46	53	47	52	43	31	52
	38 41	52	26	31	25	29	21	21	21	24	29	17	24
	39 66	72	61	69	57	43	48	52	46	52	21	34	52
蒸发量	1936 8.2	7.1	20.7	22.2	12.2	22.1	12.2	12.2	22.1	22.1	22.1	22.1	22.1
	37 8.2	7.1	20.7	22.2	12.2	22.1	12.2	12.2	22.1	22.1	22.1	22.1	22.1
	38 8.2	7.1	20.7	22.2	12.2	22.1	12.2	12.2	22.1	22.1	22.1	22.1	22.1
	39 8.2	7.1	20.7	22.2	12.2	22.1	12.2	12.2	22.1	22.1	22.1	22.1	22.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

311 RESTRICTED

STAT

RESTRICTED

興 Hsing-an 安

Maximum evaporative capacity per day

Mean minimum earth temperature

Minimum earth temperature

Mean ground level temperature

Underground temperature

"

"

"

"

"

"

"

"

"

"

"

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最大日量	1925	0.7	3.3	(5.3)	8.5	9.0	(7.3)	6.6	4.8	4.2	1.1	0.5	5.8
	37	(0.4)	(1.8)	(3.3)	5.0	7.8	10.5	7.8	6.5	(5.8)	(3.4)	2.4	0.5
	38	0.5	0.9	4.1	4.8	4.0	3.3	8.8	(4.5)	(3.5)	3.8	1.8	1.0
	39	0.7	1.4	2.1	5.5	8.4	8.0	7.5	7.7	4.7	4.5	1.9	1.0
平均	1935	-35.9	-31.5	-23.6	-8.3	-1.7	3.8	9.5	6.5	1.8	-3.8	-19.9	-36.7
最低地温	37	-31.9	-29.1	-29.3	-12.1	-3.1	6.0	10.1	7.8	-0.5	-2.1	-20.7	-38.8
	38	-33.1	-28.6	-18.1	-8.4	-1.7	6.8	11.3	9.4	1.5	-1.3	-18.0	-39.7
	39	-33.9	-26.5	-18.3	-5.7	-0.8	7.1	12.7	11.3	1.8	-2.0	-19.3	-32.6
	40	-30.7	-27.9	-18.8	-8.1	—	4.6	10.4	6.0	0.5	-3.8	-19.8	-35.8
平均	1939	-38.0	-35.5	-26.6	-19.5	-8.9	-1.0	5.7	4.8	-6.9	-16.5	-28.3	-30.4
最低地温	40	-36.0	-35.0	-27.6	-14.5	—	-3.1	5.7	1.0	-8.3	-17.0	-29.0	-32.3
平均	1936	-22.7	-20.8	-12.8	0.4	6.7	13.1	16.6	15.5	9.9	0.0	-2.6	-14.9
地面温度	37	-20.5	-17.4	-12.8	0.4	6.7	13.1	16.6	15.5	9.9	0.0	-2.6	-14.9
	38	-21.9	-18.4	-8.1	0.4	5.3	13.9	17.3	15.9	8.1	1.1	-2.0	-18.9
	39	-18.5	-16.5	-8.9	1.4	7.0	13.5	18.7	17.3	8.6	-0.1	-3.3	-13.1
	40	-19.1	-16.4	-9.7	-0.8	—	13.0	17.3	14.1	8.7	0.8	-3.9	-16.9
地中温度 (0.1m)	1935	-19.3	-18.4	-12.8	-0.7	4.9	11.0	15.0	15.0	9.6	1.0	-8.0	-13.0
	37	-18.1	-16.6	-14.4	-2.3	3.3	11.9	15.1	13.9	7.8	0.7	-6.0	-15.9
	38	-19.4	-16.8	-8.0	-0.3	4.0	12.5	17.1	14.4	8.9	1.8	-6.4	-15.9
	39	-17.5	-15.5	-8.1	1.3	7.0	13.4	18.8	18.1	9.8	1.3	-7.8	-12.1
	40	-16.5	-15.0	-8.8	-0.4	—	12.7	17.3	14.6	9.7	1.2	-7.2	-14.5
地中温度 (0.2m)	1935	-17.9	-17.8	-12.8	-1.0	3.9	10.7	14.5	14.5	9.9	2.1	-6.1	-11.3
	37	-15.8	-15.4	-13.3	-4.0	2.2	10.6	14.8	14.5	7.8	1.3	-4.5	-13.8
	38	-17.1	-15.9	-8.0	-0.6	3.1	11.5	16.0	16.6	9.3	3.3	-1.4	-13.6
	39	-16.4	-14.7	-8.5	0.4	6.0	12.9	18.4	18.4	10.6	1.9	-6.0	-10.9
	40	-14.8	-13.9	-8.8	-0.8	—	11.0	16.4	14.5	10.0	1.8	-6.0	-13.8
地中温度 (0.3m)	1935	-15.5	-15.8	-11.7	-1.3	2.8	9.3	13.3	13.9	9.9	2.9	-4.8	-9.3
	37	-13.4	-13.9	-12.3	-2.2	1.3	8.9	13.5	13.3	8.0	1.3	-3.0	-11.3
	38	-14.8	-14.3	-7.9	-0.7	2.3	10.1	15.7	16.8	9.6	2.8	-3.7	-10.8
	39	-14.3	-12.5	-7.0	0.2	5.2	11.0	17.3	18.1	11.1	2.8	-4.8	-9.0
	40	-12.3	-12.3	-7.6	-0.8	—	10.2	15.4	14.4	10.5	2.7	-3.4	-10.7
地中温度 (0.5m)	1935	-16.5	-16.5	-11.3	-1.0	2.8	9.3	13.4	14.3	10.4	—	-3.6	-10.1
	37	-14.5	-14.8	-12.3	-1.0	1.7	9.6	14.3	13.7	8.3	2.0	-2.6	-11.2
	38	-15.1	-15.9	-7.5	-0.4	3.0	10.6	15.1	15.1	9.8	3.7	-2.0	-11.2
	39	-12.3	-11.7	-8.1	-0.9	3.8	9.1	15.5	16.7	11.2	3.7	-2.3	-8.8
	40	-11.4	-11.3	-7.9	-1.1	—	7.8	13.7	13.0	10.2	3.4	-1.8	-7.5
地中温度 (1.0m)	1935	-7.3	-6.6	-7.8	-1.8	-0.3	3.1	2.0	12.8	9.2	1.1	-2.1	0.3
	37	-6.7	-8.8	-8.1	-2.3	-0.3	2.6	8.6	10.2	8.2	2.6	0.7	-2.3
	38	-7.4	-10.5	-6.4	-1.1	0.6	-0.3	9.8	12.1	10.0	2.1	0.6	-2.7
	39	-7.4	-7.3	-6.6	-1.6	-0.8	3.1	9.3	13.8	11.9	4.1	1.4	-2.1
	40	-5.7	-7.8	-4.1	-1.8	—	2.0	8.1	10.3	10.2	3.0	1.4	1.6
地中温度 (2.0m)	1935	0.3	-1.1	-2.4	-0.9	-0.5	-0.2	0.0	4.4	1.8	0.9	0.3	1.0
	37	0.4	-0.8	-2.2	-2.8	-2.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
	38	-0.1	-0.8	-0.7	-1.1	-0.6	0.2	0.2	7.2	2.3	2.2	2.2	1.6
	39	0.7	0.4	-1.1	-0.2	-0.2	0.4	1.4	0.0	0.0	0.0	0.0	0.0
	40	0.8	-0.2	-1.9	-1.1	-1.1	-0.1	0.2	0.0	0.0	0.0	0.0	0.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

RESTRICTED

RESTRICTED

Hsing-an

Underground temp.

Underground temp.

Underground temp.

No. of rainy days

No. of days with yellow dust storms
No. of clear days

No. of cloudy days

No. of foggy days

No. of days with hail

No. of days with soft hail

No. of days without sunshine

No. of days with electrical storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地下温度 (3.0m) 1936	1.8	0.1	0.8	0.0	-0.1	0.0	0.1	1.0	2.0	4.5	8.5	11.0	10.0
37	1.7	0.0	0.3	0.1	0.0	0.0	0.0	0.8	1.8	4.0	7.5	10.0	10.0
38	1.1	0.5	0.2	-0.2	-0.2	-0.1	0.2	1.2	2.4	5.1	9.0	11.0	10.0
39	1.8	1.1	0.6	0.3	0.3	0.8	0.8	1.5	2.8	5.8	9.5	11.0	10.0
40	2.3	1.3	0.6	0.2	—	—	0.2	0.9	1.7	4.9	8.5	11.0	10.0
地下温度 (4.0m) 1936	1.7	1.2	0.9	0.6	0.4	0.4	0.5	1.0	2.0	4.5	8.5	11.0	10.0
37	2.4	1.7	1.1	0.8	0.6	0.6	0.6	1.2	2.2	5.0	9.0	11.0	10.0
38	1.7	1.8	0.8	0.5	0.4	0.1	0.6	1.0	2.0	4.5	8.5	11.0	10.0
39	2.4	1.9	1.4	1.1	0.9	0.8	1.1	2.0	3.8	7.0	11.0	11.0	10.0
40	3.2	2.4	1.8	—	—	—	0.8	1.3	2.3	5.3	9.0	11.0	10.0
地下温度 (5.0m) 1936	1.9	1.5	1.8	0.9	0.7	0.6	0.7	1.0	2.0	4.5	8.5	11.0	10.0
37	2.5	2.0	1.5	1.2	0.9	0.7	0.6	0.7	1.0	2.0	4.5	8.5	10.0
38	1.9	1.6	1.2	0.8	0.7	0.6	0.8	1.0	2.0	4.5	8.5	11.0	10.0
39	2.5	2.3	1.8	1.4	1.2	1.1	1.0	1.5	2.5	5.5	9.5	11.0	10.0
40	3.2	3.0	2.3	1.8	—	—	1.3	2.3	4.3	8.0	11.0	11.0	10.0
降水日数 1936	5	5	8	14	18	17	24	13	15	20	14	18	160
37	10	13	11	16	15	11	19	17	22	22	11	8	158
38	9	10	5	14	14	13	20	22	20	15	7	10	150
39	9	7	17	17	11	25	19	13	14	11	7	14	155
40	14	16	23	18	—	—	14	24	13	14	—	—	160
黄沙日数 1936	—	—	—	—	2	—	—	—	—	—	—	—	2
快晴日数 1936	11	10	9	5	—	3	—	1	—	7	4	—	56
37	13	11	11	2	1	1	7	3	—	5	8	—	77
38	14	8	20	3	—	2	4	—	—	5	7	—	60
39	12	14	8	10	4	1	1	—	—	10	10	—	79
40	14	13	16	4	—	1	6	—	—	5	4	—	79
曇天日数 1936	6	4	2	13	15	11	18	9	14	9	—	—	106
37	7	6	6	11	14	11	17	15	14	—	—	—	118
38	4	3	—	8	10	24	16	11	14	—	—	—	101
39	4	3	10	7	10	17	15	14	14	11	—	—	116
40	12	5	7	14	—	16	18	11	9	10	—	—	118
雾日数 1936	—	—	3	3	4	2	10	7	6	—	—	—	56
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
霏日数 1936	—	—	—	9	7	2	—	—	—	—	—	—	28
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
不照日数 1936	3	3	—	2	—	—	1	—	—	—	—	—	10
37	—	—	—	4	3	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
雷电日数 1936	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942 ()

313 RESTRICTED

STAT

STAT

RESTRICTED

興 寧 縣 Hsing-an 縣

No. of stormy days

No. of earthquakes

No. of freezing days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
暴風日數 1934	---	---	---	6	6	---	---	---	---	1	9	1	26
37	---	---	2	6	5	---	---	---	---	1	3	---	24
38	---	---	1	1	1	---	---	---	---	1	3	4	13
39	---	---	5	1	---	---	---	---	---	9	7	5	39
40	---	---	---	---	---	---	---	---	---	---	---	---	---
地震次數 1934	---	---	---	---	---	---	---	---	---	---	---	---	1
冰日數 1934	31	29	31	28	21	---	---	---	4	30	30	31	283
37	31	28	31	29	23	---	---	---	9	27	30	31	259
38	31	28	31	29	16	---	---	---	9	26	30	31	232
39	31	28	31	28	16	---	---	---	9	26	30	31	232
40	31	29	31	30	---	---	---	---	11	29	29	31	---

Mien-tu-ho

免 渡 河

Barometric pressure of freezing point

Highest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1930	702.8	699.1	697.7	694.4	691.0	687.0	683.0	680.0	676.0	671.0	667.0	663.0	660.0
10	702.3	700.8	699.0	695.8	691.7	687.0	683.0	680.0	676.0	671.0	667.0	663.0	660.0
11	702.0	700.1	698.0	694.8	691.0	687.0	683.0	680.0	676.0	671.0	667.0	663.0	660.0
12	701.1	700.6	699.0	695.0	691.0	687.0	683.0	680.0	676.0	671.0	667.0	663.0	660.0
13	704.0	702.1	700.3	697.0	693.0	689.0	685.0	681.0	677.0	673.0	669.0	665.0	661.0
14	700.3	700.7	697.7	694.0	690.0	686.0	682.0	678.0	674.0	670.0	666.0	662.0	658.0
15	701.8	698.4	695.4	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0	656.0
16	700.9	700.9	700.7	697.0	693.0	689.0	685.0	681.0	677.0	673.0	669.0	665.0	661.0
17	704.0	704.1	700.7	697.0	693.0	689.0	685.0	681.0	677.0	673.0	669.0	665.0	661.0
18	704.7	702.9	701.9	698.0	694.0	690.0	686.0	682.0	678.0	674.0	670.0	666.0	662.0
19	704.1	698.6	695.7	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0	656.0
20	701.9	701.7	701.1	697.0	693.0	689.0	685.0	681.0	677.0	673.0	669.0	665.0	661.0
21	704.4	700.9	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
22	700.9	699.4	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0	656.0
23	702.3	702.4	698.0	694.0	690.0	686.0	682.0	678.0	674.0	670.0	666.0	662.0	658.0
24	701.0	699.0	697.1	693.0	689.0	685.0	681.0	677.0	673.0	669.0	665.0	661.0	657.0
25	704.5	702.0	699.7	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
26	702.1	700.0	698.0	694.0	690.0	686.0	682.0	678.0	674.0	670.0	666.0	662.0	658.0
27	701.1	700.0	698.0	694.0	690.0	686.0	682.0	678.0	674.0	670.0	666.0	662.0	658.0
28	700.9	700.0	698.0	694.0	690.0	686.0	682.0	678.0	674.0	670.0	666.0	662.0	658.0
29	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
30	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
31	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
32	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
33	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
34	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
35	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
36	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
37	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
38	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
39	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0
40	703.0	701.0	700.0	696.0	692.0	688.0	684.0	680.0	676.0	672.0	668.0	664.0	660.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

314

RESTRICTED

STAT

STAT

RESTRICTED

STAT

484

寒 Mien-tu-ho 灣

Lowest barometric pressure of freezing point

Mean atmospheric temperature

Mean maximum atmospheric temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1944	715.5	708.3	713.9	701.4	703.4	704.8	704.3	704.1	704.1	704.1	714.4	709.3	715.4
15	711.5	711.8	708.3	708.7	701.7	704.4	704.2	704.1	704.1	704.1	714.1	709.3	715.4
16	714.4	713.3	709.9	708.7	701.4	704.4	704.2	704.1	704.1	704.1	714.1	709.3	715.4
17	708.7	711.8	709.3	708.3	701.1	704.4	704.2	704.1	704.1	704.1	714.1	709.3	715.4
18	710.4	713.4	709.3	708.9	700.6	704.4	704.2	704.1	704.1	704.1	714.1	709.3	715.4
19	711.9	711.5	713.5	710.9	701.4	704.4	704.2	704.1	704.1	704.1	714.1	709.3	715.4
1909	61.7	61.9	62.6	62.9	62.3	61.1	72.5	69.3	64.3	61.3	79.6	65.5	72.1
10	62.8	62.1	62.9	62.8	62.3	60.6	62.3	61.1	61.8	61.3	69.3	65.5	62.6
11	62.8	61.9	62.0	62.0	62.0	61.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6
12	61.1	61.3	61.3	61.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
13	61.8	61.8	62.0	62.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
14	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
15	61.6	62.3	62.5	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
16	61.4	61.0	62.1	62.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
17	61.5	61.7	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
18	61.6	61.5	61.3	61.7	61.1	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
19	61.8	62.6	63.1	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
20	62.8	62.9	63.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
21	61.1	62.7	62.8	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
22	62.8	62.3	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
23	62.4	62.0	61.8	61.9	61.7	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
24	62.3	62.8	62.7	62.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
25	62.9	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
26	62.4	62.1	62.8	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
27	62.1	62.5	62.0	62.8	62.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
28	61.8	61.8	62.6	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
29	61.4	61.9	62.6	61.6	61.4	61.1	61.8	61.8	61.8	61.8	61.8	61.8	61.8
平均氣溫	-22.7	-24.5	-18.0	-2.1	9.4	14.8	18.8	16.7	7.7	-0.9	-13.4	-25.6	-4.0
10	-11.0	-24.4	-17.1	-2.8	8.3	14.7	19.0	16.8	7.9	1.0	-12.0	-25.1	-3.8
11	-24.7	-22.8	-18.1	1.7	8.8	14.3	18.0	17.0	9.4	-1.1	-12.0	-25.3	-3.8
12	-24.7	-19.7	-14.6	0.6	8.5	13.8	18.9	16.0	5.5	-6.1	-12.8	-27.3	-3.8
13	-29.6	-22.8	-15.3	0.1	8.9	15.5	18.5	15.0	8.6	-6.1	-12.8	-21.9	-3.1
14	-23.8	-22.8	-17.6	2.1	10.6	15.7	17.7	16.6	8.6	1.3	-12.2	-22.2	-2.8
15	-21.8	-22.8	-17.1	-2.8	7.6	14.7	18.8	15.0	7.9	-2.2	-12.3	-23.7	-4.3
16	-21.1	-22.7	-19.8	-2.3	9.5	12.8	18.3	17.1	7.8	0.7	-12.4	-24.6	-2.3
17	-20.0	-22.1	-17.2	0.8	8.0	17.4	17.0	15.1	5.2	-2.4	-12.5	-27.3	-3.7
18	-27.5	-22.0	-12.8	0.8	9.0	14.0	18.9	16.3	7.8	-2.1	-12.6	-24.4	-3.0
19	-21.4	-20.7	-14.0	-1.6	8.3	15.0	23.8	17.7	10.1	0.1	-13.3	-24.8	-2.5
20	-24.8	-22.5	-19.3	3.6	11.8	13.7	22.3	15.3	7.1	1.3	-12.1	-25.0	-2.8
21	-24.2	-22.6	-17.8	-1.9	10.0	18.6	18.3	17.7	10.6	-0.6	-12.5	-24.3	-2.8
22	-24.4	-20.9	-15.7	1.3	7.0	18.0	18.3	16.7	7.6	1.4	-17.4	-24.3	-2.0
23	-22.1	-22.9	-11.7	-1.7	9.8	14.0	18.9	16.3	7.8	-2.3	-13.8	-24.9	-3.3
24	-22.5	-21.7	-18.1	-2.1	9.4	16.4	19.3	17.8	9.7	-2.0	-12.0	-21.8	-2.4
25	-21.6	-21.8	-14.8	3.4	11.8	18.7	22.3	17.6	9.9	1.4	-12.3	-22.8	-1.8
26	-22.8	-22.2	-13.8	-0.4	10.3	17.9	23.1	17.3	11.3	-1.7	-12.1	-24.0	-2.1
27	-22.4	-22.1	-13.6	0.1	7.7	14.9	19.9	16.8	9.8	0.1	-12.0	-23.3	-2.0
28	-22.8	-22.4	-15.0	1.0	7.3	13.1	18.3	17.6	7.9	-0.4	-12.4	-22.1	-2.1
29	-20.6	-22.2	-12.8	0.7	10.4	14.8	17.3	12.7	7.3	-0.9	---	---	---
最高氣溫	19.0	18.8	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
10	18.6	19.4	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
11	18.7	19.1	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
12	18.7	19.0	19.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
13	18.7	19.0	19.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the

East Asia Research Institute. February 1942

315 RESTRICTED

STAT

STAT

RESTRICTED

Mien-tu-ho
見 遼 河

Mean maximum
atmospheric
temperature

Mean minimum
atmospheric
temperature

High limit of
atmospheric
temperature

Low limit of
atmospheric
temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1915	-25.1	-18.6	-9.6	1.5	13.4	21.5	24.8	21.4	15.8	4.5	-5.8	-15.1	8.3
16	-17.8	-10.3	-1.7	9.5	19.0	26.0	29.3	26.7	19.4	8.8	-4.8	-11.0	13.3
17	-24.7	-17.5	-8.8	8.2	18.3	24.9	27.8	25.8	18.3	5.4	-8.8	-18.8	14.4
18	-20.7	-13.4	-4.5	7.8	18.7	23.3	25.5	23.7	14.7	7.4	-	-	11.4
19	-	-	-	-	19.7	25.8	28.8	24.8	17.8	4.4	-9.4	-11.6	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-21.1	-20.2	-8.0	6.3	13.9	21.8	27.3	22.7	19.7	6.3	-5.5	-20.1	3.6
22	-20.3	-19.8	-8.3	7.7	13.9	22.9	25.8	22.5	13.7	7.0	-9.3	-21.5	2.9
23	-24.8	-19.9	-5.7	6.6	17.3	19.9	22.9	22.9	13.9	5.4	-	-	-
1900	-26.5	-11.9	-15.0	-10.8	0.3	4.8	12.1	12.2	1.8	-6.3	-20.3	-30.8	-11.0
11	-26.0	-10.8	-24.3	-6.9	0.9	7.3	13.9	10.6	0.5	-2.1	-18.4	-20.1	-10.0
12	-31.4	-29.6	-24.1	-6.7	0.7	7.0	10.9	11.3	2.2	-7.9	-17.2	-11.9	-8.4
13	-31.3	-27.0	-22.4	-7.3	-0.6	7.0	11.8	8.1	-0.7	-12.1	-24.7	-12.4	-10.0
14	-35.3	-29.8	-23.8	-6.2	-1.5	5.8	11.1	9.4	2.0	-6.9	-17.5	-27.9	-10.0
15	-30.5	-29.6	-20.4	-5.7	1.6	9.0	10.5	8.8	1.4	-4.5	-20.7	-30.3	-9.4
16	-37.8	-31.6	-24.3	-11.8	0.9	7.0	12.5	9.3	1.1	-1.1	-18.4	-27.3	-10.8
17	-29.6	-30.1	-20.7	-11.0	0.6	8.9	11.4	10.4	0.3	-1.1	-17.9	-12.7	-10.4
18	-35.0	-31.9	-19.7	-6.4	0.7	8.7	11.6	11.1	0.6	-9.3	-23.7	-32.4	-10.9
19	-33.8	-28.4	-21.2	-6.6	0.1	6.6	10.6	12.7	0.1	-7.0	-21.0	-32.8	-11.0
20	-37.2	-28.2	-21.4	-7.8	-0.8	7.7	15.6	10.9	2.1	-6.0	-19.9	-31.4	-9.7
21	-31.3	-35.4	-17.6	-4.1	1.4	6.5	12.3	9.2	0.6	-8.7	-21.2	-31.4	-2.8
22	-31.6	-28.4	-25.1	-7.6	0.6	9.3	11.4	9.1	1.8	-7.1	-22.1	-20.8	-10.4
23	-22.2	-27.7	-21.0	-9.9	1.3	8.5	11.4	8.0	2.3	-5.2	-23.2	-29.7	-10.4
24	-34.3	-30.4	-19.0	-8.5	1.0	6.3	11.5	9.7	1.7	-8.5	-21.5	-29.4	-10.1
25	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-34.5	-32.5	-25.8	-8.0	2.0	7.3	12.4	9.8	2.3	-8.8	-21.1	-22.4	-10.4
27	-32.0	-33.2	-23.1	-5.5	2.9	8.2	13.3	9.2	0.8	-8.7	-21.2	-31.4	-2.8
28	-33.5	-32.2	-21.2	-3.5	3.2	8.1	12.1	10.8	6.2	-7.3	-20.9	-22.3	-2.2
29	-32.5	-32.1	-23.9	-5.9	-0.2	6.2	11.2	6.2	-0.1	-7.2	-18.3	-31.6	-10.7
30	-33.1	-34.8	-23.5	-8.4	-1.2	5.9	10.4	12.3	2.1	-8.0	-21.7	-23.5	-10.3
31	-37.4	-33.3	-22.2	-6.3	2.2	7.1	12.0	11.0	1.0	-6.8	-	-	-
1910	-	-	-	-	-	27.6	28.6	27.7	21.9	12.3	7.9	-11.9	-
11	-10.8	-3.4	5.0	21.9	27.5	22.4	31.5	27.9	22.1	15.1	8.2	-2.1	31.2
12	-10.5	-3.9	-0.1	22.4	27.4	22.0	32.0	31.8	22.8	15.1	-1.3	-9.9	32.0
13	-13.3	-6.4	10.5	18.4	27.1	22.1	32.1	31.1	22.4	12.0	7.0	-2.2	32.1
14	-8.8	-8.3	6.5	27.4	28.8	20.7	32.8	30.5	23.3	17.6	2.4	-14.8	30.3
15	-14.0	-8.1	2.7	24.4	23.7	22.9	30.0	29.3	22.0	22.3	10.3	-6.2	22.6
16	-9.2	-5.8	-3.9	10.0	22.6	22.9	29.3	30.7	16.0	12.4	7.3	-1.7	30.7
17	-11.2	-3.7	5.3	18.0	27.2	22.6	33.5	33.7	22.4	17.3	-4.4	-11.3	33.7
18	-9.0	-6.0	7.0	21.0	22.8	22.0	31.7	22.1	22.3	22.3	-	-	31.3
19	-	-	-	-	22.6	22.1	32.1	22.1	22.1	19.7	2.9	-2.1	32.6
20	-	-	-	-	22.6	22.1	32.1	22.1	22.1	19.7	2.9	-2.1	32.6
21	-7.1	-5.1	12.6	18.2	22.3	22.0	32.0	22.0	22.0	12.3	2.2	-2.1	32.6
22	-15.2	-10.4	2.0	22.0	27.0	22.0	32.0	22.0	22.0	12.3	4.7	-1.3	32.6
23	-14.3	-12.0	7.2	18.2	27.2	22.7	22.3	27.2	22.7	12.3	-	-	22.3
1909	-4.7	-22.9	-22.8	-22.1	-4.1	-6.2	7.1	2.2	-4.2	-12.2	-12.2	-12.2	-4.2
10	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
11	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
12	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
13	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
14	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
15	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
16	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
17	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
18	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
19	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
20	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1
21	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1	-22.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

316

RESTRICTED

STAT

RESTRICTED

484

Mien-tu-ho

Low limit of atmospheric temperature

Mean cloud density

Mean wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	年
1909	-26.1	-26.9	-26.1	-26.0	-24.8	-1.9	1.8	1.8	-2.5	-12.9	-12.9	-24.1	-26
10	-24.5	-26.0	-25.8	-26.0	-24.1	-1.1	1.6	2.8	-2.4	-12.9	-12.1	-24.1	-26
11	-24.4	-26.7	-25.6	-26.7	-24.7	-1.3	1.5	2.0	-2.4	-12.9	-12.1	-24.1	-26
12	-24.9	-26.8	-24.8	-26.9	-24.8	-1.9	2.5	1.6	-2.5	-12.1	-12.9	-24.1	-26
13	-21.6	-23.6	-24.4	-24.8	-24.8	-4.8	0.8	2.4	-2.5	-12.4	-12.4	-24.1	-26
14	-23.8	-23.8	-23.6	-23.5	-23.0	0.1	2.9	-1.7	-2.4	-12.8	-12.8	-24.1	-26
15	-22.8	-23.0	-22.9	-22.2	-22.4	-1.8	2.3	1.9	-2.0	-12.8	-12.8	-24.1	-26
16	-27.7	-24.9	-23.8	-23.4	-24	-2.3	2.1	1.5	-2.4	-12.8	-12.8	-24.1	-26
平均風速	2.8	4.8	4.4	5.7	6.2	5.5	7.9	6.6	6.6	4.3	4.4	4.9	4.4
10	4.8	4.5	4.7	5.7	7.5	8.1	8.1	8.3	7.0	6.3	5.1	2.4	4.3
11	5.0	3.6	3.1	2.4	2.3	2.3	2.0	0.7	0.4	2.8	2.3	2.4	2.4
12	4.4	4.6	4.0	4.7	6.8	7.1	7.4	7.1	6.4	4.6	3.7	4.4	4.6
13	3.4	3.9	2.8	5.7	5.5	6.8	6.7	7.9	6.3	3.4	2.3	6.3	5.3
14	5.1	6.4	6.1	5.4	6.4	7.7	7.1	7.9	5.8	4.7	6.3	5.6	6.3
15	7.4	7.8	5.7	6.3	7.9	8.0	7.8	7.9	6.4	3.7	5.4	5.9	6.7
16	6.3	4.5	4.6	6.1	6.1	7.8	6.4	5.9	5.5	4.0	3.7	4.4	5.4
17	3.5	3.7	3.3	2.8	3.1	6.8	6.0	7.0	5.4	3.6	3.8	5.1	4.8
18	3.4	3.4	2.6	5.3	7.3	6.9	6.8	6.4	—	3.9	3.9	1.5	—
19	1.1	3.1	3.3	4.0	5.8	4.5	4.3	5.9	3.8	5.0	4.0	4.1	3.9
20	3.3	3.4	3.4	3.5	4.3	4.1	4.4	3.9	7.1	5.0	3.6	3.7	4.3
21	3.5	1.9	1.7	4.1	2.6	5.7	4.4	3.8	3.9	3.7	3.1	1.7	3.1
22	0.5	3.3	3.6	3.0	6.1	5.0	5.6	5.1	3.8	3.9	3.4	4.1	4.3
23	2.3	4.1	3.3	4.7	5.5	5.9	5.6	6.0	5.9	6.0	4.6	4.4	4.8
24	3.7	5.8	4.0	6.6	8.1	7.1	7.3	6.1	3.1	4.9	5.0	4.4	3.7
25	5.1	5.1	2.8	6.3	8.4	7.0	7.8	4.4	5.2	4.3	3.4	6.0	6.3
26	4.9	5.7	2.8	6.8	7.0	7.9	7.4	5.8	7.1	6.0	5.3	4.9	6.1
27	3.1	5.7	5.1	6.4	7.9	5.4	5.1	3.8	3.7	5.1	4.1	3.0	5.0
28	4.6	2.6	3.5	3.4	5.4	5.4	6.1	5.9	5.7	4.0	5.3	3.8	4.7
29	2.2	4.6	3.8	5.0	5.4	6.7	6.1	6.8	5.4	4.3	—	—	—
平均風速	1.7	1.8	3.1	3.6	3.0	2.4	2.4	2.0	3.6	2.7	4.4	1.3	2.7
10	1.8	1.5	3.2	3.6	2.8	2.3	1.6	1.8	2.4	2.3	3.6	0.9	2.3
11	1.5	1.4	2.0	2.9	3.0	2.8	1.4	1.9	1.8	2.8	2.4	1.3	2.1
12	1.7	2.4	3.4	3.6	3.8	2.3	2.4	2.7	2.8	2.4	2.4	1.6	2.8
13	0.9	1.6	1.5	2.0	3.3	3.1	3.7	3.5	3.1	2.8	4.3	1.3	2.9
14	1.7	1.4	4.8	4.0	5.1	3.3	2.7	2.8	2.8	2.4	2.8	2.1	2.9
15	2.0	3.0	1.8	2.9	3.3	2.4	3.0	1.9	3.0	2.4	2.3	1.8	2.1
16	2.1	1.3	1.4	4.0	4.0	2.7	1.8	1.7	2.4	2.1	3.3	2.9	2.8
17	1.0	0.9	1.7	3.1	2.7	2.0	2.0	1.7	2.1	2.3	1.1	1.1	1.9
18	1.9	2.1	2.4	4.1	3.1	2.7	2.9	2.8	—	2.6	2.3	4.8	—
19	0.7	1.7	2.3	2.3	3.7	1.4	1.7	1.8	1.3	2.1	2.3	0.9	1.9
20	1.3	1.8	2.8	2.7	1.8	2.0	2.1	1.8	2.7	1.7	2.0	1.8	1.9
21	0.7	0.4	1.9	4.9	3.8	3.8	2.8	2.4	2.4	2.1	2.8	1.3	2.1
22	0.9	4.4	2.1	3.7	3.8	2.3	2.9	2.9	1.6	1.6	2.4	1.8	2.0
23	2.4	3.7	4.4	4.4	4.0	2.7	2.8	2.1	2.4	4.1	2.8	2.3	3.4
24	1.1	1.8	1.5	2.9	2.9	1.9	1.4	1.9	2.0	2.0	1.9	1.9	2.0
25	0.1	1.5	1.7	3.8	2.3	2.9	2.4	1.4	2.8	1.8	1.8	1.9	2.1
26	0.8	1.7	1.8	2.8	2.4	2.0	1.8	1.5	2.0	2.0	2.0	2.1	2.1
27	1.4	1.8	1.6	3.8	2.9	4.0	2.1	2.0	2.6	2.6	2.6	2.6	2.6
28	2.4	1.1	3.7	3.8	1.9	3.7	3.0	2.6	3.4	2.8	2.8	1.9	2.4
29	1.3	2.1	3.7	4.4	4.7	4.1	2.7	2.3	2.7	4.1	—	—	—
平均雨量	1.1	1.6	2.6	11.1	22.8	12.4	22.1	22.4	22.4	11.9	2.8	2.6	2.6
10	1.7	1.8	2.1	12.1	22.8	12.4	22.1	22.4	22.4	11.9	2.8	2.6	2.6
11	2.4	2.1	2.1	12.1	22.8	12.4	22.1	22.4	22.4	11.9	2.8	2.6	2.6
12	2.4	2.1	2.1	12.1	22.8	12.4	22.1	22.4	22.4	11.9	2.8	2.6	2.6

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

317 RESTRICTED

RESTRICTED

Mien-tu-ho

Rainfall

Maximum rainfall per day

Number of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1914	53	51	59	88	115	87	66	105	128	108	108	79	1206
15	54	52	53	107	103	59	106	114	117	116	118	79	1216
16	59	48	58	100	87	100	94	114	115	117	118	78	1211
17	55	61	58	110	88	110	108	108	114	117	118	79	1210
18	51	68	67	88	101	113	114	114	116	117	118	79	1210
19	47	80	10	154	155	170	153	130	118	118	118	118	1210
20	117	84	57	205	178	118	118	118	118	118	118	118	1210
21	117	84	57	205	178	118	118	118	118	118	118	118	1210
22	117	84	57	205	178	118	118	118	118	118	118	118	1210
23	09	81	14	187	134	175	109	100	100	100	100	100	1210
24	41	48	10	134	144	147	101	101	110	110	110	110	1210
25	33	37	38	19	101	146	146	146	146	146	146	146	1210
26	43	38	10	175	175	175	175	175	175	175	175	175	1210
27	17	33	10	175	175	175	175	175	175	175	175	175	1210
28	84	76	10	175	175	175	175	175	175	175	175	175	1210
29	68	81	10	175	175	175	175	175	175	175	175	175	1210
1909	05	18	13	56	56	35	111	376	466	43	87	20	666
10	03	07	08	18	109	101	101	101	101	101	101	101	101
11	31	06	11	41	185	119	119	119	119	119	119	119	119
12	17	18	13	11	160	165	138	138	164	10	13	09	165
13	05	15	18	19	09	01	08	109	109	06	10	11	108
14	12	18	15	15	67	153	173	166	161	55	93	93	166
15	08	13	13	11	194	184	187	184	184	184	184	184	184
16	09	18	17	87	87	82	83	81	127	13	47	15	103
17	17	11	11	14	18	108	108	108	108	108	108	108	108
18	06	08	13	13	113	117	115	115	115	115	115	115	115
19	15	43	07	53	50	111	110	110	110	110	110	110	110
20	10	17	17	17	17	17	17	17	17	17	17	17	17
21	10	17	17	17	17	17	17	17	17	17	17	17	17
22	10	17	17	17	17	17	17	17	17	17	17	17	17
23	08	48	18	10	10	10	10	10	10	10	10	10	10
24	18	10	08	18	18	18	18	18	18	18	18	18	18
25	08	13	08	11	13	17	100	100	100	100	100	100	100
26	15	13	18	09	155	155	155	155	155	155	155	155	155
27	10	09	09	107	118	118	118	118	118	118	118	118	118
28	16	11	17	15	15	15	15	15	15	15	15	15	15
29	15	10	10	10	10	10	10	10	10	10	10	10	10
1900	3	8	5	7	8	10	16	18	18	8	13	13	117
10	10	8	10	10	10	10	10	10	10	10	10	10	10
11	13	8	10	7	10	10	10	10	10	10	10	10	10
12	16	8	7	3	6	14	11	13	10	10	10	10	10
13	7	9	7	3	1	7	17	11	17	3	5	17	117
14	10	8	11	5	6	19	10	15	8	3	14	9	110
15	13	8	10	7	15	14	13	10	9	3	14	9	110
16	10	8	10	9	10	10	10	10	10	10	10	10	10
17	9	3	5	4	6	17	18	11	11	4	10	11	112
18	3	4	4	3	5	13	17	11	9	4	5	5	112
19	4	10	6	10	14	11	10	14	10	10	10	10	10
20	10	6	5	7	7	17	17	17	17	17	17	17	17
21	6	1	6	4	3	17	17	17	17	17	17	17	17
22	1	6	6	4	7	17	17	17	17	17	17	17	17
23	1	9	3	7	10	17	17	17	17	17	17	17	17
24	8	7	6	11	10	11	10	11	10	10	10	10	10
25	11	8	8	3	6	18	18	18	18	18	18	18	18
26	6	6	6	4	4	15	15	15	15	15	15	15	15
27	13	13	13	13	13	13	13	13	13	13	13	13	13
28	13	13	13	13	13	13	13	13	13	13	13	13	13
29	13	13	13	13	13	13	13	13	13	13	13	13	13

W42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

318

RESTRICTED

STAT

STAT

RESTRICTED

480

Mien-tu-ho

雲 臺

Number of clear days

Number of cloudy days

Number of foggy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
快晴日数 1909	17	7	10	8	4	8	---	1	8	4	8	12	81
10	6	7	8	7	1	---	---	2	6	8	12	12	77
11	8	11	8	8	1	1	---	1	2	12	6	8	80
12	18	8	10	4	4	---	---	---	7	7	8	8	78
13	18	14	18	4	5	8	---	1	5	10	8	5	87
14	8	3	6	8	2	2	3	1	6	9	5	3	58
15	3	3	5	5	---	---	---	4	4	5	10	8	70
16	3	10	5	5	4	---	---	4	4	5	9	10	70
17	15	8	8	4	3	7	8	1	5	10	7	10	82
18	13	9	8	3	3	---	---	2	6	10	23	---	---
19	22	18	18	9	2	7	2	1	12	6	8	10	117
20	14	12	15	10	9	4	1	1	10	10	10	10	100
21	15	15	19	11	13	8	11	10	15	11	10	11	103
22	20	6	13	14	5	5	5	6	5	10	10	10	106
23	18	6	15	10	4	4	4	2	2	5	9	9	99
24	10	2	10	4	---	1	2	8	8	11	10	10	69
25	5	7	7	4	1	3	2	3	5	11	3	3	57
26	6	5	8	5	3	2	2	9	6	9	7	7	64
27	15	2	8	4	3	5	7	4	10	10	10	10	88
28	9	16	14	13	1	6	1	4	5	13	8	10	100
29	17	6	14	5	4	---	3	---	5	7	---	---	---
曇天日数 1909	1	5	5	8	11	8	20	8	8	10	11	6	103
10	5	5	6	10	15	18	23	20	12	11	8	1	140
11	7	2	8	8	9	14	18	19	13	11	8	4	121
12	5	3	6	11	11	11	15	9	14	9	7	4	104
13	1	5	3	7	8	10	12	13	12	3	6	9	89
14	8	11	13	12	8	16	15	12	11	4	10	9	131
15	13	13	8	10	10	16	16	16	12	5	5	7	131
16	6	6	5	8	12	16	11	9	6	4	10	9	91
17	4	1	3	6	5	12	6	12	9	4	10	9	81
18	3	1	3	5	15	---	11	12	---	3	7	---	---
19	---	1	4	4	5	2	5	4	6	2	2	3	58
20	3	2	3	5	3	10	3	15	7	1	5	2	58
21	3	1	1	6	---	6	2	4	3	6	2	7	51
22	---	2	4	2	14	5	8	7	10	8	6	6	69
23	1	3	5	7	4	8	5	9	7	8	6	6	69
24	3	6	3	12	20	12	15	11	8	8	10	5	113
25	7	8	10	13	21	14	21	9	10	8	12	11	143
26	7	7	6	13	18	17	15	13	15	20	10	4	139
27	3	7	6	10	15	3	8	6	5	10	4	11	111
28	5	2	5	2	6	6	8	5	8	7	10	---	88
29	---	6	2	2	7	11	12	7	8	---	---	---	---
雾日数 1909	---	---	---	---	1	1	3	8	1	---	---	---	14
10	9	3	---	---	---	1	2	9	2	1	1	1	21
11	5	4	2	2	---	1	9	10	2	1	1	1	41
12	3	7	---	---	1	---	5	---	---	---	---	---	21
13	7	---	---	---	---	---	---	1	6	---	---	---	28
14	1	4	---	---	---	---	1	1	2	---	---	---	19
15	4	1	---	---	---	---	---	---	---	---	---	---	19
16	---	---	---	---	---	---	1	4	2	---	---	---	9
17	---	---	---	---	---	---	---	---	---	---	---	---	---
18	2	3	4	---	1	2	4	---	---	---	---	---	24
19	1	---	---	---	---	1	---	---	---	---	---	---	11
20	3	---	---	---	---	1	---	---	---	---	---	---	11
21	1	6	4	---	---	---	---	---	---	---	---	---	21
22	2	11	2	---	---	---	---	---	---	---	---	---	22
23	2	11	2	---	---	---	---	---	---	---	---	---	22

742 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

319 RESTRICTED

RESTRICTED

Mien-tu-ho

Number of foggy days

Number of days with hail

Number of days with electrical storms

Number of stormy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1934	11	8	3	...	...	...	3	1	...	...	1	...	27
35	1	6	3	...	...	...	1	3	1	1	...	3	19
36	5	...	...	1	...	...	6	1	1	1	...	...	20
37	5	...	...	1	...	1	6	1	1	1	2	...	21
38	3	1	...	...	...	...	1	12	2	...	...	...	21
39	9	1	...	1	1	1	11	9	...	...	...	...	...
雾日数	1939	...	...	...	1	...	...	...	...	...	...	...	1
10	1	...	...	...	...	...	...	...	4
11	1	...	...	1	...	...	...	...	4
12	1	...	...	...	...	...	...	...	1
13	1	...	...	...	...	...	...	...	1
14	3	...	1	...	...	...	...	3
15	3
16	3
17	3
18	2	...	1	...	...	...	...	1
19	1	...	...	...	...	1
20	1	2	1	1	1	...	...	...	6
21	1	1	1	1	1	...	...	...	1
22	1	1	...	1	1	...	...	...	3
23	1	1	...	1	1	...	...	...	3
24	1	1	1	1	1	1	...	...	5
25	1	1	1	1	1	1	...	...	6
26	1	1	1	1	1	1	...	...	6
27	1	1	...	1	1	1	...	...	3
28	1	1	...	1	1	1	...	...	3
29	1	1	...	1	1	1	...	...	3
雹日数	1939	...	...	...	1	1	4	1	...	...	...	...	7
10	1	3	2	4	...	...	...	...	8
11	1	1	1	1	...	...	...	...	5
12	1	1	1	1	1	...	...	...	5
13	1	1	3	1	...	...	...	...	5
14	2	2	4	2	...	...	...	...	10
15	1	1	1	1	...	...	...	...	5
16	3	5	1	1	...	...	...	...	9
17	5	6	5	5	...	...	...	...	16
18	1	5	5	5	...	...	...	...	14
19	1	1	1	1	...	...	...	...	10
20	1	4	3	4	...	...	...	...	10
21	1	3	3	3	...	...	...	...	8
22	7	1	1	...	...	...	...	7
23	4	2	1	1	...	...	...	...	13
24	4	2	5	1	...	...	...	...	13
25	6	6	4	4	...	...	...	...	17
26	3	3	2	2	...	...	...	...	7
27	2	2	1	1	...	...	...	...	6
28	1	1	1	1	...	...	...	...	4
29	1	1	3	1	...	...	...	...	4
暴风雨日数	1939	...	...	1	1	...	...	...	...	...	...	...	1
10	4	7	4	3	1	1	...	...	...	...	18
11	6	9	4	2	1	1	...	...	...	...	17
12	6	8	2	1	1	1	...	...	...	...	22
13	1	1	1	1	1	1	...	...	...	...	10
14	1	5	5	...	...	...	...	...	...	...	11
15	1
16	1
17	1
18	1
19	6	1	1	...	...	...	...	8
20	6	1	1	...	...	...	...	8
21	4	1	1	...	...	...	...	6
22	4	1	1	...	...	...	...	6
23	7	1	1	...	...	...	...	9
24	7	1	1	...	...	...	...	9
25	6	1	1	...	...	...	...	8
26	6	1	1	...	...	...	...	8
27	6	1	1	...	...	...	...	8
28	6	1	1	...	...	...	...	8
29	6	1	1	...	...	...	...	8

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

320 RESTRICTED

RESTRICTED

Mien-tu-ho

Number of stormy days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1914	1	1	2	3	4	5	6	7	8	9	10	11	12
15	1	1	2	3	4	5	6	7	8	9	10	11	12
16	1	1	2	3	4	5	6	7	8	9	10	11	12
17	1	1	2	3	4	5	6	7	8	9	10	11	12
18	1	1	2	3	4	5	6	7	8	9	10	11	12
19	1	1	2	3	4	5	6	7	8	9	10	11	12
20	1	1	2	3	4	5	6	7	8	9	10	11	12
21	1	1	2	3	4	5	6	7	8	9	10	11	12
22	1	1	2	3	4	5	6	7	8	9	10	11	12
23	1	1	2	3	4	5	6	7	8	9	10	11	12
24	1	1	2	3	4	5	6	7	8	9	10	11	12
25	1	1	2	3	4	5	6	7	8	9	10	11	12
26	1	1	2	3	4	5	6	7	8	9	10	11	12
27	1	1	2	3	4	5	6	7	8	9	10	11	12
28	1	1	2	3	4	5	6	7	8	9	10	11	12
29	1	1	2	3	4	5	6	7	8	9	10	11	12

Hai-la-erh

Mean barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1900	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
10	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
11	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
12	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
13	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
14	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
15	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
16	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
17	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
18	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
19	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
20	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
21	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
22	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
23	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
24	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
25	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
26	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
27	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
28	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
29	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
30	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0
31	710.0	707.0	705.0	703.0	702.0	701.0	700.0	699.0	698.0	697.0	696.0	695.0	700.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

321

RESTRICTED

RESTRICTED

海拉爾

Highest
barometric
pressure of
freezing
point

Lowest
barometric
pressure of
freezing
point

Mean
barometric
pressure at
sea level

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	71.4	74.8	75.2	78.5	78.4	77.3	88.8	89.8	79.8	78.9	77.3	74.8	77.4
10	70.3	75.1	75.8	78.0	78.0	87.8	84.4	89.8	78.5	78.0	77.0	74.8	77.9
11	71.1	77.3	77.4	79.8	78.0	87.5	87.8	88.1	78.1	78.0	76.0	74.8	77.4
12	74.3	77.5	79.5	78.1	81.8	87.8	89.8	88.0	78.0	78.0	78.1	74.8	77.4
13	77.1	77.3	77.3	73.1	89.5	88.8	89.3	88.9	78.0	88.8	88.3	74.8	77.1
14	78.3	81.1	81.0	80.7	83.5	86.1	86.3	81.3	80.7	75.1	73.3	71.7	77.2
15	78.8	83.3	81.9	79.0	86.4	87.1	88.3	87.4	75.4	74.8	74.5	71.7	78.1
16	80.8	85.7	85.8	81.1	85.8	86.4	84.4	71.4	77.0	78.0	74.8	71.7	78.1
17	82.9	81.7	85.9	85.0	81.4	88.3	85.8	89.1	74.8	77.4	75.9	71.7	78.1
18	81.7	84.4	85.7	85.4	83.3	87.7	88.3	87.3	74.0	75.8	70.5	71.1	77.1
19	77.7	81.4	85.7	85.4	83.3	87.7	88.3	87.3	74.0	75.8	70.5	71.1	77.1
20	78.4	83.4	80.3	73.9	70.8	81.9	86.1	70.9	71.1	76.1	76.1	74.0	74.0
21	82.0	84.6	74.4	75.8	71.3	89.0	87.5	86.1	76.9	76.6	77.1	74.0	74.0
22	80.3	85.0	74.7	74.4	89.9	89.8	81.5	89.4	75.3	75.1	71.8	71.9	71.8
23	83.4	80.7	78.8	75.7	78.1	76.1	89.8	88.8	76.0	76.3	72.8	71.8	73.4
24	84.0	77.7	82.7	89.8	89.9	70.7	74.3	71.8	73.0	76.1	72.1	71.3	74.4
25	80.3	82.1	77.1	76.5	86.6	89.1	89.8	78.5	78.7	76.3	75.4	71.3	73.1
26	84.3	81.0	80.8	73.3	75.8	71.8	88.3	71.1	77.4	76.7	78.8	71.4	74.8
27	77.8	80.7	85.5	75.3	70.4	88.1	86.4	76.8	75.8	75.1	74.0	71.0	71.0
28	78.3	83.8	85.0	77.9	89.5	88.8	89.3	76.8	77.7	77.7	71.8	71.7	71.8
29	78.8	81.3	86.6	75.7	89.0	87.7	89.9	78.5	74.4	70.1	71.5	71.3	73.3
30	83.8	84.3	75.3	70.6	75.0	86.5	84.9	75.1	77.4	75.5	76.0	71.1	74.8
31	80.7	80.8	80.1	78.4	89.8	84.9	87.8	89.6	73.8	74.8	75.5	70.5	74.8
32	77.9	83.0	86.7	75.0	75.0	86.5	86.9	73.8	74.0	73.6	71.4	71.8	73.6
33	84.7	81.0	86.0	73.9	87.0	86.5	71.1	71.7	74.4	74.8	73.6	70.9	74.7
1909	69.1	68.8	69.8	63.0	62.8	64.1	65.1	67.4	68.8	70.8	68.4	67.1	67.6
10	68.7	70.1	69.8	62.0	62.7	64.1	68.0	69.4	69.3	70.8	69.0	67.1	67.6
11	68.4	69.8	69.4	62.0	62.3	62.8	69.0	69.1	69.7	69.8	69.0	67.1	67.6
12	69.8	69.5	69.1	62.8	62.9	63.0	69.0	68.8	64.4	65.1	68.8	67.1	67.6
13	70.1.8	70.1.8	69.7.0	62.7.7	62.1.1	63.4.4	69.3.9	69.1.4	69.3.4	70.1.3	69.4.4	67.1.1	67.1.1
14	69.3	70.8	69.5	64.4	63.0	63.1	64.4	69.5	69.3	69.3	69.3	67.1	67.1
15	69.9	68.8	69.8	63.4	63.8	64.0	64.4	69.5	69.3	69.3	69.3	67.1	67.1
16	70.2.8	69.7.8	69.7.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	67.1	67.1
17	70.5	69.4	69.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	67.1	67.1
18	70.1	70.1	69.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	67.1	67.1
19	70.1	69.7	69.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	67.1	67.1
20	70.2	70.4	70.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	67.1	67.1
21	69.8	69.8	69.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
22	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
23	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
24	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
25	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
26	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
27	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
28	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
29	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
30	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
31	70.1	69.1	69.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1910	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1911	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1912	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1913	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1914	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1915	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1916	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1917	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1918	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1919	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1920	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1921	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1922	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1923	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1924	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1925	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1926	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1927	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1928	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1929	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1
1930	69.1	69.1	69.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	67.1	67.1

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
East Asia Research Institute, February 1942

322 RESTRICTED

STAT

STAT

RESTRICTED

449

海 拉 爾

Hai-la-erh

Mean atmospheric temperature

Mean maximum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
平均氣溫 1909	-29.6	-24.9	-18.2	-5.6	10.5	18.5	20.1	18.4	8.6	-0.1	-22.0	-25.3	-5.3	
10	-29.8	-24.3	-18.5	1.0	9.8	18.5	20.0	17.3	8.8	1.7	-22.0	-25.4	-5.3	
11	-29.1	-23.0	-16.8	2.6	10.3	19.7	19.4	18.4	10.6	0.9	-21.8	-25.7	-5.8	
12	-28.0	-20.8	-18.0	1.3	9.8	17.9	21.1	17.0	6.9	-5.8	-20.8	-26.7	-5.6	
13	-28.8	-24.5	-14.5	1.4	10.4	17.5	20.8	18.3	9.8	0.3	-23.3	-23.8	-6.6	
14	-23.9	-24.0	-14.4	8.6	11.8	17.4	19.3	18.3	10.4	2.1	-25.7	-25.4	-1.8	
15	-21.4	-25.7	-16.7	-3.5	8.9	18.6	20.3	18.5	9.3	-2.9	-21.4	-21.0	-3.5	
16	-24.5	-24.1	-20.0	-4.5	10.7	15.1	20.7	20.1	9.1	1.5	-18.0	-27.9	-2.0	
17	-20.8	-24.9	-13.8	1.8	10.8	18.9	21.7	20.1	9.7	-1.5	-16.8	-28.8	-2.9	
18	-27.3	-22.6	-15.5	1.7	10.7	16.8	20.3	17.8	9.9	0.3	-25.8	-26.6	-2.3	
19	-23.5	-20.6	-13.8	0.8	9.5	17.3	25.3	18.0	11.5	0.6	-23.6	-25.1	-1.9	
20	-24.9	-28.6	-10.8	4.0	12.7	15.4	22.7	16.5	8.0	2.8	-25.8	-25.8	-1.9	
21	-25.2	-25.4	-17.0	-1.0	10.6	17.9	20.6	19.5	12.3	-0.1	-20.0	-25.8	-2.5	
22	-27.5	-20.8	-15.9	2.0	7.8	17.4	19.6	18.0	8.4	1.4	-23.9	-25.1	-3.7	
23	-29.6	-24.9	-12.6	-0.5	10.2	15.1	19.0	17.9	9.0	-1.4	-26.3	-24.8	-3.1	
24	-29.3	-26.5	-18.5	-1.1	10.6	18.0	20.5	19.1	11.1	-1.7	-23.6	-28.7	-2.6	
25	-25.6	-25.3	-14.6	4.3	11.9	18.5	21.5	18.4	10.6	2.2	-2.9	-28.6	-0.9	
26	-26.5	-23.0	-14.7	1.0	13.0	19.0	24.0	18.7	11.0	-0.7	-14.9	-26.7	-1.4	
27	-27.1	-28.8	-15.8	1.7	9.1	17.5	23.5	17.3	12.0	0.7	-22.5	-26.9	-2.8	
28	-27.6	-27.2	-15.9	0.9	8.8	17.4	20.5	18.9	9.1	0.8	-14.9	-26.4	-3.0	
31	-21.2	-20.7	-13.6	-0.9	8.8	15.9	22.4	17.6	10.3	0.7	-10.0	-23.0	-2.8	
32	-22.8	-27.5	-13.4	1.3	10.1	17.1	20.2	15.9	12.3	2.3	-11.8	-20.5	-1.4	
33	-21.0	-20.1	-10.9	-0.0	5.6	16.1	21.1	18.9	11.0	2.4	-7.7	-27.7	-1.1	
34	-21.8	-20.2	-17.6	0.7	9.6	18.4	19.5	18.1	11.7	0.7	-24.0	-24.1	-3.8	
37	-29.9	-24.0	-21.0	-0.1	9.6	19.0	20.1	17.7	9.3	1.2	-11.6	-26.3	-3.1	
38	-29.2	-23.9	-7.9	3.4	9.9	18.0	20.7	17.4	9.8	2.5	-13.6	-27.3	-1.7	
39	-29.3	-23.6	-22.7	3.5	10.3	16.5	21.4	19.5	10.7	-0.1	-13.3	-26.4	-1.5	
40	-29.9	-25.0	-12.2	0.2	—	16.7	19.4	16.3	10.2	0.5	-12.3	-21.4	—	
平均最高氣溫	1909	-23.7	-18.5	-11.4	1.6	17.0	23.1	25.9	24.8	14.9	5.8	-6.7	-20.0	2.7
10	-22.6	-16.6	-8.6	7.6	15.9	22.8	25.5	23.9	18.0	9.4	-5.1	-19.7	3.8	
11	-18.8	-15.6	-8.1	8.5	16.7	22.1	25.4	24.9	17.7	7.8	-4.9	-21.1	4.6	
12	-19.7	-12.8	-7.5	7.9	16.3	24.4	27.8	24.2	13.4	6.7	-4.4	-23.5	3.1	
13	-25.1	-17.7	-7.6	6.9	17.7	24.8	27.2	22.4	16.8	7.9	-8.9	-17.9	4.0	
14	-17.1	-17.2	-7.5	9.6	19.1	23.2	24.8	24.8	17.9	10.6	-2.4	-20.4	4.9	
15	-25.0	-18.9	-9.3	2.2	12.4	22.4	27.8	22.4	18.0	4.3	-2.8	-14.8	3.9	
16	-18.2	-18.9	-12.3	1.8	12.6	20.1	26.5	21.5	18.1	9.0	-1.2	-20.1	4.6	
17	-24.7	-17.4	-6.1	7.4	17.1	23.8	28.3	27.1	17.1	5.9	-10.9	-23.5	3.8	
18	-21.3	-15.5	-4.3	8.5	17.6	23.0	28.7	24.5	17.0	7.5	-1.9	-20.0	4.5	
19	-21.9	-23.1	-6.8	4.8	16.3	23.2	25.3	25.3	19.0	6.4	-4.2	-19.9	4.7	
20	-17.7	-21.4	-6.8	10.6	20.1	21.6	29.1	21.6	14.6	11.0	-2.8	-22.8	4.7	
21	-18.2	-18.2	-2.2	2.2	17.7	24.4	27.3	27.5	20.4	8.2	-20.8	-20.8	4.6	
22	-21.0	-12.0	-2.8	8.8	15.3	23.8	27.0	21.9	14.4	8.4	-22.6	-12.6	2.5	
23	-23.1	-16.9	-5.0	5.4	17.0	21.1	28.5	24.9	15.5	4.5	-20.3	-18.5	3.4	
24	-25.6	-19.3	-10.1	4.8	18.8	24.7	26.5	26.0	19.3	5.0	-7.2	-14.7	3.6	
25	-19.7	-17.2	-4.9	11.5	18.3	22.9	26.0	26.0	19.3	5.0	-7.2	-14.7	3.6	
26	—	—	—	—	—	—	—	—	—	—	—	—	—	
27	-22.9	-18.9	-8.2	9.7	18.6	24.2	21.3	23.4	17.4	6.0	-2.7	—	—	
28	-22.9	-18.9	-8.2	9.7	18.6	24.2	21.3	23.4	17.4	6.0	-2.7	—	—	
29	-21.5	-19.3	-8.8	7.9	13.1	24.1	27.1	21.0	14.9	2.2	-2.9	-21.2	2.5	
30	-24.4	-18.2	-4.3	2.2	18.4	21.7	24.4	22.0	—	—	—	—	—	
31	-22.7	—	—	—	—	—	—	—	—	—	—	—	—	
32	-15.4	-18.7	-6.8	7.2	12.3	23.4	27.1	22.7	14.9	2.2	-2.9	-21.2	2.5	
33	-12.7	-7.3	-4.9	6.1	12.2	22.1	27.9	22.6	14.9	2.2	-2.9	-21.2	2.5	
34	-22.4	-21.2	-9.1	2.2	18.4	21.7	24.4	22.0	—	—	—	—	—	
37	-22.4	-21.2	-9.1	2.2	18.4	21.7	24.4	22.0	—	—	—	—	—	
38	-22.4	-21.2	-9.1	2.2	18.4	21.7	24.4	22.0	—	—	—	—	—	
39	-22.4	-21.2	-9.1	2.2	18.4	21.7	24.4	22.0	—	—	—	—	—	
40	-22.4	-21.2	-9.1	2.2	18.4	21.7	24.4	22.0	—	—	—	—	—	

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942 (1)

323 RESTRICTED

RESTRICTED

Hai-1-erh

Mean minimum atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	-35.5	-31.4	-25.0	-9.7	8.8	7.1	13.5	11.8	5.1	-5.4	-28.0	-29.4	-8.8
10	-34.1	-28.8	-22.6	-5.8	8.5	8.8	14.9	14.8	5.3	-4.4	-27.7	-28.1	-9.8
11	-31.3	-26.1	-20.3	-4.4	1.4	8.7	12.8	12.8	3.4	-7.1	-27.8	-27.4	-9.8
12	-32.1	-27.8	-24.0	-4.1	1.3	10.1	13.8	9.7	0.9	-11.8	-28.5	-26.1	-10.1
13	-34.5	-30.7	-22.8	-4.8	0.1	8.0	12.8	10.4	3.6	-4.7	-29.3	-28.0	-9.8
14	-30.8	-30.0	-21.0	-4.9	8.8	14.8	13.1	11.7	3.1	-5.7	-21.8	-20.9	-8.4
15	-37.4	-32.0	-23.7	-8.4	8.3	9.0	14.8	10.5	8.8	-3.4	-27.8	-27.3	-9.8
16	-31.8	-26.3	-27.8	-10.4	8.0	8.4	13.8	10.5	8.8	-3.4	-27.8	-27.3	-9.8
17	-35.7	-31.0	-21.3	-5.4	1.6	10.6	13.4	12.4	8.4	-4.3	-23.4	-23.4	-9.8
18	-33.8	-28.0	-19.3	-5.3	8.6	8.7	13.0	11.5	8.8	-6.3	-21.0	-21.0	-9.0
19	-38.9	-27.8	-20.3	-4.8	0.8	9.3	17.1	19.1	4.6	-4.8	-28.3	-26.8	-8.6
20	-31.7	-24.4	-16.7	-3.0	3.3	8.1	14.8	11.8	1.8	-9.3	-20.3	-21.4	-8.4
21	-31.0	-21.8	-23.9	-6.4	1.8	10.8	13.5	11.2	4.7	-6.0	-21.3	-21.3	-9.8
22	-40.7	-27.8	-23.3	-4.8	4.7	10.3	13.3	10.0	8.7	-4.7	-23.7	-20.9	-9.9
23	-35.5	-31.0	-19.9	-7.3	2.0	7.3	13.0	11.1	3.8	-4.9	-22.0	-20.3	-9.7
24	-34.7	-32.8	-25.1	-6.6	3.1	9.4	14.1	11.8	3.6	-7.6	-19.5	-22.4	-9.5
25	-30.9	-32.0	-28.3	-6.3	3.8	10.1	14.6	10.9	3.8	-5.4	-19.5	-21.4	-9.8
26	-32.8	-28.9	-19.8	-7.0	4.3	9.9	15.6	12.1	7.8	-3.9	-19.8	-23.3	-8.0
27	-32.8	-31.5	-21.1	-4.4	4.1	8.4	13.8	9.0	3.5	-4.3	-18.4	-21.4	-8.1
28	-33.8	-33.5	-23.0	-3.9	0.3	8.5	12.3	12.9	3.1	-3.1	-20.7	-21.0	-9.7
29	-35.8	-31.3	-18.7	-5.1	3.5	9.3	13.3	12.3	...	...	...	...	...
30	...	...	...	-4.4	8.5	8.2	14.7	11.9	3.0	-5.3	-21.8	-20.8	...
31	-37.3	-37.3	-20.7	-7.6	3.5	9.0	14.9	11.3	5.8	-3.8	-19.4	-22.1	-7.7
32	-38.0	-33.7	-20.1	-4.9	1.0	8.4	14.0	10.9	5.8	-5.3	-19.8	-21.1	-8.5
33	-27.6	-23.8	-17.3	-7.4	1.2	8.3	14.9	11.8	3.3	-4.0	-23.1	-23.4	-8.0
34	-38.5	-35.8	-25.0	-4.7	8.5	9.5	13.4	11.5	4.9	-7.1	-22.1	-22.5	-10.0
35	-35.5	-30.4	-22.8	-6.6	8.5	11.3	14.0	12.3	3.6	-5.7	-17.4	-17.4	-9.3
36	-34.9	-30.4	-21.1	-8.7	3.1	11.4	15.1	12.3	4.5	-3.7	-18.3	-17.6	-7.4
37	-34.3	-29.3	-19.0	-3.8	2.4	10.6	12.2	14.0	4.0	-4.0	-18.0	-20.0	-7.5
38	-34.1	-30.4	-19.3	-5.8	...	9.8	14.4	9.8	4.4	-6.1	-17.5	-20.4	...

High limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	-14.6	-9.7	5.5	18.7	27.8	33.0	32.4	31.1	23.3	14.4	3.4	-13.8	32.4
10	-13.5	-9.7	0.7	14.3	27.8	30.7	32.4	30.0	21.5	12.8	8.7	-12.3	30.7
11	-10.1	-4.5	4.9	24.3	28.1	30.8	30.9	30.0	21.5	12.8	7.1	-9.9	30.0
12	-12.0	-1.3	-0.4	11.7	26.8	32.4	32.8	35.0	20.8	11.8	-3.1	-11.7	31.4
13	-12.6	-2.8	9.4	20.0	30.0	32.4	35.4	32.8	25.8	10.6	4.8	-8.8	31.4
14	-10.8	-0.3	3.4	21.3	29.0	31.6	29.4	31.3	23.2	17.8	1.3	-12.8	31.6
15	-17.1	-1.4	-0.7	10.6	21.5	23.3	23.7	20.9	25.4	22.8	8.3	-3.8	23.7
16	-5.3	-4.5	-3.7	12.0	22.1	22.0	31.4	31.9	23.7	17.6	6.5	-10.7	31.9
17	-10.3	-7.0	7.9	18.7	22.1	31.1	32.0	32.1	22.4	12.6	-5.5	-10.8	32.0
18	-10.0	-3.8	6.4	22.1	27.6	28.6	33.4	29.8	22.7	11.3	9.5	-13.0	31.9
19	-12.9	-8.4	2.3	14.8	20.1	23.6	40.1	37.6	22.5	12.6	7.3	-5.5	40.1
20	-10.2	-7.3	13.8	22.7	22.1	33.5	29.7	29.3	22.1	11.8	1.8	-10.0	29.7
21	-8.8	-11.8	4.9	13.8	27.1	31.8	32.8	33.0	31.0	24.1	-1.0	-12.0	33.0
22	-8.0	-1.2	8.5	22.8	21.3	31.9	31.7	28.2	22.8	22.6	10.0	-11.2	31.7
23	-12.5	-2.1	6.4	22.1	27.9	28.8	33.3	32.1	24.1	13.1	-2.1	-9.3	31.6
24	-17.0	-11.9	10.0	14.9	22.5	31.6	26.9	26.3	22.5	12.4	2.0	-10.1	26.9
25	-8.9	-12.3	10.5	19.3	22.1	31.3	22.1	29.3	22.5	12.4	2.4	-2.4	29.3
26	-11.3	-4.4	0.4	22.0	22.0	31.3	31.1	32.0	24.1	17.8	6.7	-12.3	32.0
27	-14.0	-3.0	9.5	17.0	22.5	22.8	31.4	31.4	...	...	...	...	...
28	...	...	...	17.1	22.8	31.8	32.4	33.7	31.7	21.9	-1.3	-7.3	32.4
29	-14.1	-14.0	3.4	12.1	22.3	22.3	22.4	22.7	22.0	22.0	12.3	-7.4	22.4
30	-8.7	-4.5	2.8	21.0	22.9	22.6	32.3	22.4	22.4	12.3	-1.2	-2.4	22.6
31	-8.9	-1.9	3.3	12.4	22.3	31.7	31.9	22.1	31.0	22.6	8.9	-12.4	31.9
32	-12.9	-10.1	4.8	12.9	22.9	31.1	22.8	31.4	22.9	22.9	12.8	-11.0	22.9
33	-8.0	-3.4	3.3	12.9	22.7	22.1	32.1	22.8	22.7	12.4	2.4	-2.4	22.7
34	-11.8	-6.8	14.4	12.9	21.0	22.9	32.7	32.1	22.0	22.7	2.4	-12.4	22.9
35	-12.9	-2.0	-2.1	22.9	22.9	22.9	32.1	22.8	...	...	...	...	...

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

324

RESTRICTED

RESTRICTED

Hai-1g-erh

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum humidity

Mean cloud density

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	-43.1	-38.5	-34.5	-31.1	-28.1	-24.8	-17.7	10.8	7.3	-2.0	-15.3	-22.2	-32.1
11	-40.4	-35.8	-31.8	-28.4	-25.1	-21.8	-14.7	8.1	4.6	-4.7	-18.0	-24.9	-34.8
13	-38.1	-33.5	-29.5	-26.1	-22.8	-19.5	-12.4	5.4	1.9	-8.0	-20.7	-27.6	-37.5
15	-35.8	-31.2	-27.2	-23.8	-20.5	-17.2	-10.1	2.7	-0.8	-10.4	-23.1	-30.0	-40.0
17	-33.5	-28.9	-24.9	-21.5	-18.2	-14.9	-7.8	0.0	3.5	-12.8	-25.6	-32.5	-42.5
19	-31.2	-26.6	-22.6	-19.2	-15.9	-12.6	-5.5	2.2	5.9	-15.2	-28.0	-35.0	-45.0
21	-28.9	-24.3	-20.3	-16.9	-13.6	-10.3	-3.2	4.5	8.2	-17.6	-30.4	-37.4	-47.4
23	-26.6	-22.0	-18.0	-14.6	-11.3	-8.0	-0.9	6.8	10.5	-20.0	-32.8	-39.8	-49.8
25	-24.3	-19.7	-15.7	-12.3	-9.0	-5.7	1.6	9.1	12.8	-22.4	-35.2	-42.2	-52.2
27	-22.0	-17.4	-13.4	-10.0	-6.7	-3.4	3.9	11.7	15.0	-24.8	-37.6	-44.6	-54.6
29	-19.7	-15.1	-11.1	-7.7	-4.4	-1.1	6.2	14.0	17.3	-27.2	-40.0	-47.0	-57.0
31	-17.4	-12.8	-8.8	-5.4	-2.1	1.2	8.5	16.3	19.6	-29.6	-42.4	-49.4	-59.4
33	-15.1	-10.5	-6.5	-3.1	0.2	3.5	10.8	18.6	22.9	-32.0	-44.8	-51.8	-61.8
35	-12.8	-8.2	-4.2	-0.8	2.5	5.8	13.1	20.9	25.2	-34.4	-47.2	-54.2	-64.2
37	-10.5	-5.9	-1.9	1.5	4.8	8.1	15.4	23.2	27.5	-36.8	-49.6	-56.6	-66.6
39	-8.2	-3.6	0.4	3.8	7.1	10.4	17.7	25.5	29.8	-39.2	-52.0	-59.0	-69.0
1914	0.6	1.1	1.5	2.4	4.9	7.5	11.6	11.3	5.9	3.4	1.1	0.5	4.3
16	0.3	0.4	1.1	2.8	4.4	7.7	11.1	9.8	4.2	1.8	0.3	0.5	4.6
17	0.4	0.7	0.8	2.9	4.9	9.1	12.6	11.1	6.8	3.0	1.5	0.5	4.6
18	0.4	0.7	2.1	3.1	5.8	9.7	13.6	11.8	6.9	4.0	1.5	0.5	4.9
19	0.4	0.7	1.6	4.0	5.3	10.1	13.7	12.4	6.4	3.3	1.6	0.8	5.0
1935	69	72	63	56	61	58	65	70	77	61	54	60	67
36	79	90	80	66	53	59	66	77	78	66	73	75	75
37	85	88	80	66	53	58	65	77	80	71	77	81	74
38	81	81	82	68	51	57	70	74	73	70	77	81	74
40	74	76	76	63	51	65	77	78	78	58	73	79	79
1931	41	33	28	15	24	24	24	31	27	28	33	27	25
32	78	70	67	47	31	39	49	56	56	49	46	47	48
33	70	60	57	37	21	29	39	46	46	39	35	36	36
34	65	55	52	34	21	19	28	35	35	32	27	24	24
35	64	61	58	38	27	28	35	42	42	37	32	29	28
1909	2.0	4.8	6.1	7.7	8.6	8.6	7.0	6.0	4.5	3.5	2.5	2.5	2.5
11	2.5	5.5	6.8	8.5	9.5	9.5	7.5	6.5	5.0	4.0	3.0	3.0	3.0
13	1.5	3.5	4.5	6.5	7.5	7.5	6.0	5.0	4.0	3.0	2.0	2.0	2.0
15	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
17	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
19	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
21	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
23	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
25	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
27	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
29	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0
31	1.0	2.0	3.0	4.0	5.0	5.0	4.0	3.0	2.0	1.5	1.0	1.0	1.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

325

RESTRICTED

RESTRICTED

STAT

Haila-erh
海 拉 爾

Mean cloud density

Mean wind velocity

Maximum wind velocity

Rainfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1919	2.7	5.1	3.5	5.4	5.4	5.4	4.5	3.7	4.1	4.6	2.8	3.7	4.0
20	4.0	3.8	3.7	4.3	4.7	4.4	4.1	4.7	5.1	3.8	4.3	3.3	4.3
21	3.3	3.7	3.4	3.5	4.3	4.8	4.4	4.9	5.3	4.0	4.8	3.0	4.2
22	1.8	4.1	4.8	3.9	7.0	6.4	6.5	5.3	5.4	4.9	3.7	4.1	4.8
23	1.5	3.6	3.5	4.3	5.5	5.5	5.7	5.9	5.8	5.8	4.7	3.4	4.8
24	3.3	2.7	2.8	5.4	5.9	4.6	6.8	5.7	4.1	4.7	3.0	2.5	4.4
25	3.5	2.9	3.5	4.2	4.9	6.1	6.4	7.8	4.9	3.1	4.9	4.5	4.7
26	3.9	3.6	3.8	4.4	6.0	5.4	4.9	3.5	4.3	5.4	4.3	3.1	4.7
27	1.6	2.8	4.1	4.8	6.3	5.1	4.7	4.3	4.4	4.9	4.4	3.8	4.3
28	3.9	2.1	3.8	3.8	5.3	5.4	5.7	6.4	5.9	3.3	4.2	2.7	4.4
29	2.3	3.3	1.7	2.4	3.7	4.6	2.3	3.7	3.1	2.7	1.8	1.0	2.9
30	2.2	1.0	3.1	4.6	5.6	6.1	6.7	6.5	6.4	5.3	5.9	4.5	4.8
31	1.6	2.4	2.7	3.8	6.5	5.5	6.8	4.4	4.8	4.7	3.8	2.0	4.3
32	2.7	2.6	3.4	4.3	6.0	5.5	6.7	6.1	6.7	4.9	5.0	3.4	4.9
33	3.3	3.5	4.5	5.7	6.9	6.3	7.9	6.1	6.6	5.1	4.1	3.2	5.3
34	3.5	3.3	3.0	4.2	6.2	7.3	7.1	7.8	7.0	4.9	5.5	2.5	5.4
35	3.0	2.6	5.0	5.3	5.9	8.0	7.4	7.8	6.5	6.0	4.5	4.5	5.5
平均風速度 1909	1.6	2.6	3.4	4.6	4.0	3.3	2.2	1.8	2.0	2.0	2.4	1.0	2.8
10	1.1	1.3	2.8	4.1	4.0	3.5	2.6	2.5	2.8	2.3	2.5	2.3	2.9
11	2.5	3.1	3.9	4.8	4.5	3.0	2.9	3.5	3.9	3.5	3.8	2.4	3.5
12	2.5	3.5	3.0	3.8	4.5	3.0	2.9	3.5	3.9	3.5	3.8	2.4	3.5
13	1.8	2.9	2.3	4.4	3.3	2.9	3.7	3.5	2.8	2.7	3.2	1.4	2.9
14	1.6	1.5	3.2	4.1	4.0	3.4	2.4	2.1	2.3	2.3	2.6	2.0	2.4
15	1.9	2.2	2.8	3.8	3.5	2.5	2.2	2.2	2.9	2.7	2.1	2.0	2.4
16	1.5	1.6	2.1	4.3	3.3	3.3	1.8	2.1	2.2	1.5	1.0	—	—
17	1.5	1.4	2.2	3.4	2.7	—	—	—	—	—	—	—	—
18	1.8	2.4	1.8	3.9	2.7	2.6	1.9	2.0	2.3	2.7	2.3	1.7	2.3
19	1.3	1.3	2.9	3.3	4.3	2.7	2.6	2.4	2.6	2.7	3.2	1.8	2.7
20	1.6	1.5	2.8	3.8	2.8	2.5	2.5	2.7	2.1	2.3	2.6	2.3	2.6
21	1.3	1.6	1.7	4.2	3.5	2.9	2.4	2.4	2.9	2.6	2.4	2.7	2.4
22	0.6	2.0	2.0	3.5	3.4	2.6	2.1	2.0	2.9	3.7	2.4	0.9	2.4
23	1.1	1.8	2.7	3.4	3.7	2.7	1.8	2.1	2.1	2.6	1.9	1.7	2.4
24	1.4	1.0	1.4	3.1	2.9	2.4	2.2	2.3	2.0	2.8	2.7	1.4	2.3
25	0.8	1.3	1.6	3.3	2.5	2.5	2.2	1.9	1.9	2.3	1.9	0.8	2.1
26	1.6	2.2	2.2	3.4	3.1	2.3	2.4	2.2	2.3	2.7	1.7	1.4	2.6
27	1.4	0.9	1.6	4.2	3.0	2.7	2.4	2.7	2.1	2.3	2.4	1.8	2.3
28	1.6	1.8	2.6	2.8	2.8	2.5	2.9	2.1	2.1	2.7	2.2	1.4	2.3
29	1.4	2.3	2.7	2.4	2.8	2.9	2.3	2.4	2.4	3.1	2.5	1.8	2.4
30	1.7	1.0	2.1	2.9	2.8	2.7	1.6	1.9	2.0	2.9	1.7	0.8	1.9
31	0.9	1.8	1.9	4.0	4.5	3.0	3.0	3.0	2.9	3.0	2.7	0.9	2.5
32	1.3	1.3	2.4	4.8	4.3	2.9	3.0	3.0	2.9	2.9	2.5	2.4	2.6
33	1.2	2.2	1.5	3.9	3.9	2.9	3.4	3.3	3.3	2.9	2.5	2.4	2.9
34	1.4	1.5	2.1	4.2	4.1	3.4	2.8	2.7	2.6	2.9	2.2	2.2	2.8
35	1.5	1.9	2.9	3.4	3.7	3.5	3.0	2.1	2.9	3.4	2.1	2.1	2.8
最大風速度 1921	2.2	4.2	3.4	5.2	5.2	5.2	4.2	4.2	4.2	4.2	2.2	2.2	4.2
22	7.5	2.8	2.8	27.2	12.3	12.1	12.1	11.9	12.1	12.0	2.4	2.4	12.1
23	9.6	11.7	7.4	17.2	12.1	12.1	12.1	12.1	12.1	12.1	11.7	11.7	12.1
24	6.1	9.8	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	11.7	11.7	12.2
25	9.5	7.5	11.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
平均雨量 1909	1.1	2.0	2.6	2.7	12.2	2.9	12.2	2.9	2.9	2.9	2.9	2.9	2.9
10	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
11	2.5	4.2	1.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
12	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

3-6

RESTRICTED

STAT

STAT

RESTRICTED

Hai-la-erh

海拉爾

444

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1914	5.3	4.6	1.9	1.7	11.8	171.5	106.1	75.4	38.8	3.5	0.5	3.3	419.0
15	5.3	2.9	5.6	8.8	52.2	83.4	108.7	261.1	65.5	3.8	0.0	5.0	300.0
16	8.0	8.0	3.8	10.0	15.7	97.9	13.7	60.9	14.4	1.9	4.2	5.1	300.0
17	1.8	3.5	3.1	15.9	20.0	—	71.1	38.3	32.9	4.4	8.7	8.9	—
18	1.7	3.3	8.8	10.9	38.4	33.3	153.5	84.8	37.1	8.7	1.4	8.0	333.7
19	4.8	3.8	4.0	17.8	5.7	61.0	88.5	82.8	37.7	32.9	3.8	4.4	339.0
20	11.9	4.8	3.8	15.3	15.5	53.9	41.0	105.4	47.9	32.0	13.0	7.5	318.7
21	1.4	0.7	3.4	20.5	7.0	43.1	75.3	47.9	15.5	22.0	8.1	3.0	318.3
22	3.0	0.4	5.1	10.7	43.9	64.8	156.4	72.1	120.0	8.7	8.8	1.9	427.2
23	1.4	6.3	3.6	1.8	11.7	34.9	75.4	55.5	49.9	71.5	15.1	3.4	388.0
24	5.1	5.3	0.3	18.1	36.8	46.9	81.9	58.8	28.8	19.4	3.4	4.0	300.7
25	0.8	1.4	4.1	1.9	20.0	28.3	120.0	55.8	23.3	4.7	3.1	12.0	312.9
26	3.0	3.8	0.5	1.1	18.8	31.1	40.1	72.0	80.9	10.1	2.8	4.9	308.1
27	0.5	1.0	8.9	13.8	49.1	11.5	73.9	28.7	35.5	17.7	10.8	1.8	347.1
28	11.7	6.5	5.5	10.8	5.4	28.7	37.3	73.6	112.2	1.5	4.8	4.7	333.7
29	5.8	6.9	1.7	3.9	10.0	53.9	155.3	131.1	—	—	—	—	—
30	—	—	—	3.5	28.6	45.1	27.7	52.7	52.7	—	—	—	—
31	3.3	5.9	4.3	4.5	41.8	69.6	77.1	130.4	63.2	37.1	8.0	2.5	443.8
32	9.1	4.3	8.5	8.3	21.8	43.1	264.3	77.0	32.3	10.9	3.8	3.1	474.7
33	0.1	5.0	1.0	5.5	11.1	20.9	44.0	50.6	4.5	3.8	8.7	2.6	119.5
34	3.9	4.6	3.2	10.7	35.3	62.2	65.8	41.8	27.7	5.4	8.1	2.5	269.1
35	3.8	10.1	1.4	16.4	15.8	36.8	115.0	129.7	32.2	8.8	1.2	3.1	376.9
36	6.9	2.8	1.0	49.3	35.6	44.9	105.0	128.5	41.3	35.4	9.3	3.1	466.4
37	2.5	0.7	4.4	14.1	14.7	45.9	14.1	50.1	18.5	14.9	9.4	3.9	311.2
38	4.8	2.6	9.0	31.8	—	64.8	105.8	44.6	70.9	6.4	4.7	2.8	—
1909	0.4	1.6	1.2	1.7	3.8	5.5	36.4	16.2	24.0	5.7	2.1	1.3	36.4
10	0.8	1.6	1.3	1.5	5.9	27.0	27.6	37.5	23.2	5.8	1.4	0.3	37.5
11	2.5	0.8	1.5	10.8	4.4	35.9	14.6	37.8	8.1	1.8	1.4	1.8	37.8
12	1.1	2.1	0.5	1.3	18.2	13.5	18.7	15.0	6.4	3.3	1.0	0.4	21.0
13	1.1	0.4	2.6	3.7	0.0	3.9	21.9	9.1	14.7	0.7	3.5	2.1	21.9
14	1.2	2.4	1.1	0.8	5.7	51.4	38.3	18.2	10.1	3.1	5.8	1.7	51.4
15	1.0	1.5	2.4	3.1	17.4	7.7	20.7	8.9	30.1	3.4	0.2	1.7	20.7
16	2.6	5.5	1.8	12.6	15.4	18.6	20.4	19.7	9.3	1.2	3.7	2.4	20.4
17	0.5	3.8	1.5	7.4	0.0	—	14.0	10.5	20.5	2.0	1.5	1.1	20.5
18	1.0	0.9	5.9	10.4	17.6	7.6	31.8	21.6	16.1	1.5	0.8	0.7	31.8
19	1.2	0.9	2.0	5.9	3.8	37.6	11.9	28.3	11.4	11.9	1.5	0.9	37.6
20	3.3	3.1	1.5	7.8	4.0	18.5	17.5	22.9	18.9	22.1	2.0	2.2	22.9
21	0.4	0.6	3.3	4.4	5.0	10.3	40.4	15.6	11.8	12.2	2.6	2.1	40.4
22	3.0	4.8	2.4	4.9	10.2	22.6	50.1	44.5	13.5	8.8	3.0	0.6	50.1
23	1.0	1.8	1.2	1.1	7.8	4.8	14.9	19.4	11.1	3.0	4.7	0.8	19.4
24	1.2	2.9	0.1	7.3	12.2	14.3	19.9	19.4	18.9	22.2	1.4	1.7	19.9
25	0.5	0.8	2.2	1.5	9.7	10.2	33.0	21.0	9.3	2.5	2.8	4.9	33.0
26	0.7	1.9	0.3	0.8	9.0	15.1	12.8	12.2	15.2	6.4	1.8	1.8	12.8
27	0.3	0.8	2.8	5.8	23.7	3.5	34.5	12.3	28.2	6.1	4.9	0.7	34.5
28	2.2	2.1	2.5	17.8	1.7	18.1	22.5	14.5	42.4	0.5	1.8	7.8	42.4
29	3.9	3.3	1.0	2.8	2.8	9.8	33.7	20.6	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—
31	0.9	3.3	2.4	3.7	14.0	14.7	34.0	40.0	14.1	22.1	0.8	1.6	34.0
32	2.2	2.2	2.4	6.6	13.2	15.3	60.9	18.0	8.1	3.3	1.4	1.2	60.9
33	0.1	2.0	1.0	1.8	—	—	—	—	—	—	—	—	—
34	0.8	1.7	1.1	4.8	18.2	14.4	18.7	17.0	18.8	2.3	2.2	0.8	18.7
35	2.8	6.5	0.4	4.9	7.3	4.1	21.2	27.1	13.1	1.1	1.0	1.0	27.1
36	3.2	0.9	0.6	3.4	27.3	10.3	42.8	62.1	19.3	12.2	4.5	0.6	62.1
37	0.7	0.5	1.8	5.3	3.4	9.1	27.7	11.8	24.7	6.2	3.7	1.0	27.7
1911	211.8	222.3	222.6	222.6	222.6	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1
1912	154.0	210.0	222.6	222.6	222.6	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1
1913	154.1	222.6	222.6	222.6	222.6	222.1	222.1	222.1	222.1	222.1	222.1	222.1	222.1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the

East Asia Research Institute, February 1942

STAT

325

RESTRICTED

RESTRICTED

Hai-la-erh

海拉爾

447

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temperature

Minimum earth temp.

Ground level temp.

Underground temp.

Underground temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1938	183.9	193.6	285.9	299.2	264.4	268.6	281.4	218.8	186.2	202.8	180.5	166.4	2471.1
39	154.4	210.5	246.0	298.6	215.9	258.0	288.7	218.8	185.2	202.8	183.2	151.8	2292.5
40	141.2	207.9	252.7	243.5	244.4	244.4	248.2	248.2	248.2	248.2	248.2	248.2	248.2
日 照 率	79	78	79	83	65	73	58	77	76	64	71	61	71
38	60	72	80	59	59	62	56	66	67	66	61	75	65
37	67	71	80	70	58	61	56	56	53	67	70	70	64
36	68	68	78	61	56	56	59	48	50	63	48	65	69
35	61	74	68	72	67	54	55	51	57	58	67	60	62
蒸 發 量	15.9	21.6	54.1	154.0	291.9	543.8	290.6	285.8	104.6	106.7	18.1	12.0	1700.4
38	9.4	6.0	16.7	120.6	237.1	272.8	209.8	210.6	150.5	93.3	11.9	13.7	1395.5
37	9.0	13.0	35.6	128.6	215.0	282.7	246.4	191.9	115.5	75.9	40.1	17.1	1394.5
36	12.8	10.9	68.4	143.3	213.0	252.6	219.0	157.0	97.8	65.9	24.8	15.1	1312.8
35	15.9	18.6	48.9	120.8	197.2	187.3	200.8	171.0	111.8	73.5	24.6	15.8	1182.2
40	11.2	20.0	50.6	99.0	205.8	168.3	165.6	139.4	98.9	25.7	12.9	...	...
蒸 發 日 量	1.3	1.6	3.9	10.5	20.0	22.1	14.5	22.5	10.4	7.3	1.0	0.7	22.5
38	(1.2)	(0.4)	3.3	7.8	18.3	(15.2)	11.1	(11.0)	(10.2)	8.0	1.3	0.7	18.3
37	0.7	0.8	2.4	(7.3)	12.0	17.7	14.6	9.6	8.2	(7.6)	3.4	0.9	17.7
36	0.6	1.3	4.6	7.5	13.6	15.7	11.7	9.4	4.8	4.7	2.0	1.0	15.7
35	1.0	1.6	2.5	7.4	11.8	10.0	11.0	10.6	6.1	4.7	1.8	1.4	11.8
平 均 最 低 地 温	-29.0	-26.3	-19.2	-9.2	0.1	6.0	12.3	7.9	-1.3	-7.4	-26.0	-24.7	-10.6
38	-21.2	-27.6	-29.3	-5.7	1.2	7.3	11.7	6.7	2.1	-10.0	-25.3	-24.1	-12.7
37	-20.3	-24.9	-11.9	-7.5	0.5	9.3	12.2	10.7	1.8	-8.9	-20.9	-25.5	-12.2
36	-29.9	-25.3	-18.2	-4.8	0.9	6.3	12.8	10.7	2.1	-7.7	-22.6	-27.3	-10.7
35	-29.3	-24.9	-22.9	-5.5	-1.2	8.1	13.9	11.0	0.7	-10.1	-22.2	-26.6	-11.0
40	-29.1	-26.8	-21.8	-7.4	...	6.7	11.6	6.3	1.0	-10.0	-20.8	-21.4	...
最 低 地 温	-45.2	-42.2	-36.3	-21.7	-10.1	0.5	2.2	3.6	-2.0	-20.0	-36.1	-34.1	-22.2
38	-45.2	-45.6	-35.4	-19.3	...	-1.7	6.6	0.9	-2.9	-22.7	-36.4	-32.7	...
40	-45.2	-45.6	-35.4	-19.3	...	-1.7	6.6	0.9	-2.9	-22.7	-36.4	-32.7	...
地 面 最 低 温	-20.8	-14.9	-8.1	1.0	11.4	20.1	24.4	22.0	14.7	3.6	-15.6	-27.1	0.9
38	-21.8	-20.7	-14.3	3.5	12.9	19.4	21.6	20.2	13.0	0.4	-14.7	-22.8	-1.2
37	-22.3	-22.1	-12.3	2.5	11.3	21.2	21.8	20.0	11.1	2.9	-12.9	-22.1	-1.1
36	-22.9	-22.2	-6.4	5.0	12.1	21.4	23.9	20.1	11.8	2.7	-10.8	-22.1	0.2
35	-22.3	-22.7	-10.6	5.2	14.5	20.3	25.1	22.6	13.0	1.9	-12.7	-19.6	0.2
40	-22.0	-23.7	-7.5	3.4	...	12.8	23.6	22.5	12.5	0.9	-12.6	-20.9	...
地 中 最 低 温 (2m)	-18.4	-14.7	-4.7	0.9	9.7	12.0	22.8	21.5	14.9	2.3	-22.1	-22.9	1.4
38	-22.3	-22.5	-15.0	2.3	11.3	12.0	21.0	20.7	16.3	2.1	-22.2	-19.9	-1.0
37	-22.0	-22.0	-12.6	2.0	11.0	20.1	21.6	19.4	11.5	2.9	-22.2	-22.2	-1.1
36	-22.7	-21.5	-7.3	4.0	11.0	12.8	22.4	19.2	11.6	2.1	-22.1	-22.2	0.2
35	-22.5	-21.3	-10.1	4.8	12.1	12.0	23.1	21.3	12.6	2.2	-22.1	-17.0	0.2
40	-22.7	-22.1	-8.6	1.1	...	12.7	21.3	22.3	12.1	2.1	-22.1	-17.4	...
地 中 最 低 温 (5m)	-12.4	-12.0	-4.1	0.4	2.0	12.3	22.1	21.2	14.8	2.7	-22.1	-22.4	1.4
38	-22.1	-22.0	-11.3	1.2	10.3	12.3	22.2	20.2	12.0	2.0	-22.1	-22.2	1.1
37	-22.1	-22.1	-12.7	0.8	10.3	12.1	22.2	19.0	11.8	2.3	-22.1	-22.2	0.2
36	-22.1	-21.2	-7.2	2.8	12.2	12.1	22.2	21.2	11.2	2.1	-22.1	-22.2	0.2
35	-22.1	-21.2	-10.8	2.8	11.2	12.1	22.1	22.1	11.1	2.1	-22.1	-22.2	0.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

328 RESTRICTED

STAT

STAT

RESTRICTED

Hai-la-erh

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Number of rainy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地中温度 (0.2m) 1935	-16.6	-12.3	-6.5	0.0	6.0	14.0	21.4	26.0	24.0	16.0	6.0	-2.0	10.0
36	-20.7	-16.1	-10.2	-3.8	2.6	10.4	17.8	22.4	20.4	12.4	2.4	-3.6	10.0
37	-20.5	-15.0	-9.0	-2.6	3.6	11.6	19.0	23.6	21.6	13.6	3.6	-2.6	10.0
38	-23.3	-18.8	-12.9	-6.5	0.5	12.5	20.0	24.6	22.6	14.6	4.6	-1.6	10.0
39	-23.3	-18.8	-12.4	-6.1	0.7	10.5	18.7	23.3	21.3	13.3	3.3	-1.3	10.0
40	-21.8	-16.4	-10.1	-3.7	1.1	11.1	18.4	23.0	21.0	13.0	3.0	-1.0	10.0
地中温度 (0.5m) 1935	-16.6	-12.8	-8.1	0.8	8.0	15.4	22.7	27.3	25.3	17.3	7.3	-1.3	10.0
36	-20.1	-15.0	-10.7	-4.3	2.5	11.1	19.7	24.3	22.3	14.3	4.3	-1.3	10.0
37	-20.4	-15.5	-11.7	-5.3	3.6	12.2	20.6	25.2	23.2	15.2	5.2	-1.2	10.0
38	-22.1	-17.5	-12.1	-5.9	1.9	12.8	20.8	25.4	23.4	15.4	5.4	-1.4	10.0
39	-22.8	-17.9	-12.5	-5.0	2.0	11.0	19.0	23.7	21.7	13.7	3.7	-1.7	10.0
40	-19.8	-17.9	-9.5	-0.8	—	14.9	18.9	24.8	22.8	14.8	4.8	-1.2	10.0
地中温度 (1.0m) 1935	-12.6	-11.1	-6.4	-1.1	4.0	10.6	19.8	24.4	22.4	14.4	4.4	-1.1	10.0
36	-16.8	-15.9	-11.7	-1.8	4.8	11.1	19.8	24.4	22.4	14.4	4.4	-1.1	10.0
37	-18.5	-16.1	-11.0	-1.3	3.8	11.1	19.9	24.3	22.3	14.3	4.3	-1.3	10.0
38	-13.6	-12.5	-7.4	-0.0	6.7	12.4	19.1	23.8	21.8	13.8	3.8	-0.7	10.0
39	-18.5	-12.5	-7.8	-0.6	5.3	11.1	19.9	23.8	21.8	13.8	3.8	-0.7	10.0
40	-11.7	-12.8	-7.8	-0.9	—	10.7	19.3	23.3	21.3	13.3	3.3	-0.5	10.0
地中温度 (2.0m) 1935	-4.4	-4.7	-3.3	-1.2	0.1	2.8	6.1	9.6	10.2	8.3	4.1	0.6	10.0
36	-3.0	-2.1	-1.3	-1.8	0.8	3.7	6.9	9.6	10.2	7.8	3.4	0.4	10.0
37	-2.1	-1.4	-0.9	-0.7	0.1	3.4	6.6	9.8	10.4	7.8	4.0	0.8	10.0
38	-4.1	-3.4	-2.9	-0.7	0.2	4.0	6.5	9.5	10.1	8.0	3.7	0.6	10.0
39	-4.4	-3.7	-3.0	-0.7	1.4	5.1	10.7	10.0	10.6	8.1	3.4	0.1	10.0
40	-3.8	-4.8	-5.6	-0.9	—	5.5	10.5	10.3	11.7	7.9	3.5	0.2	10.0
地中温度 (3.0m) 1935	-0.1	-0.5	-0.5	-0.3	-0.1	-0.1	1.8	5.4	7.6	7.3	5.3	1.6	10.0
36	1.0	0.0	-0.5	-0.4	-0.8	0.1	2.3	5.9	7.3	7.0	5.0	1.5	10.0
37	1.0	0.8	-0.3	-0.3	-0.1	0.0	2.3	5.9	7.8	7.8	5.4	1.6	10.0
38	1.0	0.8	-0.7	-0.3	-0.1	0.0	2.3	5.9	7.8	7.8	5.4	1.6	10.0
39	1.5	0.3	-0.8	-0.3	0.0	0.5	4.9	8.5	9.3	8.3	5.7	1.1	10.0
40	1.4	0.3	-0.5	-0.8	—	0.1	4.5	8.0	8.0	8.0	5.5	1.1	10.0
地中温度 (4.0m) 1935	1.3	0.9	0.8	0.7	0.6	0.6	2.1	5.2	7.8	7.8	5.8	1.8	10.0
36	0.3	1.4	1.0	0.7	0.7	0.1	1.1	3.8	5.8	5.8	3.8	1.8	10.0
37	0.8	1.4	0.9	0.7	0.8	0.4	1.6	4.8	6.8	6.8	4.8	1.8	10.0
38	0.3	1.3	0.9	0.7	0.6	0.1	1.6	4.8	6.8	6.8	4.8	1.8	10.0
39	0.0	1.4	1.0	0.7	0.6	0.2	1.6	5.8	7.8	7.8	5.8	1.8	10.0
40	0.5	1.3	0.9	0.7	—	0.5	0.5	5.4	6.9	6.8	4.8	1.8	10.0
地中温度 (5.0m) 1935	0.8	1.9	1.8	1.3	1.1	0.9	0.8	1.8	3.4	4.4	4.4	2.4	10.0
36	0.9	0.8	1.8	1.3	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.4	10.0
37	0.7	2.1	1.8	1.4	1.1	1.0	1.1	2.0	3.0	3.0	2.0	2.4	10.0
38	3.0	2.5	1.8	1.4	1.1	1.0	1.1	2.0	3.0	3.0	2.0	2.4	10.0
39	3.4	2.0	0.8	1.7	1.3	1.3	0.8	1.7	1.7	1.8	1.8	0.2	10.0
40	3.3	0.1	0.0	1.6	—	1.0	1.8	2.8	4.0	3.4	1.1	4.5	10.0
雨水日数 1935	5	8	6	6	5	20	23	21	17	8	6	6	100
36	4	7	7	7	7	20	23	21	17	8	6	6	100
37	4	6	6	6	6	20	23	21	17	8	6	6	100
38	4	6	6	6	6	20	23	21	17	8	6	6	100
39	4	6	6	6	6	20	23	21	17	8	6	6	100
40	4	6	6	6	6	20	23	21	17	8	6	6	100

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942 ()

STAT

RESTRICTED

Hai-ls-erk

Number of rainy days

Number of clear days

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
1906	9	8	4	3	4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1907	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1908	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1909	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1910	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1911	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1912	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1913	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1914	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1915	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1916	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1917	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1918	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1919	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1920	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1921	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1922	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1923	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1924	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1925	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1926	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1927	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1928	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1929	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1930	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1931	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1932	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1933	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1934	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1935	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1936	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1937	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1938	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1939	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1940	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1941	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1942	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

330 RESTRICTED

RESTRICTED

Hai-la-erh

Number of cloudy days

Number of foggy days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1909	5	6	10	7	13	9	10	7	10	4	8	4	88
1910	1	3	8	7	10	14	14	14	14	14	14	14	140
1911	3	6	7	10	14	14	14	14	14	14	14	14	140
1912	3	3	3	10	10	10	11	13	11	8	6	7	98
1913	4	6	11	9	15	15	11	8	6	8	6	6	99
1914	5	5	5	5	13	14	14	7	8	3	4	4	105
1915	3	5	5	9	13	13	12	7	3	5	4	7	105
1916	7	4	2	2	13	13	12	12	8	4	4	3	105
1917	7	4	4	5	9	11	10	7	6	4	4	3	94
1918	4	4	4	5	9	11	10	7	6	4	4	3	94
1919	4	3	3	5	6	4	5	3	3	1	1	3	36
1920	4	4	4	3	8	3	3	3	7	7	12	5	33
1921	4	4	3	3	3	3	10	10	9	9	5	3	33
1922	4	4	3	3	3	7	10	10	9	9	5	3	33
1923	4	4	3	3	3	7	10	10	9	9	5	3	33
1924	4	4	3	3	3	7	10	10	9	9	5	3	33
1925	4	4	3	3	3	7	10	10	9	9	5	3	33
1926	4	4	3	3	3	7	10	10	9	9	5	3	33
1927	4	4	3	3	3	7	10	10	9	9	5	3	33
1928	4	4	3	3	3	7	10	10	9	9	5	3	33
1929	4	4	3	3	3	7	10	10	9	9	5	3	33
1930	4	4	3	3	3	7	10	10	9	9	5	3	33
1931	4	4	3	3	3	7	10	10	9	9	5	3	33
1932	4	4	3	3	3	7	10	10	9	9	5	3	33
1933	4	4	3	3	3	7	10	10	9	9	5	3	33
1934	4	4	3	3	3	7	10	10	9	9	5	3	33
1935	4	4	3	3	3	7	10	10	9	9	5	3	33
1936	4	4	3	3	3	7	10	10	9	9	5	3	33
1937	4	4	3	3	3	7	10	10	9	9	5	3	33
1938	4	4	3	3	3	7	10	10	9	9	5	3	33
1939	4	4	3	3	3	7	10	10	9	9	5	3	33
1940	4	4	3	3	3	7	10	10	9	9	5	3	33
1941	4	4	3	3	3	7	10	10	9	9	5	3	33
1942	4	4	3	3	3	7	10	10	9	9	5	3	33

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

331 RESTRICTED

STAT

STAT

RESTRICTED

Hai-la-erh

Number of foggy days

Number of days with hail

Number of days with soft hail

Number of days without sunshine

No. of days with electrical storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1929	9	7	8	11	11	11	11	11	11	11	11	11	11
30	11	11	11	11	11	11	11	11	11	11	11	11	11
31	11	11	11	11	11	11	11	11	11	11	11	11	11
32	11	11	11	11	11	11	11	11	11	11	11	11	11
33	9	4	11	11	11	11	11	11	11	11	11	11	11
34	11	11	11	11	11	11	11	11	11	11	11	11	11
35	11	11	11	11	11	11	11	11	11	11	11	11	11
36	14	6	11	11	11	11	11	11	11	11	11	11	11
全年	11	11	11	11	11	11	11	11	11	11	11	11	11
雾日数 1929	11	11	11	11	11	11	11	11	11	11	11	11	11
10	11	11	11	11	11	11	11	11	11	11	11	11	11
11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	11	11	11	11	11	11	11	11	11	11	11	11	11
13	11	11	11	11	11	11	11	11	11	11	11	11	11
14	11	11	11	11	11	11	11	11	11	11	11	11	11
15	11	11	11	11	11	11	11	11	11	11	11	11	11
16	11	11	11	11	11	11	11	11	11	11	11	11	11
17	11	11	11	11	11	11	11	11	11	11	11	11	11
18	11	11	11	11	11	11	11	11	11	11	11	11	11
19	11	11	11	11	11	11	11	11	11	11	11	11	11
20	11	11	11	11	11	11	11	11	11	11	11	11	11
21	11	11	11	11	11	11	11	11	11	11	11	11	11
22	11	11	11	11	11	11	11	11	11	11	11	11	11
23	11	11	11	11	11	11	11	11	11	11	11	11	11
24	11	11	11	11	11	11	11	11	11	11	11	11	11
25	11	11	11	11	11	11	11	11	11	11	11	11	11
26	11	11	11	11	11	11	11	11	11	11	11	11	11
27	11	11	11	11	11	11	11	11	11	11	11	11	11
28	11	11	11	11	11	11	11	11	11	11	11	11	11
29	11	11	11	11	11	11	11	11	11	11	11	11	11
30	11	11	11	11	11	11	11	11	11	11	11	11	11
31	11	11	11	11	11	11	11	11	11	11	11	11	11
32	11	11	11	11	11	11	11	11	11	11	11	11	11
33	11	11	11	11	11	11	11	11	11	11	11	11	11
34	11	11	11	11	11	11	11	11	11	11	11	11	11
35	11	11	11	11	11	11	11	11	11	11	11	11	11
36	11	11	11	11	11	11	11	11	11	11	11	11	11
全年	11	11	11	11	11	11	11	11	11	11	11	11	11
雾日数 1929	11	11	11	11	11	11	11	11	11	11	11	11	11
37	11	11	11	11	11	11	11	11	11	11	11	11	11
38	11	11	11	11	11	11	11	11	11	11	11	11	11
39	11	11	11	11	11	11	11	11	11	11	11	11	11
40	11	11	11	11	11	11	11	11	11	11	11	11	11
全年	11	11	11	11	11	11	11	11	11	11	11	11	11
雾日数 1929	11	11	11	11	11	11	11	11	11	11	11	11	11
41	11	11	11	11	11	11	11	11	11	11	11	11	11
42	11	11	11	11	11	11	11	11	11	11	11	11	11
43	11	11	11	11	11	11	11	11	11	11	11	11	11
44	11	11	11	11	11	11	11	11	11	11	11	11	11
45	11	11	11	11	11	11	11	11	11	11	11	11	11
46	11	11	11	11	11	11	11	11	11	11	11	11	11
47	11	11	11	11	11	11	11	11	11	11	11	11	11
48	11	11	11	11	11	11	11	11	11	11	11	11	11
49	11	11	11	11	11	11	11	11	11	11	11	11	11
50	11	11	11	11	11	11	11	11	11	11	11	11	11
全年	11	11	11	11	11	11	11	11	11	11	11	11	11
雾日数 1929	11	11	11	11	11	11	11	11	11	11	11	11	11
51	11	11	11	11	11	11	11	11	11	11	11	11	11
52	11	11	11	11	11	11	11	11	11	11	11	11	11
53	11	11	11	11	11	11	11	11	11	11	11	11	11
54	11	11	11	11	11	11	11	11	11	11	11	11	11
55	11	11	11	11	11	11	11	11	11	11	11	11	11
56	11	11	11	11	11	11	11	11	11	11	11	11	11
57	11	11	11	11	11	11	11	11	11	11	11	11	11
58	11	11	11	11	11	11	11	11	11	11	11	11	11
59	11	11	11	11	11	11	11	11	11	11	11	11	11
60	11	11	11	11	11	11	11	11	11	11	11	11	11
全年	11	11	11	11	11	11	11	11	11	11	11	11	11
雾日数 1929	11	11	11	11	11	11	11	11	11	11	11	11	11
61	11	11	11	11	11	11	11	11	11	11	11	11	11
62	11	11	11	11	11	11	11	11	11	11	11	11	11
63	11	11	11	11	11	11	11	11	11	11	11	11	11
64	11	11	11	11	11	11	11	11	11	11	11	11	11
65	11	11	11	11	11	11	11	11	11	11	11	11	11
66	11	11	11	11	11	11	11	11	11	11	11	11	11
67	11	11	11	11	11	11	11	11	11	11	11	11	11
68	11	11	11	11	11	11	11	11	11	11	11	11	11
69	11	11	11	11	11	11	11	11	11	11	11	11	11
70	11	11	11	11	11	11	11	11	11	11	11	11	11
全年	11	11	11	11	11	11	11	11	11	11	11	11	11
雾日数 1929	11	11	11	11	11	11	11	11	11	11	11	11	11

STAT

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

332 RESTRICTED

RESTRICTED

Hai-la-erh

459

Number of days with electrical storms

Number of stormy days

Number of freezing days

Maximum snowfall

Year	1	2	3	4	5	6	7	8	9	10	11	12	Total
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

333 **RESTRICTED**

STAT

STAT

RESTRICTED

Ch'i-k'o-t'e

STAT

Mean barometric pressure of freezing point
 Highest barometric pressure of freezing point
 Lowest barometric pressure of freezing point
 Barometric pressure at sea level
 Mean atmospheric temperature
 Mean maximum atmospheric temperature
 Mean minimum atmospheric temperature
 High limit of atmospheric temperature
 Low limit of atmospheric temperature
 Vapor pressure
 Mean humidity
 Minimum humidity
 Mean cloud density
 Mean wind velocity
 Maximum wind velocity
 Rainfall
 Maximum rainfall per day
 Insolation capacity (in hours)
 Percentage of insolation capacity
 Evaporative capacity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
水銀氣壓 1938 平均 39	55.5 58.7	53.1 57.8	52.5 57.0	54.0 59.7	58.8 65.6	64.9 70.0	68.0 74.0	69.6 75.0	68.0 73.0	57.5 62.5	55.0 60.0	53.0 58.0	59.0 64.0
水銀氣壓 1938 最高 39	67.6	64.5	59.9	58.8	60.0	56.0	50.5	52.2	57.5	62.6	67.3	65.3	67.6
水銀氣壓 1938 最低 39	45.3	38.9	47.9	51.1	55.3	53.4	54.7	55.9	58.1	56.6	50.0	49.1	45.3
海平氣壓 1938 平均 39	66.1 68.5	62.6 67.0	61.5 66.0	52.6 58.3	51.2 54.0	51.0 50.1	51.0 52.7	54.8 55.2	57.3 58.0	60.2 61.8	64.4 65.5	66.8 65.6	58.3 59.3
平均氣溫 1938 39	-23.7 -26.5	-18.0 -21.5	-1.8 -4.3	3.5 4.1	12.1 12.0	19.3 17.3	22.5 22.2	19.5 20.3	12.1 12.7	3.4 -0.2	-10.1 -12.0	-15.4 -15.9	0.6 0.4
最高氣溫 1938 39	-16.7 -20.5	-12.0 -10.5	2.0 -0.8	9.5 11.2	18.0 18.6	25.0 22.3	27.4 27.4	24.3 26.5	17.9 19.0	9.5 5.8	-4.5 -5.8	-10.4 -15.0	6.8 6.6
最低氣溫 1938 39	-29.0 -32.0	-26.0 -25.9	-23.5 -22.3	-2.0 -3.1	6.2 5.1	14.0 12.0	18.2 17.0	15.2 14.1	7.1 6.8	-2.0 -5.4	-15.3 -18.2	-20.2 -26.5	-4.0 -5.7
最高極限 1938 39	-0.4 -9.5	-2.6 0.9	12.8 6.3	17.0 15.0	20.1 21.0	22.6 20.7	22.4 23.7	21.0 22.6	22.2 22.0	20.3 12.2	6.0 12.2	-12.4 -4.9	32.6 33.7
最低極限 1938 39	-27.6 -27.0	-27.9 -24.0	-27.5 -22.5	-9.1 -14.0	-1.0 -2.9	6.8 7.1	12.4 11.0	9.8 6.2	-2.3 -2.9	-8.4 -10.3	-24.7 -21.5	-24.8 -23.1	-17.9 -17.0
水蒸氣壓力 1938 39	0.6 0.4	0.0 0.8	2.3 2.1	2.8 3.6	6.9 6.9	11.2 11.2	15.6 15.7	13.5 13.2	8.2 8.3	4.1 3.1	1.7 1.6	0.6 -0.8	5.9 5.8
平均濕度 1938 39	81 74	82 68	72 71	65 57	65 66	72 77	82 79	81 75	77 76	69 69	76 71	74 72	75 72
最小濕度 1938 39	45 43	45 39	44 35	23 20	28 26	34 39	42 37	38 41	27 21	22 20	34 37	46 45	23 20
平均雲量 1938 39	3.5 3.4	3.9 2.5	3.7 7.1	6.6 4.7	7.4 5.9	7.1 7.2	6.6 6.4	6.8 5.4	5.9 5.9	5.2 4.8	4.1 3.7	1.7 2.9	3.2 5.0
平均風速 1938 39	1.7 1.1	2.0 1.2	2.2 2.2	2.3 2.2	2.8 2.8	2.0 2.0	1.8 2.0	1.8 1.9	2.6 2.6	2.1 2.5	1.1 2.1	2.1 2.1	2.1 2.1
最大風速 1938 39	6.7 5.8	10.5 8.0	8.3 7.1	12.2 12.2	11.8 12.3	8.9 9.3	6.7 9.7	10.0 7.2	7.3 12.3	8.3 9.5	8.1 9.5	6.7 9.8	12.2 12.2
降水量 1938 39	5.4 4.0	16.0 0.8	4.4 18.4	27.0 6.7	77.0 66.1	91.7 72.1	122.1 114.0	215.3 66.1	21.5 86.0	15.0 22.4	12.3 22.7	12.3 22.7	1.0 7.1
最大日量 1938 39	1.6 1.8	8.7 0.2	2.8 21.1	6.9 34	24.7 18.6	29.6 23.0	28.6 27.3	28.0 29.0	22.0 29.3	22.0 6.0	22.0 12.4	22.0 2.3	22.0 27.3
日照時數 1938 39	186.1	222.0	211.6	242.7	249.0	264.2	270.0	266.1	204.0	194.5	127.0	176.9	222.0
日照率 1938 39	40	52	48	60	61	62	62	60	52	48	38	48	50
蒸發量 1938 39	107	206	220	222	222	222	222	222	222	222	222	222	222

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the
 East Asia Research Institute, February 1942

334 RESTRICTED

STAT

RESTRICTED

484

Maximum evaporative capacity per day

Mean minimum earth temperature

Mean ground level temperature

Minimum earth temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Underground temperature

Number of rainy days

Number of clear days

Number of cloudy days

Number of days with hail

Number of days with soft hail

Number of days without sunshine

Number of days with electrical storms

Number of stormy days

Number of freezing days

Maximum snowfall

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
最大日量	1.1	1.3	3.4	6.5	12.8	10.5	7.9	6.6	5.7	4.0	2.8	2.7	12.0
平均	0.9	1.0	2.5	5.8	13.9	11.1	8.1	7.4	5.4	3.9	2.5	2.4	10.0
1938	-31.6	-28.9	-15.0	-7.9	2.8	10.1	16.4	13.4	3.7	-3.3	-18.9	-27.7	-7.5
1939	-34.7	-28.7	-14.0	-5.9	2.1	10.4	18.0	12.5	3.0	-7.7	-20.8	-27.9	-5.1
平均	-22.1	-18.6	-3.4	4.7	13.2	22.6	24.1	22.8	13.3	3.3	-11.5	-21.7	2.4
1938	-24.8	-18.9	-4.3	4.3	15.3	17.9	22.8	22.0	13.9	3.1	-9.9	-17.3	2.4
1939	-38.9	-35.4	-24.0	-17.5	-4.1	5.0	11.0	5.9	-4.4	-13.7	-35.0	-28.7	-24.0
0.1m	-19.8	-16.3	-5.0	1.3	10.1	17.3	22.8	20.3	14.3	1.8	-5.1	-15.8	2.4
1.0m	-19.0	-15.8	-5.2	0.5	9.0	16.0	22.0	20.3	14.7	2.9	-3.1	-11.0	2.4
3.0m	-16.9	-14.7	-5.1	0.1	7.6	14.8	20.8	19.8	14.8	4.0	-1.4	-8.9	2.4
5.0m	-14.4	-13.5	-5.4	-0.7	5.2	12.6	18.8	18.9	14.6	5.0	0.1	-4.4	2.4
1.0m	-6.7	-8.9	-4.5	-1.1	0.6	6.5	13.4	15.8	15.8	7.5	2.7	-0.7	3.2
3.0m	1.8	0.0	-0.5	-0.2	-0.1	0.1	4.6	9.4	10.3	8.6	5.5	3.3	3.4
5.0m	3.9	2.6	1.7	1.3	1.1	1.0	2.1	5.1	6.8	7.1	6.0	4.7	3.6
1.0m	4.7	3.9	3.2	2.7	2.4	2.2	2.3	3.5	4.7	5.5	5.5	5.0	3.8
3.0m	4.7	4.3	3.9	3.5	3.2	3.0	2.9	3.1	3.7	4.4	4.7	4.1	3.4
5.0m	10	6	1	11	11	14	21	16	10	8	9	8	103
1938	9	1	18	4	13	15	13	7	13	9	4	5	111
1939	10	13	9	8	5	1	2	2	3	2	13	20	85
1938	4	8	4	15	10	14	14	13	8	7	7	8	100
1939	6	3	15	7	10	13	11	7	8	9	8	3	94
1938	---	---	---	---	1	---	---	1	---	---	---	---	3
1939	---	---	---	---	1	---	---	---	---	---	---	---	3
1938	1	1	---	5	3	1	1	3	1	1	1	1	18
1939	3	---	---	---	3	---	---	---	---	---	---	---	24
1938	---	---	---	---	1	4	8	3	1	---	---	---	18
1939	---	---	---	---	1	3	2	---	---	---	---	---	8
1938	---	1	---	1	1	---	---	1	---	---	---	---	6
1939	---	---	---	3	1	---	---	---	---	---	---	---	7
1938	31	28	21	18	15	---	---	---	---	---	---	---	220
1939	31	28	21	18	15	---	---	---	---	---	---	---	220
1938	11	10	10	---	---	---	---	---	---	---	---	---	10

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

335 RESTRICTED

STAT

STAT

RESTRICTED

Man-chou-11

Barometric pressure of freezing point

Highest barometric pressure of freezing point

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1900	707.5	704.5	705.5	701.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
10	709.5	706.5	707.5	703.5	704.5	701.5	701.5	702.5	705.5	707.5	709.5	710.5	710.5
11	708.5	705.5	706.5	702.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
12	707.5	704.5	705.5	701.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
13	708.5	705.5	706.5	702.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
14	704.4	701.5	702.5	700.5	698.5	695.5	695.5	696.5	699.5	701.5	703.5	704.5	704.5
15	705.5	702.5	703.5	701.5	699.5	696.5	696.5	697.5	700.5	702.5	704.5	705.5	705.5
16	706.5	703.5	704.5	702.5	700.5	697.5	697.5	698.5	701.5	703.5	705.5	706.5	706.5
17	707.5	704.5	705.5	703.5	701.5	698.5	698.5	699.5	702.5	704.5	706.5	707.5	707.5
18	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
19	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
20	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
21	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
22	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
23	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
24	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
25	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
26	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
27	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
28	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
29	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
30	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
31	708.5	705.5	706.5	704.5	702.5	699.5	699.5	700.5	703.5	705.5	707.5	708.5	708.5
32	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
33	710.5	707.5	708.5	706.5	704.5	701.5	701.5	702.5	705.5	707.5	709.5	710.5	710.5
34	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
35	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
36	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
37	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
38	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
39	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
40	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
41	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
42	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
43	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
44	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
45	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
46	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
47	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
48	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
49	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
50	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
51	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5
52	709.5	706.5	707.5	705.5	703.5	700.5	700.5	701.5	704.5	706.5	708.5	709.5	709.5

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

336 RESTRICTED

RESTRICTED

STAT

486

Man-chou-11

Lowest barometric pressure of freezing point

Barometric pressure at sea level

Mean atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
1909	987	985	985	988	984	984	984	984	984	984	984	984
10	984	982	982	987	987	987	987	987	987	987	987	987
11	984	984	984	987	987	987	987	987	987	987	987	987
12	984	984	984	987	987	987	987	987	987	987	987	987
13	984	984	984	987	987	987	987	987	987	987	987	987
14	984	984	984	987	987	987	987	987	987	987	987	987
15	984	984	984	987	987	987	987	987	987	987	987	987
16	984	984	984	987	987	987	987	987	987	987	987	987
17	984	984	984	987	987	987	987	987	987	987	987	987
18	984	984	984	987	987	987	987	987	987	987	987	987
19	984	984	984	987	987	987	987	987	987	987	987	987
20	984	984	984	987	987	987	987	987	987	987	987	987
21	984	984	984	987	987	987	987	987	987	987	987	987
22	984	984	984	987	987	987	987	987	987	987	987	987
23	984	984	984	987	987	987	987	987	987	987	987	987
24	984	984	984	987	987	987	987	987	987	987	987	987
25	984	984	984	987	987	987	987	987	987	987	987	987
26	984	984	984	987	987	987	987	987	987	987	987	987
27	984	984	984	987	987	987	987	987	987	987	987	987
28	984	984	984	987	987	987	987	987	987	987	987	987
29	984	984	984	987	987	987	987	987	987	987	987	987
30	984	984	984	987	987	987	987	987	987	987	987	987
31	984	984	984	987	987	987	987	987	987	987	987	987
32	984	984	984	987	987	987	987	987	987	987	987	987
33	984	984	984	987	987	987	987	987	987	987	987	987
34	984	984	984	987	987	987	987	987	987	987	987	987
35	984	984	984	987	987	987	987	987	987	987	987	987
36	984	984	984	987	987	987	987	987	987	987	987	987
37	984	984	984	987	987	987	987	987	987	987	987	987
38	984	984	984	987	987	987	987	987	987	987	987	987
39	984	984	984	987	987	987	987	987	987	987	987	987
40	984	984	984	987	987	987	987	987	987	987	987	987
1910	984	984	984	987	987	987	987	987	987	987	987	987
11	984	984	984	987	987	987	987	987	987	987	987	987
12	984	984	984	987	987	987	987	987	987	987	987	987
13	984	984	984	987	987	987	987	987	987	987	987	987
14	984	984	984	987	987	987	987	987	987	987	987	987
15	984	984	984	987	987	987	987	987	987	987	987	987
16	984	984	984	987	987	987	987	987	987	987	987	987
17	984	984	984	987	987	987	987	987	987	987	987	987
18	984	984	984	987	987	987	987	987	987	987	987	987
19	984	984	984	987	987	987	987	987	987	987	987	987
20	984	984	984	987	987	987	987	987	987	987	987	987
21	984	984	984	987	987	987	987	987	987	987	987	987
22	984	984	984	987	987	987	987	987	987	987	987	987
23	984	984	984	987	987	987	987	987	987	987	987	987
24	984	984	984	987	987	987	987	987	987	987	987	987
25	984	984	984	987	987	987	987	987	987	987	987	987
26	984	984	984	987	987	987	987	987	987	987	987	987
27	984	984	984	987	987	987	987	987	987	987	987	987
28	984	984	984	987	987	987	987	987	987	987	987	987
29	984	984	984	987	987	987	987	987	987	987	987	987
30	984	984	984	987	987	987	987	987	987	987	987	987
31	984	984	984	987	987	987	987	987	987	987	987	987
32	984	984	984	987	987	987	987	987	987	987	987	987
33	984	984	984	987	987	987	987	987	987	987	987	987
34	984	984	984	987	987	987	987	987	987	987	987	987
35	984	984	984	987	987	987	987	987	987	987	987	987
36	984	984	984	987	987	987	987	987	987	987	987	987
37	984	984	984	987	987	987	987	987	987	987	987	987
38	984	984	984	987	987	987	987	987	987	987	987	987
39	984	984	984	987	987	987	987	987	987	987	987	987
40	984	984	984	987	987	987	987	987	987	987	987	987

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

337

RESTRICTED

STAT

STAT

RESTRICTED

Man-chou-Li

Mean atmospheric temperature

Mean maximum atmospheric temperature

Mean minimum atmospheric temperature

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
1926	-29.5	-24.8	-18.7	0.3	9.4	14.8	19.7	18.3	14.8	-0.2	-12.7	-21.1	-11.6
27	-29.4	-24.8	-18.8	-2.1	9.8	15.0	20.3	17.7	9.9	2.1	-12.9	-20.5	-11.2
28	-29.4	-24.1	-18.0	-2.1	9.8	15.0	19.5	17.2	9.7	2.1	-12.8	-20.7	-11.2
29	-28.8	-24.5	-18.1	-1.1	10.8	16.7	19.9	18.3	11.8	0.8	-12.6	-17.3	-11.4
30	-28.8	-24.5	-18.0	1.0	11.7	17.1	19.1	18.0	10.9	0.7	-12.6	-17.4	-11.4
1929	-28.6	-24.1	-18.3	1.7	17.8	23.6	25.4	24.1	19.6	4.1	-7.4	-18.6	-11.0
1930	-28.7	-24.3	-18.0	2.3	15.1	22.6	24.7	24.5	19.6	4.4	-7.7	-18.8	-11.0
1931	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1932	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1933	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1934	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1935	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1936	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1937	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1938	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1939	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1940	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1941	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8
1942	-28.3	-24.6	-17.9	3.8	16.6	23.3	25.5	24.4	17.8	6.7	-7.9	-18.0	-10.8

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

RESTRICTED

466

Man-chou-li

Mean minimum atmospheric temperature

High limit of atmospheric temperature

Low limit of atmospheric temperature

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1931	-24.4	-28.4	-18.4	-8.8	0.4	8.7	15.4	11.5	4.0	-5.1	-16.6	-24.6	-6.5
33	-26.7	-31.0	-19.0	-9.3	0.0	8.8	15.0	10.7	4.1	-5.0	-17.8	-24.3	-7.1
35	-24.5	-28.4	-18.0	-8.8	1.7	9.7	15.8	10.1	4.2	-5.1	-16.6	-24.6	-6.5
37	-26.0	-30.5	-18.5	-9.0	0.5	8.1	15.1	11.1	5.1	-4.4	-16.1	-24.1	-6.3
38	-26.7	-30.1	-18.7	-9.0	0.5	8.1	15.1	11.1	5.1	-4.4	-16.1	-24.1	-6.3
39	-26.0	-30.5	-18.5	-9.0	0.5	8.1	15.1	11.1	5.1	-4.4	-16.1	-24.1	-6.3
40	-26.0	-30.5	-18.5	-9.0	0.5	8.1	15.1	11.1	5.1	-4.4	-16.1	-24.1	-6.3
1900	-12.4	-6.5	3.0	13.3	20.0	23.7	25.6	22.0	11.0	1.3	5.0	-11.5	32.7
11	-11.6	-6.1	1.5	13.5	20.8	23.8	25.9	22.1	11.2	1.4	5.1	-11.6	32.8
12	-9.5	-3.7	0.5	14.9	22.7	26.9	28.1	21.3	11.3	1.5	5.2	-11.7	32.9
13	-10.8	-5.0	-1.5	16.0	24.7	28.0	29.2	21.4	11.4	1.6	5.3	-11.8	33.0
14	-12.6	-6.8	-2.5	17.1	26.7	30.0	31.3	22.5	11.5	1.7	5.4	-11.9	33.1
15	-9.8	-7.5	5.3	18.2	28.8	32.1	32.5	23.6	11.6	1.8	5.5	-12.0	33.2
16	-14.2	-11.8	5.3	19.3	30.9	34.2	33.8	24.7	11.7	1.9	5.6	-12.1	33.3
17	-7.8	-10.0	-1.7	21.1	33.1	36.3	35.1	25.8	11.8	2.0	5.7	-12.2	33.4
18	-11.1	-13.8	9.0	23.2	35.3	38.4	36.4	26.9	11.9	2.1	5.8	-12.3	33.5
19	-7.7	-10.5	-1.4	25.3	37.5	40.6	37.7	28.0	12.0	2.2	5.9	-12.4	33.6
20	-14.8	-12.0	1.8	27.4	39.7	42.8	39.0	29.1	12.1	2.3	6.0	-12.5	33.7
21	-12.3	-12.7	11.8	29.5	41.9	45.0	40.3	30.2	12.2	2.4	6.1	-12.6	33.8
22	-6.5	-9.7	8.4	31.6	44.1	47.3	41.6	31.3	12.3	2.5	6.2	-12.7	33.9
23	-9.4	-10.4	10.8	33.7	46.3	49.6	42.9	32.4	12.4	2.6	6.3	-12.8	34.0
24	-10.1	-10.5	-9.9	35.8	48.5	51.9	44.2	33.5	12.5	2.7	6.4	-12.9	34.1
25	-11.4	-8.6	2.8	37.9	50.7	54.2	45.5	34.6	12.6	2.8	6.5	-13.0	34.2
26	-8.5	-6.4	5.1	40.0	52.9	56.5	46.8	35.7	12.7	2.9	6.6	-13.1	34.3
27	-14.0	-12.2	-0.6	42.1	55.1	58.8	48.1	36.8	12.8	3.0	6.7	-13.2	34.4
28	-11.5	-10.6	14.0	44.2	57.3	61.1	49.4	37.9	12.9	3.1	6.8	-13.3	34.5
29	-	-	-	46.3	59.5	63.4	50.7	39.0	13.0	3.2	6.9	-13.4	34.6
30	-	-	-	48.4	61.7	65.7	52.0	40.1	13.1	3.3	7.0	-13.5	34.7
31	-18.8	-9.6	5.3	50.5	63.9	68.0	53.3	41.2	13.2	3.4	7.1	-13.6	34.8
32	-8.0	-	15.9	52.6	66.1	70.3	54.6	42.3	13.3	3.5	7.2	-13.7	34.9
33	-15.8	-12.9	14.8	54.7	68.3	72.6	55.9	43.4	13.4	3.6	7.3	-13.8	35.0
34	-17.6	-8.8	0.5	56.8	70.5	74.9	57.2	44.5	13.5	3.7	7.4	-13.9	35.1
37	-12.9	-6.0	-1.3	58.9	72.7	77.2	58.5	45.6	13.6	3.8	7.5	-14.0	35.2
38	-12.8	-6.9	14.0	61.0	74.9	79.5	59.8	46.7	13.7	3.9	7.6	-14.1	35.3
39	-11.5	-4.0	0.3	63.1	77.1	81.8	61.1	47.8	13.8	4.0	7.7	-14.2	35.4
1900	-41.8	-23.0	-20.0	-6.6	-7.5	-4.1	5.6	4.0	-2.8	-16.6	-25.9	-32.3	-14.3
11	-41.3	-22.3	-19.3	-7.1	-7.2	-3.7	5.9	4.3	-2.9	-16.7	-26.0	-32.4	-14.4
12	-40.6	-21.6	-18.6	-7.6	-6.8	-3.2	6.2	4.6	-3.0	-16.8	-26.1	-32.5	-14.5
13	-39.9	-20.9	-17.9	-8.1	-6.5	-2.5	6.5	4.9	-3.1	-16.9	-26.2	-32.6	-14.6
14	-39.2	-20.2	-17.2	-8.6	-6.2	-1.8	6.8	5.2	-3.2	-17.0	-26.3	-32.7	-14.7
15	-38.5	-19.5	-16.5	-9.1	-5.9	-1.1	7.1	5.5	-3.3	-17.1	-26.4	-32.8	-14.8
16	-37.8	-18.8	-15.8	-9.6	-5.6	-0.4	7.4	5.8	-3.4	-17.2	-26.5	-32.9	-14.9
17	-37.1	-18.1	-15.1	-10.1	-5.3	0.3	7.7	6.1	-3.5	-17.3	-26.6	-33.0	-15.0
18	-36.4	-17.4	-14.4	-10.6	-5.0	1.0	8.0	6.4	-3.6	-17.4	-26.7	-33.1	-15.1
19	-35.7	-16.7	-13.7	-11.1	-4.7	1.7	8.3	6.7	-3.7	-17.5	-26.8	-33.2	-15.2
20	-35.0	-16.0	-13.0	-11.6	-4.4	2.4	8.6	7.0	-3.8	-17.6	-26.9	-33.3	-15.3
21	-34.3	-15.3	-12.3	-12.1	-4.1	3.1	8.9	7.3	-3.9	-17.7	-27.0	-33.4	-15.4
22	-33.6	-14.6	-11.6	-12.6	-3.8	3.8	9.2	7.6	-4.0	-17.8	-27.1	-33.5	-15.5
23	-32.9	-13.9	-10.9	-13.1	-3.5	4.5	9.5	7.9	-4.1	-17.9	-27.2	-33.6	-15.6
24	-32.2	-13.2	-10.2	-13.6	-3.2	5.2	9.8	8.2	-4.2	-18.0	-27.3	-33.7	-15.7
25	-31.5	-12.5	-9.5	-14.1	-2.9	5.9	10.1	8.5	-4.3	-18.1	-27.4	-33.8	-15.8
26	-30.8	-11.8	-8.8	-14.6	-2.6	6.6	10.4	8.8	-4.4	-18.2	-27.5	-33.9	-15.9
27	-30.1	-11.1	-8.1	-15.1	-2.3	7.3	10.7	9.1	-4.5	-18.3	-27.6	-34.0	-16.0
28	-29.4	-10.4	-7.4	-15.6	-2.0	8.0	11.0	9.4	-4.6	-18.4	-27.7	-34.1	-16.1
29	-28.7	-9.7	-6.7	-16.1	-1.7	8.7	11.3	9.7	-4.7	-18.5	-27.8	-34.2	-16.2
30	-28.0	-9.0	-6.0	-16.6	-1.4	9.4	11.6	10.0	-4.8	-18.6	-27.9	-34.3	-16.3
31	-27.3	-8.3	-5.3	-17.1	-1.1	10.1	11.9	10.3	-4.9	-18.7	-28.0	-34.4	-16.4
32	-26.6	-7.6	-4.6	-17.6	-0.8	10.8	12.2	10.6	-5.0	-18.8	-28.1	-34.5	-16.5
33	-25.9	-6.9	-3.9	-18.1	-0.5	11.5	12.5	10.9	-5.1	-18.9	-28.2	-34.6	-16.6
37	-25.2	-6.2	-3.2	-18.6	-0.2	12.2	12.8	11.2	-5.2	-19.0	-28.3	-34.7	-16.7
38	-24.5	-5.5	-2.5	-19.1	0.1	12.9	13.1	11.5	-5.3	-19.1	-28.4	-34.8	-16.8
39	-23.8	-4.8	-1.8	-19.6	0.4	13.6	13.4	11.8	-5.4	-19.2	-28.5	-34.9	-16.9
40	-23.1	-4.1	-1.1	-20.1	0.7	14.3	13.7	12.1	-5.5	-19.3	-28.6	-35.0	-17.0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute. February 1942

STAT

337

RESTRICTED

RESTRICTED

Man-chou-li

滿洲里

STAT

Low limit of atmospheric temperature

Vapor pressure

Mean humidity

Minimum humidity

Mean cloud density

Mean wind velocity

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1908	-29.1	-25.3	-21.3	-18.8	-15	-12.4	-8.6	-5.8	-2.9	-0.6	2.4	5.0	-16.1
09	-37.4	-34.5	-30.3	-26.8	-23.4	-19.4	-15.8	-12.4	-8.6	-5.8	-2.9	0.0	-26.1
30	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-40.0	-41.8	-39.1	-35.9	-32.8	-29.8	-26.8	-23.4	-19.4	-15.8	-12.4	-8.6	-31.1
32	-34.5	-36.3	-34.7	-31.1	-27.4	-23.8	-20.2	-16.6	-13.0	-9.4	-5.8	-2.2	-26.1
33	-39.6	-35.3	-31.0	-26.7	-22.4	-18.1	-13.8	-9.5	-5.2	-0.9	3.4	7.1	-21.1
34	-46.1	-41.5	-36.5	-31.6	-26.7	-21.8	-16.9	-12.0	-7.1	-2.2	2.7	7.8	-31.1
35	-36.8	-37.5	-34.8	-31.5	-28.2	-24.9	-21.6	-18.3	-15.0	-11.7	-8.4	-5.1	-26.1
36	-38.8	-33.3	-28.5	-24.0	-19.4	-14.8	-10.2	-5.6	-1.0	3.6	8.2	12.8	-21.1
37	-35.0	-33.7	-34.5	-31.0	-27.5	-24.0	-20.5	-17.0	-13.5	-10.0	-6.5	-3.0	-26.1
38	-	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	0.3	0.6	1.3	2.7	4.5	7.9	11.0	9.6	7.0	3.1	1.8	0.7	4.8
37	0.5	0.7	0.9	2.7	4.4	8.8	12.3	11.1	6.4	3.0	1.4	0.8	4.4
38	0.5	0.8	2.1	2.7	5.1	9.8	11.7	11.8	7.3	3.8	1.8	0.6	4.2
39	0.5	1.0	1.7	3.8	4.7	9.1	12.6	12.8	6.8	3.1	1.5	1.1	4.5
1936	81	77	75	60	54	58	67	83	72	67	78	80	69
37	79	81	80	59	51	50	58	72	72	81	78	80	69
38	75	80	68	44	54	57	66	79	81	82	86	87	71
39	82	87	79	58	48	64	78	73	68	82	85	89	78
40	86	90	75	53	-	-	71	69	57	77	80	84	72
1936	53	50	26	14	20	23	25	31	31	19	37	62	14
37	60	48	53	23	19	22	30	28	37	26	35	42	19
38	46	51	41	18	23	20	24	21	25	22	24	28	17
39	70	61	40	21	17	22	25	28	26	28	28	32	17
1909	1.6	3.0	3.6	4.8	6.1	5.7	7.8	5.6	5.3	4.8	4.7	3.7	4.7
10	3.4	4.3	4.4	6.7	8.2	7.8	8.6	7.9	7.8	7.7	6.8	5.5	6.6
11	6.5	5.3	6.3	7.2	8.8	8.9	8.7	7.9	7.8	7.7	6.8	5.5	6.6
12	5.3	6.9	6.3	7.4	7.8	7.8	7.3	7.8	6.6	4.8	4.8	4.2	6.7
13	2.8	3.8	3.6	5.7	5.9	7.2	7.1	6.7	6.5	3.8	5.1	4.3	5.2
14	2.9	4.3	3.6	5.0	6.7	8.0	7.6	7.6	6.5	3.9	5.8	3.8	5.6
15	4.1	5.1	5.8	6.2	7.5	7.5	7.7	7.3	6.1	5.1	3.7	3.0	4.1
16	5.5	4.1	4.1	5.0	5.7	5.8	5.8	5.8	4.5	3.8	3.0	2.2	4.2
17	3.8	2.0	2.7	3.6	3.5	4.8	5.4	5.1	3.9	4.2	3.7	2.9	4.2
18	1.8	-	-	3.4	5.7	5.0	6.5	8.2	5.7	4.8	2.7	2.2	4.2
19	2.3	3.0	2.9	4.3	4.6	4.8	5.5	6.0	3.9	4.7	3.6	2.4	4.5
20	4.0	5.2	3.6	3.8	4.9	5.9	6.6	6.4	4.1	3.8	3.8	2.8	4.2
21	2.8	1.8	2.9	3.8	3.4	3.7	4.7	4.7	4.7	4.3	2.7	1.8	4.2
22	4.8	3.6	2.3	2.3	3.7	5.1	5.1	4.6	3.7	3.4	2.8	2.2	4.5
23	1.8	2.9	3.5	3.9	4.7	6.8	6.3	6.1	5.2	4.2	3.2	2.5	4.5
24	4.1	2.1	2.0	2.8	4.5	5.1	5.7	4.8	3.3	3.8	2.6	1.8	4.2
25	2.3	2.4	2.8	3.6	4.5	5.8	6.5	6.2	5.2	4.8	4.1	3.3	4.5
26	1.9	2.1	2.2	3.9	4.8	5.5	6.2	6.2	5.2	4.8	4.1	3.3	4.5
27	2.3	2.1	2.3	3.6	4.5	5.6	6.3	6.1	5.1	4.7	4.0	3.2	4.5
28	6.0	2.8	2.3	4.3	5.3	6.0	6.7	6.1	5.1	4.7	4.0	3.2	4.5
29	2.3	4.0	2.9	4.8	6.1	7.4	6.7	7.1	5.9	4.1	3.2	2.5	4.5
30	-	-	-	-	-	-	-	-	-	-	-	-	-
31	3.8	1.3	2.0	2.6	3.8	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
32	2.4	2.6	2.2	4.1	5.4	5.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1
33	1.7	2.3	2.0	3.0	4.5	4.9	5.5	5.5	5.5	5.5	5.5	5.5	5.5
34	2.0	2.5	2.4	3.9	5.1	5.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2
35	2.2	2.5	2.5	4.2	5.4	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4
36	2.7	2.7	2.7	4.4	5.6	6.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6
37	2.9	2.9	2.9	4.6	5.8	6.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8
38	3.0	3.0	3.0	4.7	5.9	6.4	6.9	6.9	6.9	6.9	6.9	6.9	6.9
39	3.0	3.0	3.0	4.7	5.9	6.4	6.9	6.9	6.9	6.9	6.9	6.9	6.9
1936	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
37	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
38	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
39	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

340

RESTRICTED

STAT

RESTRICTED

STAT

460

Man-chou-li

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1918	3.0	3.6	4.3	5.1	5.1	5.4	5.0	5.0	5.0	5.4	6.2	5.8	5.0
19	4.1	4.0	4.8	4.7	4.7	4.8	4.5	4.5	4.5	4.5	4.7	4.7	4.5
20	3.8	3.5	3.6	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
21	3.4	4.0	3.9	4.0	4.4	4.3	3.5	3.3	3.3	3.3	3.3	3.3	3.3
22	3.5	3.3	3.5	3.5	3.7	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.5
23	3.8	3.5	3.5	4.1	4.0	4.3	3.5	3.7	3.9	4.3	4.1	3.8	3.9
24	3.4	3.4	3.4	4.1	4.1	4.1	3.7	3.0	3.1	3.9	4.1	3.8	3.9
25	3.5	3.8	4.0	4.0	4.6	4.6	3.1	4.0	4.7	4.7	5.1	4.5	4.4
26	3.4	3.3	4.3	4.0	4.0	3.7	3.1	3.4	3.1	3.1	3.1	3.1	3.1
27	3.9	3.8	3.9	5.0	3.6	3.5	3.0	3.0	3.0	3.3	3.3	3.3	3.3
28	3.3	3.8	3.5	4.3	3.5	3.1	2.7	2.3	3.1	3.5	4.1	3.8	3.8
29	3.1	3.5	3.8	3.4	3.8	2.7	2.0	2.0	3.1	3.3	3.8	3.8	3.8
30	3.3	3.3	3.3	3.7	3.8	2.4	2.4	3.1	3.1	3.0	3.4	3.4	3.4
31	3.3	3.4	2.5	3.3	3.3	2.5	2.5	3.1	4.0	5.3	4.4	5.0	3.7
32	4.6	4.7	3.0	6.6	5.7	3.9	3.3	3.1	3.1	4.1	4.4	3.8	4.4
33	3.8	4.0	4.7	4.1	4.8	4.1	4.0	3.8	4.1	4.5	4.8	4.8	4.4
34	4.4	4.4	5.0	5.7	5.0	5.5	3.5	3.1	3.1	4.1	4.5	4.5	4.5
35	4.8	4.1	5.6	5.9	7.1	4.6	3.1	4.3	4.3	4.5	3.8	4.3	4.9
36	5.1	3.1	5.8	6.6	6.2	3.8	4.0	3.4	2.3	3.7	3.9	3.3	4.3
37	4.3	3.4	4.4	6.4	7.3	3.9	3.1	2.1	2.9	3.0	3.0	2.9	2.9
38	3.3	1.4	2.1	3.7	3.5	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
39	2.1	2.0	1.9	3.9	3.1	2.3	2.0	2.4	2.5	2.5	2.5	2.1	2.5
40	1.9	1.5	2.6	4.1	3.6	3.3	2.7	2.4	2.0	2.5	2.3	2.0	2.3
41	1.6	1.7	2.6	3.2	3.3	2.9	2.4	2.5	2.3	2.5	2.3	2.3	2.5
42	7.1	7.7	9.1	12.0	12.0	10.3	8.2	10.1	7.1	10.0	8.8	7.4	10.0
43	13.7	11.3	5.3	12.8	11.5	7.8	8.4	8.5	10.3	11.9	11.5	8.9	13.7
44	7.9	6.1	9.1	13.3	20.1	14.3	17.1	11.0	10.0	11.5	9.0	7.5	20.1
45	9.7	6.8	10.7	12.8	15.0	14.8	9.8	6.9	9.8	12.1	10.0	15.0	15.0
46	0.1	0.2	2.0	2.4	2.5	7.5	20.7	26.8	77.4	2.5	1.9	1.9	20.1
47	0.4	0.5	1.2	7.3	16.7	37.0	117.6	28.7	44.3	2.2	4.8	0.4	20.1
48	1.2	0.9	3.8	6.1	6.1	27.4	65.8	67.1	30.0	1.0	0.7	1.0	20.1
49	1.8	1.0	0.0	0.1	29.9	37.0	82.0	68.1	3.3	2.1	2.1	1.0	20.1
50	0.2	0.1	0.0	8.6	19.3	25.1	64.6	47.3	17.9	0.1	4.8	2.3	15.3
51	1.4	3.8	0.7	4.8	11.4	25.4	100.0	62.4	7.4	0.0	0.0	0.0	20.1
52	4.1	0.7	1.7	1.7	30.9	25.4	87.2	25.1	25.4	1.7	0.1	0.0	20.1
53	3.5	2.0	2.1	6.2	2.9	11.2	34.1	18.4	22.3	0.5	0.7	0.1	20.1
54	0.9	0.1	0.1	7.0	18.1	20.7	116.0	22.3	11.6	0.2	0.2	0.1	20.1
55	0.0	0.0	0.0	17.0	13.9	23.9	37.4	25.4	25.4	1.4	1.4	1.4	1.4
56	2.6	0.7	4.7	0.0	5.4	2.1	42.7	77.4	25.4	4.8	0.8	0.0	15.0
57	2.9	0.1	0.0	11.1	22.3	25.4	74.0	12.3	45.0	1.7	0.4	2.4	20.1
58	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	1.1	1.8	0.0	0.7	4.4	12.3	25.4	25.4	2.5	1.8	2.2	2.2	20.1
60	0.4	2.3	7.9	0.0	0.1	29.9	124.3	25.4	25.4	1.4	1.4	1.4	1.4
61	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
62	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
63	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
64	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
65	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
66	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
67	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
68	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
69	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

Mean wind velocity

Maximum wind velocity

Rainfall

442 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

341

RESTRICTED

STAT

RESTRICTED

Man-chou-li

Rainfall

Maximum rainfall per day

Insolation capacity (in hours)

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1925	12	16	17	25	25	25	25	25	25	25	25	25	25
26	12	16	17	25	25	25	25	25	25	25	25	25	25
27	12	16	17	25	25	25	25	25	25	25	25	25	25
28	12	16	17	25	25	25	25	25	25	25	25	25	25
29	12	16	17	25	25	25	25	25	25	25	25	25	25
30	12	16	17	25	25	25	25	25	25	25	25	25	25
31	12	16	17	25	25	25	25	25	25	25	25	25	25
32	12	16	17	25	25	25	25	25	25	25	25	25	25
33	12	16	17	25	25	25	25	25	25	25	25	25	25
34	12	16	17	25	25	25	25	25	25	25	25	25	25
35	12	16	17	25	25	25	25	25	25	25	25	25	25
36	12	16	17	25	25	25	25	25	25	25	25	25	25
37	12	16	17	25	25	25	25	25	25	25	25	25	25
38	12	16	17	25	25	25	25	25	25	25	25	25	25
39	12	16	17	25	25	25	25	25	25	25	25	25	25
40	12	16	17	25	25	25	25	25	25	25	25	25	25
41	12	16	17	25	25	25	25	25	25	25	25	25	25
42	12	16	17	25	25	25	25	25	25	25	25	25	25
43	12	16	17	25	25	25	25	25	25	25	25	25	25
44	12	16	17	25	25	25	25	25	25	25	25	25	25
45	12	16	17	25	25	25	25	25	25	25	25	25	25
46	12	16	17	25	25	25	25	25	25	25	25	25	25
47	12	16	17	25	25	25	25	25	25	25	25	25	25
48	12	16	17	25	25	25	25	25	25	25	25	25	25
49	12	16	17	25	25	25	25	25	25	25	25	25	25
50	12	16	17	25	25	25	25	25	25	25	25	25	25
51	12	16	17	25	25	25	25	25	25	25	25	25	25
52	12	16	17	25	25	25	25	25	25	25	25	25	25
53	12	16	17	25	25	25	25	25	25	25	25	25	25
54	12	16	17	25	25	25	25	25	25	25	25	25	25
55	12	16	17	25	25	25	25	25	25	25	25	25	25
56	12	16	17	25	25	25	25	25	25	25	25	25	25
57	12	16	17	25	25	25	25	25	25	25	25	25	25
58	12	16	17	25	25	25	25	25	25	25	25	25	25
59	12	16	17	25	25	25	25	25	25	25	25	25	25
60	12	16	17	25	25	25	25	25	25	25	25	25	25
61	12	16	17	25	25	25	25	25	25	25	25	25	25
62	12	16	17	25	25	25	25	25	25	25	25	25	25
63	12	16	17	25	25	25	25	25	25	25	25	25	25
64	12	16	17	25	25	25	25	25	25	25	25	25	25
65	12	16	17	25	25	25	25	25	25	25	25	25	25
66	12	16	17	25	25	25	25	25	25	25	25	25	25
67	12	16	17	25	25	25	25	25	25	25	25	25	25
68	12	16	17	25	25	25	25	25	25	25	25	25	25
69	12	16	17	25	25	25	25	25	25	25	25	25	25
70	12	16	17	25	25	25	25	25	25	25	25	25	25
71	12	16	17	25	25	25	25	25	25	25	25	25	25
72	12	16	17	25	25	25	25	25	25	25	25	25	25
73	12	16	17	25	25	25	25	25	25	25	25	25	25
74	12	16	17	25	25	25	25	25	25	25	25	25	25
75	12	16	17	25	25	25	25	25	25	25	25	25	25
76	12	16	17	25	25	25	25	25	25	25	25	25	25
77	12	16	17	25	25	25	25	25	25	25	25	25	25
78	12	16	17	25	25	25	25	25	25	25	25	25	25
79	12	16	17	25	25	25	25	25	25	25	25	25	25
80	12	16	17	25	25	25	25	25	25	25	25	25	25
81	12	16	17	25	25	25	25	25	25	25	25	25	25
82	12	16	17	25	25	25	25	25	25	25	25	25	25
83	12	16	17	25	25	25	25	25	25	25	25	25	25
84	12	16	17	25	25	25	25	25	25	25	25	25	25
85	12	16	17	25	25	25	25	25	25	25	25	25	25
86	12	16	17	25	25	25	25	25	25	25	25	25	25
87	12	16	17	25	25	25	25	25	25	25	25	25	25
88	12	16	17	25	25	25	25	25	25	25	25	25	25
89	12	16	17	25	25	25	25	25	25	25	25	25	25
90	12	16	17	25	25	25	25	25	25	25	25	25	25
91	12	16	17	25	25	25	25	25	25	25	25	25	25
92	12	16	17	25	25	25	25	25	25	25	25	25	25
93	12	16	17	25	25	25	25	25	25	25	25	25	25
94	12	16	17	25	25	25	25	25	25	25	25	25	25
95	12	16	17	25	25	25	25	25	25	25	25	25	25
96	12	16	17	25	25	25	25	25	25	25	25	25	25
97	12	16	17	25	25	25	25	25	25	25	25	25	25
98	12	16	17	25	25	25	25	25	25	25	25	25	25
99	12	16	17	25	25	25	25	25	25	25	25	25	25
100	12	16	17	25	25	25	25	25	25	25	25	25	25

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

342

RESTRICTED

RESTRICTED
Man-chou-li

STAT

Mean minimum earth temp.

Minimum earth temp.

Mean ground level temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

Underground temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
平均	-26.9	-26.9	-26.1	-24.7	-22.8	-20.3	-17.4	-14.1	-10.6	-7.2	-3.9	-0.6
最高	-23.7	-23.7	-22.8	-21.2	-19.0	-16.1	-12.8	-9.1	-5.2	-1.9	1.4	4.7
最低	-33.4	-32.1	-31.1	-29.2	-26.8	-23.9	-20.3	-16.1	-11.5	-7.4	-3.3	0.0
1936	-26.7	-26.3	-25.8	-24.2	-21.8	-18.9	-15.4	-11.4	-7.1	-3.4	0.0	3.4
1937	-27.3	-26.9	-26.1	-24.5	-22.1	-19.2	-15.7	-11.7	-7.4	-3.1	0.2	3.5
1938	-26.9	-26.4	-25.6	-24.0	-21.6	-18.7	-15.2	-11.2	-6.9	-2.6	0.7	4.0
1939	-27.5	-27.1	-26.3	-24.7	-22.3	-19.4	-15.9	-11.9	-7.6	-3.3	0.1	3.6
1940	-27.7	-27.3	-26.5	-24.9	-22.5	-19.6	-16.1	-12.1	-7.8	-3.5	0.0	3.3
平均	-18.2	-18.2	-17.4	-16.0	-14.1	-11.6	-8.5	-5.0	-1.4	2.2	5.5	8.8
最高	-15.0	-15.0	-14.1	-12.5	-10.6	-8.1	-5.0	-1.4	2.2	5.5	8.8	12.1
最低	-21.4	-21.4	-20.7	-19.1	-17.2	-14.7	-11.6	-8.5	-5.0	-1.4	2.2	5.5
1936	-18.0	-17.8	-17.0	-15.4	-13.5	-11.0	-7.9	-4.8	-1.2	2.4	5.7	9.0
1937	-17.5	-17.0	-16.2	-14.6	-12.7	-10.2	-7.1	-4.0	-0.4	3.0	6.3	9.6
1938	-18.1	-17.6	-16.8	-15.2	-13.3	-10.8	-7.7	-4.6	-1.0	2.2	5.5	8.8
1939	-18.7	-18.3	-17.5	-15.9	-14.0	-11.5	-8.4	-4.9	-1.3	2.0	5.3	8.6
1940	-19.3	-18.9	-18.1	-16.5	-14.6	-12.1	-9.0	-5.9	-2.3	1.4	4.7	8.0
平均	-10.5	-10.5	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7	-10.7
最高	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3	-8.3
最低	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7	-12.7
1936	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6	-10.6
1937	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5	-10.5
1938	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4	-10.4
1939	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3	-10.3
1940	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2	-10.2
平均	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7
最高	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5
最低	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9	-7.9
1936	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8	-5.8
1937	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7	-5.7
1938	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6	-5.6
1939	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5	-5.5
1940	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4	-5.4
平均	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
最高	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
最低	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0
1936	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1
1937	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0
1938	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9
1939	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
1940	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

3 of 3

RESTRICTED

STAT

STAT

RESTRICTED

Man-chou-li

Underground
Temp.

Number of
rainy days

Number of
clear days

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
地下温度 (50m)	1936 2.6	2.1	1.8	1.1	0.7	0.5	0.5	0.5	0.7	1.6	2.1	2.5	1.4
	37 2.0	1.7	1.4	1.0	0.8	0.7	0.8	0.5	1.1	2.0	2.4	2.5	1.4
	38 2.2	1.9	1.5	1.1	0.9	0.7	0.7	0.8	1.7	2.5	2.9	2.9	1.7
	39 2.5	2.1	1.8	1.3	0.9	0.7	0.8	0.7	1.3	2.5	2.7	2.7	1.8
	40 2.4	2.0	1.6	1.3	—	—	—	—	0.8	2.8	2.4	2.9	2.8
雨水日数	1909 1	2	5	4	1	7	16	18	12	4	6	7	76
	10 2	2	4	5	1	8	16	10	9	3	4	7	82
	11 8	1	—	—	—	7	15	7	12	1	—	—	77
	12 6	5	—	—	—	10	15	17	11	1	—	—	71
	13 1	1	—	—	—	8	15	14	20	11	—	—	71
	14 5	4	3	4	2	12	12	1	5	—	—	—	73
	15 6	4	4	4	3	7	16	11	—	—	—	—	76
	16 2	—	—	—	—	9	17	10	8	—	—	—	74
	17 5	—	—	—	—	1	11	15	6	—	—	—	76
	18 —	—	—	—	—	3	15	15	18	9	—	—	83
	19 4	3	3	—	4	5	10	12	8	—	—	—	66
	20 1	4	—	—	4	14	10	16	5	3	3	—	73
	21 1	—	4	—	4	12	13	16	8	—	—	—	73
	22 2	3	—	—	—	12	10	10	14	9	3	—	53
	23 1	—	—	—	—	1	10	17	10	7	4	—	69
	24 3	1	1	6	5	9	11	13	4	4	3	—	60
	25 3	—	3	—	—	8	15	13	1	—	—	—	60
	26 1	3	1	1	2	9	8	13	14	4	1	—	60
	27 3	3	—	3	5	10	8	9	6	7	—	—	63
	28 7	3	—	—	—	10	9	10	11	—	—	—	63
	29 3	5	—	—	—	8	11	14	15	—	—	—	79
	30 —	—	—	—	—	—	—	11	15	3	—	—	—
	31 7	3	2	3	7	10	12	9	11	4	—	—	74
	32 5	2	2	3	7	12	12	12	7	3	3	—	74
	33 3	1	1	4	4	12	14	12	10	3	3	—	74
	34 3	1	1	4	4	12	14	12	10	3	3	—	74
	35 8	2	1	8	9	12	11	10	10	6	—	—	87
	36 2	5	2	2	11	15	18	14	16	8	—	—	87
	37 6	1	6	4	4	15	15	12	12	1	—	—	97
	38 8	1	6	4	4	20	11	18	8	5	—	—	97
	39 10	6	8	5	—	10	19	6	11	—	—	—	97
	40 10	6	8	5	—	10	19	6	11	—	—	—	97
晴天日数	1909 20	12	12	7	7	8	5	—	7	7	6	—	28
	10 16	7	12	7	8	5	—	—	7	7	6	—	28
	11 5	5	—	—	—	—	—	—	5	8	—	—	42
	12 4	2	4	4	6	—	—	—	4	5	—	—	45
	13 13	9	10	4	6	—	—	—	1	5	—	—	59
	14 10	7	6	9	1	1	—	—	3	10	—	—	66
	15 9	5	5	3	2	—	—	—	1	10	—	—	66
	16 13	7	9	10	4	1	—	—	4	7	—	—	83
	17 11	19	15	5	3	—	—	—	8	12	—	—	83
	18 20	—	—	10	5	—	—	—	5	12	—	—	112
	19 18	10	15	10	3	—	—	—	8	8	—	—	121
	20 12	10	15	10	7	—	—	—	8	11	—	—	120
	21 13	10	15	10	9	—	—	—	8	11	—	—	120
	22 17	12	17	14	4	—	—	—	9	11	—	—	129
	23 13	14	16	11	7	—	—	—	4	10	—	—	129
	24 9	11	16	10	8	—	—	—	7	12	—	—	121
	25 12	12	14	12	8	—	—	—	8	12	—	—	122
	26 12	12	14	12	8	—	—	—	8	12	—	—	122
	27 12	12	14	12	8	—	—	—	8	12	—	—	122
	28 13	16	16	10	—	—	—	—	8	12	—	—	122
	29 16	18	16	11	3	—	—	—	6	10	—	—	121
	30 17	17	17	11	3	—	—	—	6	10	—	—	121
	31 17	17	17	11	3	—	—	—	6	10	—	—	121

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

344 **RESTRICTED**

RESTRICTED

STAT

252 Ma-chou-li

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1929	18	19	8	4	4	7	4	9	10	10	10	10	10
30	18	19	8	4	4	7	4	9	10	10	10	10	10
31	18	19	8	4	4	7	4	9	10	10	10	10	10
32	18	19	8	4	4	7	4	9	10	10	10	10	10
33	18	19	8	4	4	7	4	9	10	10	10	10	10
34	18	19	8	4	4	7	4	9	10	10	10	10	10
35	18	19	8	4	4	7	4	9	10	10	10	10	10
36	18	19	8	4	4	7	4	9	10	10	10	10	10
37	18	19	8	4	4	7	4	9	10	10	10	10	10
38	18	19	8	4	4	7	4	9	10	10	10	10	10
39	18	19	8	4	4	7	4	9	10	10	10	10	10
40	18	19	8	4	4	7	4	9	10	10	10	10	10
1929	18	19	8	4	4	7	4	9	10	10	10	10	10
1930	18	19	8	4	4	7	4	9	10	10	10	10	10
1931	18	19	8	4	4	7	4	9	10	10	10	10	10
1932	18	19	8	4	4	7	4	9	10	10	10	10	10
1933	18	19	8	4	4	7	4	9	10	10	10	10	10
1934	18	19	8	4	4	7	4	9	10	10	10	10	10
1935	18	19	8	4	4	7	4	9	10	10	10	10	10
1936	18	19	8	4	4	7	4	9	10	10	10	10	10
1937	18	19	8	4	4	7	4	9	10	10	10	10	10
1938	18	19	8	4	4	7	4	9	10	10	10	10	10
1939	18	19	8	4	4	7	4	9	10	10	10	10	10
1940	18	19	8	4	4	7	4	9	10	10	10	10	10
1941	18	19	8	4	4	7	4	9	10	10	10	10	10
1942	18	19	8	4	4	7	4	9	10	10	10	10	10
1943	18	19	8	4	4	7	4	9	10	10	10	10	10
1944	18	19	8	4	4	7	4	9	10	10	10	10	10
1945	18	19	8	4	4	7	4	9	10	10	10	10	10
1946	18	19	8	4	4	7	4	9	10	10	10	10	10
1947	18	19	8	4	4	7	4	9	10	10	10	10	10
1948	18	19	8	4	4	7	4	9	10	10	10	10	10
1949	18	19	8	4	4	7	4	9	10	10	10	10	10
1950	18	19	8	4	4	7	4	9	10	10	10	10	10

Number of clear days

Number of cloudy days

Number of foggy days

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

345

RESTRICTED

STAT

RESTRICTED

Man-chou-li

406

Number of foggy days

Number of days with hail

Number of days with soft hail

Number of days without sunshine

Number of days with electrical storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	0	0	0	0	0	0
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	0	0	0	0	0	0
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

346

RESTRICTED

STAT

STAT

RESTRICTED

STAT

Man-chou-11

No. of days with electrical storms

Number of stormy days

Maximum snowfall

Number of freezing days

No. of days with yellow dust storms

No. of days with dust storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
1937													
38													
39													
40													
41													
42													
43													
44													
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

347

RESTRICTED

STAT

RESTRICTED

Hei-ho 河

Barometric pressure of freezing point

Highest barometric pressure of freezing point

Lowest barometric pressure of freezing point

Mean barometric pressure at sea level

Mean atmospheric temp.

Mean maximum atmospheric temp.

Mean minimum atmospheric temp.

High limit of atmospheric temp.

Low limit of atmospheric temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	全年
冰點氣壓 (+700mm)	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
最高氣壓 (+700mm)	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
最低氣壓 (+700mm)	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
平均氣壓 (+700mm)	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
平均氣溫	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
最高氣溫	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
最低氣溫	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
最高氣溫	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
最低氣溫	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

STAT

348
RESTRICTED

RESTRICTED

480

Hei-ho

Vapor pressure
Mean humidity
Minimum humidity
Mean cloud density
Mean wind velocity
Maximum wind velocity
Rainfall
Maximum rainfall per day
Insolation capacity (in hours)

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月
水汽張力 1935	0.7	1.3	1.7	2.9	5.7	10.8	13.9	13.1	8.4	4.7	1.4	0.6
	0.5	0.9	1.3	3.3	6.4	10.6	14.1	9.5	3.5	1.3	0.7	1.4
	0.8	1.0	1.3	3.0	6.3	11.3	14.0	10.3	5.0	1.5	0.8	1.5
	0.5	1.2	1.4	3.9	6.8	12.3	16.1	13.3	8.3	3.1	1.8	0.9
平均濕度 1935	70	74	64	55	61	66	66	70	74	73	73	71
	80	77	70	64	66	61	60	65	70	70	77	76
	37	71	76	65	57	67	78	80	81	82	78	75
	39	83	80	80	81	81	79	72	72	65	71	79
最小濕度 1935	47	39	14	14	24	34	36	37	33	22	45	49
	53	47	34	26	25	35	45	52	50	39	25	25
	37	42	38	26	25	33	32	34	40	36	24	23
	39	58	54	52	24	26	37	30	27	30	31	32
平均雲量 1935	2.3	3.2	3.9	6.3	6.9	6.8	5.9	6.8	5.7	6.7	3.8	3.1
	4.9	4.7	3.3	5.0	7.0	6.3	7.5	6.5	6.1	5.7	4.7	5.5
	3.0	2.0	2.5	4.1	5.4	5.8	7.4	6.3	5.8	5.0	3.8	4.9
	3.8	3.5	3.7	2.7	6.1	6.6	7.2	7.0	6.8	6.2	4.0	3.9
平均風速 1935	1.3	1.8	2.4	2.9	3.0	1.9	1.8	2.2	2.3	2.6	1.6	1.4
	2.1	1.8	2.3	2.5	2.1	2.7	2.0	1.9	1.9	2.4	1.9	2.1
	3.7	1.1	1.5	2.0	3.3	3.3	2.9	2.8	2.3	2.0	1.9	1.8
	3.8	1.8	2.8	2.3	3.7	3.3	2.2	1.8	1.7	1.8	1.5	1.3
最大風速 1935	7.4	7.8	9.0	16.4	25	20	23	23	22	22	22	21
	8.8	6.6	9.3	12.7	9.8	8.9	7.3	6.9	6.8	6.8	6.9	7.1
	7.8	7.1	12.7	14.8	10.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2
	7.5	6.1	8.6	14.3	12.5	9.8	7.3	6.5	6.0	5.1	5.5	5.5
降雨量 1935	0.6	1.8	1.0	17.9	44.0	55.4	61.3	143.8	122.8	78.6	20.1	2.2
	6.2	3.5	10.4	23	20.9	34.0	49.8	121.1	78.6	19.8	12.7	4.7
	2.8	12.0	3.4	2.0	6.3	9.9	15.8	22.8	72.8	12.6	7.7	2.5
	3.9	5.4	10.1	4.1	15.8	19.3	22.1	26.1	32.9	49.7	10.8	2.1
最大日量 1935	0.3	1.6	0.6	11.7	18.0	18.0	21.1	21.1	21.1	21.1	21.1	21.1
	1.3	0.9	7.8	1.8	8.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3
	1.5	0.1	3.3	1.0	2.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1
	1.4	0.1	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
日照時數 1935	202.1	221.8	294.2	281.1	251.2	221.1	211.1	211.1	211.1	211.1	211.1	211.1
	177.4	217.9	274.2	281.1	244.2	221.1	211.1	211.1	211.1	211.1	211.1	211.1
	182.1	217.9	274.2	281.1	244.2	221.1	211.1	211.1	211.1	211.1	211.1	211.1
	182.1	217.9	274.2	281.1	244.2	221.1	211.1	211.1	211.1	211.1	211.1	211.1

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

349
RESTRICTED

STAT

STAT

RESTRICTED

Hei-ho

Percentage of insolation capacity

Evaporative capacity

Maximum evaporative capacity per day

Mean minimum earth temp.

Minimum earth temp.

Mean ground level temp.

Underground temp.

Underground temp.

Underground temp.

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
日照率	77	79	75	85	84	80	86	88	85	80	80	80	80
蒸发量	11.4	22.7	48.6	89.8	159.5	282.8	415.0	506.8	539.9	474.4	(18.8)	(13.1)	266.6
最大日量	0.9	1.3	2.3	5.5	9.0	9.5	10.4	8.8	7.1	5.1	0.9	0.7	10.4
平均最低地温	-30.4	-31.9	-25.6	-6.4	2.3	8.5	13.8	11.9	2.1	-4.5	-21.5	-30.8	-7.7
最低地温	-41.6	-37.4	-25.1	-14.3	-7.0	1.6	8.8	1.1	-6.4	-19.9	-29.0	-35.8	-11.6
平均地温	-27.7	-22.5	-5.4	3.8	12.6	20.5	25.0	22.3	12.6	4.1	-10.3	-20.7	2.4
地中温度 (0.1m)	-19.1	-11.9	-2.2	2.2	10.3	18.2	23.1	20.0	13.3	5.4	-0.7	-16.2	2.8
地中温度 (0.5m)	-17.0	-11.1	-2.9	0.4	7.9	15.7	20.4	19.3	12.4	6.2	-2.6	-12.9	2.8
地中温度 (1.0m)	-15.4	-8.8	-2.2	0.3	6.5	14.1	18.9	18.4	12.1	6.4	-2.7	-12.3	2.8
地中温度 (2.0m)	-14.1	-7.5	-1.1	1.1	7.0	14.7	20.3	19.2	12.1	5.7	-1.3	-12.7	2.8
地中温度 (3.0m)	-12.6	-6.1	-0.1	0.2	7.7	15.5	21.5	20.6	14.9	5.4	-2.2	-12.7	2.8
地中温度 (4.0m)	-11.4	-5.5	-0.4	0.4	8.2	16.2	22.2	21.2	15.2	6.1	-1.8	-12.7	2.8

#42 Weather Data for East Asia, Chapter V (Manchuria). Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

RESTRICTED
No. 1-hb

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年	
Underground temp. (0.5m)	1931	-12.4	-10.3	-8.1	-5.8	-3.5	-1.2	1.1	3.4	5.7	8.0	10.3	12.6	14.9
	32	-7.9	-5.7	-3.5	-1.2	1.1	3.4	5.7	8.0	10.3	12.6	14.9	17.2	
	33	-1.4	0.8	3.1	5.4	7.7	10.0	12.3	14.6	16.9	19.2	21.5	23.8	
	34	3.1	5.4	7.7	10.0	12.3	14.6	16.9	19.2	21.5	23.8	26.1	28.4	
	35	8.6	10.9	13.2	15.5	17.8	20.1	22.4	24.7	27.0	29.3	31.6	33.9	
	36	14.1	16.4	18.7	21.0	23.3	25.6	27.9	30.2	32.5	34.8	37.1	39.4	
	37	19.6	21.9	24.2	26.5	28.8	31.1	33.4	35.7	38.0	40.3	42.6	44.9	
	38	25.1	27.4	29.7	32.0	34.3	36.6	38.9	41.2	43.5	45.8	48.1	50.4	
	39	30.6	32.9	35.2	37.5	39.8	42.1	44.4	46.7	49.0	51.3	53.6	55.9	
	40	36.1	38.4	40.7	43.0	45.3	47.6	49.9	52.2	54.5	56.8	59.1	61.4	
Underground temp. (1.0m)	1931	-5.6	-3.4	-1.2	1.1	3.4	5.7	8.0	10.3	12.6	14.9	17.2	19.5	
	32	-1.1	1.1	3.4	5.7	8.0	10.3	12.6	14.9	17.2	19.5	21.8	24.1	
	33	4.4	6.7	9.0	11.3	13.6	15.9	18.2	20.5	22.8	25.1	27.4	29.7	
	34	9.9	12.2	14.5	16.8	19.1	21.4	23.7	26.0	28.3	30.6	32.9	35.2	
	35	15.4	17.7	20.0	22.3	24.6	26.9	29.2	31.5	33.8	36.1	38.4	40.7	
	36	20.9	23.2	25.5	27.8	30.1	32.4	34.7	37.0	39.3	41.6	43.9	46.2	
	37	26.4	28.7	31.0	33.3	35.6	37.9	40.2	42.5	44.8	47.1	49.4	51.7	
	38	31.9	34.2	36.5	38.8	41.1	43.4	45.7	48.0	50.3	52.6	54.9	57.2	
	39	37.4	39.7	42.0	44.3	46.6	48.9	51.2	53.5	55.8	58.1	60.4	62.7	
	40	42.9	45.2	47.5	49.8	52.1	54.4	56.7	59.0	61.3	63.6	65.9	68.2	
Underground temp. (2.0m)	1931	1.5	-0.7	1.5	3.8	6.1	8.4	10.7	13.0	15.3	17.6	19.9	22.2	
	32	7.0	9.3	11.6	13.9	16.2	18.5	20.8	23.1	25.4	27.7	30.0	32.3	
	33	12.5	14.8	17.1	19.4	21.7	24.0	26.3	28.6	30.9	33.2	35.5	37.8	
	34	18.0	20.3	22.6	24.9	27.2	29.5	31.8	34.1	36.4	38.7	41.0	43.3	
	35	23.5	25.8	28.1	30.4	32.7	35.0	37.3	39.6	41.9	44.2	46.5	48.8	
	36	29.0	31.3	33.6	35.9	38.2	40.5	42.8	45.1	47.4	49.7	52.0	54.3	
	37	34.5	36.8	39.1	41.4	43.7	46.0	48.3	50.6	52.9	55.2	57.5	59.8	
	38	40.0	42.3	44.6	46.9	49.2	51.5	53.8	56.1	58.4	60.7	63.0	65.3	
	39	45.5	47.8	50.1	52.4	54.7	57.0	59.3	61.6	63.9	66.2	68.5	70.8	
	40	51.0	53.3	55.6	57.9	60.2	62.5	64.8	67.1	69.4	71.7	74.0	76.3	
Underground temp. (3.0m)	1931	3.9	2.6	4.9	7.2	9.5	11.8	14.1	16.4	18.7	21.0	23.3	25.6	
	32	9.4	11.7	14.0	16.3	18.6	20.9	23.2	25.5	27.8	30.1	32.4	34.7	
	33	14.9	17.2	19.5	21.8	24.1	26.4	28.7	31.0	33.3	35.6	37.9	40.2	
	34	20.4	22.7	25.0	27.3	29.6	31.9	34.2	36.5	38.8	41.1	43.4	45.7	
	35	25.9	28.2	30.5	32.8	35.1	37.4	39.7	42.0	44.3	46.6	48.9	51.2	
	36	31.4	33.7	36.0	38.3	40.6	42.9	45.2	47.5	49.8	52.1	54.4	56.7	
	37	36.9	39.2	41.5	43.8	46.1	48.4	50.7	53.0	55.3	57.6	59.9	62.2	
	38	42.4	44.7	47.0	49.3	51.6	53.9	56.2	58.5	60.8	63.1	65.4	67.7	
	39	47.9	50.2	52.5	54.8	57.1	59.4	61.7	64.0	66.3	68.6	70.9	73.2	
	40	53.4	55.7	58.0	60.3	62.6	64.9	67.2	69.5	71.8	74.1	76.4	78.7	
Underground temp. (4.0m)	1931	5.0	4.3	6.6	8.9	11.2	13.5	15.8	18.1	20.4	22.7	25.0	27.3	
	32	10.5	12.8	15.1	17.4	19.7	22.0	24.3	26.6	28.9	31.2	33.5	35.8	
	33	16.0	18.3	20.6	22.9	25.2	27.5	29.8	32.1	34.4	36.7	39.0	41.3	
	34	21.5	23.8	26.1	28.4	30.7	33.0	35.3	37.6	39.9	42.2	44.5	46.8	
	35	27.0	29.3	31.6	33.9	36.2	38.5	40.8	43.1	45.4	47.7	50.0	52.3	
	36	32.5	34.8	37.1	39.4	41.7	44.0	46.3	48.6	50.9	53.2	55.5	57.8	
	37	38.0	40.3	42.6	44.9	47.2	49.5	51.8	54.1	56.4	58.7	61.0	63.3	
	38	43.5	45.8	48.1	50.4	52.7	55.0	57.3	59.6	61.9	64.2	66.5	68.8	
	39	49.0	51.3	53.6	55.9	58.2	60.5	62.8	65.1	67.4	69.7	72.0	74.3	
	40	54.5	56.8	59.1	61.4	63.7	66.0	68.3	70.6	72.9	75.2	77.5	79.8	
Number of rainy days	1931	3	3	4	5	6	7	8	9	10	11	12	13	
	32	10	7	3	10	13	16	19	22	25	28	31	34	
	33	5	6	7	8	9	10	11	12	13	14	15	16	
	34	9	8	7	6	5	4	3	2	1	2	3	4	
	35	3	4	5	6	7	8	9	10	11	12	13	14	
	36	3	4	5	6	7	8	9	10	11	12	13	14	
Number of clear days	1931	19	11	12	13	14	15	16	17	18	19	20	21	
	32	8	10	12	14	16	18	20	22	24	26	28	30	
	33	17	15	13	11	9	8	7	6	5	4	3	2	
	34	14	13	12	11	10	9	8	7	6	5	4	3	
	35	14	13	12	11	10	9	8	7	6	5	4	3	
	36	14	13	12	11	10	9	8	7	6	5	4	3	

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

STAT

351
RESTRICTED

STAT

RESTRICTED

黑 河 Hei-ho 河

471

No. of cloudy days

No. of foggy days

No. of days with hail

No. of days with soft hail

No. of days without sunshine

No. of days with electrical storms

No. of stormy days

No. of freezing days

No. of days with yellow dust storms
No. of days with dust storms

年	一月	二月	三月	四月	五月	六月	七月	八月	九月	十月	十一月	十二月	全年
曇天日数 1935	2	2	4	10	15	9	9	18	8	16	6	5	95
36	7	6	6	7	18	18	16	14	18	10	9	7	128
37	1	5	3	12	15	10	16	9	9	7	4	3	102
38	3	5	3	12	8	18	19	14	10	10	8	4	108
39	1	3	10	8	13	20	13	11	16	11	4	3	117
40	5	5	6	15	—	13	19	7	10	8	8	7	—
曇日数 1935	6	4	6	3	1	—	4	3	3	5	8	7	56
36	9	5	4	—	—	—	—	—	—	—	—	—	36
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
霰日数 1935	—	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
霏日数 1935	—	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
不照日数 1935	—	—	—	—	—	—	—	—	—	—	—	—	—
36	4	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
電雷日数 1935	—	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
暴風日数 1935	—	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—
氷日数 1935	20	25	31	23	—	—	—	—	—	—	—	—	—
36	31	31	31	24	—	—	—	—	—	—	—	—	—
37	31	31	31	25	—	—	—	—	—	—	—	—	—
38	31	31	31	25	—	—	—	—	—	—	—	—	—
39	31	31	31	25	—	—	—	—	—	—	—	—	—
40	31	29	31	23	—	—	—	—	—	—	—	—	—
黄尘日数 1935	—	—	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—

#42 Weather Data for East Asia, Chapter V (Manchuria), Published by the East Asia Research Institute, February 1942

RESTRICTED

STAT

STAT

Page Denied