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TCS-84870/65
May 1965

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TECHNICAL PUBLICATION

FRAME EPHEMERIS AND CAMERA ORIENTATION DATA

MISSION 1018-2

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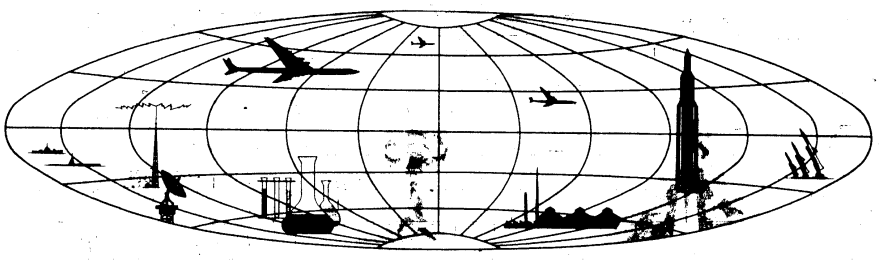

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FRAME EPHEMERIS AND CAMERA ORIENTATION DATA

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May 1965

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PREFACE

This publication contains the ephemeris for the cameras employed in Mission 1018-2. It also contains the camera attitude values of pitch and roll. The attitude given has been reduced entirely from horizon camera photography because the stellar/index system normally used to determine attitude failed after the early part of Mission 1018-1. Since Yaw is determined from the stellar/index system, it could not be determined for this mission.

For convenience, the data have been arranged in 2 parts, Part I pertaining to the forward camera unit and Part II pertaining to the aft camera unit. Within each part, the data have been arranged by photographic pass and within a given pass by frame number. Ascending (south-to-north) passes are suffixed with the letter "A," and descending (north-to-south) passes are suffixed with the letter "D."

One pass (73A) has no attitude given because there were no apparent horizon images from which attitude could be determined. Such deficiencies are indicated by the letters "ND." In addition, no aft frames have attitude values listed for them (also shown as "ND"). However, forward camera roll values can be applied directly to aft camera frames and aft camera pitch values can be determined through the following procedure:

1. Locate the forward frame with the time of exposure nearest to that of the desired aft frame.

2. Algebraically add -29 degrees 53 minutes to the listed forward pitch value and apply the result to the aft frame as its pitch value.

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DEFINITIONS

TIME DIFFERENCE - DTIM MILS - THE INTERVAL OF TIME IN MILLISECONDS BETWEEN CLOCK READINGS OF CONSECUTIVE FRAMES. CLOCK READINGS ARE DESIGNED TO BE TAKEN AT THE TIME OF EXPOSURE OF THE CENTER OF FORMAT. CONSEQUENTLY, THE TIME DIFFERENCE IS APPROXIMATELY THE SAME AS THE CAMERA CYCLE PERIOD.

CAMERA NADIR - THE GEODETIC LATITUDE AND LONGITUDE AT THE POINT OF INTERSECTION OF THE NADIR LINE AND THE HOUGH ELLIPSOID.

FORMAT CENTER - THE GEODETIC LATITUDE AND LONGITUDE OF THE CENTER OF FORMAT AS COMPUTED FROM THE CAMERA NADIR, ALTITUDE, AND CAMERA ATTITUDE AT THE TIME OF EXPOSURE. NOMINAL ATTITUDE VALUES ARE USED WHEN MEASURED VALUES ARE NOT AVAILABLE.

ALTITUDE - THE DISTANCE FROM THE VEHICLE TO THE HOUGH ELLIPSOID AT THE FOOT OF THE PERPENDICULAR.

VELOCITY - GROUND SPEED OF THE NADIR, INCLUDING EARTH ROTATION.

AZIMUTH - ANGLE OF THE GROUND TRACK WITH RESPECT TO GEODETIC COORDINATES.

YAW - TREATED AS PRIMARY ROTATION IN COMPUTATIONS. DEVIATION ABOUT THE CAMERA'S VERTICAL AXIS. PLUS YAW REPRESENTS "NOSE-LEFT" ATTITUDE AS VIEWED FROM THE TOP OF THE CAMERA.

PITCH - TREATED AS THE SECONDARY ROTATION IN COMPUTATIONS. DEVIATION ABOUT THE CAMERA'S TRANSVERSE AXIS. PLUS PITCH REPRESENTS "NOSE-UP" ATTITUDE.

ROLL - TREATED AS THE TERTIARY ROTATION IN COMPUTATIONS. DEVIATION ABOUT THE CAMERA'S LONGITUDINAL AXIS. PLUS ROLL REPRESENTS "LEFT-WING-UP" ATTITUDE.

SUN ANGLE - THE ANGLE FORMED BY THE LOCAL TANGENT PLANE AND THE RAYS OF THE SUN WITH THE VERTEX AT THE FORMAT CENTER.

SCAN RATE - THE AVERAGE ROTATIONAL VELOCITY OF THE LENS SYSTEM DURING THE SWEEP CYCLE. RADIANS PER SECOND.

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PART I

PASS 70D FWD 30MAR65

FRAME EPHEMERIS MISSION 1018-2 ID 45 LIST DATE 06MAY65 PAGE 1

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	4	51	29.014	0	76	11.47N	146	3.84E	75	48N	145	15E	647484	25023	206	38	15	13	13	42	-0	16	ND		2.047
2	4	51	32.083	3070	76	0.21N	145	40.53E	75	37N	144	53E	647159	25024	206	16	15	26	13	45	-0	15	ND		2.047
3	4	51	34.748	2665	75	50.40N	145	20.75E	75	27N	144	34E	646877	25025	205	59	15	36	13	47	-0	14	ND		2.358
4	4	51	37.264	2515	75	41.12N	145	2.48E	75	17N	144	16E	646611	25025	205	42	15	46	13	50	-0	14	ND		2.498
5	4	51	39.708	2445	75	32.08N	144	45.09E	75	8N	144	0E	646353	25026	205	26	15	56	13	52	-0	13	ND		2.570
6	4	51	42.113	2405	75	23.16N	144	28.29E	74	59N	143	44E	646098	25026	205	11	16	6	13	55	-0	11	ND		2.613
7	4	51	44.498	2385	75	14.30N	144	11.96E	74	50N	143	28E	645846	25027	204	57	16	15	13	58	-0	11	ND		2.634
8	4	51	46.873	2375	75	5.46N	143	56.00E	74	41N	143	13E	645596	25028	204	42	16	25	14	1	-0	11	ND		2.646
9	4	51	49.233	2360	74	56.66N	143	40.43E	74	32N	142	58E	645347	25028	204	29	16	34	14	3	-0	10	ND		2.662
10	4	51	51.583	2350	74	47.89N	143	25.20E	74	24N	142	44E	645099	25029	204	15	16	44	14	5	-0	10	ND		2.674
11	4	51	53.929	2345	74	39.11N	143	10.28E	74	15N	142	30E	644852	25029	204	2	16	53	14	8	-0	10	ND		2.679
12	4	51	56.273	2345	74	30.32N	142	55.62E	74	6N	142	16E	644605	25030	203	49	17	2	14	10	-0	10	ND		2.679
13	4	51	58.608	2335	74	21.55N	142	41.28E	73	57N	142	2E	644360	25030	203	36	17	12	14	12	-0	9	ND		2.691
14	4	52	0.943	2335	74	12.77N	142	27.19E	73	48N	141	49E	644114	25031	203	24	17	21	14	14	-0	9	ND		2.691
15	4	52	3.273	2330	74	3.99N	142	13.37E	73	39N	141	35E	643870	25032	203	11	17	30	14	17	-0	9	ND		2.697
16	4	52	5.599	2325	73	55.21N	141	59.81E	73	30N	141	22E	643626	25032	203	0	17	40	14	19	-0	8	ND		2.702
17	4	52	7.924	2325	73	46.43N	141	46.48E	73	21N	141	10E	643382	25033	202	48	17	49	14	22	-0	8	ND		2.702
18	4	52	10.243	2320	73	37.65N	141	33.41E	73	12N	140	57E	643139	25033	202	36	17	58	14	24	-0	8	ND		2.708
19	4	52	12.563	2320	73	28.86N	141	20.54E	73	4N	140	45E	642896	25034	202	25	18	7	14	26	-0	8	ND		2.708
20	4	52	14.879	2315	73	20.07N	141	7.91E	72	55N	140	33E	642654	25034	202	14	18	17	14	27	-0	8	ND		2.714
21	4	52	17.198	2320	73	11.26N	140	55.47E	72	46N	140	21E	642412	25035	202	3	18	26	14	29	-0	7	ND		2.708
22	4	52	19.519	2320	73	2.43N	140	43.21E	72	37N	140	9E	642170	25036	201	53	18	35	14	31	-0	7	ND		2.708
23	4	52	21.823	2305	72	53.65N	140	31.24E	72	28N	139	58E	641929	25036	201	42	18	44	14	33	-0	7	ND		2.726
24	4	52	24.134	2310	72	44.84N	140	19.42E	72	19N	139	46E	641689	25037	201	32	18	54	14	34	-0	7	ND		2.720
25	4	52	26.438	2305	72	36.04N	140	7.81E	72	10N	139	35E	641449	25037	201	22	19	3	14	36	-0	7	ND		2.726
26	4	52	28.743	2305	72	27.23N	139	56.38E	72	1N	139	24E	641209	25038	201	12	19	12	14	37	-0	7	ND		2.726
27	4	52	31.049	2305	72	18.40N	139	45.12E	71	53N	139	13E	640970	25038	201	3	19	21	14	38	-0	8	ND		2.726
28	4	52	33.349	2300	72	9.59N	139	34.06E	71	44N	139	3E	640731	25039	200	53	19	30	14	39	-0	8	ND		2.732
29	4	52	35.653	2305	72	0.75N	139	23.14E	71	35N	138	52E	640492	25040	200	44	19	39	14	40	-0	9	ND		2.726
30	4	52	37.953	2300	71	51.92N	139	12.41E	71	26N	138	42E	640254	25040	200	35	19	49	14	41	-0	9	ND		2.732
31	4	52	40.254	2300	71	43.07N	139	1.83E	71	17N	138	32E	640016	25041	200	26	19	58	14	42	-0	10	ND		2.732
32	4	52	42.549	2295	71	34.24N	138	51.43E	71	8N	138	22E	639779	25041	200	17	20	7	14	42	-0	10	ND		2.738
33	4	52	44.844	2295	71	25.40N	138	41.18E	70	59N	138	12E	639542	25042	200	9	20	16	14	43	-0	11	ND		2.738
34	4	52	47.139	2295	71	16.56N	138	31.08E	70	50N	138	2E	639305	25042	200	0	20	25	14	44	-0	12	ND		2.738
35	4	52	49.430	2291	71	7.72N	138	21.14E	70	42N	137	53E	639070	25043	199	52	20	34	14	44	-0	12	ND		2.743
36	4	52	51.720	2290	70	58.87N	138	11.34E	70	33N	137	43E	638834	25043	199	44	20	43	14	45	-0	13	ND		2.744
37	4	52	54.014	2294	70	50.00N	138	1.66E	70	24N	137	34E	638598	25044	199	36	20	52	14	46	-0	13	ND		2.739
38	4	52	56.304	2290	70	41.14N	137	52.13E	70	15N	137	25E	638363	25045	199	28	21	1	14	46	-0	14	ND		2.744
39	4	52	58.594	2290	70	32.28N	137	42.74E	70	6N	137	15E	638128	25045	199	20	21	11	14	47	-0	15	ND		2.744
40	4	53	0.879	2285	70	23.42N	137	33.49E	69	57N	137	6E	637894	25046	199	12	21	20	14	47	-0	16	ND		2.750
41	4	53	3.163	2285	70	14.56N	137	24.36E	69	48N	136	58E	637660	25046	199	5	21	29	14	48	-0	17	ND		2.750
42	4	53	5.449	2286	70	5.69N	137	15.36E	69	39N	136	49E	637427	25047	198	57	21	38	14	48	-0	18	ND		2.749
43	4	53	7.729	2279	69	56.83N	137	6.49E	69	31N	136	40E	637194	25047	198	50	21	47	14	49	-0	19	ND		2.757
44	4	53	10.009	2280	69	47.97N	136	57.74E	69	22N	136	32E	636962	25048	198	43	21	56	14	49	-0	20	ND		2.756
45	4	53	12.293	2285	69	39.08N	136	49.09E	69	13N	136	23E	636729	25048	198	36	22	5	14	49	-0	21	ND		2.750

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PASS 70D FWD 30MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	4	53	14.573	2280	69	30.20N	136	40.57E	69	4N	136	15E	636497	25049	198	29	22	14	14	50	-0	22	ND		2.756
47	4	53	16.854	2280	69	21.32N	136	32.15E	68	55N	136	7E	636266	25049	198	22	22	23	14	51	-0	22	ND		2.756
48	4	53	19.145	2291	69	12.39N	136	23.80E	68	46N	135	59E	636034	25050	198	15	22	32	14	51	-0	23	ND		2.743
49	4	53	21.425	2280	69	3.49N	136	15.60E	68	37N	135	51E	635803	25051	198	9	22	41	14	51	-0	24	ND		2.756
50	4	53	23.693	2269	68	54.63N	136	7.53E	68	28N	135	43E	635574	25051	198	2	22	50	14	52	-0	25	ND		2.769
51	4	53	25.964	2270	68	45.76N	135	59.57E	68	19N	135	35E	635344	25052	197	56	22	59	14	52	-0	27	ND		2.768
52	4	53	28.238	2275	68	36.87N	135	51.68E	68	10N	135	28E	635115	25052	197	50	23	8	14	52	-0	28	ND		2.762
53	4	53	30.514	2275	68	27.97N	135	43.89E	68	2N	135	20E	634885	25053	197	43	23	17	14	52	-0	28	ND		2.762
54	4	53	32.783	2270	68	19.09N	135	36.21E	67	53N	135	13E	634657	25053	197	37	23	26	14	52	-0	29	ND		2.768
55	4	53	35.055	2271	68	10.20N	135	28.62E	67	44N	135	5E	634430	25054	197	31	23	35	14	53	-0	29	ND		2.767
56	4	53	37.323	2269	68	1.31N	135	21.12E	67	35N	134	58E	634202	25054	197	25	23	44	14	53	-0	30	ND		2.769
57	4	53	39.594	2270	67	52.40N	135	13.71E	67	26N	134	51E	633975	25055	197	20	23	53	14	53	-0	31	ND		2.768
58	4	53	41.863	2270	67	43.50N	135	6.39E	67	17N	134	44E	633748	25055	197	14	24	2	14	54	-0	31	ND		2.768
59	4	53	44.130	2266	67	34.61N	134	59.16E	67	8N	134	37E	633521	25056	197	8	24	11	14	54	-0	32	ND		2.773
60	4	53	46.398	2269	67	25.70N	134	52.01E	66	59N	134	30E	633296	25057	197	3	24	20	14	54	-0	32	ND		2.769
61	4	53	48.663	2265	67	16.80N	134	44.95E	66	50N	134	23E	633070	25057	196	57	24	29	14	54	-0	33	ND		2.774
62	4	53	50.929	2265	67	7.89N	134	37.96E	66	41N	134	16E	632846	25058	196	52	24	38	14	54	-0	33	ND		2.774
63	4	53	53.183	2254	66	59.03N	134	31.10E	66	33N	134	10E	632622	25058	196	47	24	47	14	54	-0	34	ND		2.788
64	4	53	55.453	2271	66	50.09N	134	24.25E	66	24N	134	3E	632397	25059	196	41	24	56	14	54	-0	34	ND		2.767
65	4	53	57.719	2265	66	41.17N	134	17.50E	66	15N	133	57E	632173	25059	196	36	25	5	14	55	-0	35	ND		2.774
66	4	53	59.983	2265	66	32.25N	134	10.83E	66	6N	133	50E	631950	25060	196	31	25	14	14	55	-0	35	ND		2.774
67	4	54	2.243	2260	66	23.34N	134	4.24E	65	57N	133	44E	631727	25060	196	26	25	23	14	55	-0	35	ND		2.780
68	4	54	4.504	2260	66	14.43N	133	57.72E	65	48N	133	37E	631504	25061	196	21	25	32	14	55	-0	36	ND		2.780
69	4	54	6.764	2260	66	5.52N	133	51.27E	65	39N	133	31E	631283	25061	196	16	25	41	14	56	-0	36	ND		2.780
70	4	54	9.019	2255	65	56.62N	133	44.90E	65	30N	133	25E	631062	25062	196	12	25	50	14	56	-0	36	ND		2.786
71	4	54	11.278	2260	65	47.70N	133	38.59E	65	21N	133	19E	630841	25062	196	7	25	59	14	56	-0	37	ND		2.780
72	4	54	13.533	2255	65	38.79N	133	32.35E	65	12N	133	13E	630621	25063	196	2	26	8	14	56	-0	37	ND		2.786
73	4	54	15.788	2255	65	29.88N	133	26.18E	65	3N	133	7E	630401	25063	195	58	26	17	14	56	-0	37	ND		2.786
74	4	54	18.049	2260	65	20.94N	133	20.06E	64	54N	133	1E	630181	25064	195	53	26	26	14	56	-0	37	ND		2.780
75	4	54	20.309	2260	65	12.00N	133	14.00E	64	45N	132	55E	629962	25064	195	49	26	35	14	55	-0	37	ND		2.780
76	4	54	22.563	2255	65	3.08N	133	8.02E	64	37N	132	49E	629743	25065	195	44	26	43	14	55	-0	37	ND		2.786
77	4	54	24.813	2250	64	54.18N	133	2.11E	64	28N	132	44E	629525	25065	195	40	26	52	14	55	-0	37	ND		2.793
78	4	54	27.068	2255	64	45.25N	132	56.24E	64	19N	132	38E	629308	25066	195	36	27	1	14	54	-0	37	ND		2.786
79	4	54	29.316	2248	64	36.34N	132	50.45E	64	10N	132	32E	629091	25066	195	31	27	10	14	54	-0	37	ND		2.795
80	4	54	31.568	2252	64	27.42N	132	44.71E	64	1N	132	27E	628875	25067	195	27	27	19	14	53	-0	37	ND		2.790
81	4	54	33.818	2250	64	18.50N	132	39.03E	63	52N	132	21E	628658	25067	195	23	27	28	14	52	-0	36	ND		2.793
82	4	54	36.073	2255	64	9.56N	132	33.39E	63	43N	132	16E	628443	25068	195	19	27	37	14	51	-0	36	ND		2.786
83	4	54	38.323	2250	64	0.63N	132	27.82E	63	34N	132	11E	628227	25069	195	15	27	46	14	49	-0	35	ND		2.793
84	4	54	40.578	2255	63	51.68N	132	22.28E	63	25N	132	5E	628013	25069	195	11	27	55	14	48	-0	35	ND		2.786
85	4	54	42.823	2245	63	42.77N	132	16.83E	63	16N	132	0E	627799	25070	195	7	28	3	14	47	-0	34	ND		2.799
86	4	54	45.073	2250	63	33.84N	132	11.41E	63	8N	131	55E	627585	25070	195	3	28	12	14	46	-0	33	ND		2.793
87	4	54	47.323	2250	63	24.90N	132	6.04E	62	59N	131	50E	627372	25071	194	59	28	21	14	45	-0	32	ND		2.793
88	4	54	49.573	2250	63	15.96N	132	0.73E	62	50N	131	45E	627159	25071	194	56	28	30	14	43	-0	31	ND		2.793
89	4	54	51.819	2246	63	7.03N	131	55.47E	62	41N	131	40E	626947	25072	194	52	28	39	14	42	-0	30	ND		2.788
90	4	54	54.068	2249	62	58.09N	131	50.25E	62	32N	131	35E	626735	25072	194	48	28	48	14	40	-0	30	ND		2.794

TOP SECRET
SPECIAL HANDLING REQUIRED

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRAME EPHEMERIS MISSION 1018-2

PASS 70D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 3

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	4	54	56.314	2246	62	49.15N	131	45.08E	62	23N	131	30E	626524	25073	194	45	28	56	14	39	-0	28	ND		2.798
92	4	54	58.559	2244	62	40.22N	131	39.97E	62	14N	131	25E	626314	25073	194	41	29	5	14	37	-0	27	ND		2.800
93	4	55	0.809	2250	62	31.27N	131	34.89E	62	5N	131	20E	626103	25074	194	38	29	14	14	35	-0	26	ND		2.793
94	4	55	3.054	2245	62	22.33N	131	29.86E	61	56N	131	15E	625894	25074	194	34	29	23	14	33	-0	25	ND		2.799
95	4	55	5.299	2245	62	13.39N	131	24.88E	61	47N	131	11E	625684	25075	194	31	29	32	14	31	-0	24	ND		2.799
96	4	55	7.543	2245	62	4.44N	131	19.94E	61	39N	131	6E	625476	25075	194	27	29	40	14	30	-0	23	ND		2.799
97	4	55	9.783	2240	61	55.52N	131	15.06E	61	30N	131	1E	625269	25076	194	24	29	49	14	28	-0	22	ND		2.805
98	4	55	12.023	2240	61	46.59N	131	10.21E	61	21N	130	57E	625061	25076	194	21	29	58	14	27	-0	21	ND		2.805
99	4	55	14.269	2245	61	37.64N	131	5.40E	61	12N	130	52E	624854	25077	194	18	30	7	14	26	-0	20	ND		2.799
100	4	55	16.514	2245	61	28.68N	131	0.63E	61	3N	130	47E	624648	25077	194	14	30	16	14	25	-0	20	ND		2.799
101	4	55	18.754	2240	61	19.74N	130	55.90E	60	54N	130	43E	624442	25078	194	11	30	25	14	24	-0	20	ND		2.805
102	4	55	20.993	2240	61	10.81N	130	51.22E	60	45N	130	38E	624237	25078	194	8	30	33	14	24	-0	19	ND		2.805
103	4	55	23.238	2245	61	1.85N	130	46.57E	60	36N	130	34E	624032	25079	194	5	30	42	14	23	-0	19	ND		2.799
104	4	55	25.479	2240	60	52.90N	130	41.96E	60	27N	130	29E	623828	25079	194	2	30	51	14	22	-0	18	ND		2.805
105	4	55	27.724	2245	60	43.93N	130	37.38E	60	18N	130	25E	623624	25079	193	59	31	0	14	22	-0	18	ND		2.799
106	4	55	29.964	2240	60	34.99N	130	32.85E	60	9N	130	20E	623421	25080	193	56	31	9	14	22	-0	18	ND		2.805
107	4	55	32.199	2236	60	26.05N	130	28.36E	60	0N	130	16E	623220	25080	193	53	31	18	14	22	-0	17	ND		2.810
108	4	55	34.443	2244	60	17.08N	130	23.90E	59	51N	130	12E	623017	25081	193	50	31	27	14	22	-0	17	ND		2.800
109	4	55	36.684	2240	60	8.13N	130	19.47E	59	43N	130	7E	622816	25081	193	47	31	35	14	22	-0	17	ND		2.805
110	4	55	38.924	2240	59	59.17N	130	15.08E	59	34N	130	3E	622615	25082	193	44	31	44	14	22	-0	17	ND		2.805
111	4	55	41.163	2240	59	50.21N	130	10.73E	59	25N	129	59E	622415	25082	193	42	31	53	14	22	-0	17	ND		2.805
112	4	55	43.403	2240	59	41.25N	130	6.41E	59	16N	129	55E	622216	25083	193	39	32	2	14	22	-0	18	ND		2.805
113	4	55	45.644	2240	59	32.29N	130	2.12E	59	7N	129	50E	622016	25083	193	36	32	11	14	22	-0	18	ND		2.805
114	4	55	47.884	2240	59	23.32N	129	57.86E	58	58N	129	46E	621817	25084	193	33	32	20	14	22	-0	18	ND		2.805
115	4	55	50.118	2235	59	14.37N	129	53.65E	58	49N	129	42E	621620	25084	193	31	32	28	14	22	-0	18	ND		2.811
116	4	55	52.358	2240	59	5.40N	129	49.46E	58	40N	129	38E	621423	25085	193	28	32	37	14	22	-0	18	ND		2.805
117	4	55	54.599	2240	58	56.43N	129	45.30E	58	31N	129	34E	621226	25085	193	26	32	46	14	23	-0	18	ND		2.805
118	4	55	56.833	2235	58	47.48N	129	41.18E	58	22N	129	30E	621031	25086	193	23	32	55	14	23	-0	18	ND		2.811
119	4	55	59.068	2235	58	38.52N	129	37.09E	58	13N	129	26E	620835	25086	193	20	33	4	14	23	-0	19	ND		2.811
120	4	56	1.304	2235	58	29.56N	129	33.03E	58	4N	129	22E	620640	25087	193	18	33	13	14	24	-0	19	ND		2.811
121	4	56	3.538	2235	58	20.60N	129	29.00E	57	55N	129	18E	620446	25087	193	15	33	21	14	24	-0	19	ND		2.811
122	4	56	5.773	2235	58	11.64N	129	25.00E	57	46N	129	14E	620253	25088	193	13	33	30	14	24	-0	20	ND		2.811
123	4	56	8.009	2235	58	2.68N	129	21.03E	57	37N	129	10E	620060	25088	193	11	33	39	14	25	-0	20	ND		2.811
124	4	56	10.243	2235	57	53.71N	129	17.08E	57	28N	129	6E	619868	25088	193	8	33	48	14	25	-0	21	ND		2.811
125	4	56	12.474	2230	57	44.76N	129	13.18E	57	19N	129	2E	619677	25089	193	6	33	57	14	25	-0	21	ND		2.818
126	4	56	14.708	2235	57	35.80N	129	9.29E	57	10N	128	59E	619486	25089	193	3	34	6	14	26	-0	22	ND		2.811
127	4	56	16.944	2236	57	26.82N	129	5.43E	57	1N	128	55E	619295	25090	193	1	34	15	14	26	-0	22	ND		2.810
128	4	56	19.179	2234	57	17.85N	129	1.59E	56	52N	128	51E	619106	25090	192	59	34	23	14	27	-0	23	ND		2.813
129	4	56	21.408	2230	57	8.90N	128	57.79E	56	43N	128	47E	618917	25091	192	57	34	32	14	28	-0	23	ND		2.818
130	4	56	23.648	2240	56	59.90N	128	54.00E	56	34N	128	44E	618728	25091	192	54	34	41	14	28	-0	23	ND		2.805
131	4	56	25.884	2235	56	50.92N	128	50.25E	56	25N	128	40E	618540	25092	192	52	34	50	14	28	-0	23	ND		2.811
132	4	56	28.113	2230	56	41.97N	128	46.52E	56	16N	128	36E	618354	25092	192	50	34	59	14	29	-0	23	ND		2.818
133	4	56	30.345	2231	56	33.00N	128	42.82E	56	7N	128	33E	618167	25093	192	48	35	7	14	29	-0	23	ND		2.816
134	4	56	32.578	2234	56	24.02N	128	39.14E	55	58N	128	29E	617981	25093	192	46	35	16	14	30	-0	23	ND		2.813
135	4	56	34.813	2235	56	15.04N	128	35.49E	55	49N	128	25E	617796	25093	192	44	35	25	14	31	-0	23	ND		2.811

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FRAME EPHEMERIS MISSION 1018-2

PASS 70D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 4

FRM	Z TIME	DTIM	CAMERA NADIR LAT	CAMERA NADIR LONG	FORMAT CENTER LAT	FORMAT CENTER LONG	ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR MI SEC	MILS	DEG MIN	DEG MIN	DEG MIN	DEG MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	4 56 37.049	2235	56 6.05N	128 31.85E	55 40N	128 22E	617612	25094	192 41	35 34	14 32	-0 23	ND	2.811
137	4 56 39.283	2235	55 57.06N	128 28.24E	55 31N	128 18E	617428	25094	192 39	35 43	14 33	-0 23	ND	2.811
138	4 56 41.515	2231	55 48.09N	128 24.66E	55 22N	128 15E	617244	25095	192 37	35 52	14 33	-0 23	ND	2.816
139	4 56 43.748	2234	55 39.11N	128 21.10E	55 13N	128 11E	617062	25095	192 35	36 0	14 34	-0 23	ND	2.813
140	4 56 45.983	2235	55 30.11N	128 17.56E	55 4N	128 8E	616880	25096	192 33	36 9	14 35	-0 23	ND	2.811
141	4 56 48.214	2230	55 21.14N	128 14.05E	54 55N	128 4E	616699	25096	192 31	36 18	14 36	-0 24	ND	2.818
142	4 56 50.443	2230	55 12.16N	128 10.57E	54 46N	128 1E	616519	25096	192 29	36 27	14 37	-0 24	ND	2.818
143	4 56 52.679	2235	55 3.16N	128 7.09E	54 37N	127 57E	616339	25097	192 28	36 36	14 38	-0 24	ND	2.811
144	4 56 54.908	2230	54 54.19N	128 3.65E	54 28N	127 54E	616161	25097	192 26	36 45	14 38	-0 24	ND	2.818
145	4 56 57.134	2225	54 45.23N	128 0.23E	54 19N	127 51E	615983	25098	192 24	36 53	14 39	-0 24	ND	2.824
146	4 56 59.368	2235	54 36.23N	127 56.82E	54 10N	127 47E	615805	25098	192 22	37 2	14 40	-0 24	ND	2.811
147	4 57 1.599	2230	54 27.24N	127 53.44E	54 1N	127 44E	615628	25099	192 20	37 11	14 41	-0 24	ND	2.818
148	4 57 3.833	2235	54 18.24N	127 50.07E	53 52N	127 41E	615452	25099	192 18	37 20	14 41	-0 24	ND	2.811
149	4 57 6.059	2225	54 9.27N	127 46.74E	53 43N	127 37E	615277	25099	192 16	37 28	14 42	-0 24	ND	2.824
150	4 57 8.293	2235	54 0.27N	127 43.41E	53 34N	127 34E	615102	25100	192 15	37 37	14 42	-0 24	ND	2.811
151	4 57 10.521	2227	53 51.29N	127 40.12E	53 25N	127 31E	614929	25100	192 13	37 46	14 43	-0 25	ND	2.821
152	4 57 12.748	2228	53 42.31N	127 36.84E	53 16N	127 28E	614755	25101	192 11	37 55	14 43	-0 25	ND	2.820
153	4 57 14.979	2230	53 33.32N	127 33.58E	53 7N	127 24E	614583	25101	192 9	38 4	14 44	-0 25	ND	2.818
154	4 57 17.208	2230	53 24.33N	127 30.33E	52 58N	127 21E	614412	25102	192 8	38 12	14 44	-0 25	ND	2.818
155	4 57 19.438	2230	53 15.33N	127 27.11E	52 49N	127 18E	614241	25102	192 6	38 21	14 45	-0 25	ND	2.818
156	4 57 21.668	2230	53 6.34N	127 23.90E	52 40N	127 15E	614071	25102	192 4	38 30	14 45	-0 25	ND	2.818
157	4 57 23.898	2230	52 57.34N	127 20.71E	52 31N	127 12E	613901	25103	192 3	38 39	14 46	-0 25	ND	2.818
158	4 57 26.129	2230	52 48.34N	127 17.54E	52 22N	127 9E	613732	25103	192 1	38 48	14 46	-0 25	ND	2.818
159	4 57 28.354	2225	52 39.37N	127 14.40E	52 13N	127 6E	613565	25104	191 59	38 56	14 46	-0 25	ND	2.824
160	4 57 30.583	2230	52 30.37N	127 11.27E	52 4N	127 3E	613398	25104	191 58	39 5	14 47	-0 25	ND	2.818
161	4 57 32.810	2226	52 21.38N	127 8.16E	51 55N	126 59E	613232	25104	191 56	39 14	14 47	-0 25	ND	2.823
162	4 57 35.038	2229	52 12.38N	127 5.06E	51 46N	126 56E	613066	25105	191 55	39 23	14 48	-0 25	ND	2.819
163	4 57 37.269	2230	52 3.38N	127 1.98E	51 37N	126 53E	612901	25105	191 53	39 31	14 48	-0 25	ND	2.818
164	4 57 39.498	2230	51 54.38N	126 58.91E	51 28N	126 50E	612737	25106	191 52	39 40	14 48	-0 25	ND	2.818
165	4 57 41.729	2230	51 45.37N	126 55.86E	51 19N	126 47E	612574	25106	191 50	39 49	14 49	-0 25	ND	2.818
166	4 57 43.954	2226	51 36.38N	126 52.83E	51 10N	126 44E	612412	25106	191 49	39 58	14 49	-0 25	ND	2.823
167	4 57 46.184	2229	51 27.37N	126 49.82E	51 1N	126 41E	612250	25107	191 47	40 6	14 50	-0 25	ND	2.819
168	4 57 48.408	2225	51 18.38N	126 46.83E	50 52N	126 39E	612089	25107	191 46	40 15	14 50	-0 25	ND	2.824
169	4 57 50.639	2230	51 9.37N	126 43.84E	50 43N	126 36E	611930	25108	191 44	40 24	14 50	-0 25	ND	2.818
170	4 57 52.863	2225	51 0.38N	126 40.88E	50 34N	126 33E	611771	25108	191 43	40 33	14 50	-0 25	ND	2.824
171	4 57 55.094	2230	50 51.37N	126 37.92E	50 25N	126 30E	611612	25108	191 41	40 41	14 50	-0 25	ND	2.818
172	4 57 57.318	2225	50 42.37N	126 34.99E	50 16N	126 27E	611455	25109	191 40	40 50	14 51	-0 25	ND	2.824
173	4 57 59.543	2225	50 33.38N	126 32.08E	50 7N	126 24E	611298	25109	191 38	40 59	14 51	-0 25	ND	2.824
174	4 58 1.771	2227	50 24.37N	126 29.17E	49 58N	126 21E	611142	25109	191 37	41 8	14 51	-0 25	ND	2.821
175	4 58 3.998	2228	50 15.36N	126 26.28E	49 49N	126 18E	610988	25110	191 36	41 16	14 51	-0 25	ND	2.820
176	4 58 6.224	2225	50 6.36N	126 23.41E	49 40N	126 16E	610833	25110	191 34	41 25	14 52	-0 25	ND	2.824
177	4 58 8.453	2230	49 57.35N	126 20.55E	49 31N	126 13E	610680	25111	191 33	41 34	14 52	-0 25	ND	2.818
178	4 58 10.679	2225	49 48.34N	126 17.70E	49 22N	126 10E	610527	25111	191 32	41 43	14 52	-0 24	ND	2.824
179	4 58 12.903	2225	49 39.34N	126 14.87E	49 13N	126 7E	610376	25111	191 30	41 51	14 52	-0 24	ND	2.824
180	4 58 15.129	2225	49 30.34N	126 12.06E	49 4N	126 4E	610226	25112	191 29	42 0	14 52	-0 23	ND	2.824

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HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
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FRAME EPHEMERIS MISSION 1018-2

PASS 70D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 5

FRM	Z TIME	DTIM	CAMERA NADIR LAT	CAMERA NADIR LONG	FORMAT CENTER LAT	FORMAT CENTER LONG	ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR MI SEC	MILS	DEG MIN	DEG MIN	DEG MIN	DEG MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
181	4 58 17.354	2225	49 21.33N	126 9.25E	48 55N	126 2E	610075	25112	191 28	42 9	14 52	-0 23	ND	2.824
182	4 58 19.578	2225	49 12.33N	126 6.47E	48 46N	125 59E	609926	25112	191 26	42 17	14 52	-0 22	ND	2.824
183	4 58 21.804	2225	49 3.32N	126 3.69E	48 37N	125 56E	609778	25113	191 25	42 26	14 52	-0 22	ND	2.824
184	4 58 24.028	2225	48 54.32N	126 0.93E	48 28N	125 54E	609631	25113	191 24	42 35	14 52	-0 21	ND	2.824
185	4 58 26.264	2235	48 45.27N	125 58.17E	48 19N	125 51E	609484	25113	191 23	42 44	14 52	-0 21	ND	2.811
186	4 58 28.488	2225	48 36.26N	125 55.43E	48 10N	125 48E	609338	25114	191 22	42 52	14 52	-0 20	ND	2.824
187	4 58 30.708	2220	48 27.27N	125 52.72E	48 1N	125 46E	609194	25114	191 20	43 1	14 52	-0 19	ND	2.830
188	4 58 32.938	2230	48 18.24N	125 50.00E	47 52N	125 43E	609050	25115	191 19	43 10	14 52	-0 18	ND	2.818
189	4 58 35.163	2225	48 9.23N	125 47.30E	47 43N	125 40E	608907	25115	191 18	43 18	14 52	-0 18	ND	2.824
190	4 58 37.394	2230	48 0.19N	125 44.61E	47 34N	125 38E	608765	25115	191 17	43 27	14 52	-0 17	ND	2.818
191	4 58 39.618	2225	47 51.18N	125 41.94E	47 25N	125 35E	608623	25116	191 16	43 36	14 51	-0 16	ND	2.824
192	4 58 41.844	2225	47 42.16N	125 39.28E	47 16N	125 32E	608483	25116	191 14	43 45	14 50	-0 16	ND	2.824
193	4 58 44.068	2225	47 33.15N	125 36.63E	47 7N	125 30E	608344	25116	191 13	43 53	14 50	-0 15	ND	2.824
194	4 58 46.299	2230	47 24.11N	125 33.99E	46 58N	125 27E	608205	25117	191 12	44 2	14 50	-0 15	ND	2.818
195	4 58 48.523	2225	47 15.09N	125 31.36E	46 49N	125 25E	608067	25117	191 11	44 11	14 50	-0 14	ND	2.824
196	4 58 50.748	2225	47 6.07N	125 28.75E	46 40N	125 22E	607930	25117	191 10	44 19	14 49	-0 13	ND	2.824
197	4 58 52.974	2225	46 57.05N	125 26.15E	46 31N	125 20E	607795	25118	191 9	44 28	14 49	-0 13	ND	2.824
198	4 58 55.193	2220	46 48.05N	125 23.56E	46 22N	125 17E	607660	25118	191 8	44 37	14 48	-0 11	ND	2.830
199	4 58 57.418	2225	46 39.03N	125 20.98E	46 13N	125 15E	607526	25118	191 7	44 45	14 47	-0 10	ND	2.824
200	4 58 59.644	2225	46 30.01N	125 18.42E	46 4N	125 12E	607393	25119	191 6	44 54	14 47	-0 9	ND	2.824
201	4 59 1.868	2225	46 20.99N	125 15.86E	45 55N	125 10E	607262	25119	191 5	45 3	14 48	-0 9	ND	2.824
202	4 59 4.094	2225	46 11.96N	125 13.31E	45 46N	125 7E	607130	25119	191 4	45 11	14 48	-0 7	ND	2.824
203	4 59 6.318	2225	46 2.94N	125 10.78E	45 37N	125 5E	607000	25120	191 3	45 20	14 47	-0 6	ND	2.824
204	4 59 8.538	2220	45 53.93N	125 8.26E	45 28N	125 2E	606872	25120	191 2	45 28	14 44	-0 6	ND	2.830
205	4 59 10.769	2230	45 44.88N	125 5.74E	45 19N	125 0E	606744	25120	191 1	45 37	14 43	-0 6	ND	2.818
206	4 59 12.993	2225	45 35.86N	125 3.24E	45 10N	124 57E	606616	25120	191 0	45 46	14 42	-0 5	ND	2.824
207	4 59 15.214	2220	45 26.85N	125 0.75E	45 1N	124 55E	606490	25121	190 59	45 54	14 41	-0 5	ND	2.830
208	4 59 17.438	2225	45 17.82N	124 58.27E	44 52N	124 53E	606365	25121	190 58	46 3	14 40	-0 5	ND	2.824
209	4 59 19.663	2225	45 8.79N	124 55.79E	44 43N	124 50E	606240	25121	190 57	46 12	14 39	-0 5	ND	2.824
210	4 59 21.884	2220	44 59.78N	124 53.34E	44 34N	124 48E	606117	25122	190 56	46 20	14 38	-0 5	ND	2.830
211	4 59 24.113	2230	44 50.73N	124 50.88E	44 25N	124 45E	605994	25122	190 55	46 29	14 38	-0 5	ND	2.818
212	4 59 26.339	2225	44 41.69N	124 48.43E	44 16N	124 43E	605873	25122	190 54	46 38	14 37	-0 5	ND	2.824
213	4 59 28.563	2225	44 32.66N	124 46.00E	44 7N	124 40E	605752	25123	190 53	46 46	14 37	-0 6	ND	2.824
214	4 59 30.788	2225	44 23.63N	124 43.58E	43 58N	124 38E	605633	25123	190 52	46 55	14 36	-0 6	ND	2.824
215	4 59 33.014	2225	44 14.59N	124 41.16E	43 49N	124 36E	605514	25123	190 51	47 4	14 36	-0 7	ND	2.824
216	4 59 35.233	2220	44 5.57N	124 38.76E	43 40N	124 33E	605397	25123	190 50	47 12	14 35	-0 7	ND	2.830
217	4 59 37.458	2225	43 56.54N	124 36.37E	43 31N	124 31E	605281	25124	190 49	47 21	14 35	-0 7	ND	2.824
218	4 59 39.684	2225	43 47.50N	124 33.98E	43 22N	124 28E	605165	25124	190 48	47 29	14 35	-0 8	ND	2.824
219	4 59 41.903	2220	43 38.48N	124 31.61E	43 13N	124 26E	605050	25124	190 48	47 38	14 35	-0 8	ND	2.830
220	4 59 44.129	2225	43 29.44N	124 29.24E	43 4N	124 24E	604937	25125	190 47	47 47	14 35	-0 9	ND	2.824
221	4 59 46.349	2220	43 20.42N	124 26.89E	42 55N	124 21E	604825	25125	190 46	47 55	14 34	-0 9	ND	2.830
222	4 59 48.568	2220	43 11.40N	124 24.54E	42 46N	124 19E	604714	25125	190 45	48 4	14 34	-0 9	ND	2.830
223	4 59 50.789	2221	43 2.38N	124 22.21E	42 37N	124 17E	604603	25125	190 44	48 13	14 34	-0 9	ND	2.829
224	4 59 53.014	2224	42 53.34N	124 19.88E	42 28N	124 14E	604494	25126	190 43	48 21	14 34	-0 9	ND	2.825
225	4 59 55.229	2215	42 44.34N	124 17.56E	42 19N	124 12E	604386	25126	190 42	48 30	14 34	-0 10	ND	2.837

TOP SECRET
SPECIAL HANDLING REQUIRED

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140066-4

FRAME EPHEMERIS MISSION 1018-2

PASS 70D FWD 30MAR65

ID 45 LIST DATE 06MAY65 PAGE 6

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	4	59	57.453	2225	42	35.30N	124	15.25E	42	10N	124	10E	604279	25126	190	42	48	38	14	34	-0	10	ND		2.824
227	4	59	59.674	2220	42	26.27N	124	12.94E	42	1N	124	8E	604173	25127	190	41	48	47	14	34	-0	10	ND		2.830
228	5	0	1.898	2225	42	17.22N	124	10.65E	41	52N	124	5E	604067	25127	190	40	48	56	14	34	-0	10	ND		2.824
229	5	0	4.118	2220	42	8.20N	124	8.36E	41	43N	124	3E	603964	25127	190	39	49	4	14	34	-0	10	ND		2.830
230	5	0	6.344	2225	41	59.15N	124	6.08E	41	34N	124	1E	603860	25127	190	38	49	13	14	35	-0	10	ND		2.824
231	5	0	8.563	2220	41	50.13N	124	3.81E	41	25N	123	59E	603758	25128	190	38	49	22	14	36	-0	10	ND		2.830
232	5	0	10.783	2220	41	41.10N	124	1.55E	41	15N	123	56E	603657	25128	190	37	49	30	14	36	-0	9	ND		2.830
233	5	0	13.004	2220	41	32.07N	123	59.29E	41	6N	123	54E	603557	25128	190	36	49	39	14	37	-0	9	ND		2.830
234	5	0	15.224	2220	41	23.04N	123	57.05E	40	57N	123	52E	603459	25128	190	35	49	47	14	37	-0	10	ND		2.830
235	5	0	17.448	2225	41	13.99N	123	54.81E	40	48N	123	50E	603361	25129	190	35	49	56	14	38	-0	10	ND		2.824
236	5	0	19.668	2220	41	4.96N	123	52.58E	40	39N	123	47E	603265	25129	190	34	50	5	14	39	-0	10	ND		2.830
237	5	0	21.894	2225	40	55.91N	123	50.35E	40	30N	123	45E	603169	25129	190	33	50	13	14	40	-0	10	ND		2.824
238	5	0	24.113	2220	40	46.88N	123	48.13E	40	21N	123	43E	603074	25129	190	33	50	22	14	41	-0	10	ND		2.830
239	5	0	26.333	2220	40	37.85N	123	45.93E	40	12N	123	41E	602981	25129	190	32	50	30	14	42	-0	10	ND		2.830
240	5	0	28.550	2225	40	28.79N	123	43.72E	40	3N	123	39E	602889	25130	190	31	50	39	14	42	-0	10	ND		2.824
241	5	0	30.778	2220	40	19.76N	123	41.53E	39	54N	123	36E	602798	25130	190	30	50	48	14	43	-0	10	ND		2.830
242	5	0	32.998	2220	40	10.73N	123	39.34E	39	45N	123	34E	602707	25130	190	30	50	56	14	44	-0	10	ND		2.830
243	5	0	35.219	2220	40	1.69N	123	37.16E	39	36N	123	32E	602619	25130	190	29	51	5	14	44	-0	10	ND		2.830
244	5	0	37.438	2220	39	52.65N	123	34.99E	39	27N	123	30E	602531	25131	190	28	51	13	14	45	-0	10	ND		2.830
245	5	0	39.663	2225	39	43.60N	123	32.82E	39	18N	123	28E	602444	25131	190	28	51	22	14	46	-0	10	ND		2.824
246	5	0	41.884	2220	39	34.56N	123	30.67E	39	9N	123	26E	602358	25131	190	27	51	30	14	46	-0	11	ND		2.830
247	5	0	44.104	2220	39	25.52N	123	28.52E	39	0N	123	24E	602274	25131	190	26	51	39	14	47	-0	11	ND		2.830
248	5	0	46.323	2220	39	16.48N	123	26.37E	38	51N	123	21E	602190	25131	190	26	51	48	14	48	-0	11	ND		2.830
249	5	0	48.549	2225	39	7.42N	123	24.23E	38	42N	123	19E	602108	25132	190	25	51	56	14	48	-0	11	ND		2.824
250	5	0	50.769	2220	38	58.38N	123	22.10E	38	32N	123	17E	602027	25132	190	24	52	5	14	48	-0	11	ND		2.830
251	5	0	52.983	2215	38	49.36N	123	19.98E	38	23N	123	15E	601947	25132	190	24	52	13	14	49	-0	11	ND		2.837
252	5	0	55.203	2220	38	40.33N	123	17.87E	38	14N	123	13E	601868	25132	190	23	52	22	14	49	-0	12	ND		2.830
253	5	0	57.424	2220	38	31.28N	123	15.75E	38	5N	123	11E	601790	25132	190	22	52	30	14	50	-0	12	ND		2.830
254	5	0	59.648	2225	38	22.22N	123	13.65E	37	56N	123	9E	601714	25133	190	22	52	39	14	50	-0	12	ND		2.824
255	5	1	1.863	2215	38	13.20N	123	11.55E	37	47N	123	7E	601638	25133	190	21	52	47	14	50	-0	12	ND		2.837
256	5	1	4.083	2220	38	4.16N	123	9.46E	37	38N	123	5E	601564	25133	190	21	52	56	14	51	-0	12	ND		2.830
257	5	1	6.309	2225	37	55.09N	123	7.37E	37	29N	123	3E	601491	25133	190	20	53	4	14	51	-0	13	ND		2.824
258	5	1	8.533	2225	37	46.03N	123	5.29E	37	20N	123	0E	601418	25133	190	19	53	13	14	52	-0	13	ND		2.824
259	5	1	10.744	2211	37	37.02N	123	3.23E	37	11N	122	58E	601349	25134	190	19	53	21	14	52	-0	13	ND		2.842
260	5	1	12.964	2219	37	27.98N	123	1.16E	37	2N	122	56E	601279	25134	190	18	53	30	14	52	-0	13	ND		2.832
261	5	1	15.188	2225	37	18.91N	122	59.10E	36	53N	122	54E	601210	25134	190	18	53	38	14	52	-0	14	ND		2.824
262	5	1	17.413	2225	37	9.85N	122	57.04E	36	44N	122	52E	601142	25134	190	17	53	47	14	52	-0	14	ND		2.824
263	5	1	19.634	2220	37	0.80N	122	54.99E	36	35N	122	50E	601076	25134	190	17	53	55	14	53	-0	15	ND		2.830
264	5	1	21.854	2221	36	51.74N	122	52.94E	36	26N	122	48E	601011	25134	190	16	54	4	14	53	-0	15	ND		2.829
265	5	1	24.078	2224	36	42.68N	122	50.90E	36	17N	122	46E	600947	25135	190	15	54	12	14	53	-0	16	ND		2.825
266	5	1	26.304	2225	36	33.61N	122	48.87E	36	8N	122	44E	600885	25135	190	15	54	21	14	53	-0	16	ND		2.824
267	5	1	28.523	2220	36	24.56N	122	46.84E	35	59N	122	42E	600823	25135	190	14	54	29	14	54	-0	16	ND		2.830
268	5	1	30.743	2220	36	15.51N	122	44.82E	35	49N	122	40E	600763	25135	190	14	54	38	14	54	-0	16	ND		2.830
269	5	1	32.964	2220	36	6.46N	122	42.81E	35	40N	122	38E	600704	25135	190	13	54	46	14	54	-0	17	ND		2.830
270	5	1	35.184	2220	35	57.41N	122	40.80E	35	31N	122	36E	600646	25135	190	13	54	55	14	54	-0	17	ND		2.830

FRAME EPHEMERIS MISSION 1018-2

PASS 70D END 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 7

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
271	5	1	37.408	2225	35	48.34N	122	38.79E	35	22N	122	34E	600589	25136	190	12	55	3	14	54	-0	17	ND		2.824
272	5	1	39.629	2220	35	39.28N	122	36.80E	35	13N	122	32E	600534	25136	190	12	55	12	14	54	-0	17	ND		2.830
273	5	1	41.849	2220	35	30.23N	122	34.80E	35	4N	122	30E	600480	25136	190	11	55	20	14	55	-0	18	ND		2.830
274	5	1	44.073	2225	35	21.16N	122	32.81E	34	55N	122	28E	600427	25136	190	11	55	29	14	55	-0	18	ND		2.824
275	5	1	46.289	2216	35	12.12N	122	30.84E	34	46N	122	26E	600375	25136	190	10	55	37	14	55	-0	18	ND		2.835
276	5	1	48.505	2215	35	3.09N	122	28.86E	34	37N	122	24E	600324	25136	190	10	55	45	14	55	-0	18	ND		2.837
277	5	1	50.729	2224	34	54.02N	122	26.89E	34	28N	122	22E	600275	25136	190	9	55	54	14	55	-0	19	ND		2.825
278	5	1	52.948	2220	34	44.96N	122	24.92E	34	19N	122	20E	600227	25136	190	9	56	2	14	55	-0	19	ND		2.830
279	5	1	55.168	2220	34	35.91N	122	22.96E	34	10N	122	18E	600180	25137	190	8	56	11	14	55	-0	19	ND		2.830
280	5	1	57.384	2215	34	26.87N	122	21.01E	34	1N	122	16E	600134	25137	190	8	56	19	14	55	-0	19	ND		2.837
281	5	1	59.604	2220	34	17.82N	122	19.06E	33	52N	122	14E	600090	25137	190	7	56	28	14	55	-0	19	ND		2.830
282	5	2	1.823	2220	34	8.76N	122	17.12E	33	43N	122	12E	600047	25137	190	7	56	36	14	55	-0	19	ND		2.830
283	5	2	4.045	2221	33	59.69N	122	15.17E	33	34N	122	10E	600005	25137	190	6	56	44	14	56	-0	20	ND		2.829
284	5	2	6.264	2219	33	50.64N	122	13.24E	33	25N	122	9E	599965	25137	190	6	56	53	14	56	-0	20	ND		2.832
285	5	2	8.488	2225	33	41.56N	122	11.30E	33	16N	122	7E	599925	25137	190	5	57	1	14	56	-0	20	ND		2.824
286	5	2	10.708	2220	33	32.51N	122	9.38E	33	6N	122	5E	599887	25137	190	5	57	10	14	56	-0	20	ND		2.830
287	5	2	12.929	2220	33	23.44N	122	7.46E	32	57N	122	3E	599850	25137	190	5	57	18	14	56	-0	20	ND		2.830
288	5	2	15.145	2216	33	14.40N	122	5.54E	32	48N	122	1E	599815	25138	190	4	57	26	14	56	-0	20	ND		2.835
289	5	2	17.364	2220	33	5.34N	122	3.63E	32	39N	121	59E	599779	25138	190	4	57	35	14	56	-0	20	ND		2.830
290	5	2	19.589	2224	32	56.26N	122	1.72E	32	30N	121	57E	599747	25138	190	3	57	43	14	57	-0	20	ND		2.825
291	5	2	21.804	2215	32	47.22N	121	59.82E	32	21N	121	55E	599715	25138	190	3	57	51	14	57	-0	20	ND		2.837
292	5	2	24.028	2225	32	38.14N	121	57.92E	32	12N	121	53E	599684	25138	190	2	58	0	14	57	-0	20	ND		2.824
293	5	2	26.243	2215	32	29.10N	121	56.03E	32	3N	121	51E	599655	25138	190	2	58	8	14	57	-0	20	ND		2.837
294	5	2	28.464	2220	32	20.04N	121	54.14E	31	54N	121	50E	599627	25138	190	2	58	16	14	57	-0	20	ND		2.830
295	5	2	30.684	2220	32	10.97N	121	52.26E	31	45N	121	48E	599600	25138	190	1	58	25	14	57	-0	20	ND		2.830
296	5	2	32.903	2220	32	1.91N	121	50.38E	31	36N	121	46E	599575	25138	190	1	58	33	14	57	-0	19	ND		2.830
297	5	2	35.118	2215	31	52.87N	121	48.50E	31	27N	121	44E	599551	25138	190	0	58	41	14	57	-0	19	ND		2.837
298	5	2	37.344	2225	31	43.78N	121	46.63E	31	18N	121	42E	599528	25138	190	0	58	49	14	57	-0	19	ND		2.824
299	5	2	39.563	2220	31	34.72N	121	44.76E	31	9N	121	40E	599507	25138	190	0	58	58	14	57	-0	19	ND		2.830
300	5	2	41.783	2220	31	25.65N	121	42.90E	31	0N	121	38E	599486	25139	189	59	59	6	14	57	-0	19	ND		2.830
301	5	2	43.998	2215	31	16.61N	121	41.04E	30	51N	121	37E	599467	25139	189	59	59	14	14	57	-0	19	ND		2.837
302	5	2	46.224	2225	31	7.52N	121	39.18E	30	41N	121	35E	599449	25139	189	58	59	23	14	57	-0	18	ND		2.824
303	5	2	48.438	2215	30	58.47N	121	37.34E	30	32N	121	33E	599433	25139	189	58	59	31	14	57	-0	18	ND		2.837
304	5	2	50.663	2225	30	49.39N	121	35.48E	30	23N	121	31E	599418	25139	189	58	59	39	14	57	-0	18	ND		2.824
305	5	2	52.884	2220	30	40.32N	121	33.64E	30	14N	121	29E	599404	25139	189	57	59	47	14	57	-0	18	ND		2.830
306	5	2	55.099	2215	30	31.27N	121	31.81E	30	5N	121	28E	599392	25139	189	57	59	56	14	57	-0	17	ND		2.837
307	5	2	57.323	2225	30	22.19N	121	29.97E	29	56N	121	26E	599381	25139	189	56	60	4	14	57	-0	17	ND		2.824
308	5	2	59.538	2215	30	13.14N	121	28.14E	29	47N	121	24E	599371	25139	189	56	60	12	14	57	-0	16	ND		2.837
309	5	3	1.764	2225	30	4.05N	121	26.31E	29	38N	121	22E	599363	25139	189	56	60	20	14	57	-0	16	ND		2.824
310	5	3	3.979	2215	29	55.00N	121	24.49E	29	29N	121	20E	599356	25139	189	55	60	28	14	57	-0	16	ND		2.837
311	5	3	6.198	2220	29	45.93N	121	22.67E	29	20N	121	19E	599350	25139	189	55	60	37	14	56	-0	16	ND		2.830
312	5	3	8.418	2220	29	36.86N	121	20.86E	29	11N	121	17E	599346	25139	189	55	60	45	14	56	-0	15	ND		2.830
313	5	3	10.644	2225	29	27.77N	121	19.04E	29	2N	121	15E	599342	25139	189	54	60	53	14	56	-0	15	ND		2.824
314	5	3	12.858	2215	29	18.72N	121	17.24E	28	53N	121	13E	599341	25139	189	54	61	1	14	56	-0	14	ND		2.837
315	5	3	15.078	2220	29	9.65N	121	15.43E	28	44N	121	11E	599340	25139	189	54	61	9	14	56	-0	14	ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
316	5	3	17.304	2225	29	0.55N	121	13.63E	28	34N	121	10E	599341	25139	189	53	61	17	14	56	-0	13	ND		2.824
317	5	3	19.520	2216	28	51.50N	121	11.83E	28	25N	121	8E	599343	25139	189	53	61	26	14	56	-0	13	ND		2.835
318	5	3	21.743	2224	28	42.41N	121	10.04E	28	16N	121	6E	599347	25139	189	53	61	34	14	56	-0	13	ND		2.825
319	5	9	4.210	42467	5	20.66N	117	0.86E	4	56N	116	58E	617285	25099	189	29	77	17	14	0	-0	16	ND		0.018
320	5	9	6.988	2778	5	9.28N	116	58.96E	4	44N	116	56E	617576	25098	189	29	77	19	14	1	-0	15	ND		2.262
321	5	9	9.594	2605	4	58.62N	116	57.19E	4	33N	116	54E	617852	25098	189	29	77	21	14	1	-0	14	ND		2.412
322	5	9	11.996	2403	4	48.78N	116	55.55E	4	24N	116	52E	618108	25097	189	29	77	22	14	2	-0	13	ND		2.615
323	5	9	14.328	2332	4	39.24N	116	53.96E	4	14N	116	51E	618358	25096	189	29	77	23	14	3	-0	12	ND		2.694
324	5	9	16.618	2290	4	29.86N	116	52.40E	4	5N	116	49E	618605	25096	189	29	77	24	14	3	-0	12	ND		2.744
325	5	9	18.895	2276	4	20.54N	116	50.85E	3	55N	116	48E	618852	25095	189	29	77	25	14	4	-0	10	ND		2.761
326	5	9	21.164	2270	4	11.25N	116	49.30E	3	46N	116	46E	619101	25095	189	29	77	26	14	5	-0	9	ND		2.768
327	5	9	23.424	2259	4	2.00N	116	47.76E	3	37N	116	45E	619349	25094	189	29	77	27	14	5	-0	8	ND		2.781
328	5	9	25.679	2255	3	52.77N	116	46.23E	3	27N	116	43E	619599	25094	189	29	77	27	14	6	-0	7	ND		2.786
329	5	9	27.934	2255	3	43.54N	116	44.69E	3	18N	116	42E	619850	25093	189	29	77	28	14	6	-0	6	ND		2.786
330	5	9	30.184	2250	3	34.33N	116	43.16E	3	9N	116	40E	620102	25092	189	29	77	28	14	7	-0	5	ND		2.793
331	5	9	32.434	2250	3	25.12N	116	41.63E	3	0N	116	39E	620356	25092	189	29	77	28	14	7	-0	4	ND		2.793
332	5	9	34.685	2251	3	15.91N	116	40.10E	2	50N	116	37E	620612	25091	189	29	77	29	14	8	-0	3	ND		2.791
333	5	9	36.935	2250	3	6.70N	116	38.57E	2	41N	116	36E	620868	25091	189	29	77	29	14	8	-0	1	ND		2.793
334	5	9	39.184	2249	2	57.50N	116	37.04E	2	32N	116	34E	621127	25090	189	29	77	28	14	9	0	0	ND		2.794
335	5	9	41.429	2245	2	48.31N	116	35.52E	2	23N	116	33E	621385	25089	189	29	77	28	14	10	0	1	ND		2.799
336	5	9	43.679	2250	2	39.10N	116	33.99E	2	13N	116	31E	621647	25089	189	29	77	28	14	10	0	3	ND		2.793
337	5	9	45.924	2245	2	29.91N	116	32.46E	2	4N	116	30E	621909	25088	189	29	77	28	14	11	0	5	ND		2.799
338	5	9	48.179	2255	2	20.68N	116	30.93E	1	55N	116	28E	622174	25088	189	29	77	27	14	11	0	7	ND		2.786
339	5	9	50.424	2245	2	11.49N	116	29.41E	1	46N	116	27E	622439	25087	189	29	77	26	14	11	0	9	ND		2.799
340	5	9	52.663	2240	2	2.33N	116	27.89E	1	37N	116	25E	622705	25086	189	29	77	25	14	12	0	10	ND		2.805
341	5	9	54.913	2250	1	53.12N	116	26.36E	1	27N	116	24E	622974	25086	189	29	77	25	14	13	0	12	ND		2.793
342	5	9	57.158	2245	1	43.93N	116	24.83E	1	18N	116	23E	623244	25085	189	29	77	23	14	13	0	13	ND		2.799
343	5	9	59.408	2250	1	34.73N	116	23.31E	1	9N	116	21E	623516	25085	189	29	77	22	14	14	0	15	ND		2.793
344	5	10	1.648	2240	1	25.56N	116	21.79E	1	0N	116	20E	623788	25084	189	29	77	21	14	14	0	16	ND		2.805
345	5	10	3.894	2245	1	16.37N	116	20.26E	0	50N	116	18E	624062	25083	189	29	77	20	14	15	0	18	ND		2.799
346	5	10	6.144	2250	1	7.17N	116	18.74E	0	41N	116	17E	624339	25083	189	29	77	18	14	16	0	19	ND		2.793
347	5	10	8.394	2250	0	57.96N	116	17.21E	0	32N	116	15E	624616	25082	189	29	77	17	14	17	0	21	ND		2.793
348	5	10	10.634	2240	0	48.79N	116	15.69E	0	23N	116	14E	624894	25081	189	29	77	15	14	17	0	22	ND		2.805
349	5	10	12.884	2250	0	39.59N	116	14.16E	0	13N	116	12E	625175	25081	189	29	77	14	14	18	0	24	ND		2.793
350	5	10	15.129	2245	0	30.40N	116	12.64E	0	4N	116	11E	625457	25080	189	29	77	12	14	18	0	25	ND		2.799
351	5	10	17.373	2245	0	21.22N	116	11.12E	0	5S	116	9E	625740	25079	189	29	77	10	14	19	0	26	ND		2.799
352	5	10	19.623	2250	0	12.01N	116	9.59E	0	14S	116	8E	626025	25079	189	29	77	8	14	19	0	27	ND		2.793
353	5	10	21.873	2250	0	2.85N	116	8.06E	0	23S	116	6E	626313	25078	189	29	77	6	14	20	0	28	ND		2.793
354	5	10	24.118	2245	0	6.38S	116	6.54E	0	33S	116	5E	626600	25077	189	29	77	3	14	21	0	29	ND		2.799
355	5	10	26.373	2255	0	15.61S	116	5.01E	0	42S	116	3E	626890	25077	189	29	77	1	14	21	0	30	ND		2.786
356	5	10	28.623	2250	0	24.80S	116	3.49E	0	51S	116	2E	627181	25076	189	29	76	58	14	22	0	30	ND		2.793
357	5	10	30.868	2245	0	33.99S	116	1.96E	1	0S	116	0E	627473	25075	189	29	76	56	14	23	0	31	ND		2.799
358	5	10	33.123	2255	0	43.21S	116	0.43E	1	10S	115	59E	627768	25075	189	29	76	53	14	24	0	31	ND		2.786
359	5	10	35.373	2250	0	52.41S	115	58.91E	1	19S	115	57E	628064	25074	189	29	76	50	14	24	0	31	ND		2.793
360	5	10	37.623	2250	1	1.62S	115	57.38E	1	28S	115	56E	628361	25073	189	29	76	48	14	25	0	31	ND		2.793

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
361	5	10	39.868	2245	1	10.80S	115	55.86E	1	37S	115	54E	628659	25073	189 29	76 45	14 26	0 31	ND	2.799
362	5	10	42.123	2255	1	20.02S	115	54.33E	1	47S	115	52E	628959	25072	189 29	76 42	14 27	0 31	ND	2.786
363	5	10	44.374	2251	1	29.23S	115	52.80E	1	56S	115	51E	629261	25071	189 29	76 38	14 27	0 30	ND	2.791
364	5	10	46.630	2255	1	38.45S	115	51.27E	2	5S	115	49E	629565	25071	189 29	76 35	14 28	0 30	ND	2.786
365	5	10	48.884	2254	1	47.67S	115	49.74E	2	14S	115	48E	629870	25070	189 29	76 32	14 29	0 29	ND	2.788
366	5	10	51.134	2250	1	56.87S	115	48.21E	2	24S	115	46E	630176	25069	189 29	76 29	14 30	0 28	ND	2.793
367	5	10	53.389	2255	2	6.10S	115	46.68E	2	33S	115	45E	630484	25068	189 29	76 25	14 31	0 28	ND	2.786
368	5	10	55.639	2250	2	15.30S	115	45.15E	2	42S	115	43E	630793	25068	189 29	76 22	14 32	0 27	ND	2.793
369	5	10	57.889	2250	2	24.50S	115	43.63E	2	51S	115	42E	631103	25067	189 29	76 18	14 33	0 25	ND	2.793
370	5	11	0.148	2260	2	33.74S	115	42.09E	3	1S	115	40E	631416	25066	189 29	76 14	14 33	0 24	ND	2.780
371	5	11	2.403	2255	2	42.96S	115	40.56E	3	10S	115	38E	631730	25066	189 29	76 10	14 34	0 23	ND	2.786
372	5	11	4.663	2260	2	52.20S	115	39.03E	3	19S	115	37E	632046	25065	189 29	76 6	14 35	0 22	ND	2.780
373	5	11	6.918	2255	3	1.42S	115	37.50E	3	28S	115	35E	632363	25064	189 29	76 3	14 36	0 21	ND	2.786
374	5	11	9.179	2260	3	10.66S	115	35.96E	3	38S	115	34E	632682	25063	189 29	75 58	14 37	0 20	ND	2.780
375	5	11	11.438	2260	3	19.90S	115	34.42E	3	47S	115	32E	633002	25063	189 29	75 54	14 38	0 19	ND	2.780
376	5	11	13.694	2256	3	29.12S	115	32.89E	3	56S	115	31E	633324	25062	189 29	75 50	14 40	0 18	ND	2.785
377	5	11	15.953	2259	3	38.36S	115	31.36E	4	6S	115	29E	633646	25061	189 29	75 46	14 40	0 17	ND	2.781
378	5	11	18.214	2260	3	47.60S	115	29.82E	4	15S	115	27E	633972	25060	189 29	75 41	14 42	0 17	ND	2.780
379	5	11	20.479	2265	3	56.85S	115	28.28E	4	24S	115	26E	634298	25060	189 29	75 37	14 43	0 16	ND	2.774
380	5	11	22.738	2260	4	6.09S	115	26.74E	4	33S	115	24E	634625	25059	189 29	75 32	14 44	0 15	ND	2.780
381	5	11	59.639	36900	6	36.88S	115	1.59E	7	5S	114	59E	640174	25046	189 30	74 8	15 14	0 7	ND	0.170
382	5	12	2.934	3295	6	50.34S	114	59.33E	7	19S	114	56E	640687	25045	189 30	73 59	15 12	0 5	ND	1.907
383	5	12	5.578	2645	7	1.14S	114	57.52E	7	30S	114	55E	641101	25044	189 30	73 53	15 10	0 4	ND	2.375
384	5	12	8.033	2455	7	11.17S	114	55.84E	7	40S	114	53E	641487	25043	189 30	73 46	15 9	0 3	ND	2.559
385	5	12	10.413	2380	7	20.89S	114	54.22E	7	49S	114	51E	641863	25042	189 30	73 40	15 8	0 2	ND	2.640
386	5	12	12.754	2340	7	30.45S	114	52.61E	7	59S	114	50E	642234	25041	189 30	73 34	15 8	0 1	ND	2.685
387	5	12	15.074	2321	7	39.92S	114	51.02E	8	8S	114	48E	642604	25040	189 30	73 28	15 7	-0 0	ND	2.707
388	5	12	17.389	2314	7	49.38S	114	49.44E	8	18S	114	46E	642973	25039	189 30	73 22	15 6	-0 1	ND	2.715
389	5	12	19.688	2300	7	58.77S	114	47.86E	8	27S	114	45E	643343	25039	189 30	73 16	15 5	-0 1	ND	2.732
390	5	12	21.993	2305	8	8.18S	114	46.28E	8	37S	114	43E	643714	25038	189 30	73 9	15 5	-0 2	ND	2.726
391	5	12	24.293	2300	8	17.57S	114	44.70E	8	46S	114	42E	644085	25037	189 31	73 3	15 5	-0 2	ND	2.732
392	5	12	26.589	2295	8	26.94S	114	43.12E	8	55S	114	40E	644458	25036	189 31	72 57	15 4	-0 2	ND	2.738
393	5	12	28.890	2301	8	36.34S	114	41.54E	9	5S	114	38E	644833	25035	189 31	72 50	15 4	-0 2	ND	2.731
394	5	12	31.188	2299	8	45.72S	114	39.96E	9	14S	114	37E	645208	25034	189 31	72 44	15 4	-0 2	ND	2.733
395	5	12	33.483	2295	8	55.09S	114	38.38E	9	24S	114	35E	645585	25033	189 31	72 37	15 4	-0 2	ND	2.738
396	5	12	35.778	2295	9	4.46S	114	36.80E	9	33S	114	34E	645963	25033	189 31	72 31	15 4	-0 2	ND	2.738
397	5	12	38.079	2301	9	13.85S	114	35.22E	9	42S	114	32E	646343	25032	189 31	72 24	15 4	-0 1	ND	2.731
398	5	12	40.379	2299	9	23.24S	114	33.63E	9	52S	114	31E	646724	25031	189 31	72 18	15 4	-0 1	ND	2.733
399	5	12	42.679	2300	9	32.63S	114	32.05E	10	1S	114	29E	647107	25030	189 31	72 11	15 4	-0 1	ND	2.732
400	5	12	44.979	2300	9	42.01S	114	30.46E	10	11S	114	27E	647491	25029	189 31	72 4	15 4	-0 1	ND	2.732
401	5	12	47.283	2305	9	51.42S	114	28.87E	10	20S	114	26E	647877	25028	189 31	71 58	15 4	-0 1	ND	2.726
402	5	12	49.583	2300	10	0.81S	114	27.28E	10	29S	114	24E	648264	25027	189 31	71 51	15 4	0 0	ND	2.732
403	5	12	51.885	2301	10	10.20S	114	25.69E	10	39S	114	23E	648652	25026	189 31	71 44	15 4	0 0	ND	2.731

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	6	20	51.430	0	74	18.81N	120	23.38E	73	54N	119	42E	643721	25032	203	32	17	15	14	23	-0	27	ND		1.849
2	6	20	54.828	3399	74	6.01N	120	3.07E	73	41N	119	23E	643367	25032	203	14	17	29	14	24	-0	27	ND		1.849
3	6	20	57.538	2710	73	55.79N	119	47.23E	73	31N	119	8E	643084	25033	203	0	17	39	14	26	-0	26	ND		2.319
4	6	21	0.054	2515	73	46.28N	119	32.81E	73	21N	118	54E	642823	25034	202	47	17	49	14	27	-0	26	ND		2.498
5	6	21	2.479	2425	73	37.10N	119	19.15E	73	12N	118	41E	642570	25034	202	35	17	59	14	28	-0	26	ND		2.591
6	6	21	4.861	2383	73	28.07N	119	5.95E	73	3N	118	28E	642323	25035	202	24	18	9	14	30	-0	26	ND		2.637
7	6	21	7.224	2362	73	19.11N	118	53.09E	72	54N	118	16E	642077	25036	202	13	18	18	14	31	-0	26	ND		2.660
8	6	21	9.568	2345	73	10.20N	118	40.53E	72	45N	118	4E	641834	25036	202	2	18	27	14	33	-0	25	ND		2.679
9	6	21	11.899	2331	73	1.32N	118	28.25E	72	36N	117	52E	641593	25037	201	51	18	37	14	34	-0	25	ND		2.695
10	6	21	14.229	2329	72	52.45N	118	16.17E	72	27N	117	41E	641352	25037	201	41	18	46	14	35	-0	25	ND		2.698
11	6	21	16.554	2325	72	43.58N	118	4.31E	72	18N	117	29E	641111	25038	201	31	18	55	14	36	-0	25	ND		2.702
12	6	21	18.873	2320	72	34.72N	117	52.65E	72	9N	117	18E	640871	25038	201	20	19	4	14	37	-0	25	ND		2.708
13	6	21	21.188	2315	72	25.86N	117	41.20E	72	0N	117	7E	640633	25039	201	11	19	14	14	38	-0	25	ND		2.714
14	6	21	23.504	2315	72	17.00N	117	29.92E	71	51N	116	57E	640394	25039	201	1	19	23	14	40	-0	25	ND		2.714
15	6	21	25.813	2310	72	8.15N	117	18.85E	71	42N	116	46E	640156	25040	200	52	19	32	14	40	-0	25	ND		2.720
16	6	21	28.123	2310	71	59.29N	117	7.93E	71	34N	116	36E	639918	25041	200	42	19	41	14	41	-0	25	ND		2.720
17	6	21	30.429	2305	71	50.43N	116	57.20E	71	25N	116	25E	639681	25041	200	33	19	50	14	41	-0	25	ND		2.726
18	6	21	32.729	2300	71	41.59N	116	46.65E	71	16N	116	15E	639445	25042	200	24	19	59	14	42	-0	25	ND		2.732
19	6	21	35.028	2300	71	32.74N	116	36.26E	71	7N	116	5E	639209	25042	200	15	20	9	14	43	-0	25	ND		2.732
20	6	21	37.328	2300	71	23.88N	116	26.02E	70	58N	115	55E	638973	25043	200	7	20	18	14	43	-0	25	ND		2.732
21	6	21	39.629	2300	71	15.01N	116	15.92E	70	49N	115	46E	638738	25043	199	58	20	27	14	44	-0	25	ND		2.732
22	6	21	41.924	2295	71	6.15N	116	5.98E	70	40N	115	36E	638503	25044	199	50	20	36	14	44	-0	25	ND		2.738
23	6	21	44.219	2295	70	57.28N	115	56.19E	70	31N	115	27E	638268	25044	199	42	20	45	14	44	-0	25	ND		2.738
24	6	21	46.514	2295	70	48.41N	115	46.53E	70	22N	115	18E	638034	25045	199	34	20	54	14	45	-0	25	ND		2.738
25	6	21	48.804	2290	70	39.55N	115	37.03E	70	14N	115	9E	637801	25046	199	26	21	3	14	45	-0	25	ND		2.744
26	6	21	51.089	2285	70	30.70N	115	27.68E	70	5N	115	0E	637568	25046	199	18	21	12	14	45	-0	25	ND		2.750
27	6	21	53.379	2290	70	21.82N	115	18.43E	69	56N	114	51E	637336	25047	199	11	21	21	14	45	-0	25	ND		2.744
28	6	21	55.663	2285	70	12.96N	115	9.33E	69	47N	114	42E	637104	25047	199	3	21	30	14	46	-0	25	ND		2.750
29	6	21	57.948	2285	70	4.09N	115	0.35E	69	38N	114	34E	636872	25048	198	56	21	39	14	46	-0	25	ND		2.750
30	6	22	0.238	2290	69	55.19N	114	51.47E	69	29N	114	25E	636640	25048	198	48	21	48	14	46	-0	25	ND		2.744
31	6	22	2.519	2280	69	46.32N	114	42.74E	69	20N	114	17E	636409	25049	198	41	21	58	14	46	-0	25	ND		2.756
32	6	22	4.804	2285	69	37.43N	114	34.11E	69	11N	114	8E	636178	25049	198	34	22	7	14	46	-0	25	ND		2.750
33	6	22	7.083	2280	69	28.56N	114	25.61E	69	2N	114	0E	635948	25050	198	27	22	16	14	46	-0	25	ND		2.756
34	6	22	9.358	2275	69	19.69N	114	17.23E	68	54N	113	52E	635719	25050	198	21	22	25	14	46	-0	25	ND		2.762
35	6	22	11.639	2280	69	10.80N	114	8.94E	68	45N	113	44E	635490	25051	198	14	22	34	14	46	-0	25	ND		2.756
36	6	22	13.913	2275	69	1.92N	114	0.78E	68	36N	113	36E	635261	25052	198	7	22	43	14	46	-0	25	ND		2.762
37	6	22	16.188	2275	68	53.04N	113	52.71E	68	27N	113	29E	635033	25052	198	1	22	52	14	46	-0	25	ND		2.762
38	6	22	18.464	2275	68	44.15N	113	44.75E	68	18N	113	21E	634805	25053	197	55	23	1	14	46	-0	25	ND		2.762
39	6	22	20.733	2270	68	35.28N	113	36.90E	68	9N	113	13E	634578	25053	197	48	23	10	14	46	-0	25	ND		2.768
40	6	22	23.004	2270	68	26.39N	113	29.14E	68	0N	113	6E	634351	25054	197	42	23	19	14	46	-0	25	ND		2.768
41	6	22	25.278	2275	68	17.49N	113	21.46E	67	51N	112	59E	634124	25054	197	36	23	28	14	46	-0	26	ND		2.762
42	6	22	27.544	2266	68	8.62N	113	13.91E	67	42N	112	51E	633898	25055	197	30	23	37	14	46	-0	26	ND		2.773
43	6	22	29.818	2274	67	59.70N	113	6.41E	67	33N	112	44E	633672	25055	197	24	23	46	14	46	-0	26	ND		2.763
44	6	22	32.083	2265	67	50.82N	112	59.03E	67	25N	112	37E	633447	25056	197	18	23	55	14	46	-0	27	ND		2.774
45	6	22	34.354	2270	67	41.91N	112	51.72E	67	16N	112	30E	633222	25056	197	13	24	4	14	46	-0	27	ND		2.768

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	6	22	36.614	2261	67 33.04N	112 44.53E	67 7N	112 23E	632998	25057	197	7	24	13	14 46	-0 27	ND	2.779
47	6	22	38.880	2265	67 24.14N	112 37.40E	66 58N	112 16E	632774	25057	197	2	24	22	14 46	-0 27	ND	2.774
48	6	22	41.148	2269	67 15.23N	112 30.35E	66 49N	112 9E	632550	25058	196	56	24	31	14 46	-0 27	ND	2.769
49	6	22	43.408	2260	67 6.34N	112 23.40E	66 40N	112 3E	632327	25058	196	51	24	39	14 45	-0 27	ND	2.780
50	6	22	45.674	2265	66 57.43N	112 16.51E	66 31N	111 56E	632104	25059	196	45	24	48	14 45	-0 27	ND	2.774
51	6	22	47.934	2260	66 48.53N	112 9.71E	66 22N	111 49E	631882	25060	196	40	24	57	14 45	-0 27	ND	2.780
52	6	22	50.193	2260	66 39.64N	112 2.99E	66 13N	111 43E	631661	25060	196	35	25	6	14 45	-0 27	ND	2.780
53	6	22	52.453	2260	66 30.73N	111 56.34E	66 4N	111 36E	631440	25061	196	30	25	15	14 45	-0 27	ND	2.780
54	6	22	54.714	2260	66 21.82N	111 49.76E	65 56N	111 30E	631219	25061	196	25	25	24	14 45	-0 26	ND	2.780
55	6	22	56.969	2255	66 12.93N	111 43.27E	65 47N	111 24E	630998	25062	196	20	25	33	14 44	-0 26	ND	2.786
56	6	22	59.229	2260	66 4.02N	111 36.84E	65 38N	111 18E	630779	25062	196	15	25	42	14 44	-0 26	ND	2.780
57	6	23	1.483	2255	65 55.12N	111 30.48E	65 29N	111 12E	630559	25063	196	11	25	51	14 44	-0 26	ND	2.786
58	6	23	3.738	2255	65 46.21N	111 24.20E	65 20N	111 6E	630341	25063	196	6	26	0	14 44	-0 26	ND	2.786
59	6	23	5.993	2255	65 37.30N	111 17.97E	65 11N	111 0E	630122	25064	196	1	26	9	14 44	-0 25	ND	2.786
60	6	23	8.248	2255	65 28.39N	111 11.81E	65 2N	110 54E	629904	25064	195	57	26	18	14 43	-0 24	ND	2.786
61	6	23	10.498	2250	65 19.50N	111 5.73E	64 53N	110 48E	629687	25065	195	52	26	27	14 43	-0 23	ND	2.793
62	6	23	12.749	2251	65 10.59N	110 59.71E	64 44N	110 42E	629470	25065	195	48	26	36	14 43	-0 23	ND	2.791
63	6	23	15.004	2254	65 1.67N	110 53.74E	64 35N	110 36E	629253	25066	195	43	26	44	14 43	-0 22	ND	2.788
64	6	23	17.254	2250	64 52.77N	110 47.84E	64 27N	110 31E	629037	25066	195	39	26	53	14 43	-0 21	ND	2.793
65	6	23	19.504	2250	64 43.86N	110 41.99E	64 18N	110 25E	628822	25067	195	35	27	2	14 42	-0 21	ND	2.793
66	6	23	21.748	2245	64 34.96N	110 36.22E	64 9N	110 20E	628607	25067	195	30	27	11	14 42	-0 20	ND	2.799
67	6	23	23.998	2250	64 26.05N	110 30.50E	64 0N	110 14E	628393	25068	195	26	27	20	14 42	-0 19	ND	2.793
68	6	23	26.243	2245	64 17.15N	110 24.84E	63 51N	110 9E	628179	25068	195	22	27	29	14 42	-0 18	ND	2.799
69	6	23	28.493	2250	64 8.22N	110 19.22E	63 42N	110 3E	627965	25069	195	18	27	38	14 41	-0 18	ND	2.793
70	6	23	30.738	2245	63 59.32N	110 13.67E	63 33N	109 58E	627752	25069	195	14	27	47	14 41	-0 18	ND	2.799
71	6	23	32.980	2242	63 50.42N	110 8.17E	63 24N	109 53E	627540	25070	195	10	27	55	14 41	-0 17	ND	2.802
72	6	23	35.229	2248	63 41.49N	110 2.72E	63 15N	109 47E	627328	25070	195	6	28	4	14 40	-0 16	ND	2.795
73	6	23	37.470	2241	63 32.59N	109 57.33E	63 6N	109 42E	627117	25071	195	3	28	13	14 40	-0 16	ND	2.804
74	6	23	39.719	2249	63 23.66N	109 51.97E	62 57N	109 37E	626906	25071	194	59	28	22	14 40	-0 16	ND	2.794
75	6	23	41.969	2250	63 14.71N	109 46.66E	62 49N	109 32E	626694	25072	194	55	28	31	14 40	-0 16	ND	2.793
76	6	23	44.208	2240	63 5.81N	109 41.43E	62 40N	109 27E	626485	25072	194	51	28	40	14 39	-0 15	ND	2.805
77	6	23	46.453	2245	62 56.88N	109 36.22E	62 31N	109 22E	626275	25073	194	48	28	49	14 39	-0 15	ND	2.799
78	6	23	48.693	2240	62 47.97N	109 31.08E	62 22N	109 17E	626066	25073	194	44	28	58	14 39	-0 14	ND	2.805
79	6	23	50.938	2245	62 39.04N	109 25.97E	62 13N	109 12E	625857	25074	194	41	29	6	14 39	-0 14	ND	2.799
80	6	23	53.179	2240	62 30.12N	109 20.92E	62 4N	109 7E	625650	25074	194	37	29	15	14 39	-0 14	ND	2.805
81	6	23	55.424	2245	62 21.18N	109 15.90E	61 55N	109 2E	625442	25075	194	34	29	24	14 38	-0 14	ND	2.799
82	6	23	57.658	2235	62 12.28N	109 10.94E	61 46N	108 57E	625235	25075	194	30	29	33	14 38	-0 14	ND	2.811
83	6	23	59.898	2240	62 3.36N	109 6.02E	61 37N	108 52E	625029	25076	194	27	29	42	14 37	-0 13	ND	2.805
84	6	24	2.144	2245	61 54.41N	109 1.13E	61 28N	108 48E	624822	25076	194	24	29	51	14 37	-0 13	ND	2.799
85	6	24	4.379	2235	61 45.50N	108 56.30E	61 19N	108 43E	624618	25077	194	20	29	59	14 36	-0 13	ND	2.811
86	6	24	6.614	2236	61 36.58N	108 51.52E	61 11N	108 38E	624414	25077	194	17	30	8	14 36	-0 13	ND	2.810
87	6	24	8.854	2240	61 27.65N	108 46.76E	61 2N	108 34E	624209	25078	194	14	30	17	14 36	-0 12	ND	2.805
88	6	24	11.094	2239	61 18.71N	108 42.05E	60 53N	108 29E	624005	25078	194	11	30	26	14 36	-0 12	ND	2.806
89	6	24	13.328	2235	61 9.80N	108 37.38E	60 44N	108 25E	623803	25079	194	8	30	35	14 35	-0 12	ND	2.811
90	6	24	15.563	2235	61 0.87N	108 32.75E	60 35N	108 20E	623600	25079	194	5	30	44	14 35	-0 12	ND	2.811

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
91	6	24	17.804	2240	60	51.93N	108	28.15E	60	26N	108	16E	623398	25080	194 1	30 52	14 35	-0 12	ND	2.805
92	6	24	20.038	2235	60	43.00N	108	23.60E	60	17N	108	11E	623197	25080	193 59	31 1	14 34	-0 12	ND	2.811
93	6	24	22.273	2235	60	34.07N	108	19.08E	60	8N	108	7E	622996	25081	193 56	31 10	14 34	-0 12	ND	2.811
94	6	24	24.510	2236	60	25.14N	108	14.60E	59	59N	108	2E	622796	25081	193 53	31 19	14 33	-0 13	ND	2.810
95	6	24	26.748	2239	60	16.19N	108	10.15E	59	50N	107	58E	622595	25082	193 50	31 28	14 33	-0 13	ND	2.806
96	6	24	28.983	2235	60	7.25N	108	5.73E	59	41N	107	54E	622396	25082	193 47	31 37	14 32	-0 13	ND	2.811
97	6	24	31.224	2240	59	58.29N	108	1.35E	59	32N	107	50E	622198	25083	193 44	31 45	14 32	-0 13	ND	2.805
98	6	24	33.453	2230	59	49.38N	107	57.02E	59	23N	107	45E	622000	25083	193 41	31 54	14 31	-0 14	ND	2.818
99	6	24	35.688	2235	59	40.43N	107	52.71E	59	15N	107	41E	621802	25084	193 38	32 3	14 31	-0 14	ND	2.811
100	6	24	37.924	2235	59	31.49N	107	48.43E	59	6N	107	37E	621605	25084	193 36	32 12	14 30	-0 15	ND	2.811
101	6	24	40.158	2235	59	22.54N	107	44.19E	58	57N	107	33E	621409	25084	193 33	32 21	14 30	-0 15	ND	2.811
102	6	24	42.389	2230	59	13.61N	107	39.99E	58	48N	107	29E	621213	25085	193 30	32 29	14 29	-0 16	ND	2.818
103	6	24	44.623	2235	59	4.67N	107	35.81E	58	39N	107	24E	621018	25085	193 28	32 38	14 29	-0 16	ND	2.811
104	6	24	46.854	2230	58	55.73N	107	31.68E	58	30N	107	20E	620824	25086	193 25	32 47	14 29	-0 17	ND	2.818
105	6	24	49.089	2235	58	46.78N	107	27.56E	58	21N	107	16E	620630	25086	193 23	32 56	14 28	-0 17	ND	2.811
106	6	24	51.318	2230	58	37.84N	107	23.48E	58	12N	107	12E	620437	25087	193 20	33 5	14 28	-0 18	ND	2.818
107	6	24	53.554	2235	58	28.88N	107	19.42E	58	3N	107	8E	620244	25087	193 18	33 14	14 28	-0 18	ND	2.811
108	6	24	55.783	2230	58	19.94N	107	15.41E	57	54N	107	4E	620052	25088	193 15	33 22	14 28	-0 19	ND	2.818
109	6	24	58.014	2230	58	11.00N	107	11.42E	57	45N	107	0E	619861	25088	193 13	33 31	14 27	-0 19	ND	2.818
110	6	25	0.243	2230	58	2.06N	107	7.46E	57	36N	106	57E	619670	25089	193 10	33 40	14 27	-0 20	ND	2.818
111	6	25	2.474	2230	57	53.11N	107	3.53E	57	27N	106	53E	619480	25089	193 8	33 49	14 27	-0 21	ND	2.818
112	6	25	4.703	2230	57	44.17N	106	59.62E	57	18N	106	49E	619291	25090	193 6	33 58	14 27	-0 21	ND	2.818
113	6	25	6.938	2235	57	35.19N	106	55.73E	57	10N	106	45E	619101	25090	193 3	34 6	14 27	-0 22	ND	2.811
114	6	25	9.168	2230	57	26.25N	106	51.89E	57	1N	106	41E	618913	25090	193 1	34 15	14 27	-0 21	ND	2.818
115	6	25	11.398	2230	57	17.29N	106	48.06E	56	52N	106	37E	618726	25091	192 59	34 24	14 27	-0 23	ND	2.818
116	6	25	13.629	2230	57	8.33N	106	44.26E	56	43N	106	34E	618538	25091	192 56	34 33	14 27	-0 23	ND	2.818
117	6	25	15.858	2230	56	59.38N	106	40.49E	56	34N	106	30E	618352	25092	192 54	34 42	14 27	-0 23	ND	2.818
118	6	25	18.089	2230	56	50.42N	106	36.75E	56	25N	106	26E	618166	25092	192 52	34 50	14 27	-0 23	ND	2.818
119	6	25	20.318	2230	56	41.46N	106	33.03E	56	16N	106	23E	617981	25093	192 50	34 59	14 27	-0 23	ND	2.818
120	6	25	22.549	2230	56	32.50N	106	29.33E	56	7N	106	19E	617797	25093	192 48	35 8	14 27	-0 23	ND	2.818
121	6	25	24.778	2230	56	23.54N	106	25.66E	55	58N	106	15E	617613	25094	192 45	35 17	14 27	-0 24	ND	2.818
122	6	25	27.009	2230	56	14.57N	106	22.01E	55	49N	106	12E	617430	25094	192 43	35 25	14 27	-0 24	ND	2.818
123	6	25	29.238	2230	56	5.61N	106	18.39E	55	40N	106	8E	617248	25094	192 41	35 34	14 27	-0 24	ND	2.818
124	6	25	31.469	2230	55	56.64N	106	14.79E	55	31N	106	5E	617066	25095	192 39	35 43	14 28	-0 24	ND	2.818
125	6	25	33.694	2226	55	47.69N	106	11.22E	55	22N	106	1E	616885	25095	192 37	35 52	14 28	-0 24	ND	2.823
126	6	25	35.924	2229	55	38.72N	106	7.67E	55	13N	105	58E	616704	25096	192 35	36 1	14 28	-0 24	ND	2.819
127	6	25	38.148	2225	55	29.77N	106	4.14E	55	4N	105	54E	616525	25096	192 33	36 9	14 29	-0 24	ND	2.824
128	6	25	40.379	2230	55	20.79N	106	0.64E	54	55N	105	51E	616345	25097	192 31	36 18	14 29	-0 24	ND	2.818
129	6	25	42.604	2225	55	11.84N	105	57.16E	54	46N	105	48E	616168	25097	192 29	36 27	14 29	-0 25	ND	2.824
130	6	25	44.833	2230	55	2.86N	105	53.69E	54	37N	105	44E	615990	25097	192 27	36 36	14 29	-0 25	ND	2.818
131	6	25	47.059	2225	54	53.90N	105	50.26E	54	28N	105	41E	615814	25098	192 25	36 45	14 30	-0 25	ND	2.824
132	6	25	49.288	2230	54	44.92N	105	46.84E	54	19N	105	37E	615637	25098	192 24	36 53	14 30	-0 25	ND	2.818
133	6	25	51.509	2220	54	35.98N	105	43.45E	54	10N	105	34E	615462	25099	192 22	37 2	14 30	-0 25	ND	2.830
134	6	25	53.738	2230	54	27.00N	105	40.07E	54	1N	105	31E	615287	25099	192 20	37 11	14 31	-0 25	ND	2.818
135	6	25	55.965	2226	54	18.03N	105	36.72E	53	52N	105	27E	615113	25100	192 18	37 20	14 31	-0 25	ND	2.823

Approved For Release 2001/08/09 : CIA-RDP78T05439A000300140004-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	6	25	58.189	2225	54	9.06N	105	33.38E	53	43N	105	24E	614940	25100	192	16	37	28	14	31	-0	25	ND		2.824
137	6	26	0.418	2229	54	0.08N	105	30.07E	53	34N	105	21E	614767	25100	192	14	37	37	14	32	-0	25	ND		2.819
138	6	26	2.644	2225	53	51.11N	105	26.77E	53	25N	105	18E	614595	25101	192	13	37	46	14	32	-0	25	ND		2.824
139	6	26	4.879	2235	53	42.10N	105	23.49E	53	16N	105	14E	614423	25101	192	11	37	55	14	32	-0	25	ND		2.811
140	6	26	7.104	2225	53	33.13N	105	20.23E	53	7N	105	11E	614253	25102	192	9	38	4	14	33	-0	25	ND		2.824
141	6	26	9.328	2225	53	24.16N	105	17.00E	52	58N	105	8E	614083	25102	192	7	38	12	14	33	-0	25	ND		2.824
142	6	26	11.559	2230	53	15.17N	105	13.77E	52	49N	105	5E	613914	25102	192	6	38	21	14	33	-0	24	ND		2.818
143	6	26	13.788	2230	53	6.17N	105	10.57E	52	40N	105	2E	613746	25103	192	4	38	30	14	33	-0	24	ND		2.818
144	6	26	16.009	2220	52	57.21N	105	7.40E	52	31N	104	59E	613579	25103	192	2	38	39	14	34	-0	24	ND		2.830
145	6	26	18.234	2226	52	48.23N	105	4.23E	52	22N	104	56E	613412	25104	192	1	38	47	14	34	-0	24	ND		2.823
146	6	26	20.464	2229	52	39.24N	105	1.08E	52	13N	104	53E	613246	25104	191	59	38	56	14	35	-0	24	ND		2.819
147	6	26	22.685	2221	52	30.27N	104	57.96E	52	4N	104	49E	613081	25104	191	58	39	5	14	35	-0	24	ND		2.829
148	6	26	24.908	2224	52	21.30N	104	54.86E	51	55N	104	46E	612917	25105	191	56	39	14	14	36	-0	24	ND		2.825
149	6	26	27.139	2230	52	12.29N	104	51.76E	51	46N	104	43E	612753	25105	191	54	39	22	14	36	-0	24	ND		2.818
150	6	26	29.363	2225	52	3.31N	104	48.68E	51	38N	104	40E	612590	25106	191	53	39	31	14	37	-0	24	ND		2.824
151	6	26	31.589	2225	51	54.32N	104	45.62E	51	28N	104	37E	612428	25106	191	51	39	40	14	37	-0	23	ND		2.824
152	6	26	33.813	2225	51	45.34N	104	42.58E	51	19N	104	34E	612266	25106	191	50	39	49	14	38	-0	23	ND		2.824
153	6	26	36.038	2225	51	36.35N	104	39.56E	51	10N	104	31E	612106	25107	191	48	39	57	14	38	-0	23	ND		2.824
154	6	26	38.264	2225	51	27.36N	104	36.55E	51	1N	104	28E	611947	25107	191	47	40	6	14	39	-0	22	ND		2.824
155	6	26	40.484	2221	51	18.39N	104	33.56E	50	53N	104	26E	611788	25108	191	45	40	15	14	39	-0	22	ND		2.829
156	6	26	42.708	2224	51	9.41N	104	30.59E	50	44N	104	23E	611630	25108	191	44	40	24	14	40	-0	22	ND		2.825
157	6	26	44.934	2225	51	0.41N	104	27.62E	50	35N	104	20E	611473	25108	191	43	40	32	14	40	-0	22	ND		2.824
158	6	26	47.153	2220	50	51.44N	104	24.68E	50	26N	104	17E	611316	25109	191	41	40	41	14	41	-0	21	ND		2.830
159	6	26	49.380	2226	50	42.44N	104	21.75E	50	16N	104	14E	611160	25109	191	40	40	50	14	41	-0	21	ND		2.823
160	6	26	51.608	2229	50	33.43N	104	18.83E	50	7N	104	11E	611005	25109	191	38	40	59	14	42	-0	21	ND		2.819
161	6	26	53.828	2220	50	24.45N	104	15.93E	49	59N	104	8E	610852	25110	191	37	41	7	14	42	-0	21	ND		2.830
162	6	26	56.054	2225	50	15.45N	104	13.05E	49	49N	104	5E	610698	25110	191	36	41	16	14	43	-0	20	ND		2.824
163	6	26	58.273	2220	50	6.48N	104	10.18E	49	40N	104	3E	610546	25111	191	34	41	25	14	43	-0	20	ND		2.830
164	6	27	0.498	2225	49	57.48N	104	7.33E	49	31N	104	0E	610395	25111	191	33	41	34	14	44	-0	20	ND		2.824
165	6	27	2.724	2225	49	48.47N	104	4.48E	49	22N	103	57E	610244	25111	191	32	41	42	14	44	-0	19	ND		2.824
166	6	28	53.594	10870	42	18.77N	101	57.80E	41	53N	101	52E	603881	25127	190	40	48	55	14	48	-0	18	ND		0.057
167	6	28	56.818	3225	42	5.66N	101	54.48E	41	40N	101	49E	603732	25127	190	39	49	7	14	47	-0	17	ND		1.948
168	6	28	59.358	2540	41	55.34N	101	51.88E	41	29N	101	46E	603616	25128	190	38	49	17	14	46	-0	15	ND		2.474
169	6	29	1.719	2360	41	45.74N	101	49.47E	41	20N	101	44E	603510	25128	190	37	49	26	14	45	-0	14	ND		2.662
170	6	29	4.014	2295	41	36.40N	101	47.14E	41	11N	101	42E	603408	25128	190	36	49	35	14	44	-0	13	ND		2.738
171	6	29	6.278	2265	41	27.19N	101	44.84E	41	1N	101	40E	603309	25128	190	36	49	44	14	43	-0	11	ND		2.774
172	6	29	8.528	2250	41	18.04N	101	42.57E	40	52N	101	37E	603211	25129	190	35	49	52	14	42	-0	10	ND		2.793
173	6	29	10.773	2245	41	8.91N	101	40.31E	40	43N	101	35E	603114	25129	190	34	50	1	14	41	-0	9	ND		2.799
174	6	29	13.010	2236	40	59.81N	101	38.07E	40	34N	101	33E	603019	25129	190	33	50	9	14	40	-0	8	ND		2.810
175	6	29	15.248	2239	40	50.71N	101	35.84E	40	25N	101	31E	602925	25129	190	33	50	18	14	39	-0	6	ND		2.806
176	6	29	17.483	2235	40	41.61N	101	33.61E	40	16N	101	29E	602833	25130	190	32	50	27	14	38	-0	5	ND		2.811
177	6	29	19.719	2235	40	32.52N	101	31.39E	40	7N	101	27E	602741	25130	190	31	50	35	14	37	-0	4	ND		2.811
178	6	29	21.948	2230	40	23.45N	101	29.19E	39	58N	101	24E	602650	25130	190	31	50	44	14	37	-0	3	ND		2.818
179	6	29	24.179	2230	40	14.37N	101	26.99E	39	49N	101	22E	602561	25130	190	30	50	52	14	36	-0	2	ND		2.818
180	6	29	26.403	2225	40	5.31N	101	24.80E	39	40N	101	20E	602473	25130	190	29	51	1	14	35	-0	1	ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG MIN	SCAN RATE
181	6	29	28.634	2230	39	56.24N	101	22.62E	39	31N	101	18E	602386	25131	190	28	51	10	14	34	-0	1	ND	2.818
182	6	29	30.858	2225	39	47.18N	101	20.45E	39	22N	101	16E	602300	25131	190	28	51	18	14	33	0	1	ND	2.824
183	6	29	33.089	2230	39	38.10N	101	18.28E	39	13N	101	14E	602216	25131	190	27	51	27	14	32	0	1	ND	2.818
184	6	29	35.313	2225	39	29.05N	101	16.12E	39	4N	101	12E	602131	25131	190	26	51	35	14	32	0	2	ND	2.824
185	6	29	37.543	2230	39	19.97N	101	13.97E	38	55N	101	10E	602049	25131	190	26	51	44	14	31	0	3	ND	2.818
186	6	29	39.769	2225	39	10.91N	101	11.82E	38	45N	101	8E	601968	25132	190	25	51	52	14	31	0	4	ND	2.824
187	6	29	41.998	2230	39	1.83N	101	9.68E	38	36N	101	5E	601887	25132	190	25	52	1	14	30	0	5	ND	2.818
188	6	29	44.224	2225	38	52.77N	101	7.55E	38	27N	101	3E	601808	25132	190	24	52	9	14	29	0	6	ND	2.824
189	6	29	46.448	2225	38	43.71N	101	5.43E	38	18N	101	1E	601730	25132	190	23	52	18	14	29	0	6	ND	2.824
190	6	29	48.669	2221	38	34.66N	101	3.31E	38	9N	100	59E	601654	25132	190	23	52	26	14	28	0	7	ND	2.829
191	6	29	50.894	2224	38	25.60N	101	1.20E	38	0N	100	57E	601578	25133	190	22	52	35	14	27	0	8	ND	2.825
192	6	29	53.123	2230	38	16.52N	100	59.09E	37	51N	100	55E	601503	25133	190	21	52	43	14	27	0	8	ND	2.818
193	6	29	55.344	2220	38	7.48N	100	57.00E	37	42N	100	53E	601431	25133	190	21	52	52	14	27	0	9	ND	2.830
194	6	29	57.569	2226	37	58.41N	100	54.91E	37	33N	100	51E	601359	25133	190	20	53	0	14	26	0	10	ND	2.823
195	6	29	59.793	2224	37	49.35N	100	52.82E	37	24N	100	49E	601287	25133	190	20	53	9	14	26	0	11	ND	2.825
196	6	30	2.014	2220	37	40.30N	100	50.75E	37	15N	100	47E	601217	25134	190	19	53	17	14	25	0	11	ND	2.830
197	6	30	4.238	2225	37	31.24N	100	48.68E	37	6N	100	45E	601148	25134	190	18	53	26	14	25	0	12	ND	2.824
198	6	30	6.464	2225	37	22.17N	100	46.61E	36	57N	100	43E	601081	25134	190	18	53	34	14	24	0	13	ND	2.824
199	6	30	8.685	2221	37	13.12N	100	44.55E	36	48N	100	41E	601015	25134	190	17	53	43	14	24	0	13	ND	2.829
200	6	30	10.908	2224	37	4.06N	100	42.50E	36	39N	100	39E	600950	25134	190	17	53	51	14	23	0	14	ND	2.825
201	6	30	13.134	2225	36	54.99N	100	40.45E	36	30N	100	37E	600886	25134	190	16	54	0	14	23	0	14	ND	2.824
202	6	30	15.358	2225	36	45.92N	100	38.41E	36	21N	100	35E	600823	25135	190	16	54	8	14	22	0	15	ND	2.824
203	6	30	17.578	2220	36	36.88N	100	36.37E	36	12N	100	33E	600761	25135	190	15	54	17	14	22	0	16	ND	2.830
204	6	30	19.800	2221	36	27.82N	100	34.35E	36	3N	100	31E	600701	25135	190	14	54	25	14	21	0	16	ND	2.829
205	6	30	22.019	2219	36	18.78N	100	32.33E	35	54N	100	29E	600642	25135	190	14	54	34	14	21	0	17	ND	2.832
206	6	30	24.243	2225	36	9.71N	100	30.31E	35	45N	100	27E	600584	25135	190	13	54	42	14	21	0	17	ND	2.824
207	6	30	26.464	2220	36	0.65N	100	28.30E	35	36N	100	25E	600528	25135	190	13	54	51	14	21	0	18	ND	2.830
208	6	30	28.684	2220	35	51.60N	100	26.29E	35	26N	100	23E	600471	25136	190	12	54	59	14	21	0	18	ND	2.830
209	6	30	30.903	2220	35	42.55N	100	24.29E	35	17N	100	21E	600417	25136	190	12	55	7	14	20	0	18	ND	2.830
210	6	30	33.123	2220	35	33.50N	100	22.30E	35	8N	100	19E	600364	25136	190	11	55	16	14	20	0	18	ND	2.830
211	6	30	35.350	2226	35	24.42N	100	20.31E	34	59N	100	17E	600312	25136	190	11	55	24	14	19	0	18	ND	2.823
212	6	30	37.564	2215	35	15.39N	100	18.33E	34	50N	100	15E	600262	25136	190	10	55	33	14	19	0	18	ND	2.837
213	6	30	39.788	2224	35	6.32N	100	16.35E	34	41N	100	13E	600212	25136	190	10	55	41	14	19	0	18	ND	2.825
214	6	30	42.010	2221	34	57.26N	100	14.37E	34	32N	100	11E	600164	25136	190	9	55	50	14	19	0	18	ND	2.829
215	6	30	44.233	2224	34	48.19N	100	12.40E	34	23N	100	9E	600117	25136	190	9	55	58	14	19	0	17	ND	2.825
216	6	30	46.453	2220	34	39.13N	100	10.44E	34	14N	100	7E	600071	25137	190	8	56	6	14	19	0	17	ND	2.830
217	6	30	48.674	2220	34	30.08N	100	8.48E	34	5N	100	5E	600026	25137	190	8	56	15	14	19	0	17	ND	2.830
218	6	30	50.894	2220	34	21.02N	100	6.53E	33	56N	100	3E	599983	25137	190	7	56	23	14	19	0	16	ND	2.830
219	6	30	53.118	2225	34	11.94N	100	4.58E	33	47N	100	1E	599941	25137	190	7	56	32	14	18	0	16	ND	2.824
220	6	30	55.339	2220	34	2.88N	100	2.64E	33	38N	99	59E	599900	25137	190	6	56	40	14	18	0	15	ND	2.830
221	6	30	57.559	2220	33	53.83N	100	0.70E	33	29N	99	57E	599860	25137	190	6	56	48	14	18	0	15	ND	2.830
222	6	30	59.779	2221	33	44.77N	99	58.77E	33	20N	99	55E	599822	25137	190	5	56	57	14	18	0	14	ND	2.829
223	6	31	2.004	2224	33	35.69N	99	56.84E	33	11N	99	54E	599785	25137	190	5	57	5	14	18	0	14	ND	2.825
224	6	31	4.224	2220	33	26.63N	99	54.91E	33	2N	99	52E	599749	25137	190	5	57	14	14	18	0	13	ND	2.830
225	6	31	6.444	2221	33	17.57N	99	52.99E	32	53N	99	50E	599714	25138	190	4	57	22	14	18	0	13	ND	2.829

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	6	31	8.663	2219	33	8.51N	99	51.08E	32	44N	99	48E	599681	25138	190	4	57	30	14	18	0	12	ND		2.832
227	6	31	10.884	2220	32	59.45N	99	49.17E	32	34N	99	46E	599649	25138	190	3	57	39	14	18	0	12	ND		2.830
228	6	31	13.104	2220	32	50.39N	99	47.27E	32	25N	99	44E	599618	25138	190	3	57	47	14	19	0	11	ND		2.830
229	6	31	15.319	2216	32	41.34N	99	45.37E	32	16N	99	42E	599589	25138	190	2	57	55	14	19	0	10	ND		2.835
230	6	31	17.538	2219	32	32.29N	99	43.48E	32	7N	99	40E	599560	25138	190	2	58	4	14	19	0	10	ND		2.832
231	6	31	19.764	2225	32	23.20N	99	41.58E	31	58N	99	38E	599534	25138	190	2	58	12	14	20	0	9	ND		2.824
232	6	31	21.983	2220	32	14.14N	99	39.70E	31	49N	99	36E	599508	25138	190	1	58	20	14	21	0	8	ND		2.830
233	6	31	24.198	2215	32	5.10N	99	37.82E	31	40N	99	34E	599484	25138	190	1	58	29	14	22	0	7	ND		2.837
234	6	31	26.418	2220	31	56.04N	99	35.94E	31	31N	99	32E	599460	25138	190	0	58	37	14	23	0	6	ND		2.830
235	6	31	28.634	2215	31	46.99N	99	34.07E	31	22N	99	31E	599438	25138	190	0	58	45	14	25	0	6	ND		2.837
236	6	31	30.854	2220	31	37.93N	99	32.20E	31	13N	99	29E	599418	25138	190	0	58	54	14	26	0	5	ND		2.830
237	6	31	33.073	2220	31	28.86N	99	30.34E	31	4N	99	27E	599399	25138	189	59	59	2	14	28	0	5	ND		2.830
238	6	31	35.293	2220	31	19.80N	99	28.48E	30	54N	99	25E	599380	25138	189	59	59	10	14	29	0	4	ND		2.830
239	6	31	37.509	2215	31	10.75N	99	26.63E	30	45N	99	23E	599365	25139	189	58	59	19	14	30	0	4	ND		2.837
240	6	31	39.729	2220	31	1.68N	99	24.78E	30	36N	99	21E	599349	25139	189	58	59	27	14	31	0	4	ND		2.830
241	6	31	41.948	2220	30	52.62N	99	22.93E	30	27N	99	19E	599335	25139	189	58	59	35	14	32	0	3	ND		2.830
242	6	31	44.168	2220	30	43.55N	99	21.08E	30	18N	99	18E	599322	25139	189	57	59	44	14	33	0	3	ND		2.830
243	6	31	46.384	2215	30	34.50N	99	19.25E	30	9N	99	16E	599311	25139	189	57	59	52	14	34	0	3	ND		2.837
244	6	31	48.604	2220	30	25.43N	99	17.41E	30	0N	99	14E	599300	25139	189	57	60	0	14	35	0	2	ND		2.830
245	6	31	50.823	2220	30	16.37N	99	15.58E	29	51N	99	12E	599292	25139	189	56	60	8	14	36	0	2	ND		2.830
246	6	31	53.043	2220	30	7.30N	99	13.75E	29	42N	99	10E	599284	25139	189	56	60	17	14	36	0	2	ND		2.830
247	6	31	55.264	2220	29	58.23N	99	11.93E	29	33N	99	8E	599278	25139	189	55	60	25	14	36	0	2	ND		2.830
248	6	31	57.483	2220	29	49.16N	99	10.11E	29	24N	99	7E	599273	25139	189	55	60	33	14	36	0	2	ND		2.830
249	6	31	59.708	2225	29	40.07N	99	8.29E	29	15N	99	5E	599270	25139	189	55	60	41	14	36	0	2	ND		2.824
250	6	32	1.924	2215	29	31.02N	99	6.48E	29	5N	99	3E	599268	25139	189	54	60	49	14	37	0	1	ND		2.837
251	6	32	4.139	2215	29	21.97N	99	4.67E	28	56N	99	1E	599267	25139	189	54	60	58	14	36	0	1	ND		2.837
252	6	32	6.358	2220	29	12.90N	99	2.87E	28	47N	98	59E	599267	25139	189	54	61	6	14	36	0	1	ND		2.830
253	6	32	8.583	2225	29	3.81N	99	1.06E	28	38N	98	58E	599270	25139	189	53	61	14	14	37	0	1	ND		2.824
254	6	32	10.804	2220	28	54.73N	98	59.26E	28	29N	98	56E	599273	25139	189	53	61	22	14	37	0	1	ND		2.830
255	6	32	13.023	2220	28	45.66N	98	57.47E	28	20N	98	54E	599277	25139	189	53	61	30	14	37	0	1	ND		2.830
256	6	32	15.243	2220	28	36.59N	98	55.68E	28	11N	98	52E	599283	25139	189	52	61	38	14	38	0	1	ND		2.830
257	6	32	17.464	2220	28	27.52N	98	53.89E	28	2N	98	50E	599290	25139	189	52	61	46	14	38	0	1	ND		2.830
258	6	32	19.684	2220	28	18.45N	98	52.10E	27	53N	98	49E	599299	25139	189	52	61	55	14	38	0	1	ND		2.830
259	6	32	21.903	2220	28	9.37N	98	50.32E	27	44N	98	47E	599309	25139	189	51	62	3	14	38	0	1	ND		2.830
260	6	32	24.123	2220	28	0.30N	98	48.55E	27	35N	98	45E	599320	25139	189	51	62	11	14	38	0	1	ND		2.830
261	6	32	26.344	2220	27	51.22N	98	46.77E	27	26N	98	43E	599333	25139	189	51	62	19	14	38	0	1	ND		2.830
262	6	32	28.563	2220	27	42.15N	98	45.00E	27	17N	98	42E	599347	25139	189	50	62	27	14	38	0	2	ND		2.830
263	6	32	30.778	2215	27	33.10N	98	43.24E	27	8N	98	40E	599362	25139	189	50	62	35	14	38	0	2	ND		2.837
264	6	32	33.004	2225	27	24.00N	98	41.47E	26	58N	98	38E	599379	25139	189	50	62	43	14	38	0	2	ND		2.824
265	6	32	35.224	2220	27	14.92N	98	39.71E	26	49N	98	36E	599398	25139	189	50	62	51	14	38	0	2	ND		2.830
266	6	32	37.443	2220	27	5.85N	98	37.95E	26	40N	98	35E	599417	25139	189	49	62	59	14	38	0	3	ND		2.830
267	6	32	39.658	2215	26	56.80N	98	36.20E	26	31N	98	33E	599438	25139	189	49	63	7	14	38	0	3	ND		2.837
268	6	32	41.884	2225	26	47.70N	98	34.45E	26	22N	98	31E	599461	25139	189	49	63	15	14	38	0	3	ND		2.824
269	6	32	44.104	2220	26	38.62N	98	32.70E	26	13N	98	29E	599484	25139	189	48	63	23	14	38	0	3	ND		2.830
270	6	32	46.323	2220	26	29.54N	98	30.96E	26	4N	98	28E	599510	25139	189	48	63	31	14	38	0	3	ND		2.830

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FRM	Z TIME HR MI SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	CAMERA NADIR LONG DEG MIN	FORMAT CENTER LAT DEG MIN	FORMAT CENTER LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
271	6 32 48.543	2220	26 20.47N	98 29.22E	25 55N	98 26E	599536	25139	189 48	63 39	14 38	0 4	ND	2.830
272	6 32 50.764	2220	26 11.39N	98 27.48E	25 46N	98 24E	599563	25139	189 48	63 47	14 38	0 4	ND	2.830
273	6 32 52.983	2220	26 2.31N	98 25.74E	25 37N	98 23E	599593	25138	189 47	63 55	14 38	0 4	ND	2.830
274	6 32 55.203	2220	25 53.23N	98 24.01E	25 28N	98 21E	599623	25138	189 47	64 3	14 38	0 4	ND	2.824
275	6 32 57.429	2225	25 44.13N	98 22.28E	25 19N	98 19E	599656	25138	189 47	64 11	14 38	0 5	ND	2.830
276	6 32 59.648	2220	25 35.06N	98 20.55E	25 9N	98 17E	599689	25138	189 47	64 19	14 38	0 5	ND	2.830
277	6 33 1.868	2220	25 25.98N	98 18.83E	25 0N	98 16E	599725	25138	189 46	64 27	14 38	0 5	ND	2.830
278	6 33 4.089	2220	25 16.90N	98 17.11E	24 51N	98 14E	599761	25138	189 46	64 35	14 38	0 5	ND	2.824
279	6 33 6.313	2225	25 7.80N	98 15.39E	24 42N	98 12E	599798	25138	189 46	64 43	14 38	0 6	ND	2.837
280	6 33 8.528	2215	24 58.74N	98 13.68E	24 33N	98 11E	599838	25138	189 45	64 50	14 37	0 6	ND	2.830
281	6 33 10.748	2220	24 49.66N	98 11.96E	24 24N	98 9E	599878	25138	189 45	64 58	14 37	0 7	ND	2.830
282	6 33 12.969	2220	24 40.58N	98 10.25E	24 15N	98 7E	599920	25138	189 45	65 6	14 37	0 7	ND	2.824
283	6 33 15.193	2225	24 31.48N	98 8.54E	24 6N	98 6E	599964	25138	189 45	65 14	14 37	0 7	ND	2.830
284	6 33 17.413	2220	24 22.40N	98 6.84E	23 57N	98 4E	600008	25138	189 44	65 22	14 37	0 8	ND	2.824
285	6 33 19.639	2225	24 13.29N	98 5.14E	23 48N	98 2E	600055	25138	189 44	65 30	14 37	0 8	ND	2.829
286	6 33 21.859	2221	24 4.21N	98 3.44E	23 39N	98 0E	600102	25137	189 44	65 37	14 37	0 8	ND	2.825
287	6 33 24.083	2224	23 55.11N	98 1.74E	23 30N	97 59E	600151	25137	189 44	65 45	14 37	0 9	ND	2.837
288	6 33 26.299	2215	23 46.05N	98 0.05E	23 20N	97 57E	600202	25137	189 44	65 53	14 37	0 9	ND	2.824
289	6 33 28.523	2225	23 36.95N	97 58.36E	23 11N	97 55E	600254	25137	189 43	66 1	14 37	0 9	ND	2.824
290	6 33 30.748	2225	23 27.85N	97 56.67E	23 2N	97 54E	600308	25137	189 43	66 8	14 37	0 9	ND	2.830
291	6 33 32.969	2220	23 18.76N	97 54.98E	22 53N	97 52E	600362	25137	189 43	66 16	14 36	0 10	ND	2.824
292	6 33 35.193	2225	23 9.66N	97 53.30E	22 44N	97 50E	600419	25137	189 43	66 24	14 36	0 10	ND	2.830
293	6 33 37.413	2220	23 0.58N	97 51.62E	22 35N	97 49E	600476	25137	189 42	66 31	14 36	0 11	ND	2.830
294	6 33 39.634	2220	22 51.49N	97 49.94E	22 26N	97 47E	600535	25137	189 42	66 39	14 36	0 11	ND	2.824
295	6 33 41.858	2225	22 42.39N	97 48.26E	22 17N	97 45E	600596	25136	189 42	66 47	14 35	0 11	ND	2.830
296	6 33 44.078	2220	22 33.31N	97 46.59E	22 8N	97 44E	600658	25136	189 42	66 54	14 35	0 12	ND	2.835
297	6 33 46.294	2216	22 24.24N	97 44.92E	21 59N	97 42E	600721	25136	189 42	67 2	14 35	0 13	ND	2.832
298	6 33 48.514	2219	22 15.16N	97 43.25E	21 50N	97 41E	600786	25136	189 41	67 9	14 35	0 13	ND	2.830
299	6 33 50.733	2220	22 6.07N	97 41.59E	21 40N	97 39E	600852	25136	189 41	67 17	14 35	0 14	ND	2.824
300	6 33 52.958	2225	21 56.97N	97 39.92E	21 31N	97 37E	600920	25136	189 41	67 25	14 35	0 14	ND	2.830
301	6 33 55.179	2220	21 47.88N	97 38.26E	21 22N	97 36E	600990	25136	189 41	67 32	14 34	0 15	ND	2.830
302	6 37 41.244	26066	6 22.26N	94 57.96E	5 57N	94 56E	615861	25102	189 29	77 3	14 5	0 10	ND	0.028
303	6 37 44.523	3279	6 8.83N	94 55.72E	5 44N	94 53E	616192	25101	189 29	77 7	14 5	0 10	ND	1.916
304	6 37 47.113	2590	5 58.23N	94 53.95E	5 33N	94 52E	616456	25101	189 29	77 9	14 5	0 10	ND	2.426
305	6 37 49.509	2395	5 48.42N	94 52.31E	5 23N	94 50E	616702	25100	189 29	77 11	14 5	0 10	ND	2.623
306	6 37 51.829	2321	5 38.92N	94 50.73E	5 14N	94 48E	616941	25099	189 29	77 13	14 5	0 10	ND	2.707
307	6 37 54.123	2294	5 29.53N	94 49.16E	5 4N	94 47E	617180	25099	189 29	77 15	14 5	0 10	ND	2.739
308	6 37 56.394	2270	5 20.24N	94 47.61E	4 55N	94 45E	617417	25098	189 29	77 17	14 5	0 10	ND	2.768
309	6 37 58.653	2260	5 10.99N	94 46.07E	4 46N	94 44E	617656	25098	189 29	77 18	14 5	0 10	ND	2.780
310	6 38 0.913	2260	5 1.74N	94 44.53E	4 36N	94 42E	617896	25097	189 29	77 20	14 4	0 10	ND	2.780
311	6 38 3.168	2255	4 52.51N	94 42.99E	4 27N	94 41E	618136	25097	189 29	77 21	14 4	0 10	ND	2.786
312	6 38 5.418	2250	4 43.29N	94 41.46E	4 18N	94 39E	618377	25096	189 29	77 22	14 3	0 10	ND	2.793
313	6 38 7.668	2250	4 34.08N	94 39.93E	4 9N	94 38E	618621	25096	189 29	77 23	14 3	0 10	ND	2.793
314	6 38 9.913	2245	4 24.89N	94 38.40E	4 0N	94 36E	618865	25095	189 29	77 24	14 3	0 10	ND	2.799
315	6 38 12.163	2250	4 15.68N	94 36.86E	3 50N	94 34E	619111	25094	189 29	77 25	14 2	0 10	ND	2.793

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
316	6	38	14.408	2245	4	6.49N	94	35.34E	3	41N	94	33E	619359	25094	189	29	14	2	Ø	1Ø	ND		2.799
317	6	38	16.653	2245	3	57.30N	94	33.81E	3	32N	94	31E	619607	25093	189	29	14	2	Ø	1Ø	ND		2.799
318	6	38	18.898	2245	3	48.11N	94	32.28E	3	23N	94	30E	619858	25093	189	29	14	1	Ø	1Ø	ND		2.799
319	6	38	21.144	2245	3	38.92N	94	30.75E	3	14N	94	28E	620110	25092	189	29	14	1	Ø	1Ø	ND		2.799
320	6	38	23.385	2241	3	29.75N	94	29.23E	3	4N	94	27E	620362	25092	189	29	14	Ø	Ø	1Ø	ND		2.804
321	6	38	25.634	2249	3	20.55N	94	27.70E	2	55N	94	25E	620618	25091	189	29	13	60	Ø	1Ø	ND		2.794
322	6	38	27.874	2241	3	11.38N	94	26.18E	2	46N	94	24E	620874	25090	189	29	13	59	Ø	1Ø	ND		2.804
323	6	38	30.119	2245	3	2.19N	94	24.65E	2	37N	94	22E	621131	25090	189	29	13	59	Ø	1Ø	ND		2.799
324	6	38	32.363	2244	2	53.00N	94	23.12E	2	28N	94	21E	621390	25089	189	29	13	58	Ø	1Ø	ND		2.800
325	6	38	34.608	2245	2	43.81N	94	21.60E	2	19N	94	19E	621651	25089	189	29	13	58	Ø	1Ø	ND		2.799

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	7	49	10.890	0	76	19.41N	101	53.89E	75	54N	100	58E	646417	25025	206	52	15	8	14	59	-0	28	ND		1.835
2	7	49	14.313	3424	76	6.87N	101	27.45E	75	42N	100	33E	646059	25026	206	28	15	21	14	59	-0	28	ND		1.835
3	7	49	17.033	2720	75	56.87N	101	6.98E	75	31N	100	14E	645775	25027	206	10	15	32	14	60	-0	28	ND		2.310
4	7	49	19.562	2528	75	47.56N	100	48.35E	75	22N	99	56E	645512	25027	205	53	15	42	15	0	-0	28	ND		2.485
5	7	49	21.996	2435	75	38.57N	100	30.78E	75	13N	99	39E	645258	25028	205	37	15	52	15	1	-0	28	ND		2.580
6	7	49	24.389	2392	75	29.71N	100	13.84E	75	4N	99	23E	645008	25028	205	22	16	1	15	1	-0	28	ND		2.627
7	7	49	26.774	2386	75	20.86N	99	57.28E	74	55N	99	8E	644759	25029	205	7	16	11	15	2	-0	28	ND		2.633
8	7	49	29.139	2364	75	12.08N	99	41.17E	74	46N	98	53E	644514	25030	204	53	16	20	15	2	-0	27	ND		2.658
9	7	49	31.488	2350	75	3.33N	99	25.45E	74	38N	98	38E	644269	25030	204	39	16	29	15	3	-0	27	ND		2.674
10	7	49	33.833	2345	74	54.58N	99	10.05E	74	29N	98	23E	644026	25031	204	25	16	39	15	3	-0	27	ND		2.679
11	7	49	36.174	2340	74	45.83N	98	54.95E	74	20N	98	9E	643783	25031	204	11	16	48	15	3	-0	27	ND		2.685
12	7	49	38.509	2335	74	37.09N	98	40.16E	74	11N	97	55E	643540	25032	203	58	16	57	15	3	-0	26	ND		2.691
13	7	49	40.844	2335	74	28.33N	98	25.63E	74	2N	97	42E	643298	25032	203	45	17	6	15	3	-0	26	ND		2.691
14	7	49	43.168	2325	74	19.60N	98	11.41E	73	54N	97	28E	643058	25033	203	33	17	16	15	3	-0	25	ND		2.702
15	7	49	45.493	2325	74	10.85N	97	57.44E	73	45N	97	15E	642817	25033	203	20	17	25	15	3	-0	25	ND		2.702
16	7	49	47.818	2325	74	2.08N	97	43.70E	73	36N	97	2E	642576	25034	203	8	17	34	15	3	-0	25	ND		2.702
17	7	49	50.139	2320	73	53.32N	97	30.22E	73	27N	96	49E	642337	25035	202	57	17	43	15	3	-0	24	ND		2.708
18	7	49	52.453	2315	73	44.57N	97	17.01E	73	18N	96	37E	642098	25035	202	45	17	52	15	2	-0	23	ND		2.714
19	7	49	54.773	2320	73	35.79N	97	3.97E	73	10N	96	25E	641858	25036	202	34	18	2	15	2	-0	23	ND		2.708
20	7	49	57.084	2311	73	27.03N	96	51.21E	73	1N	96	13E	641620	25036	202	22	18	11	15	2	-0	22	ND		2.719
21	7	49	59.399	2315	73	18.24N	96	38.62E	72	52N	96	1E	641382	25037	202	12	18	20	15	1	-0	21	ND		2.714
22	7	50	1.714	2314	73	9.44N	96	26.25E	72	43N	95	49E	641144	25037	202	1	18	29	15	1	-0	21	ND		2.715
23	7	50	4.020	2306	73	0.66N	96	14.11E	72	34N	95	38E	640907	25038	201	50	18	38	14	60	-0	20	ND		2.725
24	7	50	6.328	2309	72	51.87N	96	2.16E	72	26N	95	26E	640670	25039	201	40	18	47	14	58	-0	20	ND		2.721
25	7	50	8.634	2305	72	43.07N	95	50.40E	72	17N	95	15E	640433	25039	201	30	18	56	14	58	-0	19	ND		2.726
26	7	50	10.938	2305	72	34.26N	95	38.83E	72	8N	95	5E	640197	25040	201	20	19	5	14	56	-0	18	ND		2.726
27	7	50	13.238	2300	72	25.47N	95	27.47E	71	59N	94	54E	639962	25040	201	10	19	14	14	55	-0	18	ND		2.732
28	7	50	15.538	2300	72	16.66N	95	16.27E	71	50N	94	43E	639726	25041	201	1	19	24	14	53	-0	17	ND		2.732
29	7	50	17.839	2300	72	7.84N	95	5.24E	71	42N	94	33E	639491	25041	200	51	19	33	14	51	-0	16	ND		2.732
30	7	50	20.139	2300	71	59.02N	94	54.38E	71	33N	94	23E	639256	25042	200	42	19	42	14	50	-0	16	ND		2.732
31	7	50	22.434	2295	71	50.20N	94	43.71E	71	24N	94	13E	639022	25042	200	33	19	51	14	48	-0	15	ND		2.738
32	7	50	24.729	2295	71	41.38N	94	33.19E	71	15N	94	3E	638789	25043	200	24	20	0	14	47	-0	14	ND		2.738
33	7	50	27.023	2295	71	32.55N	94	22.82E	71	6N	93	53E	638555	25044	200	15	20	9	14	45	-0	14	ND		2.738
34	7	50	29.313	2290	71	23.72N	94	12.62E	70	58N	93	43E	638322	25044	200	7	20	18	14	43	-0	13	ND		2.744
35	7	50	31.604	2290	71	14.89N	94	2.57E	70	49N	93	34E	638089	25045	199	58	20	27	14	42	-0	13	ND		2.744
36	7	50	33.889	2285	71	6.07N	93	52.68E	70	40N	93	24E	637858	25045	199	50	20	36	14	40	-0	12	ND		2.750
37	7	50	36.179	2290	70	57.23N	93	42.91E	70	31N	93	15E	637626	25046	199	42	20	45	14	39	-0	11	ND		2.744
38	7	50	38.469	2290	70	48.37N	93	33.28E	70	22N	93	6E	637394	25046	199	34	20	54	14	38	-0	10	ND		2.744
39	7	50	40.753	2285	70	39.53N	93	23.80E	70	14N	92	57E	637163	25047	199	26	21	3	14	36	-0	10	ND		2.750
40	7	50	43.039	2286	70	30.68N	93	14.44E	70	5N	92	48E	636932	25047	199	18	21	12	14	35	-0	10	ND		2.749
41	7	50	45.323	2284	70	21.82N	93	5.22E	69	56N	92	39E	636703	25048	199	11	21	21	14	34	-0	9	ND		2.751
42	7	50	47.613	2290	70	12.94N	92	56.10E	69	47N	92	31E	636472	25048	199	3	21	30	14	32	-0	9	ND		2.744
43	7	50	49.889	2275	70	4.10N	92	47.16E	69	38N	92	22E	636243	25049	198	56	21	39	14	31	-0	8	ND		2.762
44	7	50	52.168	2280	69	55.25N	92	38.32E	69	29N	92	14E	636014	25049	198	48	21	48	14	30	-0	8	ND		2.756
45	7	50	54.443	2275	69	46.40N	92	29.61E	69	21N	92	6E	635785	25050	198	41	21	57	14	29	-0	7	ND		2.762

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	7	50	56.719	2275	69	37.54N	92	21.01E	69	12N	91	57E	635558	25051	198	34	22	6	14	28	-0	6	ND		2.762
47	7	50	58.998	2280	69	28.67N	92	12.51E	69	3N	91	49E	635330	25051	198	27	22	15	14	27	-0	5	ND		2.756
48	7	51	1.269	2270	69	19.82N	92	4.15E	68	54N	91	41E	635103	25052	198	21	22	24	14	26	-0	5	ND		2.768
49	7	51	3.543	2275	69	10.95N	91	55.88E	68	45N	91	33E	634876	25052	198	14	22	33	14	25	-0	5	ND		2.762
50	7	51	5.818	2275	69	2.07N	91	47.71E	68	36N	91	26E	634649	25053	198	7	22	42	14	24	-0	5	ND		2.762
51	7	51	8.090	2271	68	53.20N	91	39.66E	68	28N	91	18E	634423	25053	198	1	22	51	14	23	-0	4	ND		2.767
52	7	51	10.358	2269	68	44.34N	91	31.71E	68	19N	91	10E	634197	25054	197	55	23	0	14	22	-0	4	ND		2.769
53	7	51	12.634	2275	68	35.44N	91	23.84E	68	10N	91	3E	633972	25054	197	48	23	9	14	21	-0	3	ND		2.762
54	7	51	14.898	2265	68	26.58N	91	16.10E	68	1N	90	55E	633747	25055	197	42	23	18	14	20	-0	3	ND		2.774
55	7	51	17.174	2275	68	17.68N	91	8.42E	67	52N	90	48E	633523	25055	197	36	23	27	14	20	-0	3	ND		2.762
56	7	51	19.438	2265	68	8.80N	91	0.87E	67	43N	90	41E	633299	25056	197	30	23	35	14	19	-0	3	ND		2.774
57	7	51	21.708	2270	67	59.91N	90	53.38E	67	34N	90	34E	633075	25056	197	24	23	44	14	19	-0	3	ND		2.768
58	7	51	23.974	2265	67	51.03N	90	46.00E	67	25N	90	26E	632852	25057	197	18	23	53	14	18	-0	2	ND		2.774
59	7	51	26.238	2265	67	42.14N	90	38.71E	67	17N	90	19E	632629	25057	197	13	24	2	14	17	-0	2	ND		2.774
60	7	51	28.503	2265	67	33.25N	90	31.50E	67	8N	90	12E	632407	25058	197	7	24	11	14	17	-0	2	ND		2.774
61	7	51	30.769	2265	67	24.35N	90	24.37E	66	59N	90	6E	632185	25059	197	2	24	20	14	17	-0	2	ND		2.774
62	7	51	33.028	2260	67	15.47N	90	17.34E	66	50N	89	59E	631964	25059	196	56	24	29	14	16	-0	2	ND		2.780
63	7	51	35.289	2261	67	6.58N	90	10.39E	66	41N	89	52E	631743	25060	196	51	24	38	14	16	-0	2	ND		2.779
64	7	51	37.554	2264	66	57.67N	90	3.50E	66	32N	89	45E	631522	25060	196	46	24	47	14	16	-0	2	ND		2.775
65	7	51	39.813	2260	66	48.78N	89	56.70E	66	23N	89	39E	631301	25061	196	40	24	56	14	16	-0	2	ND		2.780
66	7	51	42.073	2260	66	39.88N	89	49.98E	66	14N	89	32E	631082	25061	196	35	25	5	14	16	-0	3	ND		2.780
67	7	51	44.328	2255	66	30.99N	89	43.35E	66	5N	89	26E	630864	25062	196	30	25	14	14	17	-0	3	ND		2.786
68	7	51	46.589	2260	66	22.08N	89	36.76E	65	57N	89	19E	630644	25062	196	25	25	23	14	17	-0	3	ND		2.780
69	7	51	48.845	2256	66	13.19N	89	30.27E	65	48N	89	13E	630426	25063	196	20	25	32	14	18	-0	4	ND		2.785
70	7	51	51.104	2259	66	4.28N	89	23.83E	65	39N	89	7E	630208	25063	196	15	25	41	14	19	-0	5	ND		2.781
71	7	51	53.354	2251	65	55.39N	89	17.49E	65	30N	89	1E	629991	25064	196	11	25	50	14	21	-0	5	ND		2.791
72	7	51	55.608	2254	65	46.49N	89	11.20E	65	21N	88	54E	629775	25064	196	6	25	59	14	22	-0	6	ND		2.788
73	7	51	57.863	2255	65	37.58N	89	4.98E	65	12N	88	48E	629558	25065	196	1	26	8	14	23	-0	6	ND		2.786
74	7	52	0.118	2255	65	28.67N	88	58.82E	65	3N	88	42E	629342	25065	195	57	26	17	14	24	-0	7	ND		2.786
75	7	52	2.368	2250	65	19.78N	88	52.73E	64	54N	88	36E	629127	25066	195	52	26	26	14	25	-0	8	ND		2.793
76	7	52	4.623	2255	65	10.86N	88	46.70E	64	45N	88	30E	628911	25066	195	48	26	35	14	26	-0	9	ND		2.786
77	7	52	6.873	2250	65	1.95N	88	40.74E	64	36N	88	24E	628697	25067	195	43	26	44	14	27	-0	10	ND		2.793
78	7	52	9.128	2255	64	53.03N	88	34.82E	64	27N	88	19E	628482	25067	195	39	26	53	14	28	-0	11	ND		2.786
79	7	52	11.378	2250	64	44.12N	88	28.98E	64	18N	88	13E	628270	25068	195	35	27	1	14	28	-0	12	ND		2.793
80	7	52	13.628	2250	64	35.20N	88	23.19E	64	9N	88	7E	628056	25068	195	31	27	10	14	29	-0	13	ND		2.793
81	7	52	15.878	2250	64	26.29N	88	17.46E	64	0N	88	2E	627843	25069	195	26	27	19	14	29	-0	14	ND		2.793
82	7	52	18.123	2245	64	17.39N	88	11.80E	63	52N	87	56E	627631	25069	195	22	27	28	14	30	-0	15	ND		2.799
83	7	52	20.373	2250	64	8.46N	88	6.18E	63	43N	87	50E	627420	25070	195	18	27	37	14	31	-0	17	ND		2.793
84	7	52	22.623	2250	63	59.53N	88	0.62E	63	34N	87	45E	627208	25070	195	14	27	46	14	31	-0	18	ND		2.793
85	7	52	24.873	2250	63	50.60N	87	55.10E	63	25N	87	40E	626997	25071	195	10	27	55	14	31	-0	18	ND		2.793
86	7	52	27.118	2245	63	41.69N	87	49.65E	63	16N	87	34E	626787	25071	195	6	28	4	14	32	-0	19	ND		2.799
87	7	52	29.364	2246	63	32.77N	87	44.25E	63	7N	87	29E	626578	25072	195	3	28	13	14	32	-0	20	ND		2.798
88	7	52	31.613	2249	63	23.83N	87	38.90E	62	58N	87	24E	626368	25072	194	59	28	22	14	33	-0	21	ND		2.794
89	7	52	33.858	2245	63	14.91N	87	33.60E	62	49N	87	18E	626159	25073	194	55	28	31	14	33	-0	21	ND		2.799
90	7	52	36.099	2240	63	6.00N	87	28.36E	62	40N	87	13E	625951	25073	194	51	28	39	14	33	-0	22	ND		2.805

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	7	52	38.349	2250	62	57.06N	87	23.14E	62	31N	87	8E	625744	25074	194	48	28	48	14	33	-0	23	ND		2.793
92	7	52	40.589	2240	62	48.14N	87	18.00E	62	22N	87	3E	625537	25074	194	44	28	57	14	34	-0	24	ND		2.805
93	7	52	42.833	2245	62	39.21N	87	12.89E	62	13N	86	58E	625330	25075	194	41	29	6	14	34	-0	25	ND		2.799
94	7	52	45.078	2245	62	30.28N	87	7.83E	62	4N	86	53E	625123	25075	194	37	29	15	14	34	-0	25	ND		2.799
95	7	52	47.323	2245	62	21.34N	87	2.81E	61	55N	86	48E	624917	25076	194	34	29	24	14	34	-0	26	ND		2.799
96	7	52	49.563	2240	62	12.41N	86	57.84E	61	46N	86	43E	624713	25076	194	30	29	33	14	34	-0	26	ND		2.805
97	7	52	51.805	2241	62	3.48N	86	52.92E	61	38N	86	39E	624508	25077	194	27	29	42	14	34	-0	26	ND		2.804
98	7	52	54.049	2244	61	54.54N	86	48.03E	61	29N	86	34E	624304	25077	194	24	29	51	14	34	-0	27	ND		2.800
99	7	52	56.288	2240	61	45.61N	86	43.19E	61	20N	86	29E	624101	25078	194	20	29	59	14	34	-0	27	ND		2.805
100	7	52	58.533	2245	61	36.66N	86	38.38E	61	11N	86	24E	623897	25078	194	17	30	8	14	34	-0	28	ND		2.799
101	7	53	0.773	2240	61	27.72N	86	33.63E	61	2N	86	20E	623695	25079	194	14	30	17	14	34	-0	28	ND		2.805
102	7	53	3.019	2245	61	18.77N	86	28.90E	60	53N	86	15E	623493	25079	194	11	30	26	14	34	-0	28	ND		2.799
103	7	53	5.259	2240	61	9.83N	86	24.22E	60	44N	86	11E	623291	25080	194	8	30	35	14	34	-0	28	ND		2.805
104	7	53	7.498	2240	61	0.89N	86	19.58E	60	35N	86	6E	623090	25080	194	4	30	44	14	34	-0	28	ND		2.805
105	7	53	9.743	2245	60	51.92N	86	14.97E	60	26N	86	2E	622890	25081	194	1	30	53	14	34	-0	29	ND		2.799
106	7	53	11.979	2235	60	42.99N	86	10.42E	60	17N	85	57E	622690	25081	193	58	31	1	14	34	-0	29	ND		2.811
107	7	53	14.219	2240	60	34.04N	86	5.89E	60	8N	85	53E	622491	25082	193	55	31	10	14	34	-0	29	ND		2.805
108	7	53	16.453	2235	60	25.11N	86	1.41E	59	59N	85	48E	622293	25082	193	53	31	19	14	34	-0	29	ND		2.811
109	7	53	18.693	2240	60	16.16N	85	56.96E	59	50N	85	44E	622095	25083	193	50	31	28	14	34	-0	29	ND		2.805
110	7	53	20.938	2245	60	7.18N	85	52.53E	59	41N	85	40E	621897	25083	193	47	31	37	14	34	-0	29	ND		2.799
111	7	53	23.174	2235	59	58.24N	85	48.15E	59	32N	85	35E	621700	25083	193	44	31	46	14	34	-0	29	ND		2.811
112	7	53	25.413	2240	59	49.29N	85	43.80E	59	23N	85	31E	621503	25084	193	41	31	55	14	34	-0	29	ND		2.805
113	7	53	27.648	2235	59	40.34N	85	39.49E	59	14N	85	27E	621308	25084	193	38	32	3	14	34	-0	29	ND		2.811
114	7	53	29.889	2240	59	31.38N	85	35.21E	59	6N	85	23E	621112	25085	193	36	32	12	14	34	-0	29	ND		2.805
115	7	53	32.128	2240	59	22.41N	85	30.96E	58	57N	85	19E	620918	25085	193	33	32	21	14	34	-0	29	ND		2.805
116	7	53	34.358	2230	59	13.48N	85	26.76E	58	48N	85	15E	620725	25086	193	30	32	30	14	34	-0	29	ND		2.818
117	7	53	36.594	2235	59	4.53N	85	22.58E	58	39N	85	10E	620531	25086	193	28	32	39	14	34	-0	29	ND		2.811
118	7	53	38.828	2235	58	55.58N	85	18.44E	58	30N	85	6E	620338	25087	193	25	32	48	14	34	-0	29	ND		2.811
119	7	53	41.068	2240	58	46.60N	85	14.31E	58	21N	85	2E	620146	25087	193	23	32	56	14	34	-0	29	ND		2.805
120	7	53	43.304	2235	58	37.65N	85	10.22E	58	12N	84	58E	619955	25088	193	20	33	5	14	34	-0	29	ND		2.811
121	7	53	45.538	2235	58	28.69N	85	6.17E	58	3N	84	54E	619763	25088	193	17	33	14	14	34	-0	29	ND		2.811
122	7	53	47.778	2240	58	19.71N	85	2.13E	57	54N	84	50E	619573	25089	193	15	33	23	14	34	-0	29	ND		2.805
123	7	53	50.019	2240	58	10.72N	84	58.13E	57	45N	84	47E	619383	25089	193	13	33	32	14	34	-0	29	ND		2.805
124	7	53	52.248	2230	58	1.78N	84	54.17E	57	36N	84	43E	619194	25089	193	10	33	40	14	33	-0	29	ND		2.818
125	7	53	54.483	2235	57	52.81N	84	50.23E	57	27N	84	39E	619005	25090	193	8	33	49	14	33	-0	29	ND		2.811
126	7	53	56.719	2235	57	43.85N	84	46.32E	57	18N	84	35E	618817	25090	193	5	33	58	14	33	-0	29	ND		2.811
127	7	53	58.953	2235	57	34.88N	84	42.43E	57	9N	84	31E	618630	25091	193	3	34	7	14	33	-0	28	ND		2.811
128	7	54	1.188	2235	57	25.91N	84	38.57E	57	0N	84	28E	618443	25091	193	1	34	16	14	33	-0	28	ND		2.811
129	7	54	3.418	2230	57	16.95N	84	34.75E	56	51N	84	24E	618258	25092	192	58	34	24	14	33	-0	28	ND		2.818
130	7	54	5.653	2235	57	7.98N	84	30.95E	56	42N	84	20E	618073	25092	192	56	34	33	14	33	-0	28	ND		2.811
131	7	54	7.884	2230	56	59.02N	84	27.18E	56	33N	84	16E	617888	25093	192	54	34	42	14	33	-0	27	ND		2.818
132	7	54	10.116	2233	56	50.05N	84	23.43E	56	24N	84	13E	617704	25093	192	52	34	51	14	33	-0	27	ND		2.814
133	7	54	12.354	2237	56	41.06N	84	19.70E	56	15N	84	9E	617521	25093	192	50	35	0	14	33	-0	26	ND		2.809
134	7	54	14.589	2235	56	32.08N	84	15.99E	56	6N	84	6E	617337	25094	192	47	35	9	14	33	-0	26	ND		2.811
135	7	54	16.813	2224	56	23.14N	84	12.33E	55	57N	84	2E	617156	25094	192	45	35	17	14	34	-0	26	ND		2.825

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	7	54	19.044	2232	56	14.17N	84	8.68E	55	48N	83	58E	616975	25095	192	43	35	26	14	34	-0	25	ND		2.815
137	7	54	21.283	2239	56	5.17N	84	5.05E	55	39N	83	55E	616794	25095	192	41	35	35	14	34	-0	25	ND		2.806
138	7	54	23.510	2226	55	56.21N	84	1.45E	55	30N	83	51E	616614	25096	192	39	35	44	14	35	-0	24	ND		2.823
139	7	54	25.740	2231	55	47.24N	83	57.88E	55	21N	83	48E	616435	25096	192	37	35	53	14	35	-0	24	ND		2.816
140	7	54	27.973	2232	55	38.26N	83	54.32E	55	12N	83	44E	616256	25097	192	35	36	1	14	35	-0	23	ND		2.815
141	7	54	30.204	2232	55	29.28N	83	50.79E	55	3N	83	41E	616079	25097	192	33	36	10	14	36	-0	23	ND		2.815
142	7	54	32.438	2234	55	20.29N	83	47.28E	54	54N	83	38E	615901	25097	192	31	36	19	14	36	-0	22	ND		2.813
143	7	54	34.668	2230	55	11.31N	83	43.79E	54	45N	83	34E	615724	25098	192	29	36	28	14	37	-0	21	ND		2.818
144	7	54	36.893	2224	55	2.36N	83	40.34E	54	36N	83	31E	615549	25098	192	27	36	37	14	37	-0	21	ND		2.825
145	7	54	39.123	2231	54	53.38N	83	36.90E	54	27N	83	28E	615374	25099	192	25	36	45	14	38	-0	21	ND		2.816
146	7	54	41.356	2233	54	44.38N	83	33.47E	54	18N	83	24E	615199	25099	192	23	36	54	14	39	-0	20	ND		2.814
147	7	54	43.583	2227	54	35.42N	83	30.08E	54	9N	83	21E	615026	25099	192	22	37	3	14	39	-0	20	ND		2.821
148	7	54	45.813	2230	54	26.43N	83	26.70E	54	0N	83	18E	614853	25100	192	20	37	12	14	40	-0	20	ND		2.818
149	7	54	48.037	2224	54	17.47N	83	23.35E	53	51N	83	14E	614681	25100	192	18	37	20	14	41	-0	20	ND		2.825
150	7	54	50.269	2231	54	8.48N	83	20.01E	53	42N	83	11E	614509	25101	192	16	37	29	14	41	-0	20	ND		2.816
151	7	54	52.493	2225	53	59.52N	83	16.70E	53	33N	83	8E	614338	25101	192	14	37	38	14	43	-0	19	ND		2.824
152	7	54	54.719	2225	53	50.54N	83	13.41E	53	24N	83	5E	614169	25102	192	13	37	47	14	43	-0	19	ND		2.824
153	7	54	56.948	2230	53	41.56N	83	10.13E	53	15N	83	1E	614000	25102	192	11	37	56	14	44	-0	19	ND		2.818
154	7	54	59.173	2224	53	32.59N	83	6.88E	53	6N	82	58E	613831	25102	192	9	38	4	14	45	-0	20	ND		2.825
155	7	55	1.404	2232	53	23.59N	83	3.63E	52	57N	82	55E	613664	25103	192	7	38	13	14	46	-0	20	ND		2.815
156	7	55	3.628	2224	53	14.62N	83	0.42E	52	48N	82	52E	613496	25103	192	6	38	22	14	47	-0	20	ND		2.825
157	7	55	5.858	2230	53	5.62N	82	57.22E	52	39N	82	49E	613330	25104	192	4	38	31	14	48	-0	21	ND		2.818
158	7	55	8.083	2225	52	56.65N	82	54.04E	52	30N	82	45E	613165	25104	192	2	38	40	14	49	-0	21	ND		2.824
159	7	55	10.313	2230	52	47.65N	82	50.87E	52	21N	82	42E	612999	25104	192	1	38	48	14	49	-0	21	ND		2.818
160	7	55	12.538	2225	52	38.67N	82	47.73E	52	12N	82	39E	612836	25105	191	59	38	57	14	50	-0	22	ND		2.824
161	7	55	14.769	2230	52	29.67N	82	44.60E	52	3N	82	36E	612672	25105	191	57	39	6	14	51	-0	22	ND		2.818
162	7	55	16.993	2225	52	20.69N	82	41.49E	51	54N	82	33E	612510	25106	191	56	39	15	14	51	-0	22	ND		2.824
163	7	55	19.224	2230	52	11.68N	82	38.39E	51	45N	82	30E	612348	25106	191	54	39	24	14	52	-0	23	ND		2.818
164	7	55	21.448	2225	52	2.70N	82	35.32E	51	36N	82	27E	612187	25106	191	53	39	32	14	52	-0	24	ND		2.824
165	7	55	23.679	2230	51	53.69N	82	32.25E	51	27N	82	24E	612027	25107	191	51	39	41	14	53	-0	25	ND		2.818
166	7	55	25.903	2225	51	44.71N	82	29.21E	51	18N	82	21E	611868	25107	191	50	39	50	14	54	-0	25	ND		2.824
167	7	55	28.128	2225	51	35.72N	82	26.19E	51	9N	82	18E	611709	25107	191	48	39	59	14	54	-0	26	ND		2.824
168	7	55	30.354	2225	51	26.73N	82	23.18E	51	0N	82	15E	611552	25108	191	47	40	7	14	55	-0	26	ND		2.824
169	7	55	32.578	2225	51	17.74N	82	20.19E	50	51N	82	12E	611394	25108	191	45	40	16	14	56	-0	27	ND		2.824
170	7	55	34.799	2220	51	8.77N	82	17.22E	50	42N	82	9E	611239	25109	191	44	40	25	14	57	-0	28	ND		2.830
171	7	55	37.023	2225	50	59.78N	82	14.26E	50	33N	82	6E	611083	25109	191	42	40	34	14	57	-0	28	ND		2.824
172	7	55	39.248	2225	50	50.78N	82	11.32E	50	24N	82	3E	610929	25109	191	41	40	42	14	57	-0	29	ND		2.824
173	7	55	41.474	2225	50	41.79N	82	8.38E	50	15N	82	0E	610775	25110	191	40	40	51	14	57	-0	30	ND		2.824
174	7	55	43.698	2225	50	32.79N	82	5.47E	50	6N	81	57E	610623	25110	191	38	41	0	14	57	-0	31	ND		2.824
175	7	55	45.924	2225	50	23.79N	82	2.57E	49	57N	81	54E	610470	25110	191	37	41	9	14	57	-0	31	ND		2.824
176	7	55	48.148	2225	50	14.80N	81	59.68E	49	48N	81	51E	610319	25111	191	35	41	17	14	57	-0	32	ND		2.824
177	7	55	50.373	2225	50	5.80N	81	56.81E	49	39N	81	49E	610169	25111	191	34	41	26	14	57	-0	33	ND		2.824
178	7	55	52.599	2225	49	56.80N	81	53.96E	49	30N	81	46E	610019	25112	191	33	41	35	14	57	-0	33	ND		2.824
179	7	55	54.818	2220	49	47.82N	81	51.12E	49	22N	81	43E	609871	25112	191	31	41	43	14	56	-0	34	ND		2.830
180	7	55	57.044	2226	49	38.81N	81	48.29E	49	13N	81	40E	609723	25112	191	30	41	52	14	56	-0	35	ND		2.823

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
181	7	55	59.273	2229	49	29.79N	81	45.47E	49	4N	81	37E	609575	25113	191	29	42	1	14	56	-0	36	ND		2.819
182	7	56	1.498	2225	49	20.79N	81	42.67E	48	55N	81	34E	609429	25113	191	28	42	10	14	55	-0	37	ND		2.824
183	7	56	3.724	2225	49	11.78N	81	39.88E	48	46N	81	32E	609284	25113	191	26	42	18	14	55	-0	37	ND		2.824
184	7	56	5.948	2225	49	2.78N	81	37.11E	48	37N	81	29E	609139	25114	191	25	42	27	14	55	-0	38	ND		2.824
185	7	56	8.169	2221	48	53.79N	81	34.36E	48	28N	81	26E	608996	25114	191	24	42	36	14	55	-0	38	ND		2.829
186	7	56	10.398	2229	48	44.76N	81	31.60E	48	19N	81	23E	608853	25114	191	23	42	44	14	54	-0	39	ND		2.819
187	7	56	12.618	2220	48	35.77N	81	28.88E	48	10N	81	21E	608711	25115	191	21	42	53	14	54	-0	40	ND		2.830
188	7	56	14.844	2225	48	26.76N	81	26.15E	48	1N	81	18E	608570	25115	191	20	43	2	14	53	-0	40	ND		2.824
189	7	56	17.068	2225	48	17.75N	81	23.45E	47	52N	81	15E	608430	25115	191	19	43	11	14	52	-0	41	ND		2.824
190	7	56	19.288	2220	48	8.76N	81	20.76E	47	43N	81	13E	608291	25116	191	18	43	19	14	51	-0	41	ND		2.830
191	7	56	21.514	2225	47	59.74N	81	18.07E	47	34N	81	10E	608153	25116	191	17	43	28	14	51	-0	42	ND		2.824
192	7	56	23.733	2220	47	50.75N	81	15.41E	47	25N	81	7E	608016	25116	191	15	43	37	14	50	-0	43	ND		2.830
193	7	56	25.958	2225	47	41.73N	81	12.75E	47	16N	81	5E	607879	25117	191	14	43	45	14	49	-0	43	ND		2.824
194	7	56	28.179	2220	47	32.74N	81	10.10E	47	7N	81	2E	607744	25117	191	13	43	54	14	48	-0	43	ND		2.830
195	7	56	30.403	2225	47	23.72N	81	7.47E	46	58N	81	0E	607609	25117	191	12	44	3	14	48	-0	44	ND		2.824
196	7	56	32.623	2220	47	14.72N	81	4.85E	46	49N	80	57E	607475	25118	191	11	44	11	14	47	-0	44	ND		2.830
197	7	56	34.849	2225	47	5.70N	81	2.24E	46	40N	80	54E	607342	25118	191	10	44	20	14	47	-0	44	ND		2.824
198	7	56	37.073	2225	46	56.68N	80	59.64E	46	31N	80	52E	607209	25118	191	9	44	29	14	46	-0	44	ND		2.824
199	7	56	39.299	2225	46	47.66N	80	57.05E	46	22N	80	49E	607079	25119	191	8	44	37	14	46	-0	45	ND		2.824
200	7	56	41.519	2220	46	38.66N	80	54.48E	46	13N	80	47E	606949	25119	191	7	44	46	14	45	-0	45	ND		2.830
201	7	56	43.743	2225	46	29.64N	80	51.91E	46	4N	80	44E	606819	25119	191	6	44	55	14	44	-0	45	ND		2.824
202	7	56	45.964	2220	46	20.63N	80	49.36E	45	55N	80	42E	606691	25120	191	4	45	3	14	44	-0	45	ND		2.830
203	7	56	48.188	2225	46	11.61N	80	46.82E	45	46N	80	39E	606564	25120	191	3	45	12	14	43	-0	45	ND		2.824
204	7	56	50.413	2225	46	2.59N	80	44.28E	45	37N	80	37E	606437	25120	191	2	45	21	14	42	-0	45	ND		2.824
205	7	56	52.639	2225	45	53.56N	80	41.76E	45	28N	80	34E	606312	25121	191	1	45	29	14	41	-0	45	ND		2.824
206	7	56	54.858	2220	45	44.55N	80	39.25E	45	19N	80	32E	606188	25121	191	0	45	38	14	41	-0	45	ND		2.830
207	7	56	57.078	2220	45	35.54N	80	36.75E	45	10N	80	29E	606064	25121	190	59	45	46	14	41	-0	45	ND		2.830
208	7	56	59.299	2220	45	26.53N	80	34.27E	45	1N	80	27E	605941	25122	190	58	45	55	14	40	-0	45	ND		2.830
209	7	57	1.519	2220	45	17.52N	80	31.79E	44	52N	80	24E	605820	25122	190	57	46	4	14	40	-0	45	ND		2.830
210	7	57	3.743	2225	45	8.50N	80	29.32E	44	43N	80	22E	605699	25122	190	56	46	12	14	40	-0	45	ND		2.824
211	7	57	5.964	2220	44	59.48N	80	26.86E	44	34N	80	20E	605579	25122	190	56	46	21	14	40	-0	45	ND		2.830
212	7	57	8.188	2225	44	50.45N	80	24.41E	44	25N	80	17E	605461	25123	190	55	46	30	14	40	-0	45	ND		2.824
213	7	57	10.408	2220	44	41.44N	80	21.97E	44	16N	80	15E	605343	25123	190	54	46	38	14	39	-0	44	ND		2.830
214	7	57	12.628	2220	44	32.43N	80	19.55E	44	7N	80	12E	605226	25123	190	53	46	47	14	39	-0	44	ND		2.830
215	7	57	14.844	2215	44	23.43N	80	17.13E	43	58N	80	10E	605111	25124	190	52	46	56	14	39	-0	44	ND		2.837
216	7	57	17.063	2220	44	14.42N	80	14.73E	43	49N	80	8E	604996	25124	190	51	47	4	14	39	-0	43	ND		2.830
217	7	57	19.283	2220	44	5.40N	80	12.33E	43	40N	80	5E	604883	25124	190	50	47	13	14	39	-0	43	ND		2.830
218	7	57	21.503	2220	43	56.39N	80	9.94E	43	31N	80	3E	604770	25124	190	49	47	22	14	39	-0	42	ND		2.830
219	7	57	23.724	2220	43	47.37N	80	7.56E	43	22N	80	1E	604658	25125	190	48	47	30	14	39	-0	42	ND		2.830
220	7	57	25.943	2220	43	38.35N	80	5.19E	43	13N	79	58E	604547	25125	190	47	47	39	14	39	-0	42	ND		2.830
221	7	57	28.158	2215	43	29.35N	80	2.83E	43	4N	79	56E	604438	25125	190	47	47	47	14	38	-0	41	ND		2.837
222	7	57	30.378	2220	43	20.33N	80	0.48E	42	55N	79	54E	604329	25125	190	46	47	56	14	38	-0	41	ND		2.830
223	7	57	32.599	2220	43	11.31N	79	58.13E	42	46N	79	51E	604221	25126	190	45	48	5	14	38	-0	40	ND		2.830
224	7	57	34.818	2220	43	2.29N	79	55.80E	42	37N	79	49E	604115	25126	190	44	48	13	14	38	-0	40	ND		2.830
225	7	57	37.038	2220	42	53.27N	79	53.47E	42	28N	79	47E	604009	25126	190	43	48	22	14	38	-0	39	ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	7	57	39.253	2215	42	44.27N	79	51.16E	42	19N	79	45E	603905	25127	190	42	48	30	14	38	-0	39		ND	2.837
227	7	57	41.474	2220	42	35.24N	79	48.85E	42	10N	79	42E	603802	25127	190	42	48	39	14	38	-0	38		ND	2.830
228	7	57	43.693	2220	42	26.22N	79	46.55E	42	1N	79	40E	603699	25127	190	41	48	48	14	37	-0	37		ND	2.830
229	7	57	45.913	2220	42	17.19N	79	44.25E	41	52N	79	38E	603597	25127	190	40	48	56	14	37	-0	36		ND	2.830
230	7	57	48.128	2215	42	8.19N	79	41.97E	41	43N	79	36E	603497	25128	190	39	49	5	14	37	-0	36		ND	2.837
231	7	57	50.349	2220	41	59.16N	79	39.70E	41	34N	79	33E	603397	25128	190	38	49	13	14	37	-0	35		ND	2.830
232	7	57	52.563	2215	41	50.15N	79	37.43E	41	25N	79	31E	603300	25128	190	38	49	22	14	36	-0	34		ND	2.837
233	7	57	54.783	2220	41	41.13N	79	35.17E	41	16N	79	29E	603202	25128	190	37	49	30	14	36	-0	33		ND	2.830
234	7	57	56.998	2215	41	32.12N	79	32.92E	41	7N	79	27E	603106	25129	190	36	49	39	14	36	-0	33		ND	2.837
235	7	57	59.219	2220	41	23.09N	79	30.68E	40	58N	79	25E	603011	25129	190	35	49	48	14	35	-0	32		ND	2.830
236	7	58	1.438	2220	41	14.06N	79	28.44E	40	49N	79	22E	602916	25129	190	35	49	56	14	35	-0	32		ND	2.830
237	7	58	3.653	2215	41	5.05N	79	26.22E	40	40N	79	20E	602824	25129	190	34	50	5	14	34	-0	31		ND	2.837
238	7	58	5.873	2220	40	56.02N	79	23.99E	40	31N	79	18E	602731	25129	190	33	50	13	14	34	-0	31		ND	2.830
239	7	58	8.094	2220	40	46.98N	79	21.78E	40	22N	79	16E	602641	25130	190	32	50	22	14	33	-0	31		ND	2.830
240	7	58	10.309	2215	40	37.97N	79	19.58E	40	13N	79	14E	602551	25130	190	32	50	30	14	33	-0	31		ND	2.837
241	7	58	12.528	2220	40	28.94N	79	17.38E	40	4N	79	12E	602463	25130	190	31	50	39	14	32	-0	30		ND	2.830
242	7	58	14.748	2220	40	19.91N	79	15.19E	39	55N	79	9E	602375	25130	190	30	50	47	14	31	-0	29		ND	2.830
243	7	58	16.965	2216	40	10.88N	79	13.00E	39	46N	79	7E	602288	25131	190	30	50	56	14	30	-0	29		ND	2.835
244	7	58	19.185	2220	40	1.85N	79	10.83E	39	37N	79	5E	602203	25131	190	29	51	4	14	29	-0	29		ND	2.830
245	7	58	21.403	2219	39	52.82N	79	8.66E	39	28N	79	3E	602118	25131	190	28	51	13	14	28	-0	28		ND	2.832
246	7	58	23.628	2225	39	43.76N	79	6.49E	39	19N	79	1E	602035	25131	190	28	51	22	14	27	-0	28		ND	2.824
247	7	58	25.845	2216	39	34.74N	79	4.33E	39	10N	78	59E	601953	25131	190	27	51	30	14	26	-0	28		ND	2.835
248	7	58	28.063	2219	39	25.71N	79	2.19E	39	1N	78	57E	601872	25132	190	26	51	38	14	25	-0	27		ND	2.832
249	7	58	30.283	2220	39	16.67N	79	0.04E	38	52N	78	55E	601792	25132	190	26	51	47	14	23	-0	27		ND	2.830
250	7	58	32.503	2220	39	7.63N	78	57.91E	38	43N	78	52E	601713	25132	190	25	51	55	14	21	-0	27		ND	2.830
251	7	58	34.720	2216	38	58.61N	78	55.78E	38	34N	78	50E	601635	25132	190	24	52	4	14	19	-0	26		ND	2.835
252	7	58	36.938	2219	38	49.57N	78	53.66E	38	25N	78	48E	601559	25132	190	24	52	12	14	17	-0	26		ND	2.832
253	7	58	39.158	2220	38	40.53N	78	51.54E	38	16N	78	46E	601483	25133	190	23	52	21	14	15	-0	26		ND	2.830
254	7	58	41.378	2220	38	31.49N	78	49.43E	38	7N	78	44E	601409	25133	190	22	52	29	14	14	-0	25		ND	2.830
255	7	58	43.599	2220	38	22.45N	78	47.33E	37	58N	78	42E	601336	25133	190	22	52	38	14	13	-0	25		ND	2.830
256	7	58	45.813	2215	38	13.42N	78	45.24E	37	49N	78	40E	601264	25133	190	21	52	46	14	12	-0	24		ND	2.837
257	7	58	48.029	2216	38	4.40N	78	43.15E	37	40N	78	38E	601193	25133	190	21	52	55	14	11	-0	24		ND	2.835
258	7	58	50.253	2224	37	55.34N	78	41.06E	37	31N	78	36E	601123	25134	190	20	53	3	14	10	-0	24		ND	2.825
259	7	58	52.469	2215	37	46.31N	78	38.99E	37	22N	78	34E	601055	25134	190	19	53	12	14	9	-0	24		ND	2.837
260	7	58	54.684	2215	37	37.29N	78	36.92E	37	13N	78	32E	600988	25134	190	19	53	20	14	9	-0	24		ND	2.837
261	7	58	56.898	2215	37	28.26N	78	34.86E	37	4N	78	30E	600921	25134	190	18	53	29	14	8	-0	23		ND	2.837
262	7	58	59.118	2220	37	19.22N	78	32.80E	36	55N	78	28E	600856	25134	190	18	53	37	14	8	-0	23		ND	2.830
263	7	59	1.339	2220	37	10.17N	78	30.74E	36	46N	78	26E	600793	25134	190	17	53	46	14	8	-0	23		ND	2.830
264	7	59	3.554	2215	37	1.14N	78	28.70E	36	37N	78	24E	600730	25135	190	16	53	54	14	7	-0	22		ND	2.837
265	7	59	5.769	2215	36	52.12N	78	26.66E	36	28N	78	22E	600668	25135	190	16	54	3	14	7	-0	22		ND	2.837
266	7	59	7.988	2220	36	43.07N	78	24.63E	36	19N	78	20E	600608	25135	190	15	54	11	14	6	-0	22		ND	2.830
267	7	59	10.208	2220	36	34.02N	78	22.60E	36	9N	78	18E	600549	25135	190	15	54	19	14	6	-0	22		ND	2.830
268	7	59	12.424	2215	36	24.99N	78	20.57E	36	0N	78	16E	600490	25135	190	14	54	28	14	6	-0	21		ND	2.837
269	7	59	14.644	2220	36	15.94N	78	18.56E	35	51N	78	14E	600434	25135	190	14	54	36	14	6	-0	21		ND	2.830
270	7	59	16.858	2215	36	6.91N	78	16.55E	35	42N	78	12E	600378	25135	190	13	54	45	14	6	-0	21		ND	2.837

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
271	7	59	19.074	2216	35	57.88N	78	14.54E	35	33N	78	10E	600324	25136	190	13	54	53	14	6	-0	21	ND		2.835
272	7	59	21.293	2219	35	48.83N	78	12.54E	35	24N	78	8E	600271	25136	190	12	55	2	14	6	-0	21	ND		2.832
273	7	59	23.509	2215	35	39.79N	78	10.55E	35	15N	78	6E	600218	25136	190	12	55	10	14	6	-0	21	ND		2.837
274	7	59	25.729	2220	35	30.74N	78	8.55E	35	6N	78	4E	600168	25136	190	11	55	19	14	6	-0	21	ND		2.830
275	7	59	27.943	2215	35	21.71N	78	6.57E	34	57N	78	2E	600118	25136	190	11	55	27	14	6	-0	21	ND		2.837
276	7	59	30.163	2220	35	12.66N	78	4.59E	34	48N	78	0E	600069	25136	190	10	55	35	14	6	-0	21	ND		2.830
277	7	59	32.384	2220	35	3.60N	78	2.62E	34	39N	77	58E	600022	25136	190	10	55	44	14	6	-0	21	ND		2.830
278	7	59	34.600	2216	34	54.56N	78	0.65E	34	30N	77	56E	599976	25136	190	9	55	52	14	6	-0	21	ND		2.835
279	7	59	36.818	2219	34	45.51N	77	58.68E	34	21N	77	54E	599931	25137	190	9	56	1	14	6	-0	21	ND		2.832
280	7	59	39.038	2220	34	36.46N	77	56.72E	34	12N	77	52E	599888	25137	190	8	56	9	14	7	-0	21	ND		2.830
281	7	59	41.253	2215	34	27.42N	77	54.77E	34	3N	77	50E	599846	25137	190	8	56	17	14	7	-0	21	ND		2.837
282	7	59	43.474	2220	34	18.37N	77	52.82E	33	54N	77	48E	599805	25137	190	7	56	26	14	8	-0	21	ND		2.830
283	7	59	45.693	2220	34	9.31N	77	50.88E	33	45N	77	46E	599765	25137	190	7	56	34	14	9	-0	21	ND		2.830
284	7	59	47.913	2220	34	0.25N	77	48.94E	33	36N	77	44E	599726	25137	190	6	56	43	14	9	-0	21	ND		2.830
285	7	59	50.128	2215	33	51.22N	77	47.00E	33	27N	77	43E	599689	25137	190	6	56	51	14	10	-0	21	ND		2.837
286	7	59	52.344	2215	33	42.17N	77	45.08E	33	18N	77	41E	599653	25137	190	5	56	59	14	11	-0	21	ND		2.837
287	7	59	54.559	2215	33	33.14N	77	43.16E	33	8N	77	39E	599618	25137	190	5	57	8	14	12	-0	21	ND		2.837
288	7	59	56.774	2216	33	24.09N	77	41.24E	32	59N	77	37E	599584	25138	190	4	57	16	14	13	-0	21	ND		2.835
289	7	59	58.988	2214	33	15.06N	77	39.33E	32	50N	77	35E	599552	25138	190	4	57	25	14	13	-0	21	ND		2.838
290	8	0	1.208	2220	33	6.00N	77	37.42E	32	41N	77	33E	599521	25138	190	4	57	33	14	14	-0	21	ND		2.830
291	8	0	3.424	2215	32	56.96N	77	35.51E	32	32N	77	31E	599490	25138	190	3	57	41	14	16	-0	21	ND		2.837
292	8	0	5.644	2220	32	47.90N	77	33.61E	32	23N	77	29E	599463	25138	190	3	57	50	14	17	-0	21	ND		2.830
293	8	0	7.858	2215	32	38.86N	77	31.72E	32	14N	77	27E	599435	25138	190	2	57	58	14	17	-0	21	ND		2.837
294	8	0	10.078	2220	32	29.79N	77	29.82E	32	5N	77	25E	599408	25138	190	2	58	6	14	18	-0	21	ND		2.830
295	8	0	12.299	2220	32	20.73N	77	27.93E	31	56N	77	24E	599384	25138	190	1	58	15	14	19	-0	20	ND		2.830
296	8	0	14.514	2215	32	11.69N	77	26.05E	31	47N	77	22E	599361	25138	190	1	58	23	14	21	-0	20	ND		2.837
297	8	0	16.733	2220	32	2.62N	77	24.17E	31	38N	77	20E	599338	25138	190	1	58	31	14	22	-0	19	ND		2.830
298	8	0	18.948	2215	31	53.58N	77	22.30E	31	29N	77	18E	599317	25138	190	0	58	40	14	23	-0	19	ND		2.837
299	8	0	21.164	2216	31	44.53N	77	20.43E	31	19N	77	16E	599298	25138	190	0	58	48	14	25	-0	19	ND		2.835
300	8	0	23.384	2219	31	35.47N	77	18.56E	31	10N	77	14E	599279	25138	189	59	58	56	14	26	-0	19	ND		2.832
301	8	0	25.599	2215	31	26.43N	77	16.70E	31	1N	77	12E	599262	25138	189	59	59	5	14	28	-0	18	ND		2.837
302	8	0	27.813	2215	31	17.38N	77	14.85E	30	52N	77	11E	599246	25139	189	59	59	13	14	28	-0	18	ND		2.837
303	8	0	30.033	2220	31	8.32N	77	12.99E	30	43N	77	9E	599232	25139	189	58	59	21	14	29	-0	18	ND		2.830
304	8	0	32.248	2215	30	59.27N	77	11.15E	30	34N	77	7E	599218	25139	189	58	59	30	14	31	-0	17	ND		2.837
305	8	0	34.469	2220	30	50.20N	77	9.30E	30	25N	77	5E	599207	25139	189	58	59	38	14	32	-0	17	ND		2.830
306	8	0	36.684	2215	30	41.16N	77	7.46E	30	16N	77	3E	599196	25139	189	57	59	46	14	34	-0	16	ND		2.837
307	8	0	38.903	2220	30	32.09N	77	5.62E	30	7N	77	1E	599187	25139	189	57	59	54	14	35	-0	15	ND		2.830
308	8	0	41.118	2215	30	23.04N	77	3.79E	29	58N	77	0E	599179	25139	189	56	60	3	14	37	-0	15	ND		2.837
309	8	0	43.333	2215	30	14.00N	77	1.97E	29	48N	76	58E	599172	25139	189	56	60	11	14	39	-0	14	ND		2.837
310	8	0	45.549	2215	30	4.94N	77	0.14E	29	39N	76	56E	599167	25139	189	56	60	19	14	40	-0	14	ND		2.837
311	8	0	47.764	2215	29	55.90N	76	58.32E	29	30N	76	54E	599163	25139	189	55	60	27	14	41	-0	13	ND		2.837
312	8	0	49.979	2216	29	46.84N	76	56.51E	29	21N	76	52E	599160	25139	189	55	60	36	14	43	-0	13	ND		2.835

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	9	2	17.814	0	38	8.57N	126	34.56W	38	41N	126	40W	740004	24815	349 37	-46 51	ND	ND	ND	1.628
2	9	2	21.674	3859	38	24.09N	126	38.17W	38	56N	126	44W	739621	24816	349 36	-46 37	ND	ND	ND	1.628
3	9	2	24.770	3096	38	36.54N	126	41.08W	39	9N	126	47W	739314	24816	349 35	-46 25	ND	ND	ND	2.029
4	9	2	27.658	2889	38	48.15N	126	43.81W	39	20N	126	49W	739028	24817	349 34	-46 14	ND	ND	ND	2.175
5	9	2	30.474	2815	38	59.47N	126	46.47W	39	32N	126	52W	738749	24818	349 34	-46 3	ND	ND	ND	2.232
6	9	2	33.248	2775	39	10.63N	126	49.11W	39	43N	126	55W	738475	24818	349 33	-45 52	ND	ND	ND	2.264
7	9	2	35.994	2746	39	21.67N	126	51.74W	39	54N	126	57W	738204	24819	349 32	-45 42	ND	ND	ND	2.288
8	9	2	38.733	2739	39	32.68N	126	54.36W	40	5N	127	0W	737933	24819	349 31	-45 31	ND	ND	ND	2.294
9	9	2	41.469	2735	39	43.67N	126	56.99W	40	16N	127	3W	737664	24820	349 30	-45 20	ND	ND	ND	2.297
10	9	2	44.193	2725	39	54.63N	126	59.62W	40	27N	127	5W	737395	24821	349 30	-45 10	ND	ND	ND	2.306
11	9	2	46.876	2683	40	5.41N	127	2.23W	40	38N	127	8W	737132	24821	349 29	-45 0	ND	ND	ND	2.342
12	9	2	49.623	2747	40	16.45N	127	4.90W	40	49N	127	11W	736862	24822	349 28	-44 49	ND	ND	ND	2.287
13	9	2	52.339	2715	40	27.36N	127	7.56W	41	0N	127	13W	736595	24822	349 27	-44 38	ND	ND	ND	2.314
14	9	2	55.049	2710	40	38.26N	127	10.22W	41	10N	127	16W	736329	24823	349 26	-44 28	ND	ND	ND	2.319
15	9	2	57.759	2710	40	49.15N	127	12.89W	41	21N	127	19W	736063	24823	349 25	-44 18	ND	ND	ND	2.319
16	9	3	0.464	2705	41	0.02N	127	15.56W	41	32N	127	22W	735798	24824	349 25	-44 7	ND	ND	ND	2.323

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PASS 73D FWD 30MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	9	18	3.014	0	76	18.13N	79	38.21E	75	52N	78	42E	645756	25026	206	50	15	9	15	11	-0	21	ND		1.916
2	9	18	6.292	3279	76	6.12N	79	12.95E	75	40N	78	19E	645416	25027	206	27	15	22	15	9	-0	21	ND		1.916
3	9	18	8.978	2685	75	56.25N	78	52.76E	75	31N	78	0E	645137	25028	206	9	15	33	15	6	-0	21	ND		2.340
4	9	18	11.487	2510	75	47.00N	78	34.29E	75	21N	77	43E	644878	25028	205	52	15	43	15	5	-0	20	ND		2.503
5	9	18	13.915	2428	75	38.03N	78	16.79E	75	12N	77	26E	644626	25029	205	36	15	52	15	3	-0	20	ND		2.588
6	9	18	16.308	2392	75	29.17N	77	59.87E	75	3N	77	11E	644380	25030	205	21	16	2	15	1	-0	19	ND		2.627
7	9	18	18.673	2365	75	20.40N	77	43.46E	74	55N	76	55E	644135	25030	205	6	16	11	14	60	-0	19	ND		2.657
8	9	18	21.027	2355	75	11.65N	77	27.43E	74	46N	76	40E	643892	25031	204	52	16	20	14	57	-0	19	ND		2.668
9	9	18	23.372	2345	75	2.92N	77	11.76E	74	37N	76	26E	643650	25031	204	38	16	29	14	56	-0	19	ND		2.679
10	9	18	25.708	2336	74	54.20N	76	56.43E	74	29N	76	11E	643409	25032	204	24	16	39	14	54	-0	19	ND		2.690
11	9	18	28.042	2334	74	45.47N	76	41.38E	74	20N	75	57E	643169	25032	204	11	16	48	14	52	-0	19	ND		2.692
12	9	18	30.367	2325	74	36.77N	76	26.66E	74	11N	75	43E	642930	25033	203	58	16	57	14	51	-0	19	ND		2.702
13	9	18	32.692	2325	74	28.04N	76	12.19E	74	2N	75	30E	642691	25034	203	45	17	6	14	49	-0	19	ND		2.702
14	9	18	35.013	2320	74	19.33N	75	58.01E	73	54N	75	16E	642453	25034	203	33	17	15	14	48	-0	19	ND		2.708
15	9	18	37.332	2320	74	10.60N	75	44.07E	73	45N	75	3E	642214	25035	203	20	17	24	14	47	-0	19	ND		2.708
16	9	18	39.648	2316	74	1.87N	75	30.39E	73	36N	74	50E	641977	25035	203	8	17	34	14	45	-0	19	ND		2.713
17	9	18	41.968	2319	73	53.11N	75	16.93E	73	28N	74	38E	641739	25036	202	56	17	43	14	44	-0	19	ND		2.709
18	9	18	44.277	2310	73	44.38N	75	3.74E	73	19N	74	25E	641503	25036	202	45	17	52	14	43	-0	19	ND		2.720
19	9	18	46.587	2310	73	35.63N	74	50.77E	73	10N	74	13E	641266	25037	202	34	18	1	14	42	-0	19	ND		2.720
20	9	18	48.897	2310	73	26.87N	74	38.01E	73	1N	74	1E	641030	25037	202	22	18	10	14	40	-0	19	ND		2.720
21	9	18	51.207	2310	73	18.11N	74	25.45E	72	53N	73	49E	640794	25038	202	11	18	19	14	39	-0	19	ND		2.720
22	9	18	53.513	2305	73	9.34N	74	13.13E	72	44N	73	37E	640559	25039	202	1	18	28	14	38	-0	20	ND		2.726
23	9	18	55.817	2305	73	0.57N	74	1.00E	72	35N	73	26E	640324	25039	201	50	18	37	14	37	-0	20	ND		2.726
24	9	18	58.117	2300	72	51.80N	73	49.09E	72	26N	73	14E	640090	25040	201	40	18	46	14	36	-0	20	ND		2.732
25	9	19	0.423	2305	72	43.01N	73	37.33E	72	18N	73	3E	639855	25040	201	30	18	56	14	35	-0	20	ND		2.726
26	9	19	2.718	2295	72	34.24N	73	25.81E	72	9N	72	52E	639622	25041	201	20	19	5	14	33	-0	20	ND		2.738
27	9	19	5.018	2300	72	25.44N	73	14.44E	72	0N	72	41E	639388	25041	201	10	19	14	14	32	-0	20	ND		2.732
28	9	19	7.313	2295	72	16.65N	73	3.27E	71	51N	72	31E	639156	25042	201	1	19	23	14	31	-0	21	ND		2.738
29	9	19	9.607	2295	72	7.86N	72	52.27E	71	42N	72	20E	638923	25042	200	51	19	32	14	30	-0	21	ND		2.738
30	9	19	11.897	2290	71	59.07N	72	41.45E	71	34N	72	10E	638691	25043	200	42	19	41	14	30	-0	21	ND		2.744
31	9	19	14.188	2290	71	50.27N	72	30.80E	71	25N	72	0E	638459	25043	200	33	19	50	14	29	-0	22	ND		2.744
32	9	19	16.478	2290	71	41.47N	72	20.29E	71	16N	71	50E	638228	25044	200	24	19	59	14	28	-0	22	ND		2.744
33	9	19	18.768	2290	71	32.65N	72	9.95E	71	7N	71	40E	637997	25045	200	15	20	8	14	27	-0	22	ND		2.744
34	9	19	21.053	2285	71	23.85N	71	59.77E	70	58N	71	30E	637766	25045	200	7	20	17	14	27	-0	23	ND		2.750
35	9	19	23.337	2285	71	15.04N	71	49.74E	70	50N	71	20E	637537	25046	199	58	20	26	14	27	-0	23	ND		2.750
36	9	19	25.622	2285	71	6.22N	71	39.85E	70	41N	71	11E	637306	25046	199	50	20	35	14	26	-0	23	ND		2.750
37	9	19	27.907	2285	70	57.39N	71	30.09E	70	32N	71	2E	637077	25047	199	42	20	44	14	26	-0	23	ND		2.750
38	9	19	30.188	2281	70	48.57N	71	20.49E	70	23N	70	53E	636848	25047	199	34	20	53	14	26	-0	23	ND		2.755
39	9	19	32.468	2279	70	39.75N	71	11.03E	70	14N	70	43E	636620	25048	199	26	21	2	14	26	-0	23	ND		2.757
40	9	19	34.747	2280	70	30.92N	71	1.70E	70	5N	70	34E	636391	25048	199	18	21	11	14	26	-0	23	ND		2.756
41	9	19	37.022	2275	70	22.10N	70	52.50E	69	57N	70	26E	636164	25049	199	11	21	20	14	25	-0	23	ND		2.762
42	9	19	39.298	2275	70	13.27N	70	43.44E	69	48N	70	17E	635937	25049	199	3	21	29	14	25	-0	24	ND		2.762
43	9	19	41.572	2275	70	4.44N	70	34.49E	69	39N	70	8E	635710	25050	198	56	21	38	14	25	-0	24	ND		2.762
44	9	19	43.848	2275	69	55.60N	70	25.66E	69	30N	70	0E	635483	25050	198	49	21	47	14	25	-0	24	ND		2.762
45	9	19	46.122	2275	69	46.76N	70	16.95E	69	21N	69	51E	635257	25051	198	42	21	56	14	25	-0	25	ND		2.762

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	9	19	48.389	2266	69 37.94N	70 8.38E	69 12N	69 43E	635032	25052	198 35	22 5	14 26	-0 25	ND	2.773
47	9	19	50.662	2274	69 29.08N	69 59.89E	69 4N	69 35E	634806	25052	198 28	22 14	14 26	-0 25	ND	2.763
48	9	19	52.933	2270	69 20.24N	69 51.53E	68 55N	69 27E	634581	25053	198 21	22 23	14 26	-0 25	ND	2.768
49	9	19	55.197	2265	69 11.40N	69 43.29E	68 46N	69 19E	634358	25053	198 14	22 32	14 26	-0 25	ND	2.774
50	9	19	57.468	2270	69 2.54N	69 35.13E	68 37N	69 11E	634133	25054	198 8	22 41	14 26	-0 25	ND	2.768
51	9	19	59.732	2265	68 53.70N	69 27.09E	68 28N	69 4E	633910	25054	198 1	22 50	14 25	-0 25	ND	2.774
52	9	20	1.997	2265	68 44.85N	69 19.16E	68 19N	68 56E	633687	25055	197 55	22 59	14 26	-0 25	ND	2.774
53	9	20	4.268	2270	68 35.98N	69 11.30E	68 10N	68 48E	633463	25055	197 49	23 8	14 26	-0 25	ND	2.768
54	9	20	6.532	2265	68 27.12N	69 3.55E	68 2N	68 41E	633241	25056	197 43	23 17	14 26	-0 25	ND	2.774
55	9	20	8.798	2265	68 18.25N	68 55.89E	67 53N	68 33E	633019	25056	197 37	23 26	14 26	-0 25	ND	2.774
56	9	20	11.058	2260	68 9.40N	68 48.35E	67 44N	68 26E	632798	25057	197 31	23 35	14 26	-0 25	ND	2.780
57	9	20	13.322	2265	68 0.52N	68 40.88E	67 35N	68 19E	632576	25057	197 25	23 44	14 27	-0 25	ND	2.774
58	9	20	15.578	2256	67 51.67N	68 33.52E	67 26N	68 12E	632356	25058	197 19	23 53	14 27	-0 25	ND	2.785
59	9	20	17.839	2260	67 42.80N	68 26.23E	67 17N	68 5E	632135	25058	197 13	24 2	14 27	-0 25	ND	2.780
60	9	20	20.098	2259	67 33.94N	68 19.03E	67 8N	67 58E	631915	25059	197 8	24 11	14 27	-0 25	ND	2.781
61	9	20	22.357	2260	67 25.06N	68 11.92E	66 59N	67 51E	631696	25059	197 2	24 20	14 27	-0 25	ND	2.780
62	9	20	24.617	2260	67 16.18N	68 4.88E	66 51N	67 44E	631477	25060	196 57	24 29	14 28	-0 25	ND	2.780
63	9	20	26.872	2255	67 7.31N	67 57.94E	66 42N	67 38E	631258	25060	196 51	24 38	14 28	-0 25	ND	2.786
64	9	20	29.127	2255	66 58.44N	67 51.07E	66 33N	67 31E	631040	25061	196 46	24 47	14 29	-0 25	ND	2.786
65	9	20	31.388	2260	66 49.55N	67 44.26E	66 24N	67 24E	630822	25062	196 41	24 56	14 29	-0 25	ND	2.780
66	9	20	33.639	2251	66 40.68N	67 37.56E	66 15N	67 18E	630605	25062	196 36	25 5	14 30	-0 25	ND	2.791
67	9	20	35.888	2249	66 31.82N	67 30.93E	66 6N	67 12E	630389	25063	196 31	25 14	14 30	-0 25	ND	2.794
68	9	20	38.141	2253	66 22.94N	67 24.37E	65 57N	67 5E	630172	25063	196 26	25 23	14 31	-0 24	ND	2.789
69	9	20	40.397	2257	66 14.04N	67 17.86E	65 48N	66 59E	629956	25064	196 21	25 32	14 31	-0 24	ND	2.784
70	9	20	42.652	2255	66 5.15N	67 11.43E	65 39N	66 53E	629740	25064	196 16	25 41	14 31	-0 24	ND	2.786
71	9	20	44.900	2248	65 56.27N	67 5.09E	65 30N	66 47E	629525	25065	196 11	25 49	14 31	-0 24	ND	2.795
72	9	20	47.152	2252	65 47.38N	66 58.80E	65 22N	66 40E	629311	25065	196 6	25 58	14 32	-0 24	ND	2.790
73	9	20	49.397	2245	65 38.51N	66 52.59E	65 13N	66 35E	629097	25066	196 2	26 7	14 33	-0 23	ND	2.799
74	9	20	51.647	2250	65 29.62N	66 46.44E	65 4N	66 29E	628883	25066	195 57	26 16	14 33	-0 23	ND	2.793
75	9	20	53.897	2250	65 20.72N	66 40.35E	64 55N	66 23E	628670	25067	195 53	26 25	14 33	-0 23	ND	2.793
76	9	20	56.143	2245	65 11.84N	66 34.33E	64 46N	66 17E	628457	25067	195 48	26 34	14 34	-0 22	ND	2.799
77	9	20	58.388	2245	65 2.96N	66 28.37E	64 37N	66 11E	628245	25068	195 44	26 43	14 35	-0 22	ND	2.799
78	9	21	0.633	2245	64 54.07N	66 22.48E	64 28N	66 5E	628033	25068	195 40	26 52	14 35	-0 21	ND	2.799
79	9	21	2.883	2250	64 45.16N	66 16.63E	64 19N	66 0E	627822	25069	195 35	27 1	14 36	-0 21	ND	2.793
80	9	21	5.118	2236	64 36.31N	66 10.87E	64 10N	65 54E	627612	25069	195 31	27 10	14 36	-0 21	ND	2.810
81	9	21	7.362	2244	64 27.41N	66 5.15E	64 1N	65 49E	627402	25070	195 27	27 18	14 36	-0 20	ND	2.800
82	9	21	9.607	2245	64 18.51N	65 59.48E	63 52N	65 43E	627191	25070	195 23	27 27	14 37	-0 20	ND	2.799
83	9	21	11.853	2245	64 9.61N	65 53.86E	63 44N	65 38E	626982	25071	195 19	27 36	14 38	-0 19	ND	2.799
84	9	21	14.087	2235	64 0.74N	65 48.33E	63 35N	65 32E	626774	25071	195 15	27 45	14 39	-0 18	ND	2.811
85	9	21	16.332	2245	63 51.83N	65 42.82E	63 26N	65 27E	626566	25072	195 11	27 54	14 39	-0 18	ND	2.799
86	9	21	18.572	2240	63 42.94N	65 37.38E	63 17N	65 22E	626357	25072	195 7	28 3	14 40	-0 17	ND	2.805
87	9	21	20.813	2240	63 34.04N	65 31.98E	63 8N	65 17E	626151	25073	195 3	28 12	14 41	-0 17	ND	2.805
88	9	21	23.053	2240	63 25.14N	65 26.64E	62 59N	65 12E	625944	25073	194 59	28 21	14 42	-0 16	ND	2.805
89	9	21	25.292	2240	63 16.24N	65 21.34E	62 50N	65 6E	625737	25074	194 56	28 30	14 42	-0 16	ND	2.805
90	9	21	27.532	2240	63 7.33N	65 16.10E	62 41N	65 1E	625531	25074	194 52	28 38	14 43	-0 16	ND	2.805

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FRM	Z TIME	DTIM	CAMERA NADIR LAT	CAMERA NADIR LONG	FORMAT CENTER LAT	FORMAT CENTER LONG	ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR MI SEC	MILS	DEG MIN	DEG MIN	DEG MIN	DEG MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
91	9 21 29.777	2245	62 58.40N	65 10.89E	62 32N	64 56E	625326	25075	194 48	28 47	14 43	-0 15	ND	2.799
92	9 21 32.018	2240	62 49.49N	65 5.73E	62 23N	64 51E	625120	25075	194 45	28 56	14 43	-0 15	ND	2.805
93	9 21 34.263	2245	62 40.56N	65 0.62E	62 14N	64 46E	624915	25076	194 41	29 5	14 44	-0 15	ND	2.799
94	9 21 36.502	2240	62 31.64N	64 55.56E	62 5N	64 41E	624712	25076	194 38	29 14	14 45	-0 14	ND	2.805
95	9 21 38.737	2235	62 22.74N	64 50.55E	61 56N	64 37E	624508	25076	194 34	29 23	14 45	-0 13	ND	2.811
96	9 21 40.982	2245	62 13.80N	64 45.57E	61 47N	64 32E	624305	25077	194 31	29 32	14 45	-0 13	ND	2.799
97	9 21 43.218	2235	62 4.90N	64 40.65E	61 39N	64 27E	624103	25077	194 27	29 41	14 46	-0 12	ND	2.811
98	9 21 45.457	2240	61 55.97N	64 35.76E	61 30N	64 22E	623901	25078	194 24	29 49	14 47	-0 12	ND	2.805
99	9 21 47.692	2235	61 47.06N	64 30.93E	61 21N	64 18E	623700	25078	194 21	29 58	14 47	-0 12	ND	2.811
100	9 21 49.933	2240	61 38.13N	64 26.12E	61 12N	64 13E	623499	25079	194 18	30 7	14 47	-0 12	ND	2.805
101	9 21 52.167	2235	61 29.21N	64 21.37E	61 3N	64 8E	623299	25079	194 14	30 16	14 47	-0 11	ND	2.811
102	9 21 54.402	2235	61 20.30N	64 16.66E	60 54N	64 4E	623099	25080	194 11	30 25	14 47	-0 11	ND	2.811
103	9 21 56.638	2235	61 11.37N	64 11.98E	60 45N	63 59E	622900	25080	194 8	30 34	14 47	-0 11	ND	2.811
104	9 21 58.872	2235	61 2.45N	64 7.35E	60 36N	63 55E	622701	25081	194 5	30 42	14 48	-0 10	ND	2.811
105	9 22 1.103	2230	60 53.55N	64 2.76E	60 27N	63 50E	622504	25081	194 2	30 51	14 48	-0 10	ND	2.818
106	9 22 3.337	2235	60 44.62N	63 58.20E	60 18N	63 46E	622306	25082	193 59	31 0	14 48	-0 10	ND	2.811
107	9 22 5.567	2230	60 35.71N	63 53.69E	60 9N	63 41E	622110	25082	193 56	31 9	14 48	-0 10	ND	2.818
108	9 22 7.803	2235	60 26.78N	63 49.20E	60 0N	63 37E	621913	25083	193 53	31 18	14 48	-0 9	ND	2.811
109	9 22 10.032	2230	60 17.87N	63 44.76E	59 51N	63 33E	621718	25083	193 50	31 27	14 48	-0 9	ND	2.818
110	9 22 12.268	2235	60 8.93N	63 40.34E	59 43N	63 28E	621523	25084	193 47	31 35	14 48	-0 9	ND	2.811
111	9 22 14.497	2230	60 0.02N	63 35.97E	59 34N	63 24E	621328	25084	193 45	31 44	14 47	-0 9	ND	2.818
112	9 22 16.729	2231	59 51.09N	63 31.63E	59 25N	63 20E	621134	25085	193 42	31 53	14 46	-0 9	ND	2.816
113	9 22 18.962	2234	59 42.15N	63 27.31E	59 16N	63 16E	620940	25085	193 39	32 2	14 45	-0 9	ND	2.813
114	9 22 21.197	2235	59 33.21N	63 23.03E	59 7N	63 12E	620747	25085	193 36	32 11	14 45	-0 9	ND	2.811
115	9 22 23.428	2230	59 24.28N	63 18.79E	58 58N	63 7E	620555	25086	193 34	32 19	14 44	-0 9	ND	2.818
116	9 22 25.657	2230	59 15.35N	63 14.59E	58 49N	63 3E	620363	25086	193 31	32 28	14 43	-0 9	ND	2.818
117	9 22 27.893	2235	59 6.40N	63 10.40E	58 40N	62 59E	620172	25087	193 28	32 37	14 42	-0 9	ND	2.811
118	9 22 30.118	2226	58 57.49N	63 6.26E	58 31N	62 55E	619982	25087	193 26	32 46	14 41	-0 9	ND	2.823
119	9 22 32.348	2229	58 48.55N	63 2.15E	58 22N	62 51E	619791	25088	193 23	32 54	14 40	-0 10	ND	2.819
120	9 22 34.577	2230	58 39.62N	62 58.07E	58 14N	62 47E	619603	25088	193 21	33 3	14 38	-0 10	ND	2.818
121	9 22 36.808	2230	58 30.68N	62 54.01E	58 5N	62 43E	619414	25089	193 18	33 12	14 36	-0 11	ND	2.818
122	9 22 39.032	2225	58 21.76N	62 50.00E	57 56N	62 39E	619226	25089	193 16	33 21	14 35	-0 12	ND	2.824
123	9 22 41.268	2235	58 12.80N	62 46.00E	57 47N	62 35E	619039	25090	193 13	33 30	14 34	-0 13	ND	2.811
124	9 22 43.493	2226	58 3.87N	62 42.04E	57 38N	62 31E	618852	25090	193 11	33 38	14 34	-0 14	ND	2.823
125	9 22 45.728	2234	57 54.91N	62 38.09E	57 29N	62 28E	618664	25090	193 8	33 47	14 33	-0 15	ND	2.813
126	9 22 47.952	2225	57 45.98N	62 34.19E	57 20N	62 24E	618479	25091	193 6	33 56	14 33	-0 15	ND	2.824
127	9 22 50.183	2230	57 37.03N	62 30.31E	57 11N	62 20E	618295	25091	193 4	34 5	14 32	-0 15	ND	2.818
128	9 22 52.407	2225	57 28.10N	62 26.46E	57 2N	62 16E	618110	25092	193 1	34 13	14 32	-0 16	ND	2.824
129	9 22 54.638	2230	57 19.14N	62 22.63E	56 53N	62 12E	617926	25092	192 59	34 22	14 32	-0 16	ND	2.818
130	9 22 56.862	2225	57 10.21N	62 18.83E	56 44N	62 9E	617744	25093	192 57	34 31	14 32	-0 16	ND	2.824
131	9 22 59.087	2225	57 1.28N	62 15.07E	56 35N	62 5E	617561	25093	192 55	34 40	14 32	-0 17	ND	2.824
132	9 23 1.313	2226	56 52.33N	62 11.32E	56 27N	62 1E	617380	25094	192 52	34 49	14 33	-0 17	ND	2.823
133	9 23 3.542	2229	56 43.38N	62 7.60E	56 18N	61 58E	617198	25094	192 50	34 57	14 33	-0 17	ND	2.819
134	9 23 5.773	2231	56 34.41N	62 3.89E	56 9N	61 54E	617017	25094	192 48	35 6	14 33	-0 17	ND	2.816
135	9 23 8.002	2229	56 25.45N	62 0.22E	56 0N	61 50E	616838	25095	192 46	35 15	14 34	-0 17	ND	2.819

Approved for Release 2007/06/09 : CIA-RDP78T05439A000300140003-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	9	23	10.228	2225	56	16.51N	61	56.57E	55	51N	61	47E	616658	25095	192	44	35	24	14	34	-0	17	ND		2.824
137	9	23	12.458	2231	56	7.54N	61	52.94E	55	42N	61	43E	616479	25096	192	42	35	33	14	35	-0	17	ND		2.816
138	9	23	14.688	2229	55	58.57N	61	49.34E	55	33N	61	40E	616301	25096	192	40	35	41	14	35	-0	17	ND		2.819
139	9	23	16.912	2225	55	49.63N	61	45.77E	55	24N	61	36E	616124	25097	192	38	35	50	14	35	-0	17	ND		2.824
140	9	23	19.143	2230	55	40.65N	61	42.21E	55	15N	61	33E	615948	25097	192	36	35	59	14	36	-0	17	ND		2.818
141	9	23	21.372	2230	55	31.68N	61	38.67E	55	6N	61	29E	615771	25097	192	34	36	8	14	36	-0	17	ND		2.818
142	9	23	23.598	2225	55	22.73N	61	35.17E	54	57N	61	26E	615596	25098	192	32	36	17	14	37	-0	17	ND		2.824
143	9	23	25.822	2225	55	13.77N	61	31.68E	54	48N	61	22E	615422	25098	192	30	36	25	14	38	-0	16	ND		2.824
144	9	23	28.048	2225	55	4.81N	61	28.22E	54	39N	61	19E	615248	25099	192	28	36	34	14	39	-0	16	ND		2.824
145	9	23	30.272	2225	54	55.86N	61	24.78E	54	30N	61	16E	615075	25099	192	26	36	43	14	39	-0	16	ND		2.824
146	9	23	32.502	2230	54	46.88N	61	21.36E	54	21N	61	12E	614902	25099	192	24	36	52	14	41	-0	16	ND		2.818
147	9	23	34.724	2221	54	37.93N	61	17.96E	54	12N	61	9E	614731	25100	192	22	37	1	14	42	-0	15	ND		2.829
148	9	23	36.947	2224	54	28.97N	61	14.59E	54	3N	61	6E	614560	25100	192	20	37	9	14	42	-0	15	ND		2.825
149	9	23	39.173	2225	54	20.01N	61	11.23E	53	54N	61	2E	614389	25101	192	18	37	18	14	43	-0	15	ND		2.824
150	9	23	41.397	2225	54	11.04N	61	7.89E	53	45N	60	59E	614221	25101	192	17	37	27	14	43	-0	15	ND		2.824
151	9	23	43.627	2230	54	2.06N	61	4.57E	53	36N	60	56E	614051	25102	192	15	37	36	14	45	-0	14	ND		2.818
152	9	23	45.848	2220	53	53.11N	61	1.28E	53	27N	60	53E	613884	25102	192	13	37	44	14	45	-0	14	ND		2.830
153	9	23	48.072	2225	53	44.14N	60	58.00E	53	18N	60	49E	613716	25102	192	11	37	53	14	46	-0	14	ND		2.824
154	9	23	50.303	2230	53	35.14N	60	54.74E	53	9N	60	46E	613549	25103	192	10	38	2	14	47	-0	14	ND		2.818
155	9	23	52.527	2225	53	26.17N	60	51.50E	53	0N	60	43E	613383	25103	192	8	38	11	14	48	-0	14	ND		2.824
156	9	23	54.752	2225	53	17.20N	60	48.28E	52	51N	60	40E	613218	25104	192	6	38	20	14	49	-0	14	ND		2.824
157	9	23	56.978	2225	53	8.22N	60	45.08E	52	42N	60	37E	613053	25104	192	5	38	28	14	50	-0	14	ND		2.824
158	9	23	59.198	2221	52	59.26N	60	41.90E	52	33N	60	34E	612890	25104	192	3	38	37	14	51	-0	14	ND		2.829
159	9	24	1.423	2224	52	50.29N	60	38.73E	52	24N	60	30E	612727	25105	192	1	38	46	14	51	-0	14	ND		2.825
160	9	24	3.647	2225	52	41.31N	60	35.58E	52	15N	60	27E	612565	25105	192	0	38	55	14	52	-0	14	ND		2.824
161	9	24	5.868	2221	52	32.35N	60	32.46E	52	6N	60	24E	612403	25106	191	58	39	3	14	52	-0	14	ND		2.829
162	9	24	8.093	2224	52	23.37N	60	29.35E	51	57N	60	21E	612243	25106	191	56	39	12	14	52	-0	14	ND		2.825
163	9	24	10.317	2225	52	14.39N	60	26.25E	51	48N	60	18E	612083	25106	191	55	39	21	14	53	-0	14	ND		2.824
164	9	24	12.537	2220	52	5.42N	60	23.18E	51	39N	60	15E	611925	25107	191	53	39	30	14	54	-0	15	ND		2.830
165	9	24	14.763	2225	51	56.44N	60	20.12E	51	30N	60	12E	611766	25107	191	52	39	38	14	55	-0	15	ND		2.824
166	9	24	16.987	2225	51	47.45N	60	17.07E	51	21N	60	9E	611608	25107	191	50	39	47	14	56	-0	16	ND		2.824
167	9	24	19.207	2220	51	38.49N	60	14.05E	51	12N	60	6E	611452	25108	191	49	39	56	14	56	-0	16	ND		2.830
168	9	24	21.429	2221	51	29.51N	60	11.04E	51	3N	60	3E	611296	25108	191	47	40	5	14	57	-0	17	ND		2.829
169	9	24	23.652	2224	51	20.53N	60	8.05E	50	54N	60	0E	611141	25109	191	46	40	13	14	58	-0	17	ND		2.825
170	9	24	25.877	2225	51	11.54N	60	5.07E	50	45N	59	57E	610986	25109	191	44	40	22	14	58	-0	19	ND		2.824
171	9	24	28.099	2221	51	2.56N	60	2.10E	50	36N	59	54E	610833	25109	191	43	40	31	14	58	-0	20	ND		2.829
172	9	24	30.322	2224	50	53.57N	59	59.16E	50	27N	59	51E	610680	25110	191	41	40	40	14	59	-0	20	ND		2.825
173	9	24	32.548	2225	50	44.57N	59	56.22E	50	18N	59	48E	610528	25110	191	40	40	48	14	59	-0	21	ND		2.824
174	9	24	34.768	2220	50	35.60N	59	53.31E	50	9N	59	45E	610376	25110	191	39	40	57	14	60	-0	22	ND		2.830
175	9	24	36.992	2225	50	26.60N	59	50.40E	50	0N	59	42E	610227	25111	191	37	41	6	15	1	-0	23	ND		2.824
176	9	24	39.212	2220	50	17.63N	59	47.52E	49	51N	59	40E	610077	25111	191	36	41	15	15	2	-0	23	ND		2.830
177	9	24	41.433	2220	50	8.65N	59	44.65E	49	42N	59	37E	609929	25112	191	35	41	23	15	2	-0	24	ND		2.830
178	9	24	43.657	2225	49	59.65N	59	41.79E	49	33N	59	34E	609780	25112	191	33	41	32	15	3	-0	24	ND		2.824
179	9	24	45.883	2225	49	50.64N	59	38.94E	49	24N	59	31E	609634	25112	191	32	41	41	15	3	-0	25	ND		2.824
180	9	24	48.103	2220	49	41.66N	59	36.11E	49	15N	59	28E	609487	25113	191	31	41	50	15	3	-0	25	ND		2.830

Approved for Release 2007/06/05 : CIA-RDP78B04747A000300040008-4

FRAME EPHEMERIS MISSION 1018-2

PASS 73D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 30

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
181	9	24	50.327	2225	49	32.66N	59	33.30E	49	6N	59	26E	609341	25113	191	29	41	58	15	3	-0	25	ND		2.824
182	9	24	52.553	2225	49	23.66N	59	30.49E	48	57N	59	23E	609197	25113	191	28	42	7	15	4	-0	24	ND		2.824
183	9	24	54.772	2220	49	14.67N	59	27.70E	48	48N	59	20E	609054	25114	191	27	42	16	15	4	-0	24	ND		2.830
184	9	24	56.997	2225	49	5.67N	59	24.93E	48	39N	59	17E	608911	25114	191	25	42	24	15	5	-0	23	ND		2.824
185	9	24	59.219	2221	48	56.67N	59	22.17E	48	30N	59	15E	608769	25114	191	24	42	33	15	5	-0	22	ND		2.829
186	9	25	1.438	2219	48	47.69N	59	19.42E	48	21N	59	12E	608628	25115	191	23	42	42	15	5	-0	22	ND		2.832
187	9	25	3.662	2225	48	38.68N	59	16.68E	48	12N	59	9E	608487	25115	191	22	42	51	15	6	-0	21	ND		2.824
188	9	25	5.877	2215	48	29.71N	59	13.97E	48	3N	59	7E	608348	25115	191	21	42	59	15	6	-0	21	ND		2.837
189	9	25	8.103	2225	48	20.70N	59	11.26E	47	54N	59	4E	608210	25116	191	19	43	8	15	6	-0	21	ND		2.824
190	9	25	10.317	2215	48	11.73N	59	8.57E	47	45N	59	1E	608073	25116	191	18	43	17	15	6	-0	21	ND		2.837
191	9	25	12.542	2225	48	2.72N	59	5.88E	47	36N	58	59E	607936	25116	191	17	43	25	15	6	-0	22	ND		2.824
192	9	25	14.763	2220	47	53.72N	59	3.21E	47	27N	58	56E	607800	25117	191	16	43	34	15	6	-0	22	ND		2.830
193	9	25	16.987	2225	47	44.71N	59	0.55E	47	18N	58	53E	607666	25117	191	15	43	43	15	6	-0	22	ND		2.824
194	9	25	19.207	2220	47	35.71N	58	57.90E	47	9N	58	51E	607531	25117	191	14	43	51	15	6	-0	23	ND		2.830
195	9	25	21.428	2220	47	26.71N	58	55.27E	47	0N	58	48E	607398	25118	191	12	44	0	15	6	-0	23	ND		2.830
196	9	25	23.647	2220	47	17.72N	58	52.65E	46	51N	58	46E	607266	25118	191	11	44	9	15	5	-0	24	ND		2.830
197	9	25	25.867	2220	47	8.72N	58	50.04E	46	42N	58	43E	607135	25118	191	10	44	17	15	5	-0	24	ND		2.830
198	9	25	28.089	2221	46	59.71N	58	47.43E	46	33N	58	40E	607005	25119	191	9	44	26	15	5	-0	24	ND		2.829
199	9	25	30.313	2224	46	50.70N	58	44.84E	46	24N	58	38E	606875	25119	191	8	44	35	15	5	-0	25	ND		2.825
200	9	25	32.527	2215	46	41.72N	58	42.27E	46	15N	58	35E	606747	25119	191	7	44	43	15	4	-0	26	ND		2.837
201	9	25	34.752	2225	46	32.69N	58	39.70E	46	6N	58	33E	606618	25120	191	6	44	52	15	4	-0	27	ND		2.824
202	9	25	36.973	2220	46	23.69N	58	37.15E	45	57N	58	30E	606492	25120	191	5	45	1	15	3	-0	27	ND		2.830
203	9	25	39.192	2220	46	14.69N	58	34.60E	45	48N	58	28E	606366	25120	191	4	45	9	15	3	-0	28	ND		2.830
204	9	25	41.412	2220	46	5.68N	58	32.07E	45	39N	58	25E	606241	25121	191	3	45	18	15	3	-0	29	ND		2.830
205	9	25	43.638	2225	45	56.65N	58	29.54E	45	30N	58	23E	606117	25121	191	2	45	27	15	2	-0	29	ND		2.824
206	9	25	45.857	2220	45	47.65N	58	27.03E	45	21N	58	20E	605995	25121	191	1	45	35	15	2	-0	29	ND		2.830
207	9	25	48.077	2220	45	38.64N	58	24.53E	45	12N	58	18E	605872	25121	191	0	45	44	15	2	-0	30	ND		2.830
208	9	25	50.298	2220	45	29.63N	58	22.04E	45	3N	58	15E	605751	25122	190	59	45	53	15	1	-0	30	ND		2.830
209	9	25	52.522	2225	45	20.60N	58	19.56E	44	54N	58	13E	605631	25122	190	58	46	1	15	0	-0	30	ND		2.824
210	9	25	54.742	2220	45	11.59N	58	17.09E	44	45N	58	10E	605512	25122	190	57	46	10	14	60	-0	31	ND		2.830
211	9	25	56.962	2220	45	2.58N	58	14.63E	44	36N	58	8E	605394	25123	190	56	46	19	14	58	-0	31	ND		2.830
212	9	25	59.183	2220	44	53.57N	58	12.18E	44	27N	58	5E	605277	25123	190	55	46	27	14	58	-0	31	ND		2.830
213	9	26	1.402	2220	44	44.56N	58	9.74E	44	18N	58	3E	605161	25123	190	54	46	36	14	57	-0	31	ND		2.830
214	9	26	3.622	2220	44	35.55N	58	7.30E	44	9N	58	1E	605045	25123	190	53	46	44	14	57	-0	31	ND		2.830
215	9	26	5.848	2225	44	26.51N	58	4.88E	44	0N	57	58E	604931	25124	190	52	46	53	14	56	-0	31	ND		2.824
216	9	26	8.067	2220	44	17.49N	58	2.47E	43	51N	57	56E	604818	25124	190	51	47	2	14	55	-0	31	ND		2.830
217	9	26	10.287	2220	44	8.48N	58	0.06E	43	42N	57	53E	604705	25124	190	50	47	10	14	55	-0	30	ND		2.830
218	9	26	12.508	2220	43	59.46N	57	57.67E	43	33N	57	51E	604594	25125	190	49	47	19	14	54	-0	30	ND		2.830
219	9	26	14.728	2220	43	50.44N	57	55.29E	43	24N	57	49E	604483	25125	190	49	47	28	14	53	-0	29	ND		2.830
220	9	26	16.943	2216	43	41.44N	57	52.92E	43	15N	57	46E	604375	25125	190	48	47	36	14	53	-0	28	ND		2.835
221	9	26	19.167	2224	43	32.41N	57	50.55E	43	6N	57	44E	604266	25125	190	47	47	45	14	52	-0	27	ND		2.825
222	9	26	21.383	2215	43	23.41N	57	48.20E	42	57N	57	42E	604159	25126	190	46	47	53	14	51	-0	27	ND		2.837
223	9	26	23.607	2225	43	14.37N	57	45.84E	42	48N	57	40E	604053	25126	190	45	48	2	14	50	-0	26	ND		2.824
224	9	26	25.822	2215	43	5.37N	57	43.51E	42	39N	57	37E	603947	25126	190	44	48	10	14	49	-0	25	ND		2.837
225	9	26	28.042	2220	42	56.35N	57	41.18E	42	30N	57	35E	603843	25126	190	43	48	19	14	49	-0	24	ND		2.830

FRAME EPHEMERIS MISSION 1018-2

PASS 73D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 31

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	9	26	30.268	2225	42	47.30N	57	38.85E	42	21N	57	33E	603740	25127	190	43	48	28	14	48	-0	23	ND		2.824
227	9	26	32.487	2220	42	38.28N	57	36.54E	42	12N	57	31E	603637	25127	190	42	48	36	14	48	-0	22	ND		2.830
228	9	26	34.702	2215	42	29.28N	57	34.24E	42	3N	57	28E	603537	25127	190	41	48	45	14	47	-0	21	ND		2.837
229	9	26	36.928	2225	42	20.23N	57	31.94E	41	54N	57	26E	603436	25127	190	40	48	53	14	46	-0	21	ND		2.824
230	9	26	39.147	2220	42	11.20N	57	29.65E	41	45N	57	24E	603337	25128	190	39	49	2	14	45	-0	20	ND		2.830
231	9	26	41.372	2225	42	2.16N	57	27.37E	41	36N	57	22E	603239	25128	190	39	49	11	14	44	-0	19	ND		2.824
232	9	26	43.587	2215	41	53.15N	57	25.10E	41	27N	57	19E	603142	25128	190	38	49	19	14	43	-0	19	ND		2.837
233	9	26	45.808	2220	41	44.12N	57	22.84E	41	18N	57	17E	603046	25128	190	37	49	28	14	43	-0	18	ND		2.830
234	9	26	48.032	2225	41	35.08N	57	20.58E	41	9N	57	15E	602951	25129	190	36	49	36	14	42	-0	17	ND		2.824
235	9	26	50.252	2220	41	26.05N	57	18.33E	41	0N	57	13E	602857	25129	190	36	49	45	14	42	-0	16	ND		2.830
236	9	26	52.473	2220	41	17.02N	57	16.09E	40	51N	57	11E	602765	25129	190	35	49	53	14	41	-0	15	ND		2.830
237	9	26	54.688	2215	41	8.01N	57	13.86E	40	42N	57	9E	602673	25129	190	34	50	2	14	41	-0	15	ND		2.837
238	9	26	56.908	2221	40	58.97N	57	11.64E	40	33N	57	6E	602582	25130	190	33	50	11	14	40	-0	14	ND		2.829
239	9	26	59.127	2219	40	49.95N	57	9.42E	40	24N	57	4E	602493	25130	190	33	50	19	14	40	-0	13	ND		2.832
240	9	27	1.348	2220	40	40.91N	57	7.21E	40	15N	57	2E	602405	25130	190	32	50	28	14	40	-0	12	ND		2.830
241	9	27	3.563	2215	40	31.90N	57	5.01E	40	6N	57	0E	602317	25130	190	31	50	36	14	39	-0	12	ND		2.837
242	9	27	5.782	2220	40	22.87N	57	2.82E	39	57N	56	58E	602231	25130	190	31	50	45	14	39	-0	11	ND		2.830
243	9	27	8.002	2220	40	13.83N	57	0.63E	39	48N	56	56E	602145	25131	190	30	50	53	14	39	-0	11	ND		2.830
244	9	27	10.223	2220	40	4.79N	56	58.45E	39	39N	56	53E	602062	25131	190	29	51	2	14	39	-0	10	ND		2.830
245	9	27	12.438	2215	39	55.78N	56	56.28E	39	30N	56	51E	601978	25131	190	28	51	10	14	39	-0	10	ND		2.837
246	9	27	14.657	2220	39	46.74N	56	54.11E	39	21N	56	49E	601897	25131	190	28	51	19	14	39	-0	9	ND		2.830
247	9	27	16.873	2216	39	37.72N	56	51.96E	39	12N	56	47E	601816	25131	190	27	51	27	14	39	-0	9	ND		2.835
248	9	27	19.098	2224	39	28.67N	56	49.80E	39	3N	56	45E	601736	25132	190	26	51	36	14	39	-0	8	ND		2.825
249	9	27	21.313	2215	39	19.65N	56	47.66E	38	54N	56	43E	601657	25132	190	26	51	44	14	39	-0	8	ND		2.837
250	9	27	23.532	2220	39	10.61N	56	45.52E	38	45N	56	41E	601580	25132	190	25	51	53	14	39	-0	8	ND		2.830
251	9	27	25.747	2215	39	1.60N	56	43.39E	38	36N	56	39E	601504	25132	190	25	52	2	14	38	-0	8	ND		2.837
252	9	27	27.968	2220	38	52.55N	56	41.27E	38	27N	56	37E	601428	25132	190	24	52	10	14	38	-0	7	ND		2.830
253	9	27	30.188	2220	38	43.51N	56	39.15E	38	18N	56	34E	601354	25133	190	23	52	19	14	38	-0	7	ND		2.830
254	9	27	32.407	2220	38	34.47N	56	37.04E	38	9N	56	32E	601281	25133	190	23	52	27	14	38	-0	7	ND		2.830
255	9	27	34.623	2216	38	25.45N	56	34.94E	38	0N	56	30E	601209	25133	190	22	52	36	14	38	-0	7	ND		2.835
256	9	27	36.844	2220	38	16.40N	56	32.84E	37	51N	56	28E	601139	25133	190	21	52	44	14	39	-0	6	ND		2.830
257	9	27	39.063	2219	38	7.36N	56	30.74E	37	42N	56	26E	601069	25133	190	21	52	53	14	39	-0	6	ND		2.832
258	9	27	41.282	2220	37	58.32N	56	28.66E	37	33N	56	24E	601001	25134	190	20	53	1	14	39	-0	7	ND		2.830
259	9	27	43.508	2225	37	49.25N	56	26.57E	37	24N	56	22E	600933	25134	190	20	53	10	14	39	-0	7	ND		2.824
260	9	27	45.723	2215	37	40.23N	56	24.50E	37	15N	56	20E	600867	25134	190	19	53	18	14	40	-0	8	ND		2.837
261	9	27	47.942	2220	37	31.19N	56	22.43E	37	6N	56	18E	600802	25134	190	18	53	27	14	40	-0	8	ND		2.830
262	9	27	50.158	2216	37	22.16N	56	20.38E	36	57N	56	16E	600738	25134	190	18	53	35	14	41	-0	9	ND		2.835
263	9	27	52.383	2224	37	13.09N	56	18.32E	36	47N	56	14E	600675	25134	190	17	53	44	14	41	-0	10	ND		2.825
264	9	27	54.596	2213	37	4.07N	56	16.27E	36	38N	56	12E	600614	25135	190	17	53	52	14	41	-0	10	ND		2.839
265	9	27	56.817	2222	36	55.02N	56	14.23E	36	29N	56	10E	600554	25135	190	16	54	1	14	41	-0	12	ND		2.828

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FRAME EPHEMERIS MISSION 1018-2

PASS 74D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 32

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	10	46	31.862	0	77	40.16N	60	41.79E	77	17N	59	33E	647693	25022	209	51	13	38	14	34	-0	41	ND		1.803
2	10	46	35.348	3485	77	27.74N	60	9.04E	77	4N	59	3E	647333	25022	209	20	13	52	14	33	-0	40	ND		1.803
3	10	46	38.093	2745	77	17.91N	59	43.96E	76	54N	58	40E	647049	25023	208	57	14	3	14	33	-0	39	ND		2.289
4	10	46	40.636	2543	77	8.78N	59	21.28E	76	45N	58	19E	646786	25024	208	36	14	13	14	33	-0	38	ND		2.471
5	10	46	43.093	2457	76	59.92N	58	59.84E	76	36N	57	59E	646532	25024	208	17	14	22	14	33	-0	37	ND		2.557
6	10	46	45.491	2399	76	51.25N	58	39.36E	76	27N	57	40E	646285	25025	207	58	14	32	14	32	-0	35	ND		2.619
7	10	46	47.877	2386	76	42.60N	58	19.41E	76	18N	57	21E	646038	25025	207	40	14	41	14	32	-0	33	ND		2.633
8	10	46	50.247	2370	76	33.98N	57	59.99E	76	10N	57	3E	645793	25026	207	22	14	51	14	32	-0	30	ND		2.651
9	10	46	52.603	2355	76	25.39N	57	41.08E	76	1N	56	46E	645551	25027	207	5	15	0	14	31	-0	28	ND		2.668
10	10	46	54.952	2350	76	16.80N	57	22.59E	75	52N	56	29E	645309	25027	206	48	15	9	14	31	-0	25	ND		2.674
11	10	46	57.298	2345	76	8.21N	57	4.50E	75	44N	56	12E	645068	25028	206	31	15	19	14	31	-0	22	ND		2.679
12	10	46	59.638	2340	75	59.61N	56	46.80E	75	35N	55	56E	644827	25028	206	15	15	28	14	31	-0	20	ND		2.685
13	10	47	1.973	2335	75	51.02N	56	29.47E	75	26N	55	40E	644587	25029	206	0	15	37	14	31	-0	19	ND		2.691
14	10	47	4.303	2330	75	42.42N	56	12.51E	75	18N	55	24E	644347	25029	205	44	15	46	14	31	-0	17	ND		2.697
15	10	47	6.633	2330	75	33.80N	55	55.86E	75	9N	55	8E	644108	25030	205	29	15	56	14	31	-0	16	ND		2.697
16	10	47	8.962	2330	75	25.17N	55	39.54E	75	0N	54	53E	643869	25031	205	15	16	5	14	31	-0	15	ND		2.697
17	10	47	11.288	2326	75	16.54N	55	23.53E	74	52N	54	38E	643631	25031	205	0	16	14	14	31	-0	14	ND		2.701
18	10	47	13.612	2324	75	7.89N	55	7.83E	74	43N	54	23E	643393	25032	204	46	16	23	14	31	-0	13	ND		2.704
19	10	47	15.928	2315	74	59.26N	54	52.47E	74	34N	54	9E	643155	25032	204	33	16	32	14	31	-0	12	ND		2.714
20	10	47	18.252	2325	74	50.58N	54	37.32E	74	26N	53	54E	642917	25033	204	19	16	42	14	31	-0	12	ND		2.702
21	10	47	20.572	2320	74	41.90N	54	22.47E	74	17N	53	40E	642680	25033	204	6	16	51	14	31	-0	12	ND		2.708
22	10	47	22.883	2310	74	33.24N	54	7.95E	74	8N	53	27E	642444	25034	203	53	17	0	14	31	-0	12	ND		2.720
23	10	47	25.192	2310	74	24.57N	53	53.68E	73	59N	53	13E	642209	25034	203	40	17	9	14	31	-0	12	ND		2.720
24	10	47	27.502	2310	74	15.89N	53	39.65E	73	51N	53	0E	641973	25035	203	28	17	18	14	31	-0	12	ND		2.720
25	10	47	29.813	2310	74	7.19N	53	25.86E	73	42N	52	47E	641737	25036	203	16	17	27	14	31	-0	11	ND		2.720
26	10	47	32.122	2310	73	58.48N	53	12.31E	73	33N	52	34E	641502	25036	203	4	17	37	14	32	-0	11	ND		2.720
27	10	47	34.428	2305	73	49.77N	52	59.00E	73	24N	52	21E	641268	25037	202	52	17	46	14	32	-0	11	ND		2.726
28	10	47	36.732	2305	73	41.05N	52	45.92E	73	16N	52	9E	641033	25037	202	41	17	55	14	32	-0	11	ND		2.726
29	10	47	39.037	2305	73	32.32N	52	33.06E	73	7N	51	57E	640799	25038	202	30	18	4	14	32	-0	11	ND		2.726
30	10	47	41.343	2305	73	23.57N	52	20.40E	72	58N	51	45E	640566	25038	202	19	18	13	14	32	-0	11	ND		2.726
31	10	47	43.643	2300	73	14.84N	52	7.97E	72	49N	51	33E	640332	25039	202	8	18	22	14	32	-0	11	ND		2.732
32	10	47	45.938	2295	73	6.11N	51	55.77E	72	41N	51	21E	640099	25039	201	57	18	31	14	31	-0	11	ND		2.738
33	10	47	48.237	2300	72	57.35N	51	43.74E	72	32N	51	10E	639867	25040	201	47	18	40	14	31	-0	11	ND		2.732
34	10	47	50.537	2300	72	48.58N	51	31.89E	72	23N	50	58E	639634	25040	201	37	18	50	14	31	-0	11	ND		2.732
35	10	47	52.828	2291	72	39.84N	51	20.27E	72	14N	50	47E	639403	25041	201	27	18	59	14	31	-0	11	ND		2.743
36	10	47	55.122	2294	72	31.07N	51	8.82E	72	6N	50	36E	639172	25042	201	17	19	8	14	31	-0	11	ND		2.739
37	10	47	57.417	2295	72	22.29N	50	57.54E	71	57N	50	26E	638940	25042	201	7	19	17	14	31	-0	11	ND		2.738
38	10	47	59.712	2295	72	13.50N	50	46.42E	71	48N	50	15E	638709	25043	200	58	19	26	14	31	-0	11	ND		2.738
39	10	48	2.002	2290	72	4.72N	50	35.50E	71	39N	50	5E	638479	25043	200	48	19	35	14	30	-0	11	ND		2.744
40	10	48	4.287	2285	71	55.94N	50	24.76E	71	30N	49	54E	638249	25044	200	39	19	44	14	30	-0	11	ND		2.750
41	10	48	6.577	2290	71	47.14N	50	14.16E	71	22N	49	44E	638019	25044	200	30	19	53	14	30	-0	11	ND		2.744
42	10	48	8.863	2286	71	38.35N	50	3.73E	71	13N	49	34E	637790	25045	200	21	20	2	14	30	-0	11	ND		2.749
43	10	48	11.147	2284	71	29.56N	49	53.45E	71	4N	49	24E	637561	25045	200	13	20	11	14	29	-0	11	ND		2.751
44	10	48	13.433	2285	71	20.75N	49	43.32E	70	55N	49	15E	637333	25046	200	4	20	20	14	29	-0	12	ND		2.750
45	10	48	15.712	2280	71	11.96N	49	33.36E	70	46N	49	5E	637104	25046	199	56	20	29	14	29	-0	12	ND		2.756

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	10	48	17.997	2285	71	3.13N	49	23.52E	70	38N	48	56E	636876	25047	199	48	20	38	14	28	-0	12	ND		2.750
47	10	48	20.275	2278	70	54.33N	49	13.84E	70	29N	48	46E	636649	25047	199	39	20	47	14	28	-0	12	ND		2.758
48	10	48	22.558	2282	70	45.50N	49	4.28E	70	20N	48	37E	636422	25048	199	32	20	56	14	28	-0	13	ND		2.753
49	10	48	24.832	2275	70	36.70N	48	54.88E	70	11N	48	28E	636196	25049	199	24	21	5	14	28	-0	14	ND		2.762
50	10	48	27.112	2280	70	27.86N	48	45.58E	70	2N	48	19E	635969	25049	199	16	21	14	14	27	-0	14	ND		2.756
51	10	48	29.389	2276	70	19.03N	48	36.43E	69	53N	48	10E	635744	25050	199	9	21	24	14	27	-0	15	ND		2.761
52	10	48	31.660	2272	70	10.22N	48	27.42E	69	45N	48	2E	635519	25050	199	1	21	33	14	27	-0	16	ND		2.765
53	10	48	33.931	2270	70	1.40N	48	18.53E	69	36N	47	53E	635294	25051	198	54	21	42	14	27	-0	17	ND		2.768
54	10	50	59.780	45850	60	25.17N	41	35.39E	60	0N	41	22E	621640	25083	193	53	31	19	14	21	-0	33	ND		0.043
55	10	51	3.058	3277	60	12.07N	41	28.89E	59	47N	41	16E	621355	25084	193	49	31	32	14	22	-0	33	ND		1.917
56	10	51	5.667	2610	60	1.63N	41	23.76E	59	36N	41	11E	621129	25084	193	45	31	42	14	24	-0	33	ND		2.407
57	10	51	8.067	2400	59	52.03N	41	19.08E	59	26N	41	6E	620921	25085	193	42	31	52	14	25	-0	32	ND		2.618
58	10	51	10.397	2330	59	42.71N	41	14.58E	59	17N	41	2E	620721	25085	193	39	32	1	14	27	-0	32	ND		2.697
59	10	51	12.684	2286	59	33.56N	41	10.20E	59	8N	40	58E	620525	25086	193	37	32	10	14	28	-0	32	ND		2.749
60	10	51	14.955	2272	59	24.47N	41	5.88E	58	59N	40	53E	620330	25086	193	34	32	19	14	29	-0	31	ND		2.765
61	10	51	17.224	2268	59	15.38N	41	1.60E	58	50N	40	49E	620137	25087	193	31	32	28	14	30	-0	30	ND		2.770
62	10	51	19.482	2259	59	6.34N	40	57.37E	58	41N	40	45E	619945	25087	193	28	32	37	14	32	-0	28	ND		2.781
63	10	51	21.732	2250	58	57.33N	40	53.18E	58	32N	40	41E	619754	25088	193	26	32	46	14	33	-0	27	ND		2.793
64	10	51	23.982	2250	58	48.31N	40	49.03E	58	22N	40	37E	619564	25088	193	23	32	55	14	34	-0	25	ND		2.793
65	10	51	26.229	2246	58	39.31N	40	44.92E	58	13N	40	33E	619375	25089	193	21	33	4	14	35	-0	23	ND		2.798
66	10	51	28.478	2249	58	30.29N	40	40.83E	58	4N	40	30E	619186	25089	193	18	33	12	14	36	-0	21	ND		2.794
67	10	51	30.723	2245	58	21.29N	40	36.78E	57	55N	40	26E	618998	25089	193	16	33	21	14	37	-0	20	ND		2.799
68	10	51	32.973	2250	58	12.27N	40	32.75E	57	46N	40	22E	618810	25090	193	13	33	30	14	38	-0	18	ND		2.793
69	10	51	35.212	2240	58	3.29N	40	28.77E	57	37N	40	18E	618624	25090	193	11	33	39	14	38	-0	17	ND		2.805
70	10	51	37.452	2240	57	54.30N	40	24.81E	57	28N	40	14E	618438	25091	193	8	33	48	14	39	-0	16	ND		2.805
71	10	51	39.692	2240	57	45.31N	40	20.89E	57	19N	40	10E	618253	25091	193	6	33	57	14	39	-0	15	ND		2.805
72	10	51	41.933	2240	57	36.32N	40	16.99E	57	10N	40	7E	618069	25092	193	4	34	6	14	40	-0	14	ND		2.805
73	10	51	44.164	2232	57	27.37N	40	13.13E	57	1N	40	3E	617885	25092	193	1	34	14	14	41	-0	13	ND		2.815
74	10	51	46.403	2239	57	18.38N	40	9.29E	56	52N	39	59E	617702	25093	192	59	34	23	14	41	-0	13	ND		2.806
75	10	51	48.637	2233	57	9.41N	40	5.48E	56	43N	39	55E	617520	25093	192	57	34	32	14	42	-0	12	ND		2.814
76	10	51	50.883	2246	57	0.39N	40	1.68E	56	34N	39	52E	617338	25093	192	55	34	41	14	43	-0	12	ND		2.798
77	10	51	53.116	2234	56	51.41N	39	57.92E	56	25N	39	48E	617157	25094	192	52	34	50	14	44	-0	13	ND		2.813
78	10	51	55.357	2241	56	42.41N	39	54.18E	56	16N	39	44E	616976	25094	192	50	34	59	14	44	-0	13	ND		2.804
79	10	51	57.593	2235	56	33.43N	39	50.47E	56	7N	39	41E	616797	25095	192	48	35	7	14	44	-0	13	ND		2.811
80	10	51	59.828	2236	56	24.44N	39	46.79E	55	58N	39	37E	616618	25095	192	46	35	16	14	45	-0	13	ND		2.810
81	10	52	2.067	2239	56	15.44N	39	43.12E	55	49N	39	33E	616439	25096	192	44	35	25	14	46	-0	13	ND		2.806
82	10	52	4.303	2235	56	6.45N	39	39.48E	55	40N	39	30E	616261	25096	192	42	35	34	14	46	-0	13	ND		2.811
83	10	52	6.532	2230	55	57.48N	39	35.88E	55	31N	39	26E	616085	25096	192	40	35	43	14	47	-0	13	ND		2.818
84	10	52	8.768	2235	55	48.49N	39	32.30E	55	22N	39	23E	615908	25097	192	38	35	52	14	47	-0	13	ND		2.811
85	10	52	10.996	2229	55	39.53N	39	28.74E	55	13N	39	19E	615733	25097	192	35	36	0	14	48	-0	13	ND		2.819
86	10	52	13.232	2236	55	30.53N	39	25.20E	55	4N	39	16E	615558	25098	192	33	36	9	14	48	-0	13	ND		2.810
87	10	52	15.462	2230	55	21.56N	39	21.69E	54	55N	39	12E	615384	25098	192	32	36	18	14	49	-0	13	ND		2.818
88	10	52	17.697	2235	55	12.56N	39	18.19E	54	46N	39	9E	615210	25099	192	30	36	27	14	50	-0	13	ND		2.811
89	10	52	19.924	2226	55	3.60N	39	14.73E	54	37N	39	6E	615038	25099	192	28	36	36	14	50	-0	13	ND		2.823
90	10	52	22.157	2234	54	54.60N	39	11.28E	54	28N	39	2E	614866	25099	192	26	36	44	14	50	-0	13	ND		2.813

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	10	52	24.388	2230	54	45.62N	39	7.85E	54	19N	38	59E	614695	25100	192	24	36	53	14	51	-0	12	ND		2.818
92	10	52	26.622	2235	54	36.62N	39	4.44E	54	10N	38	56E	614524	25100	192	22	37	2	14	51	-0	12	ND		2.811
93	10	52	28.849	2226	54	27.65N	39	1.07E	54	1N	38	52E	614355	25101	192	20	37	11	14	52	-0	12	ND		2.823
94	10	52	31.077	2229	54	18.67N	38	57.71E	53	52N	38	49E	614185	25101	192	18	37	20	14	52	-0	11	ND		2.819
95	10	52	33.308	2230	54	9.69N	38	54.36E	53	43N	38	46E	614017	25101	192	16	37	28	14	52	-0	11	ND		2.818
96	10	52	35.537	2230	54	0.70N	38	51.04E	53	34N	38	42E	613849	25102	192	15	37	37	14	53	-0	11	ND		2.818
97	10	52	37.768	2230	53	51.71N	38	47.74E	53	25N	38	39E	613682	25102	192	13	37	46	14	53	-0	10	ND		2.818
98	10	52	39.997	2230	53	42.72N	38	44.46E	53	16N	38	36E	613516	25103	192	11	37	55	14	53	-0	10	ND		2.818
99	10	52	42.223	2225	53	33.75N	38	41.20E	53	7N	38	33E	613350	25103	192	9	38	4	14	53	-0	9	ND		2.824
100	10	52	44.452	2230	53	24.76N	38	37.96E	52	58N	38	30E	613186	25103	192	8	38	12	14	53	-0	9	ND		2.818
101	10	52	46.683	2230	53	15.76N	38	34.73E	52	49N	38	27E	613022	25104	192	6	38	21	14	53	-0	9	ND		2.818
102	10	52	48.907	2225	53	6.79N	38	31.53E	52	40N	38	23E	612858	25104	192	4	38	30	14	53	-0	8	ND		2.824
103	10	52	51.133	2225	52	57.81N	38	28.35E	52	31N	38	20E	612697	25105	192	3	38	39	14	53	-0	8	ND		2.824
104	10	52	53.362	2230	52	48.81N	38	25.18E	52	22N	38	17E	612535	25105	192	1	38	47	14	53	-0	8	ND		2.818
105	10	52	55.593	2230	52	39.81N	38	22.03E	52	13N	38	14E	612374	25105	191	59	38	56	14	53	-0	7	ND		2.818
106	10	52	57.822	2230	52	30.81N	38	18.89E	52	4N	38	11E	612213	25106	191	58	39	5	14	52	-0	6	ND		2.818
107	10	53	0.048	2225	52	21.83N	38	15.78E	51	55N	38	8E	612054	25106	191	56	39	14	14	52	-0	6	ND		2.824
108	10	53	2.272	2225	52	12.85N	38	12.69E	51	47N	38	5E	611896	25107	191	55	39	22	14	52	-0	6	ND		2.824
109	10	53	4.497	2225	52	3.86N	38	9.61E	51	38N	38	2E	611738	25107	191	53	39	31	14	51	-0	5	ND		2.824
110	10	53	6.728	2230	51	54.86N	38	6.54E	51	29N	37	59E	611581	25107	191	52	39	40	14	50	-0	5	ND		2.818
111	11	4	14.638	67910	6	29.98N	28	19.86E	6	7N	28	16E	616033	25101	189	29	77	3	12	58	-0	32	ND		0.009
112	11	4	17.928	3290	6	16.51N	28	17.61E	5	53N	28	14E	616367	25100	189	29	77	6	12	57	-0	33	ND		1.910
113	11	4	20.532	2605	6	5.85N	28	15.83E	5	43N	28	12E	616633	25099	189	29	77	9	12	56	-0	35	ND		2.412
114	11	4	22.940	2408	5	55.99N	28	14.18E	5	33N	28	11E	616881	25099	189	29	77	11	12	55	-0	35	ND		2.609
115	11	4	25.268	2327	5	46.46N	28	12.59E	5	23N	28	9E	617123	25098	189	29	77	13	12	55	-0	36	ND		2.700
116	11	4	27.556	2288	5	37.10N	28	11.03E	5	14N	28	7E	617362	25098	189	29	77	15	12	54	-0	37	ND		2.746
117	11	4	29.835	2280	5	27.76N	28	9.47E	5	5N	28	6E	617602	25097	189	29	77	17	12	54	-0	38	ND		2.756
118	11	4	32.100	2264	5	18.49N	28	7.93E	4	55N	28	4E	617842	25097	189	29	77	18	12	54	-0	39	ND		2.775
119	11	4	34.362	2263	5	9.23N	28	6.38E	4	46N	28	3E	618083	25096	189	29	77	20	12	54	-0	40	ND		2.776
120	11	4	36.617	2255	5	0.00N	28	4.85E	4	37N	28	1E	618324	25095	189	29	77	22	12	54	-0	41	ND		2.786
121	11	4	38.872	2255	4	50.77N	28	3.31E	4	28N	28	0E	618568	25095	189	29	77	23	12	55	-0	41	ND		2.786
122	11	4	41.122	2250	4	41.56N	28	1.78E	4	18N	27	58E	618812	25094	189	29	77	24	12	56	-0	42	ND		2.793
123	11	4	43.377	2255	4	32.33N	28	0.24E	4	9N	27	56E	619059	25094	189	29	77	25	12	57	-0	43	ND		2.786
124	11	4	45.627	2250	4	23.12N	27	58.71E	4	0N	27	55E	619306	25093	189	29	77	26	12	58	-0	44	ND		2.793
125	11	4	47.873	2246	4	13.93N	27	57.18E	3	51N	27	53E	619554	25093	189	29	77	27	13	0	-0	45	ND		2.798
126	11	4	50.122	2249	4	4.72N	27	55.64E	3	41N	27	52E	619804	25092	189	29	77	28	13	2	-0	45	ND		2.794
127	11	4	52.367	2245	3	55.53N	27	54.12E	3	32N	27	50E	620056	25091	189	29	77	29	13	6	-0	46	ND		2.799
128	11	4	54.612	2245	3	46.34N	27	52.59E	3	23N	27	49E	620309	25091	189	29	77	29	13	9	-0	47	ND		2.799
129	11	4	56.862	2250	3	37.13N	27	51.06E	3	13N	27	47E	620564	25090	189	29	77	30	13	13	-0	47	ND		2.793
130	11	4	59.107	2245	3	27.95N	27	49.53E	3	4N	27	46E	620820	25090	189	29	77	30	13	16	-0	48	ND		2.799
131	11	5	1.353	2245	3	18.76N	27	48.00E	2	55N	27	44E	621077	25089	189	29	77	31	13	20	-0	48	ND		2.799
132	11	5	3.598	2245	3	9.57N	27	46.48E	2	46N	27	42E	621336	25089	189	29	77	31	13	24	-0	49	ND		2.799
133	11	5	5.848	2250	3	0.36N	27	44.95E	2	36N	27	41E	621597	25088	189	29	77	31	13	27	-0	49	ND		2.793
134	11	5	8.087	2240	2	51.20N	27	43.43E	2	27N	27	39E	621858	25087	189	29	77	30	13	29	-0	50	ND		2.805
135	11	5	10.337	2250	2	41.99N	27	41.90E	2	18N	27	38E	622122	25087	189	29	77	30	13	32	-0	50	ND		2.793

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500074005-4

FRAME EPHEMERIS MISSION 1018-2

PASS 74D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 35

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	11	5	12.582	2245	2	32.80N	27	40.37E	2	8N	27	36E	622387	25086	189	29	77	30	13	35	-0	50	ND		2.799
137	11	5	14.823	2241	2	23.63N	27	38.85E	1	59N	27	35E	622653	25086	189	29	77	30	13	39	-0	50	ND		2.804
138	11	5	17.072	2249	2	14.43N	27	37.32E	1	50N	27	33E	622921	25085	189	29	77	29	13	41	-0	50	ND		2.794
139	11	5	19.317	2245	2	5.24N	27	35.80E	1	41N	27	32E	623191	25084	189	29	77	28	13	43	-0	51	ND		2.799
140	11	5	21.567	2250	1	56.03N	27	34.27E	1	31N	27	30E	623462	25084	189	29	77	28	13	45	-0	51	ND		2.793
141	11	5	23.813	2245	1	46.84N	27	32.74E	1	22N	27	29E	623735	25083	189	29	77	27	13	47	-0	51	ND		2.799
142	11	5	26.063	2250	1	37.64N	27	31.22E	1	13N	27	27E	624009	25082	189	29	77	25	13	48	-0	51	ND		2.793
143	11	5	28.308	2245	1	28.45N	27	29.69E	1	3N	27	25E	624284	25082	189	29	77	24	13	50	-0	51	ND		2.799
144	11	5	30.558	2250	1	19.25N	27	28.17E	0	54N	27	24E	624562	25081	189	29	77	23	13	50	-0	51	ND		2.793
145	11	5	32.803	2245	1	10.06N	27	26.64E	0	45N	27	22E	624840	25080	189	29	77	22	13	51	-0	51	ND		2.799
146	11	5	35.058	2255	1	0.83N	27	25.11E	0	36N	27	21E	625120	25080	189	29	77	20	13	50	-0	51	ND		2.786
147	11	5	37.303	2245	0	51.65N	27	23.59E	0	27N	27	19E	625402	25079	189	29	77	19	13	50	-0	51	ND		2.799

FRAME EPHEMERIS MISSION 1018-2

PASS 75D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 36

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	12	20	51.327	0	56	23.96N	17	33.58E	55	58N	17	23E	616454	25095	192	46	35	17	14	44	-0	27	ND		1.901
2	12	20	54.633	3305	56	10.67N	17	28.18E	55	45N	17	18E	616191	25096	192	43	35	30	14	44	-0	27	ND		1.901
3	12	20	57.247	2615	56	0.16N	17	23.95E	55	34N	17	14E	615985	25096	192	40	35	40	14	45	-0	26	ND		2.403
4	12	20	59.660	2413	55	50.45N	17	20.06E	55	24N	17	10E	615796	25097	192	38	35	50	14	45	-0	25	ND		2.604
5	12	21	1.988	2328	55	41.09N	17	16.35E	55	15N	17	6E	615614	25097	192	36	35	59	14	45	-0	25	ND		2.699
6	12	21	4.283	2295	55	31.85N	17	12.71E	55	6N	17	3E	615435	25098	192	34	36	8	14	45	-0	24	ND		2.738
7	12	21	6.557	2273	55	22.70N	17	9.12E	54	57N	16	59E	615259	25098	192	32	36	17	14	46	-0	23	ND		2.764
8	12	21	8.827	2271	55	13.57N	17	5.57E	54	47N	16	56E	615083	25099	192	30	36	26	14	46	-0	23	ND		2.767
9	12	21	11.084	2257	55	4.48N	17	2.06E	54	38N	16	52E	614909	25099	192	28	36	35	14	46	-0	22	ND		2.784
10	12	21	13.337	2253	54	55.41N	16	58.57E	54	29N	16	49E	614737	25099	192	26	36	44	14	46	-0	22	ND		2.789
11	12	21	15.587	2250	54	46.35N	16	55.11E	54	20N	16	46E	614565	25100	192	24	36	53	14	46	-0	22	ND		2.793
12	12	21	17.832	2245	54	37.31N	16	51.69E	54	11N	16	42E	614394	25100	192	22	37	1	14	47	-0	22	ND		2.799
13	12	21	20.082	2250	54	28.24N	16	48.27E	54	2N	16	39E	614223	25101	192	20	37	10	14	47	-0	21	ND		2.793
14	12	21	22.327	2245	54	19.20N	16	44.88E	53	53N	16	36E	614055	25101	192	19	37	19	14	47	-0	21	ND		2.799
15	12	21	24.567	2240	54	10.17N	16	41.53E	53	44N	16	32E	613886	25101	192	17	37	28	14	47	-0	21	ND		2.805
16	12	21	26.808	2240	54	1.14N	16	38.19E	53	35N	16	29E	613718	25102	192	15	37	37	14	48	-0	21	ND		2.805
17	12	21	29.053	2245	53	52.09N	16	34.86E	53	26N	16	26E	613551	25102	192	13	37	46	14	48	-0	21	ND		2.799
18	12	21	31.292	2240	53	43.06N	16	31.56E	53	17N	16	23E	613385	25103	192	11	37	54	14	48	-0	21	ND		2.805
19	12	21	33.528	2236	53	34.05N	16	28.29E	53	8N	16	19E	613220	25103	192	10	38	3	14	48	-0	21	ND		2.810
20	12	21	35.768	2239	53	25.02N	16	25.03E	52	59N	16	16E	613056	25103	192	8	38	12	14	48	-0	21	ND		2.806
21	12	21	38.002	2235	53	16.00N	16	21.80E	52	50N	16	13E	612892	25104	192	6	38	21	14	48	-0	21	ND		2.811
22	12	21	40.237	2235	53	6.99N	16	18.58E	52	41N	16	10E	612729	25104	192	5	38	30	14	48	-0	21	ND		2.811
23	12	21	42.478	2240	52	57.95N	16	15.38E	52	32N	16	7E	612567	25105	192	3	38	38	14	48	-0	20	ND		2.805
24	12	21	44.707	2230	52	48.95N	16	12.21E	52	23N	16	4E	612406	25105	192	1	38	47	14	48	-0	20	ND		2.818
25	12	21	46.942	2235	52	39.93N	16	9.05E	52	14N	16	1E	612245	25105	192	0	38	56	14	48	-0	20	ND		2.811
26	12	21	49.178	2235	52	30.91N	16	5.90E	52	5N	15	57E	612086	25106	191	58	39	5	14	48	-0	19	ND		2.811
27	12	21	51.412	2235	52	21.89N	16	2.78E	51	56N	15	54E	611927	25106	191	56	39	14	14	48	-0	19	ND		2.811
28	12	21	53.643	2230	52	12.89N	15	59.68E	51	47N	15	51E	611769	25107	191	55	39	22	14	48	-0	18	ND		2.818
29	12	21	55.877	2235	52	3.86N	15	56.59E	51	38N	15	48E	611612	25107	191	53	39	31	14	47	-0	18	ND		2.811
30	12	21	58.112	2235	51	54.84N	15	53.51E	51	29N	15	45E	611455	25107	191	52	39	40	14	47	-0	17	ND		2.811
31	12	22	0.348	2235	51	45.81N	15	50.45E	51	20N	15	42E	611299	25108	191	50	39	49	14	47	-0	17	ND		2.811
32	12	22	2.577	2230	51	36.80N	15	47.42E	51	11N	15	39E	611145	25108	191	49	39	57	14	46	-0	16	ND		2.818
33	12	22	4.808	2230	51	27.79N	15	44.40E	51	2N	15	37E	610990	25108	191	47	40	6	14	46	-0	16	ND		2.818
34	12	22	7.036	2229	51	18.79N	15	41.40E	50	53N	15	34E	610837	25109	191	46	40	15	14	45	-0	15	ND		2.819
35	12	22	9.268	2231	51	9.77N	15	38.41E	50	44N	15	31E	610685	25109	191	44	40	24	14	44	-0	14	ND		2.816
36	12	22	11.500	2233	51	0.75N	15	35.44E	50	35N	15	28E	610533	25110	191	43	40	32	14	44	-0	14	ND		2.814
37	12	22	13.731	2231	50	51.73N	15	32.48E	50	26N	15	25E	610382	25110	191	41	40	41	14	43	-0	13	ND		2.816
38	12	22	15.963	2232	50	42.71N	15	29.54E	50	17N	15	22E	610232	25110	191	40	40	50	14	42	-0	11	ND		2.815
39	12	22	18.198	2235	50	33.67N	15	26.61E	50	8N	15	19E	610083	25111	191	39	40	58	14	41	-0	11	ND		2.811
40	12	22	20.429	2230	50	24.65N	15	23.70E	49	59N	15	16E	609934	25111	191	37	41	7	14	40	-0	10	ND		2.818
41	12	22	22.660	2232	50	15.63N	15	20.81E	49	50N	15	14E	609786	25111	191	36	41	16	14	40	-0	9	ND		2.815
42	12	22	24.892	2231	50	6.60N	15	17.92E	49	41N	15	11E	609640	25112	191	34	41	25	14	39	-0	9	ND		2.816
43	12	22	27.116	2225	49	57.60N	15	15.07E	49	32N	15	8E	609494	25112	191	33	41	33	14	37	-0	8	ND		2.824
44	12	22	29.349	2232	49	48.57N	15	12.21E	49	23N	15	5E	609349	25112	191	32	41	42	14	36	-0	8	ND		2.815
45	12	22	31.580	2232	49	39.54N	15	9.37E	49	14N	15	3E	609205	25113	191	30	41	51	14	35	-0	7	ND		2.815

FRAME EPHEMERIS MISSION 1018-2

PASS 75D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 37

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH		ROLL		YAW		SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG	MIN	DEG	MIN	DEG	MIN	RATE
46	12	22	33.813	2232	49	30.51N	15	6.55E	49	5N	15	ØE	609061	25113	191	29	41	59	14	34	-Ø	6	ND		2.815
47	12	22	36.035	2223	49	21.51N	15	3.75E	48	56N	14	57E	608919	25114	191	28	42	8	14	33	-Ø	6	ND		2.826
48	12	22	38.268	2232	49	12.48N	15	Ø.95E	48	47N	14	54E	608777	25114	191	27	42	17	14	33	-Ø	6	ND		2.815
49	12	22	40.492	2225	49	3.47N	14	58.17E	48	38N	14	52E	608636	25114	191	25	42	26	14	31	-Ø	6	ND		2.824
50	12	22	42.716	2223	48	54.47N	14	55.41E	48	29N	14	49E	608497	25115	191	24	42	34	14	30	-Ø	5	ND		2.826
51	12	22	44.947	2232	48	45.44N	14	52.65E	48	20N	14	46E	608357	25115	191	23	42	43	14	29	-Ø	6	ND		2.815
52	12	22	47.178	2230	48	36.41N	14	49.91E	48	11N	14	43E	608219	25115	191	22	42	52	14	28	-Ø	6	ND		2.818
53	12	22	49.402	2225	48	27.40N	14	47.19E	48	2N	14	41E	608082	25116	191	20	43	Ø	14	27	-Ø	6	ND		2.824
54	12	22	51.633	2230	48	18.36N	14	44.47E	47	53N	14	38E	607946	25116	191	19	43	9	14	26	-Ø	7	ND		2.818
55	12	22	53.857	2225	48	9.35N	14	41.77E	47	44N	14	35E	607810	25116	191	18	43	18	14	25	-Ø	7	ND		2.824
56	12	22	56.082	2225	48	Ø.34N	14	39.09E	47	35N	14	33E	607676	25117	191	17	43	26	14	24	-Ø	8	ND		2.824
57	12	22	58.308	2225	47	51.32N	14	36.41E	47	26N	14	30E	607542	25117	191	16	43	35	14	22	-Ø	8	ND		2.824

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84870-65

FRAME EPHEMERIS MISSION 1018-2

PASS 79D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 38

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	18	24	4.287	0	24	37.16N	79	34.70W	24	10N	79	38W	599380	25137	189	45	65	11	15	25	0	0	ND		1.887
2	18	24	7.617	3330	24	23.54N	79	37.26W	23	57N	79	41W	599460	25137	189	45	65	23	15	24	0	1	ND		1.887
3	18	24	10.223	2605	24	12.88N	79	39.25W	23	46N	79	43W	599523	25137	189	44	65	32	15	24	0	2	ND		2.412
4	18	24	12.633	2411	24	3.02N	79	41.10W	23	36N	79	44W	599584	25137	189	44	65	41	15	23	0	2	ND		2.606
5	18	24	14.958	2325	23	53.51N	79	42.87W	23	27N	79	46W	599644	25136	189	44	65	49	15	23	0	3	ND		2.702
6	18	24	17.257	2299	23	44.11N	79	44.62W	23	17N	79	48W	599706	25136	189	43	65	57	15	22	0	4	ND		2.733
7	18	24	19.532	2275	23	34.80N	79	46.36W	23	8N	79	50W	599768	25136	189	43	66	5	15	22	0	6	ND		2.762
8	18	24	21.797	2265	23	25.54N	79	48.08W	22	59N	79	51W	599831	25136	189	43	66	12	15	21	0	8	ND		2.774
9	18	24	24.058	2260	23	16.29N	79	49.79W	22	49N	79	53W	599896	25136	189	43	66	20	15	20	0	10	ND		2.780
10	18	24	26.313	2255	23	7.06N	79	51.50W	22	40N	79	54W	599962	25136	189	43	66	28	15	20	0	12	ND		2.786
11	18	24	28.563	2250	22	57.86N	79	53.20W	22	31N	79	56W	600029	25136	189	42	66	36	15	19	0	13	ND		2.793
12	18	24	30.813	2250	22	48.65N	79	54.90W	22	22N	79	58W	600097	25135	189	42	66	44	15	18	0	14	ND		2.793
13	18	24	33.058	2245	22	39.46N	79	56.59W	22	13N	79	59W	600167	25135	189	42	66	51	15	17	0	15	ND		2.799
14	18	24	35.303	2245	22	30.28N	79	58.28W	22	3N	80	1W	600239	25135	189	42	66	59	15	15	0	16	ND		2.799
15	18	24	37.542	2240	22	21.12N	79	59.97W	21	54N	80	3W	600312	25135	189	41	67	6	15	14	0	18	ND		2.805
16	18	24	39.787	2245	22	11.93N	80	1.65W	21	45N	80	4W	600386	25135	189	41	67	14	15	13	0	18	ND		2.799
17	18	24	42.027	2240	22	2.76N	80	3.33W	21	36N	80	6W	600461	25135	189	41	67	22	15	12	0	19	ND		2.805
18	18	24	44.268	2240	21	53.60N	80	5.01W	21	27N	80	8W	600538	25135	189	41	67	29	15	11	0	19	ND		2.805
19	18	24	46.502	2235	21	44.45N	80	6.68W	21	18N	80	9W	600617	25134	189	41	67	37	15	8	0	19	ND		2.811
20	18	24	48.737	2235	21	35.31N	80	8.35W	21	9N	80	11W	600697	25134	189	40	67	44	15	6	0	19	ND		2.811
21	18	24	50.973	2235	21	26.16N	80	10.01W	21	0N	80	13W	600778	25134	189	40	67	52	15	4	0	18	ND		2.811
22	18	24	53.207	2235	21	17.01N	80	11.67W	20	51N	80	14W	600861	25134	189	40	67	59	15	2	0	17	ND		2.811
23	18	24	55.442	2235	21	7.87N	80	13.34W	20	42N	80	16W	600944	25134	189	40	68	7	14	59	0	16	ND		2.811
24	18	24	57.678	2235	20	58.72N	80	15.00W	20	32N	80	18W	601030	25133	189	40	68	14	14	57	0	14	ND		2.811

FRAME EPHEMERIS MISSION 1018-2

PASS 80D FWD 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 39

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	19	46	25.247	0	51	3.79N	95	28.55W	50	38N	95	36W	609048	25112	191	43	40	29	14	33	-0	6	ND	1.901
2	19	46	28.553	3305	50	50.42N	95	32.93W	50	25N	95	40W	608833	25112	191	41	40	42	14	31	-0	6	ND	1.901
3	19	46	31.157	2605	50	39.89N	95	36.36W	50	14N	95	43W	608666	25113	191	39	40	52	14	29	-0	6	ND	2.412
4	19	46	33.568	2411	50	30.14N	95	39.52W	50	5N	95	46W	608511	25113	191	38	41	2	14	28	-0	6	ND	2.606
5	19	46	35.902	2334	50	20.71N	95	42.55W	49	55N	95	49W	608363	25113	191	36	41	11	14	26	-0	6	ND	2.692
6	19	46	38.192	2290	50	11.44N	95	45.52W	49	46N	95	52W	608218	25114	191	35	41	20	14	24	-0	6	ND	2.744
7	19	46	40.467	2275	50	2.24N	95	48.45W	49	37N	95	55W	608075	25114	191	33	41	29	14	23	-0	5	ND	2.762
8	19	46	42.732	2265	49	53.08N	95	51.35W	49	28N	95	58W	607934	25114	191	32	41	38	14	21	-0	5	ND	2.774
9	19	46	44.997	2265	49	43.91N	95	54.24W	49	19N	96	1W	607793	25115	191	31	41	46	14	20	-0	5	ND	2.774
10	19	46	47.252	2255	49	34.79N	95	57.10W	49	10N	96	4W	607654	25115	191	29	41	55	14	18	-0	4	ND	2.786
11	19	46	49.502	2250	49	25.68N	95	59.94W	49	1N	96	6W	607516	25115	191	28	42	4	14	17	-0	3	ND	2.793
12	19	46	51.752	2250	49	16.58N	96	2.76W	48	51N	96	9W	607379	25116	191	27	42	13	14	15	-0	1	ND	2.793
13	19	46	54.000	2248	49	7.48N	96	5.57W	48	42N	96	12W	607242	25116	191	26	42	21	14	13	-0	0	ND	2.795
14	19	46	56.242	2242	48	58.40N	96	8.36W	48	33N	96	14W	607107	25116	191	24	42	30	14	12	0	2	ND	2.802
15	19	46	58.482	2240	48	49.33N	96	11.13W	48	24N	96	17W	606973	25117	191	23	42	39	14	11	0	4	ND	2.805
16	19	47	0.728	2245	48	40.24N	96	13.90W	48	15N	96	20W	606839	25117	191	22	42	48	14	10	0	7	ND	2.799
17	19	47	2.960	2233	48	31.20N	96	16.64W	48	6N	96	22W	606708	25117	191	21	42	56	14	9	0	8	ND	2.814
18	19	47	5.202	2242	48	22.12N	96	19.37W	47	57N	96	25W	606577	25118	191	19	43	5	14	9	0	9	ND	2.802
19	19	47	7.438	2235	48	13.06N	96	22.09W	47	48N	96	28W	606447	25118	191	18	43	14	14	8	0	10	ND	2.811
20	19	47	9.672	2235	48	4.01N	96	24.79W	47	39N	96	30W	606317	25118	191	17	43	22	14	7	0	11	ND	2.811
21	19	47	11.912	2240	47	54.93N	96	27.48W	47	30N	96	33W	606188	25119	191	16	43	31	14	7	0	11	ND	2.805
22	19	47	14.147	2235	47	45.87N	96	30.16W	47	21N	96	35W	606061	25119	191	15	43	40	14	7	0	10	ND	2.811
23	19	47	16.379	2232	47	36.83N	96	32.82W	47	12N	96	38W	605934	25119	191	14	43	49	14	7	0	10	ND	2.815

Approved For Release 2001/08/09 : CIA-RDP78B04439A000300140006-4

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84870-65

PASS 81D FWD 30MAR65 — FRAME EPHEMERIS — MISSION 1018-2 — ID 45 — LIST DATE 06MAY65 — PAGE 40

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG MI	DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	21	18	36.389	0	37 28.92N	121 21.90W	37 3N	121 26W	599523	25135	190 18	53 30	14 54	-0 5	ND	1.916
2	21	18	39.667	3279	37 15.56N	121 24.94W	36 49N	121 29W	599442	25135	190 17	53 42	14 56	-0 4	ND	1.916
3	21	18	42.252	2585	37 5.03N	121 27.33W	36 39N	121 32W	599379	25135	190 17	53 52	14 57	-0 4	ND	2.431
4	21	18	44.643	2390	36 55.29N	121 29.54W	36 29N	121 34W	599323	25135	190 16	54 2	14 58	-0 3	ND	2.629
5	21	18	46.957	2315	36 45.85N	121 31.66W	36 20N	121 36W	599270	25136	190 16	54 10	14 59	-0 3	ND	2.714
6	21	18	49.247	2290	36 36.52N	121 33.76W	36 10N	121 38W	599218	25136	190 15	54 19	15 0	-0 3	ND	2.744
7	21	18	51.518	2270	36 27.26N	121 35.83W	36 1N	121 40W	599169	25136	190 14	54 28	14 60	-0 3	ND	2.768
8	21	18	53.772	2255	36 18.07N	121 37.88W	35 52N	121 42W	599121	25136	190 14	54 36	14 59	-0 3	ND	2.786
9	21	18	56.027	2255	36 8.88N	121 39.93W	35 43N	121 44W	599074	25136	190 13	54 45	14 59	-0 3	ND	2.786
10	21	18	58.277	2250	35 59.71N	121 41.97W	35 34N	121 46W	599028	25136	190 13	54 54	14 58	-0 4	ND	2.793
11	21	19	0.527	2250	35 50.53N	121 44.00W	35 24N	121 48W	598984	25136	190 12	55 2	14 57	-0 4	ND	2.793
12	21	19	2.768	2240	35 41.40N	121 46.01W	35 15N	121 50W	598940	25136	190 12	55 11	14 55	-0 5	ND	2.805
13	21	19	5.007	2240	35 32.26N	121 48.02W	35 6N	121 52W	598899	25137	190 11	55 19	14 54	-0 5	ND	2.805
14	21	19	7.252	2245	35 23.11N	121 50.03W	34 57N	121 54W	598858	25137	190 11	55 28	14 52	-0 5	ND	2.799
15	21	19	9.487	2235	35 13.99N	121 52.03W	34 48N	121 56W	598818	25137	190 10	55 36	14 50	-0 6	ND	2.811
16	21	19	11.728	2240	35 4.86N	121 54.03W	34 39N	121 58W	598781	25137	190 10	55 44	14 48	-0 6	ND	2.805
17	21	19	13.962	2235	34 55.74N	121 56.01W	34 30N	122 0W	598743	25137	190 9	55 53	14 47	-0 7	ND	2.811
18	21	19	16.197	2235	34 46.63N	121 57.99W	34 21N	122 2W	598708	25137	190 9	56 1	14 47	-0 8	ND	2.811
19	21	19	18.433	2235	34 37.51N	121 59.96W	34 12N	122 4W	598673	25137	190 8	56 10	14 47	-0 10	ND	2.811
20	21	19	20.667	2235	34 28.39N	122 1.93W	34 3N	122 6W	598640	25137	190 8	56 18	14 47	-0 11	ND	2.811
21	21	19	22.897	2230	34 19.29N	122 3.89W	33 54N	122 8W	598608	25137	190 7	56 27	14 47	-0 12	ND	2.818
22	21	19	25.127	2230	34 10.20N	122 5.85W	33 44N	122 10W	598577	25137	190 7	56 35	14 49	-0 14	ND	2.818
23	21	19	27.362	2235	34 1.08N	122 7.80W	33 35N	122 12W	598548	25138	190 6	56 44	14 50	-0 16	ND	2.811

FRAME EPHEMERIS MISSION 1018-2

PASS 84D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 41

FRM	Z TIME HR MI SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	CAMERA NADIR LONG DEG MIN	FORMAT CENTER LAT DEG MIN	FORMAT CENTER LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	1 37 13.036	0	69 11.86N	174 37.74W	68 47N	175 1W	629110	25062	198 15	22 53	14 0	-0 19	ND	1.878
2	1 37 16.382	3345	68 58.80N	174 49.74W	68 34N	175 12W	628802	25063	198 6	23 7	14 5	-0 18	ND	1.878
3	1 37 19.017	2635	68 48.51N	174 59.04W	68 24N	175 21W	628560	25064	197 58	23 17	14 9	-0 16	ND	2.385
4	1 37 21.451	2435	68 38.99N	175 7.52W	68 14N	175 29W	628336	25064	197 51	23 27	14 12	-0 15	ND	2.580
5	1 37 23.797	2345	68 29.81N	175 15.58W	68 5N	175 37W	628121	25065	197 45	23 36	14 16	-0 14	ND	2.679
6	1 37 26.102	2305	68 20.79N	175 23.40W	67 56N	175 45W	627910	25065	197 39	23 46	14 19	-0 13	ND	2.726
7	1 37 28.387	2285	68 11.83N	175 31.06W	67 46N	175 52W	627701	25066	197 33	23 55	14 23	-0 12	ND	2.750
8	1 37 30.661	2275	68 2.92N	175 38.60W	67 37N	175 59W	627494	25066	197 27	24 4	14 25	-0 12	ND	2.762
9	1 37 32.932	2270	67 54.01N	175 46.03W	67 28N	176 6W	627288	25067	197 21	24 13	14 27	-0 11	ND	2.768
10	1 37 35.196	2265	67 45.13N	175 53.36W	67 20N	176 14W	627081	25067	197 15	24 22	14 29	-0 11	ND	2.774
11	1 37 37.451	2255	67 36.27N	176 0.57W	67 11N	176 21W	626876	25068	197 10	24 31	14 31	-0 11	ND	2.786
12	1 37 39.706	2255	67 27.41N	176 7.70W	67 2N	176 27W	626673	25068	197 4	24 40	14 32	-0 10	ND	2.786
13	1 37 41.957	2251	67 18.57N	176 14.74W	66 53N	176 34W	626469	25069	196 59	24 49	14 33	-0 10	ND	2.791
14	1 37 44.212	2254	67 9.70N	176 21.71W	66 44N	176 41W	626265	25069	196 53	24 58	14 34	-0 9	ND	2.788
15	1 37 46.456	2245	67 0.87N	176 28.57W	66 35N	176 48W	626063	25070	196 48	25 7	14 34	-0 9	ND	2.799
16	1 37 48.706	2250	66 52.01N	176 35.37W	66 26N	176 54W	625861	25070	196 43	25 16	14 35	-0 9	ND	2.793
17	1 37 50.951	2245	66 43.17N	176 42.08W	66 17N	177 1W	625659	25071	196 38	25 24	14 35	-0 8	ND	2.799
18	1 37 53.196	2245	66 34.32N	176 48.72W	66 8N	177 7W	625458	25071	196 33	25 33	14 36	-0 8	ND	2.799
19	1 37 55.441	2245	66 25.47N	176 55.29W	66 0N	177 13W	625257	25072	196 28	25 42	14 36	-0 8	ND	2.799
20	1 37 57.682	2240	66 16.63N	177 1.77W	65 51N	177 20W	625057	25072	196 23	25 51	14 36	-0 8	ND	2.805
21	1 37 59.922	2240	66 7.79N	177 8.18W	65 42N	177 26W	624857	25073	196 18	26 0	14 36	-0 8	ND	2.805
22	1 38 2.161	2240	65 58.95N	177 14.53W	65 33N	177 32W	624658	25073	196 13	26 9	14 36	-0 8	ND	2.805
23	1 38 4.401	2240	65 50.11N	177 20.81W	65 24N	177 38W	624459	25073	196 8	26 18	14 37	-0 7	ND	2.805
24	1 38 6.637	2235	65 41.27N	177 27.01W	65 15N	177 44W	624261	25074	196 4	26 27	14 37	-0 7	ND	2.811
25	1 38 8.877	2240	65 32.42N	177 33.16W	65 7N	177 50W	624062	25074	195 59	26 35	14 37	-0 7	ND	2.805
26	1 38 11.111	2235	65 23.58N	177 39.24W	64 58N	177 56W	623865	25075	195 55	26 44	14 37	-0 7	ND	2.811
27	1 38 13.352	2240	65 14.72N	177 45.27W	64 49N	178 2W	623668	25075	195 50	26 53	14 37	-0 6	ND	2.805
28	1 38 15.587	2235	65 5.87N	177 51.22W	64 40N	178 7W	623472	25076	195 46	27 2	14 37	-0 6	ND	2.811
29	1 38 17.822	2236	64 57.02N	177 57.11W	64 31N	178 13W	623276	25076	195 41	27 11	14 37	-0 6	ND	2.810
30	1 38 20.062	2239	64 48.15N	178 2.96W	64 22N	178 19W	623080	25077	195 37	27 20	14 37	-0 6	ND	2.806
31	1 38 22.297	2235	64 39.30N	178 8.74W	64 13N	178 24W	622884	25077	195 33	27 29	14 37	-0 6	ND	2.811
32	1 38 24.526	2230	64 30.46N	178 14.45W	64 5N	178 30W	622691	25078	195 29	27 37	14 37	-0 6	ND	2.818
33	1 38 26.762	2235	64 21.60N	178 20.12W	63 56N	178 35W	622496	25078	195 25	27 46	14 36	-0 6	ND	2.811
34	1 38 28.992	2231	64 12.75N	178 25.72W	63 47N	178 41W	622302	25079	195 21	27 55	14 36	-0 6	ND	2.816
35	1 38 31.227	2234	64 3.88N	178 31.27W	63 38N	178 46W	622109	25079	195 17	28 4	14 36	-0 6	ND	2.813
36	1 38 33.456	2230	63 55.03N	178 36.77W	63 29N	178 52W	621916	25080	195 13	28 13	14 36	-0 6	ND	2.818
37	1 38 35.687	2230	63 46.17N	178 42.21W	63 20N	178 57W	621724	25080	195 9	28 21	14 36	-0 6	ND	2.818
38	1 38 37.916	2230	63 37.32N	178 47.60W	63 11N	179 2W	621532	25080	195 5	28 30	14 35	-0 6	ND	2.818
39	1 38 40.146	2230	63 28.45N	178 52.94W	63 3N	179 7W	621341	25081	195 1	28 39	14 35	-0 7	ND	2.818
40	1 38 42.377	2230	63 19.59N	178 58.24W	62 54N	179 12W	621150	25081	194 57	28 48	14 35	-0 7	ND	2.818
41	1 38 44.606	2230	63 10.72N	179 3.48W	62 45N	179 18W	620959	25082	194 54	28 57	14 34	-0 7	ND	2.818
42	1 38 46.831	2225	63 1.87N	179 8.67W	62 36N	179 23W	620770	25082	194 50	29 6	14 34	-0 7	ND	2.824
43	1 38 49.057	2225	62 53.02N	179 13.81W	62 27N	179 28W	620581	25083	194 47	29 14	14 34	-0 8	ND	2.824
44	1 38 51.286	2230	62 44.15N	179 18.91W	62 18N	179 33W	620392	25083	194 43	29 23	14 33	-0 8	ND	2.818
45	1 38 53.512	2225	62 35.29N	179 23.96W	62 9N	179 38W	620204	25084	194 39	29 32	14 33	-0 9	ND	2.824

FRAME EPHEMERIS MISSION 1018-2

PASS 84D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 42

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	1	38	55.741	2230	62	26.41N	179	28.98W	62	1N	179	42W	620015	25084	194	36	29	41	14	33	-0	9	ND		2.818
47	1	38	57.973	2231	62	17.52N	179	33.95W	61	52N	179	47W	619828	25085	194	33	29	50	14	33	-0	10	ND		2.816
48	1	39	0.206	2234	62	8.62N	179	38.89W	61	43N	179	52W	619640	25085	194	29	29	58	14	32	-0	10	ND		2.813
49	1	39	2.432	2225	61	59.75N	179	43.76W	61	34N	179	57W	619454	25085	194	26	30	7	14	32	-0	11	ND		2.824
50	1	39	4.661	2230	61	50.86N	179	48.61W	61	25N	179	58E	619268	25086	194	23	30	16	14	32	-0	12	ND		2.818
51	1	39	6.887	2225	61	41.98N	179	53.40W	61	16N	179	54E	619083	25086	194	19	30	25	14	31	-0	12	ND		2.824

FRAME EPHEMERIS MISSION 1018-2

PASS 85D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 43

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	3	5	14.798	0	72 17.20N	166 29.87E	71 52N	165 53E	633176	25053	201	2	19	45	14 48	-0 57	ND	1.902
2	3	5	18.102	3304	72 4.53N	166 14.06E	71 39N	165 38E	632865	25053	200	48	19	58	14 50	-0 56	ND	1.902
3	3	5	20.706	2605	71 54.53N	166 1.83E	71 29N	165 27E	632620	25054	200	38	20	9	14 50	-0 54	ND	2.412
4	3	5	23.121	2415	71 45.24N	165 50.67E	71 20N	165 16E	632393	25054	200	28	20	18	14 52	-0 53	ND	2.602
5	3	5	25.451	2330	71 36.27N	165 40.07E	71 11N	165 6E	632175	25055	200	19	20	28	14 53	-0 51	ND	2.697
6	3	5	27.742	2291	71 27.45N	165 29.79E	71 2N	164 57E	631961	25055	200	11	20	37	14 54	-0 50	ND	2.743
7	3	5	30.017	2274	71 18.67N	165 19.74E	70 53N	164 47E	631748	25056	200	2	20	46	14 55	-0 48	ND	2.763
8	3	5	32.281	2265	71 9.93N	165 9.87E	70 44N	164 38E	631537	25056	199	54	20	55	14 55	-0 46	ND	2.774
9	3	5	34.541	2260	71 1.20N	165 0.16E	70 35N	164 29E	631326	25057	199	46	21	4	14 56	-0 45	ND	2.780
10	3	5	36.797	2255	70 52.48N	164 50.60E	70 27N	164 20E	631116	25057	199	38	21	13	14 56	-0 44	ND	2.786
11	3	5	39.047	2250	70 43.77N	164 41.19E	70 18N	164 11E	630907	25058	199	30	21	22	14 56	-0 42	ND	2.793
12	3	5	41.297	2250	70 35.06N	164 31.91E	70 9N	164 2E	630698	25058	199	22	21	30	14 56	-0 41	ND	2.793
13	3	5	43.541	2245	70 26.36N	164 22.78E	70 0N	163 54E	630490	25059	199	15	21	39	14 56	-0 40	ND	2.799
14	3	5	45.786	2245	70 17.65N	164 13.77E	69 52N	163 45E	630282	25059	199	7	21	48	14 56	-0 38	ND	2.799
15	3	5	48.026	2240	70 8.95N	164 4.89E	69 43N	163 37E	630075	25060	199	0	21	57	14 56	-0 37	ND	2.805
16	3	5	50.267	2240	70 0.25N	163 56.13E	69 34N	163 29E	629868	25060	198	53	22	6	14 56	-0 35	ND	2.805
17	3	5	52.507	2240	69 51.53N	163 47.49E	69 25N	163 20E	629661	25061	198	46	22	15	14 56	-0 33	ND	2.805
18	3	5	54.746	2240	69 42.82N	163 38.95E	69 17N	163 12E	629455	25061	198	39	22	24	14 56	-0 32	ND	2.805
19	3	5	56.986	2240	69 34.10N	163 30.52E	69 8N	163 4E	629248	25062	198	32	22	33	14 55	-0 31	ND	2.805
20	3	5	59.227	2240	69 25.37N	163 22.20E	68 59N	162 56E	629043	25062	198	25	22	41	14 55	-0 30	ND	2.805
21	3	6	1.463	2236	69 16.65N	163 14.00E	68 51N	162 49E	628837	25063	198	19	22	50	14 55	-0 29	ND	2.810
22	3	6	3.701	2239	69 7.91N	163 5.89E	68 42N	162 41E	628633	25063	198	12	22	59	14 54	-0 28	ND	2.806
23	3	6	5.937	2235	68 59.19N	162 57.89E	68 33N	162 33E	628428	25064	198	6	23	8	14 54	-0 27	ND	2.811
24	3	6	8.172	2235	68 50.45N	162 49.99E	68 24N	162 26E	628224	25064	197	59	23	17	14 53	-0 26	ND	2.811
25	3	6	10.406	2235	68 41.72N	162 42.19E	68 16N	162 19E	628020	25065	197	53	23	26	14 53	-0 24	ND	2.811
26	3	6	12.642	2235	68 32.97N	162 34.47E	68 7N	162 11E	627817	25065	197	47	23	34	14 52	-0 24	ND	2.811
27	3	6	14.877	2235	68 24.22N	162 26.85E	67 58N	162 4E	627613	25066	197	41	23	43	14 52	-0 22	ND	2.811
28	3	6	17.107	2231	68 15.49N	162 19.34E	67 49N	161 57E	627411	25066	197	35	23	52	14 51	-0 22	ND	2.816
29	3	6	19.347	2239	68 6.71N	162 11.88E	67 41N	161 50E	627208	25067	197	29	24	1	14 51	-0 22	ND	2.806
30	3	6	21.576	2230	67 57.97N	162 4.55E	67 32N	161 43E	627006	25067	197	23	24	10	14 51	-0 22	ND	2.818
31	3	6	23.812	2235	67 49.20N	161 57.28E	67 23N	161 36E	626804	25068	197	18	24	19	14 50	-0 21	ND	2.811
32	3	6	26.041	2230	67 40.45N	161 50.11E	67 14N	161 29E	626603	25068	197	12	24	27	14 50	-0 20	ND	2.818
33	3	6	28.276	2235	67 31.67N	161 43.00E	67 6N	161 22E	626402	25069	197	7	24	36	14 50	-0 20	ND	2.811
34	3	6	30.507	2230	67 22.90N	161 35.99E	66 57N	161 15E	626202	25069	197	1	24	45	14 49	-0 20	ND	2.818
35	3	6	32.741	2235	67 14.12N	161 29.05E	66 48N	161 9E	626001	25070	196	56	24	54	14 49	-0 20	ND	2.811
36	3	6	34.972	2230	67 5.34N	161 22.19E	66 39N	161 2E	625801	25070	196	51	25	3	14 49	-0 20	ND	2.818
37	3	6	37.201	2230	66 56.57N	161 15.41E	66 30N	160 55E	625602	25070	196	45	25	12	14 49	-0 20	ND	2.818
38	3	6	39.428	2226	66 47.80N	161 8.72E	66 22N	160 49E	625403	25071	196	40	25	20	14 49	-0 20	ND	2.823
39	3	6	41.656	2229	66 39.02N	161 2.09E	66 13N	160 43E	625205	25071	196	35	25	29	14 48	-0 21	ND	2.819
40	3	6	43.887	2230	66 30.23N	160 55.53E	66 4N	160 36E	625006	25072	196	30	25	38	14 48	-0 21	ND	2.818
41	3	6	46.116	2230	66 21.44N	160 49.04E	65 55N	160 30E	624809	25072	196	25	25	47	14 48	-0 21	ND	2.818
42	3	6	48.343	2226	66 12.65N	160 42.63E	65 47N	160 24E	624612	25073	196	20	25	56	14 48	-0 21	ND	2.823
43	3	6	50.576	2234	66 3.84N	160 36.26E	65 38N	160 18E	624414	25073	196	16	26	4	14 48	-0 22	ND	2.813
44	3	6	52.807	2230	65 55.03N	160 29.97E	65 29N	160 11E	624217	25074	196	11	26	13	14 48	-0 22	ND	2.818
45	3	6	55.036	2230	65 46.22N	160 23.75E	65 20N	160 5E	624020	25074	196	6	26	22	14 48	-0 23	ND	2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	3	6	57.262	2225	65	37.43N	160	17.60E	65	11N	159	59E	623825	25075	196	2	26	31	14	48	-0	23	ND		2.824
47	3	6	59.487	2226	65	28.63N	160	11.52E	65	3N	159	54E	623630	25075	195	57	26	40	14	48	-0	23	ND		2.823
48	3	7	1.722	2234	65	19.79N	160	5.47E	64	54N	159	48E	623435	25076	195	53	26	49	14	48	-0	24	ND		2.813
49	3	7	3.941	2220	65	11.01N	159	59.53E	64	45N	159	42E	623241	25076	195	48	26	57	14	48	-0	24	ND		2.830
50	3	7	6.172	2230	65	2.18N	159	53.61E	64	36N	159	36E	623046	25077	195	44	27	6	14	48	-0	24	ND		2.818
51	3	7	8.401	2230	64	53.35N	159	47.76E	64	27N	159	30E	622852	25077	195	40	27	15	14	47	-0	24	ND		2.818
52	3	7	10.627	2225	64	44.53N	159	41.97E	64	18N	159	25E	622660	25077	195	35	27	24	14	48	-0	24	ND		2.824
53	3	7	12.852	2225	64	35.72N	159	36.24E	64	10N	159	19E	622467	25078	195	31	27	33	14	48	-0	24	ND		2.824
54	3	7	15.076	2225	64	26.90N	159	30.57E	64	1N	159	14E	622274	25078	195	27	27	41	14	48	-0	24	ND		2.824
55	3	7	17.307	2230	64	18.05N	159	24.94E	63	52N	159	8E	622082	25079	195	23	27	50	14	48	-0	23	ND		2.818
56	3	7	19.531	2225	64	9.23N	159	19.37E	63	43N	159	3E	621890	25079	195	19	27	59	14	48	-0	23	ND		2.824
57	3	7	21.757	2225	64	0.39N	159	13.86E	63	34N	158	58E	621699	25080	195	15	28	8	14	48	-0	22	ND		2.824
58	3	7	23.981	2225	63	51.56N	159	8.40E	63	25N	158	52E	621508	25080	195	11	28	17	14	48	-0	22	ND		2.824
59	3	7	26.202	2221	63	42.74N	159	3.00E	63	17N	158	47E	621319	25081	195	7	28	25	14	48	-0	22	ND		2.829
60	3	7	28.432	2229	63	33.88N	158	57.62E	63	8N	158	42E	621129	25081	195	3	28	34	14	48	-0	21	ND		2.819
61	3	7	30.656	2225	63	25.04N	158	52.31E	62	59N	158	37E	620939	25082	195	0	28	43	14	48	-0	21	ND		2.824
62	3	7	32.877	2220	63	16.21N	158	47.06E	62	50N	158	32E	620751	25082	194	56	28	52	14	48	-0	20	ND		2.830
63	3	7	35.097	2220	63	7.39N	158	41.86E	62	41N	158	27E	620563	25082	194	52	29	-1	14	48	-0	20	ND		2.830
64	3	7	37.321	2225	62	58.54N	158	36.69E	62	32N	158	22E	620375	25083	194	49	29	9	14	48	-0	19	ND		2.824
65	3	7	39.542	2221	62	49.70N	158	31.58E	62	24N	158	17E	620188	25083	194	45	29	18	14	48	-0	19	ND		2.829
66	3	7	41.767	2224	62	40.84N	158	26.50E	62	15N	158	12E	620001	25084	194	42	29	27	14	48	-0	19	ND		2.825
67	3	7	43.987	2221	62	32.00N	158	21.48E	62	6N	158	7E	619814	25084	194	38	29	36	14	48	-0	18	ND		2.829
68	3	7	46.213	2225	62	23.14N	158	16.49E	61	57N	158	2E	619629	25085	194	35	29	45	14	48	-0	18	ND		2.824
69	3	7	48.441	2229	62	14.26N	158	11.54E	61	48N	157	57E	619443	25085	194	31	29	53	14	48	-0	18	ND		2.819
70	3	7	50.661	2220	62	5.41N	158	6.65E	61	39N	157	53E	619258	25086	194	28	30	2	14	47	-0	18	ND		2.830
71	3	7	52.882	2220	61	56.56N	158	1.80E	61	30N	157	48E	619073	25086	194	25	30	11	14	47	-0	18	ND		2.830
72	3	7	55.106	2225	61	47.69N	157	56.98E	61	22N	157	43E	618890	25086	194	21	30	20	14	47	-0	19	ND		2.824
73	3	7	57.331	2225	61	38.81N	157	52.21E	61	13N	157	39E	618706	25087	194	18	30	28	14	47	-0	19	ND		2.824
74	3	7	59.553	2221	61	29.95N	157	47.47E	61	4N	157	34E	618523	25087	194	15	30	37	14	46	-0	19	ND		2.829
75	3	8	1.776	2224	61	21.07N	157	42.78E	60	55N	157	29E	618340	25088	194	12	30	46	14	46	-0	20	ND		2.825
76	3	8	3.996	2220	61	12.21N	157	38.13E	60	46N	157	25E	618159	25088	194	9	30	55	14	46	-0	20	ND		2.830
77	3	8	6.222	2225	61	3.33N	157	33.51E	60	37N	157	20E	617977	25089	194	6	31	4	14	46	-0	21	ND		2.824
78	3	8	8.446	2225	60	54.44N	157	28.92E	60	28N	157	16E	617796	25089	194	3	31	12	14	46	-0	22	ND		2.824
79	3	8	10.672	2225	60	45.55N	157	24.38E	60	19N	157	11E	617615	25090	194	0	31	21	14	46	-0	23	ND		2.824

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	4	33	1.571	0	76	13.02N	150	40.57E	75	50N	149	48E	638780	25039	206	41	15	35	14	2	-0	38	ND		1.887
2	4	33	4.901	3330	76	0.79N	150	15.20E	75	38N	149	24E	638461	25040	206	18	15	48	14	1	-0	39	ND		1.887
3	4	33	7.531	2630	75	51.10N	149	55.64E	75	28N	149	5E	638209	25040	206	0	15	59	13	60	-0	41	ND		2.389
4	4	33	9.962	2430	75	42.13N	149	37.95E	75	19N	148	49E	637976	25041	205	44	16	8	13	59	-0	41	ND		2.586
5	4	33	12.308	2346	75	33.45N	149	21.19E	75	10N	148	33E	637752	25042	205	29	16	18	13	59	-0	41	ND		2.678
6	4	33	14.616	2309	75	24.89N	149	5.01E	75	2N	148	18E	637532	25042	205	14	16	27	13	59	-0	42	ND		2.721
7	4	33	16.902	2286	75	16.40N	148	49.28E	74	53N	148	3E	637314	25043	205	0	16	36	13	58	-0	42	ND		2.749
8	4	33	19.177	2274	75	7.94N	148	33.91E	74	45N	147	48E	637097	25043	204	46	16	45	13	58	-0	42	ND		2.763
9	4	33	21.446	2270	74	59.47N	148	18.84E	74	36N	147	34E	636881	25044	204	33	16	54	13	58	-0	43	ND		2.768
10	4	33	23.712	2265	74	51.01N	148	4.07E	74	28N	147	20E	636665	25044	204	20	17	3	13	58	-0	43	ND		2.774
11	4	33	25.972	2260	74	42.55N	147	49.58E	74	19N	147	6E	636450	25045	204	7	17	12	13	59	-0	43	ND		2.780
12	4	33	28.227	2255	74	34.10N	147	35.38E	74	11N	146	52E	636236	25045	203	54	17	21	13	59	-0	43	ND		2.786
13	4	33	30.481	2255	74	25.63N	147	21.41E	74	2N	146	39E	636022	25046	203	42	17	30	13	60	-0	43	ND		2.786
14	4	33	32.736	2255	74	17.15N	147	7.68E	73	54N	146	26E	635808	25046	203	30	17	39	13	60	-0	43	ND		2.786
15	4	33	34.991	2255	74	8.66N	146	54.18E	73	45N	146	13E	635594	25047	203	18	17	48	14	0	-0	43	ND		2.786
16	4	33	37.241	2250	74	0.17N	146	40.93E	73	36N	146	1E	635381	25047	203	6	17	56	14	1	-0	43	ND		2.793
17	4	33	39.491	2250	73	51.67N	146	27.89E	73	28N	145	48E	635169	25048	202	55	18	5	14	1	-0	43	ND		2.793
18	4	33	41.741	2250	73	43.16N	146	15.07E	73	19N	145	36E	634956	25048	202	44	18	14	14	2	-0	42	ND		2.793
19	4	33	43.986	2245	73	34.66N	146	2.48E	73	11N	145	24E	634744	25049	202	33	18	23	14	2	-0	42	ND		2.799
20	4	33	46.231	2245	73	26.14N	145	50.09E	73	2N	145	12E	634532	25049	202	22	18	32	14	3	-0	42	ND		2.799
21	4	33	48.477	2245	73	17.61N	145	37.89E	72	54N	145	1E	634321	25050	202	11	18	41	14	3	-0	42	ND		2.799
22	4	33	50.727	2250	73	9.05N	145	25.86E	72	45N	144	49E	634109	25050	202	1	18	50	14	4	-0	42	ND		2.793
23	4	33	52.972	2245	73	0.50N	145	14.04E	72	36N	144	38E	633898	25051	201	50	18	59	14	5	-0	41	ND		2.799
24	4	33	55.217	2245	72	51.94N	145	2.41E	72	28N	144	27E	633686	25051	201	40	19	8	14	5	-0	41	ND		2.799
25	4	34	36.097	40880	70	14.52N	141	57.79E	69	49N	141	32E	629886	25060	199	5	21	51	14	37	-0	10	ND		0.154
26	4	34	39.308	3211	70	2.04N	141	45.17E	69	36N	141	20E	629592	25061	198	54	22	3	14	38	-0	11	ND		1.957
27	4	34	41.861	2554	69	52.11N	141	35.30E	69	26N	141	11E	629358	25061	198	46	22	14	14	40	-0	12	ND		2.460
28	4	34	44.236	2375	69	42.87N	141	26.24E	69	17N	141	2E	629140	25062	198	39	22	23	14	41	-0	13	ND		2.646
29	4	34	46.541	2305	69	33.90N	141	17.57E	69	8N	140	53E	628930	25062	198	32	22	32	14	41	-0	15	ND		2.726
30	4	34	48.816	2275	69	25.03N	141	9.13E	68	59N	140	45E	628722	25063	198	25	22	41	14	42	-0	17	ND		2.762
31	4	34	51.076	2260	69	16.22N	141	0.84E	68	50N	140	37E	628516	25063	198	18	22	50	14	43	-0	18	ND		2.780
32	4	34	53.331	2255	69	7.42N	140	52.68E	68	42N	140	29E	628311	25064	198	12	22	59	14	43	-0	20	ND		2.786
33	4	34	55.581	2250	68	58.63N	140	44.63E	68	33N	140	21E	628107	25064	198	5	23	8	14	44	-0	22	ND		2.793
34	4	34	57.831	2250	68	49.84N	140	36.69E	68	24N	140	13E	627902	25065	197	59	23	17	14	44	-0	24	ND		2.793
35	4	35	0.071	2240	68	41.08N	140	28.87E	68	15N	140	5E	627699	25065	197	53	23	26	14	45	-0	26	ND		2.805
36	4	35	2.316	2245	68	32.30N	140	21.14E	68	6N	139	58E	627497	25066	197	46	23	35	14	45	-0	28	ND		2.799
37	4	35	4.557	2240	68	23.53N	140	13.51E	67	58N	139	50E	627294	25066	197	40	23	44	14	45	-0	30	ND		2.805
38	4	35	6.797	2240	68	14.75N	140	5.97E	67	49N	139	43E	627092	25067	197	34	23	53	14	46	-0	31	ND		2.805
39	4	35	9.031	2235	68	6.00N	139	58.54E	67	40N	139	36E	626892	25067	197	29	24	2	14	46	-0	33	ND		2.811
40	4	35	11.271	2240	67	57.21N	139	51.17E	67	31N	139	28E	626690	25068	197	23	24	10	14	46	-0	35	ND		2.805
41	4	35	13.507	2235	67	48.44N	139	43.91E	67	23N	139	21E	626490	25068	197	17	24	19	14	46	-0	36	ND		2.811
42	4	35	15.741	2235	67	39.67N	139	36.73E	67	14N	139	14E	626290	25069	197	12	24	28	14	46	-0	38	ND		2.811
43	4	35	17.978	2236	67	30.88N	139	29.63E	67	5N	139	7E	626090	25069	197	6	24	37	14	45	-0	40	ND		2.810
44	4	35	20.217	2239	67	22.08N	139	22.60E	66	56N	139	0E	625890	25069	197	1	24	46	14	45	-0	42	ND		2.806
45	4	35	22.446	2230	67	13.32N	139	15.68E	66	47N	138	54E	625691	25070	196	55	24	55	14	45	-0	43	ND		2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	4	35	24.677	2230	67	4.54N	139	8.83E	66	39N	138	47E	625493	25070	196	50	25	4	14	45	-0	44	ND		2.818
47	4	35	26.901	2225	66	55.79N	139	2.08E	66	30N	138	40E	625295	25071	196	45	25	12	14	45	-0	45	ND		2.824
48	4	35	29.137	2235	66	46.98N	138	55.37E	66	21N	138	34E	625098	25071	196	40	25	21	14	45	-0	46	ND		2.811
49	4	35	31.371	2235	66	38.18N	138	48.73E	66	12N	138	27E	624901	25072	196	34	25	30	14	45	-0	47	ND		2.811
50	4	35	33.602	2230	66	29.39N	138	42.17E	66	4N	138	21E	624703	25072	196	29	25	39	14	44	-0	47	ND		2.818
51	4	35	35.831	2230	66	20.60N	138	35.69E	65	55N	138	15E	624507	25073	196	25	25	48	14	44	-0	48	ND		2.818
52	4	35	38.062	2230	66	11.80N	138	29.28E	65	46N	138	9E	624310	25073	196	20	25	57	14	44	-0	48	ND		2.818
53	4	35	40.297	2235	66	2.97N	138	22.91E	65	37N	138	2E	624114	25074	196	15	26	5	14	43	-0	48	ND		2.811
54	4	35	42.531	2235	65	54.15N	138	16.62E	65	28N	137	56E	623919	25074	196	10	26	14	14	43	-0	48	ND		2.811
55	4	35	44.757	2225	65	45.36N	138	10.42E	65	20N	137	50E	623724	25075	196	6	26	23	14	43	-0	48	ND		2.824
56	4	35	46.986	2230	65	36.55N	138	4.27E	65	11N	137	44E	623530	25075	196	1	26	32	14	43	-0	48	ND		2.818
57	4	35	49.217	2230	65	27.73N	137	58.18E	65	2N	137	39E	623335	25076	195	56	26	41	14	43	-0	48	ND		2.818
58	4	35	51.446	2230	65	18.91N	137	52.15E	64	53N	137	33E	623142	25076	195	52	26	50	14	43	-0	47	ND		2.818
59	4	35	53.672	2225	65	10.10N	137	46.19E	64	44N	137	27E	622948	25076	195	48	26	58	14	42	-0	47	ND		2.824
60	4	35	55.901	2230	65	1.28N	137	40.29E	64	36N	137	21E	622755	25077	195	43	27	7	14	41	-0	47	ND		2.818
61	4	35	58.132	2230	64	52.44N	137	34.44E	64	27N	137	16E	622563	25077	195	39	27	16	14	41	-0	46	ND		2.818
62	4	36	0.361	2230	64	43.61N	137	28.65E	64	18N	137	10E	622371	25078	195	35	27	25	14	41	-0	46	ND		2.818
63	4	38	38.098	57736	54	12.41N	132	21.38E	53	47N	132	12E	610060	25107	192	17	37	47	14	29	-0	24	ND		0.040
64	4	38	41.231	3134	53	59.78N	132	16.71E	53	34N	132	8E	609846	25108	192	14	37	59	14	29	-0	24	ND		2.005
65	4	38	43.731	2500	53	49.70N	132	13.01E	53	24N	132	4E	609677	25108	192	13	38	9	14	29	-0	23	ND		2.513
66	4	38	46.071	2340	53	40.26N	132	9.57E	53	15N	132	1E	609519	25109	192	11	38	18	14	29	-0	23	ND		2.685
67	4	38	48.356	2285	53	31.04N	132	6.23E	53	6N	131	58E	609365	25109	192	9	38	27	14	29	-0	22	ND		2.750
68	4	38	50.616	2260	53	21.93N	132	2.95E	52	57N	131	54E	609214	25109	192	7	38	36	14	28	-0	21	ND		2.780
69	4	38	52.866	2250	53	12.85N	131	59.70E	52	47N	131	51E	609065	25110	192	5	38	45	14	28	-0	20	ND		2.793
70	4	38	55.111	2245	53	3.79N	131	56.47E	52	38N	131	48E	608916	25110	192	4	38	54	14	27	-0	19	ND		2.799
71	4	38	57.352	2240	52	54.75N	131	53.28E	52	29N	131	45E	608768	25111	192	2	39	3	14	27	-0	18	ND		2.805
72	4	38	59.581	2230	52	45.75N	131	50.11E	52	20N	131	42E	608622	25111	192	1	39	11	14	26	-0	17	ND		2.818
73	4	39	1.816	2235	52	36.73N	131	46.96E	52	11N	131	39E	608477	25111	191	59	39	20	14	26	-0	16	ND		2.811
74	4	39	4.047	2230	52	27.72N	131	43.83E	52	2N	131	36E	608332	25112	191	57	39	29	14	25	-0	15	ND		2.818
75	4	39	6.271	2225	52	18.74N	131	40.72E	51	53N	131	33E	608188	25112	191	56	39	37	14	25	-0	13	ND		2.824
76	4	39	8.501	2230	52	9.74N	131	37.63E	51	44N	131	30E	608045	25112	191	54	39	46	14	24	-0	12	ND		2.818
77	4	39	10.731	2230	52	0.73N	131	34.55E	51	35N	131	27E	607903	25113	191	53	39	55	14	24	-0	11	ND		2.818
78	4	39	12.951	2220	51	51.76N	131	31.50E	51	26N	131	24E	607762	25113	191	51	40	4	14	23	-0	10	ND		2.830
79	4	39	15.182	2230	51	42.75N	131	28.46E	51	18N	131	21E	607621	25113	191	50	40	12	14	22	-0	9	ND		2.818
80	4	39	17.406	2225	51	33.76N	131	25.43E	51	9N	131	18E	607481	25114	191	48	40	21	14	22	-0	8	ND		2.824
81	4	39	19.632	2225	51	24.77N	131	22.43E	51	0N	131	15E	607342	25114	191	47	40	30	14	22	-0	6	ND		2.824
82	4	39	21.852	2220	51	15.80N	131	19.44E	50	51N	131	12E	607204	25114	191	45	40	39	14	21	-0	6	ND		2.830
83	4	39	24.076	2225	51	6.81N	131	16.47E	50	42N	131	9E	607067	25115	191	44	40	47	14	20	-0	6	ND		2.824
84	4	39	26.302	2225	50	57.81N	131	13.51E	50	33N	131	7E	606931	25115	191	42	40	56	14	20	-0	5	ND		2.824
85	4	39	28.521	2220	50	48.84N	131	10.58E	50	24N	131	4E	606795	25115	191	41	41	5	14	20	-0	4	ND		2.830
86	4	39	30.746	2225	50	39.84N	131	7.65E	50	15N	131	1E	606660	25116	191	39	41	13	14	19	-0	3	ND		2.824
87	4	39	32.967	2220	50	30.86N	131	4.74E	50	6N	130	58E	606526	25116	191	38	41	22	14	19	-0	3	ND		2.830
88	4	39	35.191	2225	50	21.86N	131	1.84E	49	57N	130	55E	606392	25116	191	37	41	31	14	19	-0	2	ND		2.824
89	4	39	37.411	2220	50	12.88N	130	58.97E	49	48N	130	52E	606260	25117	191	35	41	39	14	19	-0	2	ND		2.830
90	4	39	39.633	2221	50	3.90N	130	56.10E	49	39N	130	50E	606128	25117	191	34	41	48	14	19	-0	2	ND		2.829

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	4	39	41.856	2224	49	54.90N	130	53.25E	49	30N	130	47E	605997	25117	191	33	41	57	14	19	-0	2	ND		2.825
92	4	39	44.081	2225	49	45.90N	130	50.41E	49	21N	130	44E	605867	25118	191	31	42	6	14	18	-0	2	ND		2.824
93	4	39	46.297	2215	49	36.93N	130	47.59E	49	12N	130	41E	605738	25118	191	30	42	14	14	18	-0	2	ND		2.837
94	4	39	48.518	2221	49	27.94N	130	44.79E	49	3N	130	38E	605610	25118	191	29	42	23	14	18	-0	2	ND		2.829
95	4	39	50.741	2224	49	18.94N	130	41.99E	48	54N	130	36E	605482	25119	191	27	42	32	14	18	-0	2	ND		2.825
96	4	39	52.962	2220	49	9.95N	130	39.21E	48	45N	130	33E	605355	25119	191	26	42	40	14	18	-0	3	ND		2.830
97	4	39	55.182	2220	49	0.96N	130	36.44E	48	36N	130	30E	605229	25119	191	25	42	49	14	18	-0	3	ND		2.830
98	4	39	57.402	2221	48	51.97N	130	33.69E	48	27N	130	27E	605105	25119	191	24	42	58	14	18	-0	4	ND		2.829
99	4	39	59.626	2224	48	42.97N	130	30.95E	48	18N	130	25E	604980	25120	191	22	43	6	14	18	-0	6	ND		2.825
100	4	40	1.847	2220	48	33.97N	130	28.22E	48	9N	130	22E	604857	25120	191	21	43	15	14	18	-0	7	ND		2.830
101	4	40	4.062	2215	48	25.00N	130	25.51E	48	0N	130	19E	604735	25120	191	20	43	24	14	18	-0	7	ND		2.837
102	4	40	6.286	2225	48	15.99N	130	22.80E	47	51N	130	17E	604613	25121	191	19	43	32	14	18	-0	8	ND		2.824
103	4	40	8.507	2220	48	6.99N	130	20.11E	47	42N	130	14E	604492	25121	191	18	43	41	14	19	-0	9	ND		2.830
104	4	40	10.727	2220	47	58.00N	130	17.44E	47	33N	130	11E	604372	25121	191	16	43	50	14	19	-0	9	ND		2.830
105	4	40	12.942	2216	47	49.02N	130	14.78E	47	24N	130	8E	604253	25122	191	15	43	59	14	19	-0	10	ND		2.835
106	4	40	15.161	2219	47	40.03N	130	12.13E	47	15N	130	6E	604135	25122	191	14	44	7	14	19	-0	11	ND		2.832
107	4	40	17.382	2220	47	31.02N	130	9.49E	47	6N	130	3E	604018	25122	191	13	44	16	14	19	-0	11	ND		2.830
108	4	40	19.602	2220	47	22.03N	130	6.86E	46	57N	130	1E	603902	25122	191	12	44	25	14	20	-0	12	ND		2.830
109	4	40	21.821	2220	47	13.03N	130	4.24E	46	48N	129	58E	603787	25123	191	11	44	33	14	20	-0	13	ND		2.830
110	4	40	24.037	2216	47	4.04N	130	1.64E	46	39N	129	55E	603672	25123	191	10	44	42	14	20	-0	14	ND		2.835
111	4	40	26.257	2219	46	55.04N	129	59.05E	46	30N	129	53E	603559	25123	191	9	44	51	14	20	-0	15	ND		2.832
112	4	40	28.477	2220	46	46.04N	129	56.47E	46	21N	129	50E	603446	25124	191	8	44	59	14	20	-0	16	ND		2.830
113	4	40	30.696	2220	46	37.04N	129	53.89E	46	12N	129	48E	603334	25124	191	7	45	8	14	20	-0	17	ND		2.830
114	4	40	32.916	2220	46	28.04N	129	51.33E	46	3N	129	45E	603223	25124	191	5	45	17	14	20	-0	18	ND		2.830
115	4	40	35.137	2220	46	19.03N	129	48.78E	45	54N	129	42E	603112	25124	191	4	45	25	14	21	-0	19	ND		2.830
116	4	40	37.356	2220	46	10.02N	129	46.25E	45	45N	129	40E	603004	25125	191	3	45	34	14	21	-0	20	ND		2.830
117	4	40	39.576	2220	46	1.02N	129	43.72E	45	36N	129	37E	602895	25125	191	2	45	43	14	21	-0	20	ND		2.830
118	4	40	41.791	2215	45	52.03N	129	41.21E	45	27N	129	35E	602788	25125	191	1	45	51	14	22	-0	21	ND		2.837
119	4	40	44.012	2220	45	43.02N	129	38.70E	45	18N	129	32E	602682	25125	191	0	46	0	14	22	-0	22	ND		2.830
120	4	40	46.231	2220	45	34.01N	129	36.20E	45	9N	129	30E	602576	25126	190	59	46	9	14	22	-0	23	ND		2.830
121	4	40	48.451	2220	45	25.00N	129	33.72E	45	0N	129	27E	602472	25126	190	58	46	17	14	22	-0	23	ND		2.830
122	4	40	50.672	2220	45	15.99N	129	31.24E	44	51N	129	25E	602368	25126	190	57	46	26	14	22	-0	24	ND		2.830
123	4	40	52.892	2220	45	6.98N	129	28.78E	44	42N	129	22E	602266	25126	190	56	46	35	14	22	-0	25	ND		2.830
124	4	40	55.106	2215	44	57.99N	129	26.33E	44	33N	129	20E	602164	25127	190	56	46	43	14	23	-0	26	ND		2.837
125	4	40	57.326	2220	44	48.97N	129	23.88E	44	24N	129	18E	602063	25127	190	55	46	52	14	23	-0	27	ND		2.830
126	4	40	59.541	2215	44	39.98N	129	21.45E	44	15N	129	15E	601964	25127	190	54	47	1	14	24	-0	28	ND		2.837
127	4	41	1.757	2215	44	30.98N	129	19.03E	44	6N	129	13E	601865	25127	190	53	47	9	14	24	-0	28	ND		2.837
128	4	41	3.972	2215	44	21.99N	129	16.62E	43	57N	129	10E	601767	25128	190	52	47	18	14	24	-0	29	ND		2.837
129	4	41	6.187	2215	44	12.99N	129	14.22E	43	48N	129	8E	601671	25128	190	51	47	26	14	25	-0	30	ND		2.837
130	4	41	8.406	2220	44	3.98N	129	11.82E	43	39N	129	5E	601574	25128	190	50	47	35	14	25	-0	30	ND		2.830
131	4	41	10.621	2215	43	54.98N	129	9.43E	43	30N	129	3E	601480	25128	190	49	47	44	14	25	-0	30	ND		2.837
132	4	41	12.837	2215	43	45.98N	129	7.06E	43	21N	129	1E	601386	25129	190	48	47	52	14	25	-0	30	ND		2.837
133	4	41	15.057	2220	43	36.96N	129	4.69E	43	12N	128	58E	601292	25129	190	47	48	1	14	26	-0	31	ND		2.830
134	4	41	17.276	2220	43	27.94N	129	2.33E	43	3N	128	56E	601200	25129	190	47	48	9	14	26	-0	31	ND		2.830
135	4	41	19.487	2211	43	18.95N	128	59.99E	42	54N	128	54E	601110	25129	190	46	48	18	14	26	-0	31	ND		2.842

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FRM	Z TIME	DTIM	CAMERA NADIR LAT	CAMERA NADIR LONG	FORMAT CENTER LAT	FORMAT CENTER LONG	ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR MI SEC	MILS	DEG MIN	DEG MIN	DEG MIN	DEG MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	4 41 21.706	2219	43 9.94N	128 57.64E	42 45N	128 51E	601020	25130	190 45	48 27	14 26	-0 32	ND	2.832
137	4 41 23.922	2215	43 0.93N	128 55.31E	42 36N	128 49E	600931	25130	190 44	48 35	14 26	-0 32	ND	2.837
138	4 41 26.142	2220	42 51.91N	128 52.99E	42 27N	128 47E	600843	25130	190 43	48 44	14 26	-0 32	ND	2.830
139	4 41 28.356	2215	42 42.91N	128 50.67E	42 18N	128 44E	600756	25130	190 42	48 52	14 26	-0 33	ND	2.837
140	4 41 30.576	2220	42 33.88N	128 48.36E	42 9N	128 42E	600670	25130	190 42	49 1	14 26	-0 33	ND	2.830
141	4 41 32.791	2215	42 24.88N	128 46.07E	42 0N	128 40E	600585	25131	190 41	49 10	14 26	-0 33	ND	2.837
142	4 41 35.012	2220	42 15.85N	128 43.77E	41 51N	128 38E	600500	25131	190 40	49 18	14 26	-0 33	ND	2.830
143	4 41 37.227	2215	42 6.84N	128 41.50E	41 42N	128 35E	600418	25131	190 39	49 27	14 25	-0 33	ND	2.837
144	4 41 39.441	2215	41 57.83N	128 39.22E	41 33N	128 33E	600336	25131	190 38	49 35	14 25	-0 33	ND	2.837
145	4 41 41.656	2215	41 48.83N	128 36.96E	41 24N	128 31E	600255	25131	190 38	49 44	14 25	-0 33	ND	2.837
146	4 41 43.871	2215	41 39.82N	128 34.71E	41 15N	128 29E	600175	25132	190 37	49 52	14 25	-0 33	ND	2.837
147	4 41 46.087	2215	41 30.81N	128 32.46E	41 6N	128 26E	600096	25132	190 36	50 1	14 24	-0 33	ND	2.837
148	4 41 48.302	2215	41 21.80N	128 30.22E	40 57N	128 24E	600019	25132	190 35	50 10	14 24	-0 33	ND	2.837
149	4 41 50.517	2215	41 12.79N	128 27.99E	40 48N	128 22E	599942	25132	190 35	50 18	14 23	-0 33	ND	2.837
150	4 41 52.731	2215	41 3.78N	128 25.76E	40 39N	128 20E	599866	25132	190 34	50 27	14 22	-0 33	ND	2.837

FRAME EPHEMERIS MISSION 1018-2

PASS 87D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 49

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	6	10	10.882	0	43 10.64N	106 45.26E	42 45N	106 40E	600853	25130	190 45	48 26	14 37	-0 12	ND	1.992
2	6	10	14.036	3155	42 57.82N	106 41.94E	42 32N	106 36E	600728	25130	190 44	48 38	14 35	-0 14	ND	1.992
3	6	10	16.547	2510	42 47.61N	106 39.31E	42 22N	106 34E	600630	25130	190 43	48 48	14 32	-0 15	ND	2.503
4	6	10	18.896	2350	42 38.06N	106 36.87E	42 13N	106 31E	600540	25130	190 42	48 57	14 30	-0 15	ND	2.674
5	6	10	21.187	2290	42 28.75N	106 34.49E	42 4N	106 29E	600454	25131	190 41	49 6	14 28	-0 14	ND	2.744
6	6	10	23.446	2260	42 19.57N	106 32.15E	41 54N	106 27E	600369	25131	190 40	49 15	14 26	-0 13	ND	2.780
7	6	10	25.701	2255	42 10.40N	106 29.83E	41 45N	106 25E	600285	25131	190 39	49 23	14 24	-0 10	ND	2.786
8	6	10	27.946	2245	42 1.27N	106 27.52E	41 36N	106 22E	600204	25131	190 39	49 32	14 23	-0 8	ND	2.799
9	6	10	30.183	2236	41 52.17N	106 25.24E	41 27N	106 20E	600123	25131	190 38	49 40	14 21	-0 6	ND	2.810
10	6	10	32.422	2239	41 43.07N	106 22.95E	41 18N	106 18E	600044	25132	190 37	49 49	14 19	-0 4	ND	2.806
11	6	10	34.656	2235	41 33.98N	106 20.68E	41 9N	106 16E	599965	25132	190 36	49 58	14 18	-0 2	ND	2.811
12	6	10	36.887	2230	41 24.90N	106 18.43E	41 0N	106 14E	599888	25132	190 35	50 6	14 17	-0 2	ND	2.818
13	6	10	39.116	2230	41 15.84N	106 16.18E	40 51N	106 12E	599811	25132	190 35	50 15	14 15	-0 0	ND	2.818
14	6	10	41.347	2230	41 6.76N	106 13.94E	40 42N	106 9E	599736	25132	190 34	50 23	14 14	0 1	ND	2.818
15	6	10	43.576	2230	40 57.69N	106 11.70E	40 33N	106 7E	599662	25133	190 33	50 32	14 13	0 1	ND	2.818
16	6	10	45.807	2230	40 48.61N	106 9.47E	40 24N	106 5E	599589	25133	190 33	50 40	14 12	0 2	ND	2.818
17	6	10	48.031	2225	40 39.56N	106 7.26E	40 15N	106 3E	599517	25133	190 32	50 49	14 11	0 3	ND	2.824
18	6	10	50.257	2225	40 30.51N	106 5.05E	40 6N	106 1E	599446	25133	190 31	50 57	14 10	0 3	ND	2.824
19	6	10	52.481	2225	40 21.45N	106 2.86E	39 57N	105 59E	599377	25133	190 30	51 6	14 9	0 3	ND	2.824
20	6	10	54.706	2225	40 12.40N	106 0.66E	39 48N	105 56E	599308	25134	190 30	51 15	14 8	0 3	ND	2.824
21	6	10	56.932	2225	40 3.34N	105 58.48E	39 39N	105 54E	599240	25134	190 29	51 23	14 7	0 3	ND	2.824
22	6	10	59.156	2225	39 54.28N	105 56.30E	39 30N	105 52E	599175	25134	190 28	51 32	14 7	0 3	ND	2.824
23	6	11	1.382	2225	39 45.22N	105 54.13E	39 21N	105 50E	599109	25134	190 28	51 40	14 6	0 3	ND	2.824
24	6	11	3.606	2225	39 36.17N	105 51.97E	39 12N	105 48E	599045	25134	190 27	51 49	14 6	0 4	ND	2.824
25	6	11	5.831	2225	39 27.11N	105 49.81E	39 3N	105 46E	598981	25134	190 26	51 57	14 6	0 4	ND	2.824
26	6	11	8.052	2220	39 18.07N	105 47.67E	38 54N	105 44E	598919	25135	190 26	52 6	14 6	0 4	ND	2.830
27	6	11	10.276	2225	39 9.01N	105 45.53E	38 44N	105 41E	598858	25135	190 25	52 14	14 6	0 4	ND	2.824
28	6	11	12.496	2220	38 59.97N	105 43.39E	38 35N	105 39E	598798	25135	190 24	52 23	14 6	0 5	ND	2.830
29	6	11	14.717	2220	38 50.92N	105 41.27E	38 26N	105 37E	598740	25135	190 24	52 31	14 6	0 5	ND	2.830
30	6	11	16.941	2225	38 41.86N	105 39.15E	38 17N	105 35E	598682	25135	190 23	52 40	14 6	0 5	ND	2.824
31	6	11	19.166	2225	38 32.80N	105 37.03E	38 8N	105 33E	598626	25135	190 22	52 48	14 6	0 5	ND	2.824
32	6	11	21.387	2220	38 23.76N	105 34.93E	37 59N	105 31E	598570	25135	190 22	52 57	14 6	0 6	ND	2.830
33	6	11	23.606	2220	38 14.72N	105 32.83E	37 50N	105 29E	598516	25136	190 21	53 5	14 6	0 7	ND	2.830
34	6	11	25.826	2220	38 5.67N	105 30.74E	37 41N	105 27E	598462	25136	190 21	53 14	14 6	0 7	ND	2.830
35	6	11	28.052	2225	37 56.60N	105 28.65E	37 32N	105 25E	598410	25136	190 20	53 22	14 7	0 8	ND	2.824
36	6	11	30.271	2220	37 47.56N	105 26.57E	37 23N	105 23E	598360	25136	190 19	53 31	14 7	0 8	ND	2.830
37	6	11	32.491	2220	37 38.52N	105 24.49E	37 14N	105 21E	598310	25136	190 19	53 39	14 8	0 9	ND	2.830
38	6	11	34.717	2225	37 29.45N	105 22.42E	37 5N	105 19E	598261	25136	190 18	53 48	14 8	0 10	ND	2.824
39	6	11	36.937	2220	37 20.40N	105 20.36E	36 56N	105 17E	598214	25136	190 18	53 56	14 8	0 10	ND	2.830
40	6	11	39.156	2220	37 11.36N	105 18.30E	36 47N	105 15E	598168	25136	190 17	54 5	14 8	0 11	ND	2.830
41	6	11	41.376	2220	37 2.31N	105 16.26E	36 38N	105 13E	598122	25137	190 17	54 13	14 8	0 11	ND	2.830
42	6	11	43.602	2225	36 53.24N	105 14.21E	36 29N	105 11E	598078	25137	190 16	54 22	14 8	0 11	ND	2.824
43	6	11	45.821	2220	36 44.19N	105 12.17E	36 20N	105 9E	598035	25137	190 15	54 30	14 8	0 12	ND	2.830
44	6	11	48.041	2220	36 35.14N	105 10.14E	36 11N	105 7E	597993	25137	190 15	54 39	14 8	0 12	ND	2.830
45	6	11	50.262	2220	36 26.09N	105 8.11E	36 1N	105 5E	597953	25137	190 14	54 47	14 9	0 13	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	6	11	52.481	2220	36	17.04N	105	6.09E	35	52N	105	3E	597913	25137	190	14	54	56	14	9	0	13	ND		2.830
47	6	11	54.701	2220	36	7.99N	105	4.08E	35	43N	105	1E	597875	25137	190	13	55	4	14	9	0	14	ND		2.830
48	6	11	56.922	2220	35	58.93N	105	2.07E	35	34N	104	59E	597838	25137	190	13	55	13	14	10	0	14	ND		2.830
49	6	11	59.142	2220	35	49.88N	105	0.06E	35	25N	104	57E	597801	25137	190	12	55	21	14	10	0	15	ND		2.830
50	6	12	1.356	2215	35	40.85N	104	58.07E	35	16N	104	55E	597767	25138	190	12	55	29	14	10	0	15	ND		2.837
51	6	12	3.576	2220	35	31.80N	104	56.08E	35	7N	104	53E	597733	25138	190	11	55	38	14	10	0	15	ND		2.830
52	6	12	5.797	2220	35	22.74N	104	54.09E	34	58N	104	51E	597701	25138	190	11	55	46	14	11	0	15	ND		2.830
53	6	12	8.017	2220	35	13.69N	104	52.11E	34	49N	104	49E	597670	25138	190	10	55	55	14	11	0	16	ND		2.830
54	6	12	10.236	2220	35	4.64N	104	50.13E	34	40N	104	47E	597640	25138	190	10	56	3	14	12	0	16	ND		2.830
55	6	12	12.456	2220	34	55.58N	104	48.16E	34	31N	104	45E	597611	25138	190	9	56	12	14	13	0	16	ND		2.830
56	6	12	14.682	2225	34	46.50N	104	46.19E	34	22N	104	43E	597583	25138	190	9	56	20	14	14	0	16	ND		2.824
57	6	12	16.896	2215	34	37.47N	104	44.23E	34	13N	104	41E	597556	25138	190	8	56	28	14	13	0	17	ND		2.837
58	6	12	19.116	2220	34	28.41N	104	42.28E	34	4N	104	39E	597531	25138	190	8	56	37	14	14	0	17	ND		2.830
59	6	12	21.337	2220	34	19.35N	104	40.32E	33	55N	104	37E	597507	25138	190	7	56	45	14	14	0	17	ND		2.830
60	6	12	23.557	2220	34	10.30N	104	38.38E	33	45N	104	35E	597484	25138	190	7	56	54	14	15	0	17	ND		2.830
61	6	12	25.776	2220	34	1.24N	104	36.44E	33	36N	104	33E	597463	25138	190	6	57	2	14	15	0	17	ND		2.830
62	6	12	27.996	2220	33	52.18N	104	34.50E	33	27N	104	31E	597442	25139	190	6	57	10	14	16	0	17	ND		2.830
63	6	12	30.212	2215	33	43.14N	104	32.57E	33	18N	104	29E	597423	25139	190	5	57	19	14	16	0	17	ND		2.837
64	6	12	32.432	2220	33	34.08N	104	30.65E	33	9N	104	27E	597405	25139	190	5	57	27	14	16	0	17	ND		2.830
65	6	12	34.651	2220	33	25.02N	104	28.72E	33	0N	104	26E	597388	25139	190	5	57	35	14	17	0	16	ND		2.830
66	6	12	36.871	2220	33	15.97N	104	26.81E	32	51N	104	24E	597373	25139	190	4	57	44	14	18	0	16	ND		2.830
67	6	12	39.087	2215	33	6.92N	104	24.90E	32	42N	104	22E	597358	25139	190	4	57	52	14	19	0	16	ND		2.837
68	6	12	41.307	2220	32	57.86N	104	22.99E	32	33N	104	20E	597345	25139	190	3	58	0	14	20	0	16	ND		2.830
69	6	12	43.522	2216	32	48.82N	104	21.09E	32	24N	104	18E	597333	25139	190	3	58	9	14	20	0	15	ND		2.835
70	6	12	45.741	2219	32	39.76N	104	19.19E	32	15N	104	16E	597323	25139	190	2	58	17	14	21	0	14	ND		2.832
71	6	12	47.962	2220	32	30.70N	104	17.30E	32	6N	104	14E	597313	25139	190	2	58	25	14	21	0	14	ND		2.830
72	6	12	50.177	2215	32	21.65N	104	15.41E	31	57N	104	12E	597305	25139	190	2	58	34	14	22	0	13	ND		2.837
73	6	12	52.396	2220	32	12.59N	104	13.53E	31	48N	104	10E	597298	25139	190	1	58	42	14	22	0	11	ND		2.830
74	6	12	54.611	2215	32	3.55N	104	11.65E	31	39N	104	8E	597292	25139	190	1	58	50	14	23	0	10	ND		2.837
75	6	12	56.831	2220	31	54.49N	104	9.77E	31	29N	104	6E	597287	25139	190	0	58	59	14	24	0	9	ND		2.830
76	6	12	59.047	2215	31	45.44N	104	7.91E	31	20N	104	5E	597284	25139	190	0	59	7	14	24	0	7	ND		2.837
77	6	13	1.262	2215	31	36.39N	104	6.04E	31	11N	104	3E	597282	25139	189	59	59	15	14	25	0	5	ND		2.837
78	6	13	3.477	2215	31	27.35N	104	4.18E	31	2N	104	1E	597282	25139	189	59	59	24	14	26	0	4	ND		2.837
79	6	13	5.696	2220	31	18.29N	104	2.32E	30	53N	103	59E	597282	25139	189	59	59	32	14	26	0	2	ND		2.830
80	6	13	7.911	2215	31	9.24N	104	0.47E	30	44N	103	57E	597284	25139	189	58	59	40	14	26	0	1	ND		2.837
81	6	13	10.127	2216	31	0.19N	103	58.62E	30	35N	103	55E	597287	25139	189	58	59	48	14	27	-0	1	ND		2.835
82	6	13	12.347	2219	30	51.13N	103	56.78E	30	26N	103	53E	597291	25139	189	58	59	57	14	28	-0	1	ND		2.832
83	6	13	14.566	2220	30	42.06N	103	54.93E	30	17N	103	51E	597297	25139	189	57	60	5	14	28	-0	2	ND		2.830
84	6	13	16.781	2215	30	33.01N	103	53.10E	30	8N	103	49E	597304	25139	189	57	60	13	14	29	-0	3	ND		2.837
85	6	13	19.001	2220	30	23.95N	103	51.26E	29	59N	103	48E	597312	25139	189	56	60	21	14	29	-0	3	ND		2.830
86	6	13	21.217	2215	30	14.89N	103	49.43E	29	50N	103	46E	597322	25139	189	56	60	29	14	29	-0	3	ND		2.837
87	6	13	23.437	2220	30	5.83N	103	47.61E	29	41N	103	44E	597332	25139	189	56	60	38	14	31	-0	3	ND		2.830
88	6	13	25.656	2220	29	56.76N	103	45.78E	29	31N	103	42E	597344	25139	189	55	60	46	14	31	-0	3	ND		2.830
89	6	13	27.871	2215	29	47.71N	103	43.97E	29	22N	103	40E	597358	25139	189	55	60	54	14	32	-0	3	ND		2.837
90	6	13	30.092	2220	29	38.64N	103	42.15E	29	13N	103	39E	597372	25139	189	55	61	2	14	33	-0	3	ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG MI	DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	6	13	32.307	2215	29 29.59N	103 40.34E	29 4N	103 37E	597388	25139	189 54	61 10	14 34	-0 3	ND	2.837
92	6	13	34.526	2220	29 20.52N	103 38.53E	28 55N	103 35E	597405	25139	189 54	61 19	14 34	-0 4	ND	2.830
93	6	13	36.741	2215	29 11.47N	103 36.73E	28 46N	103 33E	597424	25139	189 54	61 27	14 35	-0 4	ND	2.837
94	6	13	38.962	2220	29 2.39N	103 34.93E	28 37N	103 31E	597444	25139	189 53	61 35	14 36	-0 5	ND	2.830
95	6	13	41.177	2215	28 53.34N	103 33.14E	28 28N	103 29E	597465	25139	189 53	61 43	14 37	-0 5	ND	2.837
96	6	13	43.396	2220	28 44.27N	103 31.34E	28 19N	103 28E	597488	25139	189 53	61 51	14 38	-0 6	ND	2.830
97	6	13	45.612	2216	28 35.22N	103 29.56E	28 10N	103 26E	597511	25139	189 52	61 59	14 39	-0 6	ND	2.835
98	6	13	47.831	2219	28 26.15N	103 27.77E	28 1N	103 24E	597536	25139	189 52	62 7	14 40	-0 7	ND	2.832
99	6	13	50.052	2220	28 17.07N	103 25.99E	27 52N	103 22E	597562	25139	189 52	62 15	14 41	-0 8	ND	2.830
100	6	13	52.267	2215	28 8.02N	103 24.21E	27 42N	103 20E	597590	25139	189 51	62 24	14 41	-0 9	ND	2.837
101	6	13	54.482	2216	27 58.97N	103 22.44E	27 33N	103 19E	597619	25139	189 51	62 32	14 42	-0 9	ND	2.835
102	6	13	56.706	2224	27 49.88N	103 20.66E	27 24N	103 17E	597650	25139	189 51	62 40	14 42	-0 10	ND	2.825
103	6	13	58.927	2220	27 40.80N	103 18.89E	27 15N	103 15E	597681	25139	189 50	62 48	14 42	-0 10	ND	2.830
104	6	14	1.142	2215	27 31.75N	103 17.13E	27 6N	103 13E	597714	25138	189 50	62 56	14 43	-0 10	ND	2.837
105	6	14	3.361	2220	27 22.67N	103 15.36E	26 57N	103 12E	597749	25138	189 50	63 4	14 43	-0 10	ND	2.830
106	6	14	5.576	2215	27 13.62N	103 13.61E	26 48N	103 10E	597784	25138	189 50	63 12	14 43	-0 10	ND	2.837
107	6	14	7.797	2220	27 4.54N	103 11.85E	26 39N	103 8E	597821	25138	189 49	63 20	14 43	-0 10	ND	2.830
108	6	14	10.017	2220	26 55.47N	103 10.10E	26 30N	103 6E	597860	25138	189 49	63 28	14 44	-0 11	ND	2.830
109	6	14	12.231	2215	26 46.41N	103 8.35E	26 21N	103 5E	597899	25138	189 49	63 36	14 44	-0 11	ND	2.837
110	6	14	14.452	2221	26 37.33N	103 6.60E	26 12N	103 3E	597940	25138	189 48	63 44	14 44	-0 11	ND	2.829
111	6	14	16.673	2220	26 28.25N	103 4.86E	26 3N	103 1E	597983	25138	189 48	63 52	14 44	-0 11	ND	2.830
112	6	14	18.892	2219	26 19.18N	103 3.12E	25 54N	102 59E	598026	25138	189 48	64 0	14 43	-0 11	ND	2.832
113	6	14	21.106	2215	26 10.12N	103 1.39E	25 44N	102 58E	598071	25138	189 48	64 8	14 43	-0 11	ND	2.837
114	6	14	23.326	2220	26 1.05N	102 59.65E	25 35N	102 56E	598117	25138	189 47	64 15	14 43	-0 11	ND	2.830
115	6	14	25.552	2225	25 51.95N	102 57.92E	25 26N	102 54E	598165	25138	189 47	64 23	14 43	-0 11	ND	2.824
116	6	14	27.767	2215	25 42.89N	102 56.19E	25 17N	102 52E	598214	25137	189 47	64 31	14 43	-0 11	ND	2.837
117	6	14	29.986	2220	25 33.81N	102 54.46E	25 8N	102 51E	598266	25137	189 47	64 39	14 43	-0 11	ND	2.830
118	6	14	32.206	2220	25 24.73N	102 52.74E	24 59N	102 49E	598317	25137	189 46	64 47	14 43	-0 11	ND	2.830
119	6	14	34.427	2220	25 15.65N	102 51.02E	24 50N	102 47E	598370	25137	189 46	64 55	14 43	-0 10	ND	2.830
120	6	14	36.642	2215	25 6.59N	102 49.31E	24 41N	102 46E	598425	25137	189 46	65 3	14 43	-0 10	ND	2.837
121	6	14	38.856	2215	24 57.54N	102 47.60E	24 32N	102 44E	598481	25137	189 45	65 11	14 43	-0 10	ND	2.837
122	6	14	41.071	2215	24 48.48N	102 45.89E	24 23N	102 42E	598538	25137	189 45	65 18	14 42	-0 10	ND	2.837
123	6	14	43.286	2215	24 39.42N	102 44.19E	24 14N	102 41E	598596	25137	189 45	65 26	14 42	-0 10	ND	2.837
124	6	14	45.507	2220	24 30.34N	102 42.48E	24 5N	102 39E	598657	25137	189 45	65 34	14 42	-0 9	ND	2.830
125	6	14	47.722	2215	24 21.28N	102 40.78E	23 56N	102 37E	598718	25136	189 44	65 42	14 42	-0 9	ND	2.837
126	6	14	49.937	2215	24 12.22N	102 39.08E	23 47N	102 36E	598781	25136	189 44	65 49	14 41	-0 8	ND	2.837
127	6	14	52.156	2220	24 3.14N	102 37.39E	23 38N	102 34E	598845	25136	189 44	65 57	14 41	-0 8	ND	2.830
128	6	14	54.371	2215	23 54.08N	102 35.70E	23 28N	102 32E	598910	25136	189 44	66 5	14 41	-0 7	ND	2.837
129	6	14	56.587	2215	23 45.01N	102 34.01E	23 19N	102 31E	598978	25136	189 44	66 12	14 40	-0 6	ND	2.837
130	6	14	58.807	2220	23 35.93N	102 32.32E	23 10N	102 29E	599046	25136	189 43	66 20	14 40	-0 6	ND	2.830
131	6	15	1.026	2220	23 26.85N	102 30.63E	23 1N	102 27E	599115	25136	189 43	66 28	14 40	-0 5	ND	2.830
132	6	15	3.241	2215	23 17.79N	102 28.95E	22 52N	102 26E	599186	25135	189 43	66 35	14 40	-0 4	ND	2.837
133	6	15	5.462	2220	23 8.71N	102 27.27E	22 43N	102 24E	599259	25135	189 43	66 43	14 39	-0 4	ND	2.830
134	6	15	7.677	2215	22 59.64N	102 25.59E	22 34N	102 22E	599333	25135	189 42	66 51	14 39	-0 3	ND	2.837
135	6	15	9.896	2220	22 50.56N	102 23.92E	22 25N	102 21E	599409	25135	189 42	66 58	14 39	-0 2	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
136	6	15	12.111	2215	22 41.50N	102 22.24E	22 16N	102 19E	599485	25135	189 42	67 6	14 38	-0 2	ND	2.837
137	6	15	14.331	2220	22 32.42N	102 20.57E	22 7N	102 17E	599562	25135	189 42	67 13	14 38	-0 1	ND	2.830
138	6	15	16.552	2220	22 23.33N	102 18.90E	21 58N	102 16E	599643	25134	189 42	67 21	14 38	0 0	ND	2.830
139	6	15	18.767	2215	22 14.27N	102 17.24E	21 49N	102 14E	599723	25134	189 41	67 28	14 37	0 1	ND	2.837
140	6	15	20.986	2220	22 5.19N	102 15.57E	21 40N	102 13E	599806	25134	189 41	67 36	14 36	0 2	ND	2.830
141	6	15	23.206	2220	21 56.10N	102 13.91E	21 31N	102 11E	599889	25134	189 41	67 43	14 36	0 2	ND	2.830
142	6	15	25.422	2215	21 47.04N	102 12.26E	21 21N	102 9E	599974	25134	189 41	67 51	14 36	0 4	ND	2.837
143	6	15	27.642	2220	21 37.95N	102 10.60E	21 12N	102 8E	600061	25134	189 41	67 58	14 36	0 4	ND	2.830
144	6	19	42.156	54515	4 16.02N	99 11.05E	3 52N	99 9E	619583	25089	189 29	77 23	13 3	0 28	ND	0.025
145	6	19	45.411	3255	4 2.70N	99 8.84E	3 39N	99 7E	619957	25088	189 29	77 24	13 3	0 27	ND	1.930
146	6	19	48.001	2590	3 52.10N	99 7.08E	3 29N	99 5E	620257	25088	189 29	77 24	13 3	0 26	ND	2.426
147	6	19	50.406	2405	3 42.26N	99 5.44E	3 19N	99 4E	620536	25087	189 29	77 24	13 3	0 25	ND	2.613
148	6	19	52.731	2325	3 32.74N	99 3.86E	3 9N	99 2E	620808	25086	189 29	77 25	13 4	0 25	ND	2.702
149	6	19	55.026	2295	3 23.35N	99 2.30E	3 0N	99 1E	621078	25086	189 29	77 24	13 5	0 25	ND	2.738
150	6	19	57.307	2280	3 14.02N	99 0.75E	2 50N	98 59E	621348	25085	189 29	77 24	13 6	0 24	ND	2.756
151	6	19	59.576	2270	3 4.73N	98 59.21E	2 41N	98 57E	621618	25084	189 29	77 24	13 7	0 24	ND	2.768
152	6	20	1.842	2265	2 55.46N	98 57.67E	2 32N	98 56E	621888	25084	189 29	77 24	13 9	0 24	ND	2.774
153	6	20	4.102	2260	2 46.22N	98 56.13E	2 22N	98 54E	622161	25083	189 29	77 23	13 10	0 24	ND	2.780
154	6	20	6.356	2255	2 36.99N	98 54.60E	2 13N	98 53E	622434	25083	189 29	77 23	13 12	0 24	ND	2.786
155	6	20	8.612	2256	2 27.76N	98 53.07E	2 4N	98 51E	622708	25082	189 29	77 22	13 15	0 24	ND	2.785
156	6	20	10.866	2254	2 18.54N	98 51.54E	1 54N	98 50E	622983	25081	189 29	77 21	13 17	0 24	ND	2.788
157	6	20	13.121	2255	2 9.31N	98 50.01E	1 45N	98 48E	623261	25081	189 29	77 20	13 20	0 24	ND	2.786
158	6	20	15.372	2251	2 0.10N	98 48.48E	1 36N	98 47E	623538	25080	189 29	77 19	13 22	0 24	ND	2.791
159	6	20	17.626	2254	1 50.88N	98 46.95E	1 26N	98 45E	623819	25079	189 29	77 18	13 25	0 24	ND	2.788
160	6	20	19.882	2255	1 41.65N	98 45.42E	1 17N	98 44E	624100	25079	189 29	77 17	13 28	0 24	ND	2.786
161	6	20	22.132	2250	1 32.45N	98 43.89E	1 8N	98 42E	624382	25078	189 29	77 16	13 30	0 24	ND	2.793
162	6	20	24.392	2260	1 23.20N	98 42.36E	0 58N	98 40E	624668	25077	189 29	77 14	13 33	0 24	ND	2.780
163	6	20	26.646	2255	1 13.98N	98 40.83E	0 49N	98 39E	624953	25077	189 29	77 13	13 36	0 24	ND	2.786
164	6	20	28.901	2255	1 4.76N	98 39.30E	0 40N	98 37E	625240	25076	189 29	77 11	13 40	0 24	ND	2.786
165	6	20	31.151	2250	0 55.55N	98 37.77E	0 30N	98 36E	625528	25075	189 29	77 9	13 44	0 24	ND	2.793
166	6	20	33.406	2255	0 46.33N	98 36.24E	0 21N	98 34E	625819	25075	189 29	77 7	13 47	0 24	ND	2.786
167	6	20	35.656	2250	0 37.12N	98 34.71E	0 12N	98 33E	626110	25074	189 29	77 5	13 50	0 24	ND	2.793
168	6	20	37.916	2260	0 27.88N	98 33.18E	0 2N	98 31E	626403	25073	189 29	77 3	13 53	0 24	ND	2.780
169	6	20	40.166	2250	0 18.68N	98 31.66E	0 7S	98 30E	626697	25073	189 29	77 1	13 56	0 24	ND	2.793
170	6	20	42.427	2260	0 9.44N	98 30.12E	0 16S	98 28E	626994	25072	189 29	76 59	14 0	0 25	ND	2.780
171	6	20	44.682	2255	0 0.21N	98 28.59E	0 26S	98 27E	627291	25071	189 29	76 56	14 4	0 25	ND	2.786
172	6	20	46.937	2255	0 9.03S	98 27.06E	0 35S	98 25E	627590	25071	189 29	76 54	14 7	0 25	ND	2.786
173	6	20	49.191	2255	0 18.24S	98 25.53E	0 44S	98 24E	627890	25070	189 29	76 51	14 10	0 26	ND	2.786
174	6	20	51.451	2260	0 27.48S	98 24.00E	0 54S	98 22E	628192	25069	189 29	76 48	14 13	0 26	ND	2.780
175	6	20	53.706	2255	0 36.70S	98 22.47E	1 3S	98 21E	628495	25069	189 29	76 45	14 18	0 26	ND	2.786
176	6	20	55.967	2260	0 45.94S	98 20.94E	1 12S	98 19E	628800	25068	189 29	76 42	14 21	0 27	ND	2.780
177	6	20	58.222	2255	0 55.16S	98 19.41E	1 22S	98 17E	629106	25067	189 29	76 39	14 25	0 28	ND	2.786
178	6	21	0.481	2260	1 4.40S	98 17.88E	1 31S	98 16E	629414	25066	189 29	76 36	14 29	0 28	ND	2.780
179	6	21	2.741	2260	1 13.64S	98 16.35E	1 40S	98 14E	629723	25066	189 29	76 33	14 33	0 29	ND	2.780

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	7	35	17.467	0	58	10.42N	89	32.81E	57	45N	89	21E	613583	25098	193	12	33	54	14	42	-0	28	ND		1.995
2	7	35	20.616	3150	57	57.78N	89	27.22E	57	32N	89	16E	613348	25099	193	9	34	7	14	42	-0	28	ND		1.995
3	7	35	23.132	2515	57	47.68N	89	22.80E	57	22N	89	12E	613162	25099	193	6	34	17	14	41	-0	27	ND		2.498
4	7	35	25.486	2355	57	38.23N	89	18.70E	57	12N	89	8E	612988	25100	193	4	34	26	14	40	-0	27	ND		2.668
5	7	35	27.776	2290	57	29.04N	89	14.73E	57	3N	89	4E	612820	25100	193	1	34	35	14	40	-0	27	ND		2.744
6	7	35	30.047	2270	57	19.92N	89	10.83E	56	54N	89	0E	612654	25100	192	59	34	44	14	40	-0	26	ND		2.768
7	7	35	32.302	2255	57	10.86N	89	6.98E	56	45N	88	56E	612489	25101	192	57	34	53	14	39	-0	25	ND		2.786
8	7	35	34.552	2250	57	1.82N	89	3.17E	56	36N	88	53E	612326	25101	192	55	35	2	14	39	-0	24	ND		2.793
9	7	35	36.791	2240	56	52.82N	88	59.40E	56	27N	88	49E	612164	25102	192	52	35	10	14	39	-0	23	ND		2.805
10	7	35	39.031	2240	56	43.82N	88	55.65E	56	18N	88	45E	612002	25102	192	50	35	19	14	39	-0	22	ND		2.805
11	7	35	41.271	2240	56	34.81N	88	51.93E	56	9N	88	42E	611841	25102	192	48	35	28	14	39	-0	19	ND		2.805
12	7	35	43.507	2235	56	25.83N	88	48.25E	56	0N	88	38E	611681	25103	192	46	35	37	14	39	-0	17	ND		2.811
13	7	35	45.741	2235	56	16.84N	88	44.59E	55	51N	88	35E	611521	25103	192	44	35	46	14	39	-0	15	ND		2.811
14	7	35	47.972	2230	56	7.87N	88	40.95E	55	42N	88	31E	611363	25104	192	42	35	54	14	39	-0	14	ND		2.818
15	7	35	50.201	2230	55	58.90N	88	37.35E	55	33N	88	28E	611206	25104	192	40	36	3	14	39	-0	12	ND		2.818
16	7	35	52.432	2230	55	49.93N	88	33.77E	55	24N	88	25E	611049	25104	192	38	36	12	14	39	-0	10	ND		2.818
17	7	35	54.661	2230	55	40.96N	88	30.21E	55	15N	88	21E	610892	25105	192	36	36	21	14	40	-0	8	ND		2.818
18	7	35	56.887	2225	55	32.00N	88	26.68E	55	6N	88	18E	610737	25105	192	34	36	29	14	40	-0	8	ND		2.824
19	7	35	59.116	2230	55	23.02N	88	23.16E	54	57N	88	14E	610582	25105	192	32	36	38	14	40	-0	6	ND		2.818
20	7	36	1.342	2225	55	14.06N	88	19.68E	54	48N	88	11E	610428	25106	192	30	36	47	14	40	-0	5	ND		2.824
21	7	36	3.571	2230	55	5.08N	88	16.21E	54	39N	88	8E	610274	25106	192	28	36	56	14	40	-0	4	ND		2.818
22	7	36	5.792	2221	54	56.14N	88	12.77E	54	30N	88	4E	610122	25107	192	26	37	5	14	41	-0	3	ND		2.829
23	7	36	8.018	2225	54	47.18N	88	9.35E	54	21N	88	1E	609970	25107	192	24	37	13	14	41	-0	2	ND		2.824
24	7	36	10.246	2229	54	38.20N	88	5.95E	54	12N	87	58E	609818	25107	192	22	37	22	14	41	-0	1	ND		2.819
25	7	36	12.472	2225	54	29.23N	88	2.57E	54	3N	87	54E	609667	25108	192	20	37	31	14	42	-0	0	ND		2.824
26	7	36	14.691	2220	54	20.28N	87	59.22E	53	54N	87	51E	609518	25108	192	18	37	40	14	42	-0	0	ND		2.830
27	7	36	16.916	2225	54	11.32N	87	55.88E	53	45N	87	48E	609369	25108	192	17	37	48	14	43	-0	0	ND		2.824
28	7	36	19.142	2225	54	2.35N	87	52.56E	53	36N	87	45E	609220	25109	192	15	37	57	14	43	-0	0	ND		2.824
29	7	36	21.366	2225	53	53.38N	87	49.26E	53	27N	87	41E	609072	25109	192	13	38	6	14	43	0	1	ND		2.824
30	7	36	23.588	2221	53	44.42N	87	45.99E	53	18N	87	38E	608925	25109	192	11	38	15	14	44	0	2	ND		2.829
31	7	36	25.812	2224	53	35.45N	87	42.73E	53	9N	87	35E	608779	25110	192	10	38	23	14	44	0	2	ND		2.825
32	7	36	28.031	2220	53	26.50N	87	39.50E	53	0N	87	32E	608633	25110	192	8	38	32	14	45	0	2	ND		2.830
33	7	36	30.251	2220	53	17.54N	87	36.29E	52	52N	87	29E	608489	25111	192	6	38	41	14	45	0	3	ND		2.830
34	7	36	32.472	2220	53	8.58N	87	33.09E	52	43N	87	26E	608345	25111	192	4	38	50	14	46	0	3	ND		2.830
35	7	36	34.691	2220	52	59.62N	87	29.91E	52	34N	87	23E	608201	25111	192	3	38	58	14	46	0	3	ND		2.830
36	7	36	36.911	2220	52	50.66N	87	26.75E	52	25N	87	19E	608059	25112	192	1	39	7	14	47	0	4	ND		2.830
37	7	36	39.132	2220	52	41.70N	87	23.61E	52	16N	87	16E	607917	25112	192	0	39	16	14	48	0	4	ND		2.830
38	7	36	41.352	2220	52	32.74N	87	20.48E	52	7N	87	13E	607776	25112	191	58	39	25	14	49	0	4	ND		2.830
39	7	36	43.567	2216	52	23.79N	87	17.38E	51	58N	87	10E	607636	25113	191	56	39	33	14	49	0	4	ND		2.835
40	7	36	45.786	2219	52	14.83N	87	14.29E	51	49N	87	7E	607497	25113	191	55	39	42	14	50	0	4	ND		2.832
41	7	36	48.007	2220	52	5.86N	87	11.22E	51	40N	87	4E	607357	25113	191	53	39	51	14	51	0	4	ND		2.830
42	7	36	50.222	2215	51	56.92N	87	8.17E	51	31N	87	1E	607220	25114	191	52	39	59	14	51	0	4	ND		2.837
43	7	36	52.437	2215	51	47.97N	87	5.14E	51	22N	86	58E	607083	25114	191	50	40	8	14	52	0	4	ND		2.837
44	7	36	54.661	2225	51	38.98N	87	2.11E	51	13N	86	55E	606946	25114	191	49	40	17	14	52	0	4	ND		2.824
45	7	36	56.877	2216	51	30.03N	86	59.11E	51	4N	86	52E	606810	25115	191	47	40	26	14	53	0	4	ND		2.835

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	7	36	59.097	2219	51	21.06N	86	56.11E	50	55N	86	49E	606676	25115	191	46	40	34	14	54	0	4	ND		2.832
47	7	37	1.316	2220	51	12.09N	86	53.14E	50	46N	86	46E	606541	25115	191	44	40	43	14	55	0	4	ND		2.830
48	7	37	3.541	2225	51	3.09N	86	50.17E	50	37N	86	43E	606408	25116	191	43	40	52	14	56	0	4	ND		2.824
49	7	37	5.757	2215	50	54.13N	86	47.23E	50	28N	86	40E	606275	25116	191	41	41	1	14	56	0	4	ND		2.837
50	7	37	7.977	2220	50	45.16N	86	44.30E	50	19N	86	38E	606143	25116	191	40	41	9	14	57	0	4	ND		2.830
51	7	37	10.201	2225	50	36.16N	86	41.38E	50	10N	86	35E	606012	25117	191	39	41	18	14	58	0	4	ND		2.824
52	7	38	15.746	65545	46	10.65N	85	21.37E	45	45N	85	14E	602515	25125	191	3	45	34	14	45	-0	34	ND		0.096
53	7	38	18.861	3115	45	58.01N	85	17.83E	45	32N	85	11E	602368	25126	191	2	45	47	14	48	-0	35	ND		2.017
54	7	38	21.347	2485	45	47.92N	85	15.02E	45	22N	85	8E	602252	25126	191	1	45	56	14	51	-0	35	ND		2.528
55	7	38	23.682	2335	45	38.45N	85	12.39E	45	13N	85	5E	602144	25126	191	0	46	6	14	54	-0	34	ND		2.691
56	7	38	25.957	2276	45	29.21N	85	9.83E	45	3N	85	3E	602040	25126	190	59	46	14	14	56	-0	33	ND		2.761
57	7	38	28.217	2259	45	20.04N	85	7.31E	44	54N	85	0E	601937	25127	190	58	46	23	14	58	-0	31	ND		2.781
58	7	38	30.461	2245	45	10.93N	85	4.81E	44	45N	84	58E	601836	25127	190	57	46	32	14	59	-0	29	ND		2.799
59	7	38	32.701	2240	45	1.84N	85	2.33E	44	36N	84	56E	601736	25127	190	56	46	41	15	0	-0	24	ND		2.805
60	7	38	34.932	2230	44	52.78N	84	59.87E	44	27N	84	53E	601638	25127	190	55	46	49	15	1	-0	21	ND		2.818
61	7	38	37.166	2235	44	43.71N	84	57.42E	44	17N	84	51E	601540	25128	190	54	46	58	15	1	-0	19	ND		2.811
62	7	38	39.396	2230	44	34.65N	84	54.97E	44	8N	84	49E	601444	25128	190	53	47	7	15	2	-0	17	ND		2.818
63	7	38	41.621	2225	44	25.62N	84	52.55E	43	59N	84	46E	601348	25128	190	52	47	15	15	2	-0	15	ND		2.824
64	7	38	43.852	2230	44	16.56N	84	50.13E	43	50N	84	44E	601254	25128	190	51	47	24	15	2	-0	14	ND		2.818
65	7	38	46.076	2225	44	7.52N	84	47.72E	43	41N	84	42E	601160	25129	190	50	47	33	15	1	-0	13	ND		2.824
66	7	38	48.297	2220	43	58.50N	84	45.33E	43	32N	84	39E	601068	25129	190	49	47	41	15	0	-0	13	ND		2.830
67	7	38	50.521	2225	43	49.46N	84	42.94E	43	23N	84	37E	600977	25129	190	48	47	50	14	60	-0	12	ND		2.824
68	7	38	52.746	2225	43	40.43N	84	40.56E	43	14N	84	35E	600886	25129	190	48	47	58	14	59	-0	11	ND		2.824
69	7	38	54.967	2220	43	31.40N	84	38.20E	43	5N	84	33E	600797	25129	190	47	48	7	14	58	-0	11	ND		2.830
70	7	38	57.187	2220	43	22.38N	84	35.84E	42	56N	84	30E	600709	25130	190	46	48	16	14	56	-0	11	ND		2.830
71	7	38	59.407	2221	43	13.36N	84	33.49E	42	47N	84	28E	600621	25130	190	45	48	24	14	55	-0	11	ND		2.829
72	7	39	1.632	2224	43	4.32N	84	31.15E	42	38N	84	26E	600536	25130	190	44	48	33	14	54	-0	11	ND		2.825
73	7	39	3.847	2215	42	55.31N	84	28.83E	42	29N	84	23E	600450	25130	190	43	48	41	14	53	-0	11	ND		2.837
74	7	39	6.071	2225	42	46.27N	84	26.50E	42	20N	84	21E	600365	25131	190	42	48	50	14	53	-0	11	ND		2.824
75	7	39	8.291	2220	42	37.25N	84	24.19E	42	11N	84	19E	600283	25131	190	42	48	59	14	53	-0	12	ND		2.830
76	7	39	10.517	2225	42	28.20N	84	21.88E	42	2N	84	16E	600200	25131	190	41	49	7	14	53	-0	12	ND		2.824
77	7	39	12.731	2215	42	19.19N	84	19.59E	41	53N	84	14E	600119	25131	190	40	49	16	14	53	-0	12	ND		2.837
78	7	39	14.951	2220	42	10.17N	84	17.30E	41	44N	84	12E	600038	25131	190	39	49	24	14	52	-0	13	ND		2.830
79	7	39	17.172	2220	42	1.14N	84	15.03E	41	35N	84	10E	599959	25132	190	39	49	33	14	52	-0	13	ND		2.830
80	7	39	19.392	2220	41	52.11N	84	12.75E	41	26N	84	7E	599881	25132	190	38	49	41	14	51	-0	14	ND		2.830
81	7	39	21.611	2220	41	43.08N	84	10.49E	41	17N	84	5E	599804	25132	190	37	49	50	14	50	-0	14	ND		2.830
82	7	39	23.826	2215	41	34.07N	84	8.24E	41	8N	84	3E	599728	25132	190	36	49	59	14	48	-0	14	ND		2.837
83	7	39	26.047	2220	41	25.04N	84	5.99E	40	59N	84	1E	599653	25132	190	35	50	7	14	46	-0	14	ND		2.830
84	7	39	28.267	2220	41	16.01N	84	3.76E	40	50N	83	58E	599578	25133	190	35	50	16	14	44	-0	14	ND		2.830
85	7	39	30.481	2215	41	7.00N	84	1.53E	40	41N	83	56E	599505	25133	190	34	50	24	14	42	-0	14	ND		2.837
86	7	39	32.696	2215	40	57.99N	83	59.31E	40	32N	83	54E	599433	25133	190	33	50	33	14	40	-0	14	ND		2.837
87	7	39	34.916	2220	40	48.96N	83	57.09E	40	23N	83	52E	599363	25133	190	33	50	41	14	38	-0	14	ND		2.830
88	7	39	37.137	2220	40	39.92N	83	54.88E	40	15N	83	50E	599292	25133	190	32	50	50	14	36	-0	14	ND		2.830
89	7	39	39.352	2215	40	30.91N	83	52.69E	40	6N	83	48E	599224	25133	190	31	50	58	14	33	-0	14	ND		2.837
90	7	39	41.566	2215	40	21.89N	83	50.50E	39	57N	83	45E	599157	25134	190	30	51	6	14	30	-0	14	ND		2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	7	39	43.786	2220	40	12.86N	83	48.31E	39	48N	83	43E	599089	25134	190	30	51	15	14	28	-0	14	ND		2.830
92	7	39	46.001	2215	40	3.84N	83	46.14E	39	39N	83	41E	599024	25134	190	29	51	23	14	24	-0	13	ND		2.837
93	7	39	48.222	2220	39	54.80N	83	43.96E	39	30N	83	39E	598959	25134	190	28	51	32	14	21	-0	13	ND		2.830
94	7	39	50.437	2215	39	45.79N	83	41.80E	39	21N	83	37E	598896	25134	190	28	51	40	14	18	-0	13	ND		2.837
95	7	39	52.651	2215	39	36.77N	83	39.65E	39	12N	83	35E	598834	25134	190	27	51	49	14	15	-0	12	ND		2.837
96	7	39	54.871	2220	39	27.73N	83	37.50E	39	3N	83	33E	598772	25135	190	26	51	57	14	12	-0	12	ND		2.830
97	7	39	57.086	2215	39	18.71N	83	35.36E	38	54N	83	31E	598712	25135	190	26	52	5	14	8	-0	12	ND		2.837
98	7	39	59.303	2216	39	9.69N	83	33.22E	38	45N	83	29E	598653	25135	190	25	52	14	14	5	-0	11	ND		2.835
99	7	40	1.521	2219	39	0.65N	83	31.09E	38	36N	83	26E	598595	25135	190	24	52	22	14	1	-0	11	ND		2.832
100	7	40	3.736	2215	38	51.63N	83	28.97E	38	27N	83	24E	598538	25135	190	24	52	31	13	58	-0	11	ND		2.837
101	7	40	5.947	2211	38	42.63N	83	26.86E	38	18N	83	22E	598482	25135	190	23	52	39	13	55	-0	11	ND		2.842
102	7	40	8.166	2219	38	33.59N	83	24.75E	38	10N	83	20E	598428	25135	190	22	52	48	13	51	-0	11	ND		2.832
103	7	40	10.382	2215	38	24.56N	83	22.65E	38	1N	83	18E	598374	25136	190	22	52	56	13	47	-0	11	ND		2.837
104	7	40	12.597	2215	38	15.54N	83	20.56E	37	52N	83	16E	598321	25136	190	21	53	4	13	43	-0	10	ND		2.837
105	7	40	14.812	2215	38	6.52N	83	18.47E	37	43N	83	14E	598270	25136	190	21	53	13	13	40	-0	10	ND		2.837
106	7	40	17.026	2215	37	57.49N	83	16.39E	37	34N	83	12E	598220	25136	190	20	53	21	13	36	-0	10	ND		2.837
107	7	40	19.241	2215	37	48.47N	83	14.31E	37	25N	83	10E	598171	25136	190	19	53	29	13	32	-0	10	ND		2.837
108	7	40	21.456	2215	37	39.45N	83	12.25E	37	16N	83	8E	598122	25136	190	19	53	38	13	28	-0	10	ND		2.837
109	7	40	23.672	2215	37	30.42N	83	10.18E	37	7N	83	6E	598076	25136	190	18	53	46	13	24	-0	10	ND		2.837
110	7	40	25.887	2215	37	21.39N	83	8.12E	36	58N	83	4E	598030	25137	190	18	53	54	13	20	-0	10	ND		2.837
111	7	40	28.097	2210	37	12.38N	83	6.08E	36	49N	83	2E	597985	25137	190	17	54	3	13	17	-0	10	ND		2.843
112	7	40	30.312	2215	37	3.36N	83	4.03E	36	40N	83	0E	597941	25137	190	17	54	11	13	15	-0	10	ND		2.837
113	7	40	32.526	2215	36	54.33N	83	1.99E	36	31N	82	58E	597899	25137	190	16	54	20	13	13	-0	10	ND		2.837
114	7	40	34.737	2211	36	45.32N	82	59.96E	36	22N	82	56E	597858	25137	190	15	54	28	13	11	-0	10	ND		2.842
115	7	40	36.951	2214	36	36.29N	82	57.94E	36	13N	82	54E	597818	25137	190	15	54	36	13	11	-0	10	ND		2.838
116	7	40	39.166	2215	36	27.26N	82	55.92E	36	4N	82	52E	597779	25137	190	14	54	45	13	11	-0	10	ND		2.837
117	7	40	41.382	2215	36	18.23N	82	53.90E	35	55N	82	50E	597742	25137	190	14	54	53	13	11	-0	10	ND		2.837
118	7	40	43.598	2216	36	9.20N	82	51.89E	35	46N	82	48E	597704	25137	190	13	55	2	13	11	-0	10	ND		2.835
119	7	40	45.812	2214	36	0.17N	82	49.88E	35	37N	82	46E	597669	25137	190	13	55	10	13	12	-0	10	ND		2.838
120	7	40	48.027	2216	35	51.14N	82	47.88E	35	28N	82	44E	597635	25138	190	12	55	19	13	13	-0	10	ND		2.835
121	7	40	50.241	2214	35	42.11N	82	45.89E	35	19N	82	42E	597601	25138	190	12	55	27	13	14	-0	10	ND		2.838
122	7	40	52.456	2215	35	33.08N	82	43.90E	35	10N	82	40E	597569	25138	190	11	55	35	13	15	-0	10	ND		2.837
123	7	40	54.672	2215	35	24.04N	82	41.92E	35	1N	82	38E	597539	25138	190	11	55	44	13	17	-0	10	ND		2.837
124	7	40	56.887	2215	35	15.01N	82	39.94E	34	52N	82	36E	597509	25138	190	10	55	52	13	19	-0	10	ND		2.837
125	7	40	59.102	2215	35	5.97N	82	37.97E	34	43N	82	34E	597480	25138	190	10	56	1	13	21	-0	10	ND		2.837
126	7	41	1.316	2215	34	56.94N	82	36.00E	34	34N	82	32E	597453	25138	190	9	56	9	13	23	-0	10	ND		2.837
127	7	41	3.536	2220	34	47.88N	82	34.03E	34	25N	82	30E	597427	25138	190	9	56	18	13	26	-0	10	ND		2.830
128	7	41	5.747	2211	34	38.87N	82	32.08E	34	16N	82	28E	597402	25138	190	8	56	26	13	29	-0	10	ND		2.842
129	7	41	7.967	2219	34	29.81N	82	30.12E	34	6N	82	26E	597378	25138	190	8	56	35	13	31	-0	10	ND		2.832
130	7	41	10.182	2215	34	20.77N	82	28.17E	33	57N	82	24E	597356	25138	190	7	56	43	13	34	-0	10	ND		2.837
131	7	41	12.401	2220	34	11.72N	82	26.23E	33	48N	82	22E	597335	25138	190	7	56	52	13	37	-0	10	ND		2.830
132	7	41	14.611	2210	34	2.70N	82	24.29E	33	39N	82	20E	597315	25139	190	6	57	0	13	40	-0	10	ND		2.843
133	7	41	16.826	2215	33	53.66N	82	22.36E	33	30N	82	18E	597295	25139	190	6	57	8	13	43	-0	10	ND		2.837
134	7	41	19.041	2215	33	44.63N	82	20.43E	33	21N	82	16E	597278	25139	190	5	57	17	13	46	-0	10	ND		2.837
135	7	41	21.257	2215	33	35.58N	82	18.51E	33	12N	82	15E	597261	25139	190	5	57	25	13	49	-0	10	ND		2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	7	41	23.472	2215	33	26.54N	82	16.59E	33	3N	82	13E	597246	25139	190	5	57	34	13	52	-0	10	ND		2.837
137	7	41	25.687	2215	33	17.51N	82	14.68E	32	53N	82	11E	597232	25139	190	4	57	42	13	56	-0	10	ND		2.837
138	7	41	27.896	2210	33	8.49N	82	12.77E	32	44N	82	9E	597219	25139	190	4	57	50	13	59	-0	10	ND		2.843
139	7	41	30.111	2215	32	59.45N	82	10.87E	32	35N	82	7E	597207	25139	190	3	57	59	14	2	-0	10	ND		2.837
140	7	41	32.331	2220	32	50.39N	82	8.97E	32	26N	82	5E	597197	25139	190	3	58	7	14	4	-0	10	ND		2.830
141	7	41	34.541	2210	32	41.36N	82	7.07E	32	17N	82	3E	597188	25139	190	2	58	16	14	7	-0	10	ND		2.843
142	7	41	36.757	2215	32	32.32N	82	5.18E	32	8N	82	1E	597180	25139	190	2	58	24	14	9	-0	10	ND		2.837
143	7	41	38.972	2215	32	23.28N	82	3.30E	31	59N	81	59E	597173	25139	190	2	58	32	14	11	-0	10	ND		2.837
144	7	41	41.187	2215	32	14.24N	82	1.41E	31	50N	81	57E	597167	25139	190	1	58	41	14	13	-0	10	ND		2.837
145	7	41	43.401	2215	32	5.19N	81	59.54E	31	40N	81	56E	597163	25139	190	1	58	49	14	15	-0	10	ND		2.837
146	7	41	45.616	2215	31	56.15N	81	57.66E	31	31N	81	54E	597160	25139	190	0	58	57	14	16	-0	10	ND		2.837
147	7	41	47.836	2220	31	47.09N	81	55.79E	31	22N	81	52E	597159	25139	190	0	59	6	14	19	-0	10	ND		2.830
148	7	41	50.052	2215	31	38.04N	81	53.93E	31	13N	81	50E	597157	25139	190	0	59	14	14	20	-0	10	ND		2.837
149	7	41	52.263	2211	31	29.01N	81	52.07E	31	4N	81	48E	597159	25139	189	59	59	22	14	21	-0	10	ND		2.842
150	7	41	54.477	2214	31	19.97N	81	50.21E	30	55N	81	46E	597161	25139	189	59	59	30	14	23	-0	10	ND		2.838
151	7	41	56.692	2216	31	10.92N	81	48.36E	30	46N	81	44E	597164	25139	189	58	59	39	14	25	-0	10	ND		2.835
152	7	41	58.911	2219	31	1.86N	81	46.51E	30	37N	81	43E	597168	25139	189	58	59	47	14	26	-0	11	ND		2.832
153	7	42	1.126	2215	30	52.81N	81	44.67E	30	28N	81	41E	597174	25139	189	58	59	55	14	27	-0	11	ND		2.837
154	7	42	3.342	2215	30	43.76N	81	42.83E	30	19N	81	39E	597181	25139	189	57	60	3	14	29	-0	11	ND		2.837
155	7	42	5.557	2215	30	34.72N	81	40.99E	30	10N	81	37E	597189	25139	189	57	60	12	14	30	-0	11	ND		2.837
156	7	42	7.772	2216	30	25.67N	81	39.16E	30	0N	81	35E	597199	25139	189	56	60	20	14	32	-0	12	ND		2.835
157	7	42	9.986	2214	30	16.62N	81	37.33E	29	51N	81	33E	597210	25139	189	56	60	28	14	33	-0	12	ND		2.838
158	7	42	12.206	2220	30	7.56N	81	35.50E	29	42N	81	32E	597222	25139	189	56	60	36	14	34	-0	13	ND		2.830
159	7	42	14.422	2215	29	58.50N	81	33.68E	29	33N	81	30E	597235	25139	189	55	60	45	14	35	-0	14	ND		2.837
160	7	42	16.632	2210	29	49.48N	81	31.87E	29	24N	81	28E	597250	25139	189	55	60	53	14	36	-0	14	ND		2.843
161	7	42	18.852	2220	29	40.41N	81	30.05E	29	15N	81	26E	597266	25139	189	55	61	1	14	37	-0	14	ND		2.830
162	7	42	21.063	2211	29	31.37N	81	28.25E	29	6N	81	24E	597283	25139	189	54	61	9	14	39	-0	15	ND		2.842
163	7	42	23.281	2219	29	22.31N	81	26.44E	28	57N	81	22E	597302	25139	189	54	61	17	14	40	-0	16	ND		2.832
164	7	42	25.498	2217	29	13.25N	81	24.64E	28	48N	81	21E	597321	25139	189	54	61	26	14	41	-0	17	ND		2.834
165	7	42	27.713	2214	29	4.20N	81	22.84E	28	39N	81	19E	597343	25139	189	53	61	34	14	42	-0	17	ND		2.838
166	7	42	29.927	2214	28	55.15N	81	21.04E	28	30N	81	17E	597365	25139	189	53	61	42	14	44	-0	18	ND		2.838
167	7	42	32.142	2215	28	46.10N	81	19.25E	28	20N	81	15E	597389	25139	189	53	61	50	14	45	-0	18	ND		2.837
168	7	42	34.361	2220	28	37.03N	81	17.46E	28	11N	81	13E	597414	25139	189	52	61	58	14	46	-0	19	ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	8	59	29.160	0	76	13.08N	84	2.92E	75	49N	83	9E	636964	25042	206	40	15	36	14	34	-0	32	ND		1.898
2	8	59	32.471	3310	76	0.93N	83	37.69E	75	37N	82	46E	636655	25043	206	17	15	49	14	33	-0	33	ND		1.898
3	8	59	35.085	2615	75	51.30N	83	18.25E	75	27N	82	27E	636411	25044	206	0	15	59	14	32	-0	34	ND		2.403
4	8	59	37.507	2421	75	42.36N	83	0.61E	75	18N	82	10E	636185	25044	205	44	16	9	14	32	-0	35	ND		2.595
5	8	59	39.851	2344	75	33.68N	82	43.87E	75	9N	81	55E	635966	25045	205	29	16	18	14	31	-0	36	ND		2.681
6	8	59	42.146	2295	75	25.18N	82	27.78E	75	1N	81	39E	635753	25045	205	14	16	27	14	30	-0	37	ND		2.738
7	8	59	44.426	2280	75	16.70N	82	12.08E	74	52N	81	24E	635541	25046	205	0	16	36	14	29	-0	38	ND		2.756
8	8	59	46.696	2271	75	8.25N	81	56.73E	74	44N	81	10E	635330	25046	204	47	16	45	14	29	-0	39	ND		2.767
9	8	59	48.960	2264	74	59.81N	81	41.69E	74	36N	80	56E	635120	25047	204	33	16	54	14	28	-0	40	ND		2.775
10	8	59	51.222	2261	74	51.36N	81	26.93E	74	27N	80	42E	634909	25047	204	20	17	3	14	28	-0	40	ND		2.779
11	8	59	53.480	2259	74	42.91N	81	12.44E	74	19N	80	28E	634700	25048	204	7	17	12	14	27	-0	41	ND		2.781
12	8	59	55.730	2250	74	34.47N	80	58.26E	74	10N	80	14E	634491	25048	203	54	17	21	14	26	-0	42	ND		2.793
13	8	59	57.985	2255	74	26.00N	80	44.29E	74	2N	80	1E	634282	25049	203	42	17	30	14	26	-0	42	ND		2.786
14	9	0	0.235	2250	74	17.54N	80	30.58E	73	53N	79	48E	634074	25049	203	30	17	39	14	25	-0	42	ND		2.793
15	9	0	2.477	2241	74	9.10N	80	17.15E	73	45N	79	35E	633867	25050	203	18	17	48	14	25	-0	42	ND		2.804
16	9	0	4.726	2249	74	0.61N	80	3.89E	73	36N	79	23E	633659	25050	203	6	17	57	14	24	-0	42	ND		2.794
17	9	0	6.966	2240	73	52.15N	79	50.90E	73	28N	79	11E	633453	25051	202	55	18	6	14	24	-0	42	ND		2.805
18	9	0	9.210	2245	73	43.66N	79	38.10E	73	19N	78	58E	633246	25051	202	44	18	15	14	24	-0	42	ND		2.799
19	9	0	11.450	2240	73	35.17N	79	25.53E	73	11N	78	46E	633039	25052	202	33	18	23	14	24	-0	42	ND		2.805
20	9	0	13.695	2245	73	26.65N	79	13.13E	73	2N	78	35E	632833	25052	202	22	18	32	14	23	-0	42	ND		2.799
21	9	0	15.936	2240	73	18.14N	79	0.95E	72	54N	78	23E	632627	25053	202	11	18	41	14	22	-0	42	ND		2.805
22	9	0	18.181	2245	73	9.60N	78	48.94E	72	45N	78	12E	632421	25053	202	1	18	50	14	22	-0	42	ND		2.799
23	9	0	20.416	2236	73	1.09N	78	37.16E	72	37N	78	1E	632216	25054	201	51	18	59	14	21	-0	41	ND		2.810
24	9	0	22.660	2244	72	52.53N	78	25.52E	72	28N	77	50E	632010	25054	201	41	19	8	14	21	-0	41	ND		2.800
25	9	0	24.896	2235	72	44.00N	78	14.10E	72	19N	77	39E	631805	25055	201	31	19	17	14	21	-0	40	ND		2.811
26	9	0	27.136	2240	72	35.44N	78	2.83E	72	11N	77	28E	631601	25055	201	21	19	26	14	21	-0	39	ND		2.805
27	9	0	29.375	2240	72	26.87N	77	51.73E	72	2N	77	18E	631396	25056	201	12	19	34	14	21	-0	39	ND		2.805
28	9	0	31.610	2235	72	18.31N	77	40.81E	71	54N	77	7E	631192	25056	201	2	19	43	14	20	-0	38	ND		2.811
29	9	0	33.851	2240	72	9.72N	77	30.03E	71	45N	76	57E	630988	25056	200	53	19	52	14	20	-0	37	ND		2.805
30	9	0	36.085	2235	72	1.14N	77	19.44E	71	36N	76	47E	630785	25057	200	44	20	1	14	20	-0	37	ND		2.811
31	9	0	38.325	2240	71	52.53N	77	8.97E	71	28N	76	37E	630581	25057	200	35	20	10	14	19	-0	36	ND		2.805
32	9	0	40.561	2235	71	43.93N	76	58.67E	71	19N	76	27E	630379	25058	200	27	20	19	14	19	-0	36	ND		2.811
33	9	0	42.795	2235	71	35.33N	76	48.53E	71	11N	76	18E	630175	25058	200	18	20	28	14	19	-0	35	ND		2.811
34	9	0	45.030	2235	71	26.72N	76	38.52E	71	2N	76	8E	629974	25059	200	10	20	36	14	19	-0	34	ND		2.811
35	9	0	47.266	2235	71	18.09N	76	28.65E	70	53N	75	59E	629772	25059	200	1	20	45	14	19	-0	33	ND		2.811
36	9	0	49.500	2235	71	9.47N	76	18.93E	70	45N	75	50E	629569	25060	199	53	20	54	14	19	-0	32	ND		2.811
37	9	0	51.730	2230	71	0.85N	76	9.35E	70	36N	75	41E	629368	25060	199	45	21	3	14	19	-0	31	ND		2.818
38	9	0	53.966	2235	70	52.20N	75	59.89E	70	27N	75	32E	629167	25061	199	37	21	12	14	19	-0	31	ND		2.811
39	9	0	56.200	2235	70	43.55N	75	50.55E	70	19N	75	23E	628966	25061	199	29	21	21	14	19	-0	30	ND		2.811
40	9	0	58.436	2235	70	34.90N	75	41.34E	70	10N	75	14E	628764	25062	199	22	21	29	14	19	-0	29	ND		2.811
41	9	1	0.665	2230	70	26.25N	75	32.27E	70	1N	75	5E	628564	25062	199	14	21	38	14	18	-0	29	ND		2.818
42	9	1	2.900	2235	70	17.58N	75	23.30E	69	53N	74	57E	628364	25063	199	7	21	47	14	18	-0	28	ND		2.811
43	9	1	5.136	2235	70	8.90N	75	14.45E	69	44N	74	48E	628164	25063	199	0	21	56	14	18	-0	28	ND		2.811
44	9	1	7.370	2235	70	0.21N	75	5.71E	69	35N	74	40E	627964	25064	198	53	22	5	14	18	-0	28	ND		2.811
45	9	1	9.601	2230	69	51.54N	74	57.11E	69	27N	74	32E	627765	25064	198	45	22	14	14	18	-0	27	ND		2.818

Approved for Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	9	1	11.830	2230	69 42.86N	74 48.61E	69 18N	74 24E	627566	25065	198 39	22 23	14 19	-0 27	ND	2.818
47	9	1	14.062	2231	69 34.17N	74 40.22E	69 9N	74 16E	627368	25065	198 32	22 31	14 19	-0 26	ND	2.816
48	9	1	16.295	2234	69 25.47N	74 31.92E	69 1N	74 8E	627169	25066	198 25	22 40	14 19	-0 26	ND	2.813
49	9	1	18.525	2230	69 16.77N	74 23.74E	68 52N	74 0E	626971	25066	198 18	22 49	14 19	-0 25	ND	2.818
50	9	1	20.757	2231	69 8.06N	74 15.66E	68 43N	73 52E	626774	25066	198 12	22 58	14 19	-0 25	ND	2.816
51	9	1	22.990	2234	68 59.34N	74 7.67E	68 34N	73 44E	626575	25067	198 5	23 7	14 18	-0 25	ND	2.813
52	9	1	25.221	2230	68 50.62N	73 59.78E	68 26N	73 37E	626379	25067	197 59	23 16	14 18	-0 25	ND	2.818
53	9	1	27.450	2230	68 41.90N	73 52.00E	68 17N	73 29E	626182	25068	197 53	23 24	14 19	-0 25	ND	2.818
54	9	1	29.681	2230	68 33.18N	73 44.30E	68 8N	73 22E	625986	25068	197 47	23 33	14 19	-0 25	ND	2.818
55	9	1	31.910	2230	68 24.45N	73 36.70E	67 59N	73 15E	625790	25069	197 41	23 42	14 19	-0 25	ND	2.818
56	9	1	34.141	2230	68 15.71N	73 29.19E	67 51N	73 7E	625594	25069	197 35	23 51	14 19	-0 24	ND	2.818
57	9	1	36.370	2230	68 6.97N	73 21.77E	67 42N	73 0E	625399	25070	197 29	24 0	14 19	-0 24	ND	2.818
58	9	1	38.601	2230	67 58.23N	73 14.43E	67 33N	72 53E	625204	25070	197 23	24 9	14 19	-0 24	ND	2.818
59	9	1	40.825	2225	67 49.50N	73 7.19E	67 24N	72 46E	625009	25071	197 18	24 17	14 19	-0 24	ND	2.824
60	9	1	43.061	2235	67 40.72N	73 0.00E	67 16N	72 39E	624814	25071	197 12	24 26	14 19	-0 24	ND	2.811
61	9	1	45.285	2225	67 31.98N	72 52.93E	67 7N	72 32E	624620	25072	197 6	24 35	14 18	-0 25	ND	2.824
62	9	1	47.516	2230	67 23.22N	72 45.92E	66 58N	72 26E	624427	25072	197 1	24 44	14 18	-0 25	ND	2.818
63	9	1	49.740	2225	67 14.47N	72 39.00E	66 49N	72 19E	624233	25072	196 56	24 53	14 18	-0 25	ND	2.824
64	9	1	51.966	2225	67 5.71N	72 32.16E	66 41N	72 12E	624041	25073	196 50	25 2	14 18	-0 25	ND	2.824
65	9	1	54.190	2225	66 56.96N	72 25.40E	66 32N	72 6E	623849	25073	196 45	25 10	14 18	-0 25	ND	2.824
66	9	1	56.415	2225	66 48.19N	72 18.71E	66 23N	71 59E	623658	25074	196 40	25 19	14 18	-0 25	ND	2.824
67	9	3	57.391	20975	58 46.90N	67 36.89E	58 21N	67 27E	613867	25097	193 23	33 18	14 27	-0 5	ND	0.052
68	9	4	0.545	3155	58 34.26N	67 31.13E	58 9N	67 21E	613631	25098	193 19	33 30	14 29	-0 5	ND	1.992
69	9	4	3.045	2500	58 24.23N	67 26.61E	57 59N	67 16E	613445	25098	193 16	33 40	14 31	-0 6	ND	2.513
70	9	4	5.386	2340	58 14.84N	67 22.40E	57 49N	67 12E	613271	25099	193 14	33 49	14 32	-0 6	ND	2.685
71	9	4	7.670	2285	58 5.68N	67 18.33E	57 40N	67 8E	613103	25099	193 11	33 59	14 33	-0 7	ND	2.750
72	9	4	9.931	2260	57 56.61N	67 14.33E	57 31N	67 4E	612937	25099	193 9	34 7	14 35	-0 8	ND	2.780
73	9	4	12.181	2250	57 47.58N	67 10.38E	57 22N	67 0E	612772	25100	193 6	34 16	14 36	-0 8	ND	2.793
74	9	4	14.420	2240	57 38.59N	67 6.48E	57 13N	66 56E	612608	25100	193 4	34 25	14 37	-0 8	ND	2.805
75	9	4	16.655	2235	57 29.61N	67 2.61E	57 4N	66 53E	612446	25101	193 2	34 34	14 38	-0 8	ND	2.811
76	9	4	18.891	2235	57 20.63N	66 58.76E	56 55N	66 49E	612284	25101	192 59	34 43	14 40	-0 8	ND	2.811
77	9	4	21.125	2235	57 11.66N	66 54.95E	56 46N	66 45E	612122	25101	192 57	34 52	14 41	-0 8	ND	2.811
78	9	4	23.355	2230	57 2.70N	66 51.16E	56 37N	66 41E	611962	25102	192 55	35 1	14 42	-0 7	ND	2.818
79	9	4	25.585	2230	56 53.74N	66 47.41E	56 28N	66 38E	611803	25102	192 53	35 9	14 43	-0 7	ND	2.818
80	9	4	27.812	2226	56 44.79N	66 43.68E	56 19N	66 34E	611644	25103	192 50	35 18	14 43	-0 7	ND	2.823
81	9	4	30.040	2229	56 35.83N	66 39.98E	56 10N	66 31E	611485	25103	192 48	35 27	14 43	-0 7	ND	2.819
82	9	4	32.271	2230	56 26.86N	66 36.30E	56 1N	66 27E	611328	25103	192 46	35 36	14 44	-0 6	ND	2.818
83	9	4	34.495	2225	56 17.92N	66 32.65E	55 52N	66 23E	611171	25104	192 44	35 45	14 45	-0 6	ND	2.824
84	9	4	36.721	2225	56 8.97N	66 29.02E	55 43N	66 20E	611015	25104	192 42	35 53	14 46	-0 6	ND	2.824
85	9	4	38.940	2220	56 0.04N	66 25.43E	55 34N	66 16E	610859	25104	192 40	36 2	14 46	-0 5	ND	2.830
86	9	4	41.165	2225	55 51.09N	66 21.85E	55 25N	66 13E	610704	25105	192 38	36 11	14 46	-0 5	ND	2.824
87	9	4	43.391	2225	55 42.13N	66 18.29E	55 16N	66 9E	610551	25105	192 36	36 20	14 47	-0 4	ND	2.824
88	9	4	45.610	2220	55 33.20N	66 14.77E	55 7N	66 6E	610397	25106	192 34	36 28	14 47	-0 4	ND	2.830
89	9	4	47.831	2221	55 24.26N	66 11.27E	54 58N	66 3E	610245	25106	192 32	36 37	14 47	-0 3	ND	2.829
90	9	5	23.556	35724	53 0.25N	65 17.75E	52 34N	65 11E	607883	25112	192 3	38 58	14 52	0 14	ND	0.176

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	9	5	26.656	3101	52 47.74N	65 13.34E	52 22N	65 6E	607687	25112	192	1	39	10	14 51	Ø 13	ND	2.026
92	9	5	29.141	2484	52 37.71N	65 9.83E	52 11N	65 3E	607530	25113	191	59	39	20	14 52	Ø 13	ND	2.529
93	9	5	31.471	2330	52 28.30N	65 6.56E	52 2N	65 ØE	607385	25113	191	57	39	29	14 52	Ø 13	ND	2.697
94	9	5	33.750	2280	52 19.10N	65 3.38E	51 53N	64 57E	607243	25113	191	56	39	38	14 52	Ø 12	ND	2.756
95	9	5	36.000	2250	52 10.01N	65 Ø.26E	51 44N	64 53E	607104	25114	191	54	39	47	14 53	Ø 12	ND	2.793
96	9	5	38.245	2245	52 Ø.94N	64 57.16E	51 35N	64 50E	606965	25114	191	52	39	56	14 53	Ø 12	ND	2.799
97	9	5	40.480	2235	51 51.91N	64 54.09E	51 26N	64 47E	606828	25114	191	51	40	4	14 53	Ø 11	ND	2.811
98	9	5	42.716	2235	51 42.88N	64 51.04E	51 17N	64 44E	606693	25115	191	49	40	13	14 53	Ø 11	ND	2.811
99	9	5	44.945	2230	51 33.87N	64 48.01E	51 8N	64 41E	606558	25115	191	48	40	22	14 53	Ø 10	ND	2.818
100	9	5	47.176	2230	51 24.86N	64 45.00E	50 59N	64 38E	606423	25115	191	46	40	31	14 53	Ø 10	ND	2.818
101	9	5	49.405	2230	51 15.85N	64 42.00E	50 50N	64 35E	606291	25116	191	45	40	39	14 53	Ø 8	ND	2.818
102	9	5	51.632	2226	51 6.85N	64 39.03E	50 41N	64 32E	606158	25116	191	44	40	48	14 53	Ø 8	ND	2.823
103	9	5	53.860	2229	50 57.84N	64 36.06E	50 32N	64 29E	606026	25116	191	42	40	57	14 53	Ø 8	ND	2.819
104	9	5	56.085	2225	50 48.84N	64 33.12E	50 23N	64 27E	605896	25117	191	41	41	6	14 53	Ø 7	ND	2.824
105	9	5	58.311	2225	50 39.84N	64 30.19E	50 14N	64 24E	605765	25117	191	39	41	14	14 53	Ø 7	ND	2.824
106	9	6	Ø.535	2225	50 30.85N	64 27.28E	50 5N	64 21E	605637	25117	191	38	41	23	14 53	Ø 6	ND	2.824
107	9	6	2.761	2225	50 21.85N	64 24.38E	49 56N	64 18E	605508	25118	191	36	41	32	14 53	Ø 6	ND	2.824
108	9	6	4.980	2220	50 12.87N	64 21.51E	49 47N	64 15E	605381	25118	191	35	41	41	14 53	Ø 5	ND	2.830
109	9	6	7.200	2220	50 3.89N	64 18.65E	49 38N	64 12E	605255	25118	191	34	41	49	14 53	Ø 4	ND	2.830
110	9	6	9.420	2220	49 54.90N	64 15.80E	49 29N	64 9E	605129	25118	191	32	41	58	14 53	Ø 4	ND	2.830
111	9	6	45.051	35630	47 30.60N	63 31.92E	47 5N	63 25E	603226	25123	191	13	44	17	14 47	-Ø 31	ND	Ø.176
112	9	6	48.137	3086	47 18.09N	63 28.27E	46 52N	63 21E	603072	25123	191	11	44	29	14 47	-Ø 31	ND	2.036
113	9	6	50.615	2479	47 8.04N	63 25.35E	46 42N	63 18E	602949	25124	191	10	44	39	14 46	-Ø 32	ND	2.535
114	9	6	52.940	2325	46 58.61N	63 22.63E	46 33N	63 15E	602835	25124	191	9	44	48	14 46	-Ø 32	ND	2.702
115	9	6	55.209	2269	46 49.41N	63 19.99E	46 24N	63 13E	602724	25124	191	8	44	57	14 45	-Ø 32	ND	2.769
116	9	6	57.467	2257	46 40.25N	63 17.37E	46 15N	63 10E	602615	25125	191	7	45	6	14 45	-Ø 32	ND	2.784
117	9	6	59.705	2239	46 31.18N	63 14.79E	46 6N	63 8E	602508	25125	191	6	45	15	14 44	-Ø 32	ND	2.806
118	9	7	1.940	2235	46 22.11N	63 12.22E	45 56N	63 5E	602402	25125	191	5	45	23	14 44	-Ø 32	ND	2.811
119	9	7	4.176	2235	46 13.04N	63 9.66E	45 47N	63 3E	602297	25125	191	4	45	32	14 43	-Ø 32	ND	2.811
120	9	7	6.405	2230	46 3.99N	63 7.12E	45 38N	63 ØE	602192	25126	191	3	45	41	14 42	-Ø 32	ND	2.818
121	9	7	8.626	2221	45 54.98N	63 4.59E	45 29N	62 58E	602090	25126	191	2	45	49	14 41	-Ø 33	ND	2.829
122	9	7	10.855	2229	45 45.94N	63 2.07E	45 20N	62 55E	601988	25126	191	1	45	58	14 40	-Ø 33	ND	2.819
123	9	7	13.081	2226	45 36.90N	62 59.57E	45 11N	62 53E	601887	25126	191	Ø	46	7	14 40	-Ø 32	ND	2.823
124	9	7	15.311	2229	45 27.86N	62 57.07E	45 2N	62 50E	601787	25127	190	59	46	15	14 39	-Ø 32	ND	2.819
125	9	7	17.530	2220	45 18.85N	62 54.59E	44 53N	62 48E	601688	25127	190	58	46	24	14 38	-Ø 32	ND	2.830
126	9	7	19.746	2216	45 9.85N	62 52.13E	44 44N	62 45E	601590	25127	190	57	46	33	14 37	-Ø 32	ND	2.835
127	9	7	21.976	2229	45 Ø.80N	62 49.66E	44 35N	62 43E	601492	25127	190	56	46	41	14 37	-Ø 32	ND	2.819
128	9	7	24.196	2221	44 51.78N	62 47.21E	44 26N	62 41E	601397	25128	190	55	46	50	14 36	-Ø 32	ND	2.829
129	9	7	26.415	2219	44 42.77N	62 44.77E	44 17N	62 38E	601301	25128	190	54	46	58	14 35	-Ø 32	ND	2.832
130	9	7	28.636	2220	44 33.76N	62 42.34E	44 8N	62 36E	601207	25128	190	53	47	7	14 34	-Ø 32	ND	2.830
131	9	7	30.852	2216	44 24.76N	62 39.93E	43 59N	62 33E	601114	25128	190	52	47	16	14 33	-Ø 32	ND	2.835
132	9	7	33.075	2224	44 15.72N	62 37.51E	43 50N	62 31E	601022	25129	190	51	47	24	14 32	-Ø 32	ND	2.825
133	9	7	35.295	2220	44 6.71N	62 35.11E	43 41N	62 29E	600930	25129	190	50	47	33	14 31	-Ø 32	ND	2.830
134	9	7	37.511	2215	43 57.71N	62 32.73E	43 33N	62 26E	600840	25129	190	49	47	41	14 30	-Ø 31	ND	2.837
135	9	7	39.726	2215	43 48.71N	62 30.35E	43 24N	62 24E	600751	25129	190	48	47	50	14 29	-Ø 31	ND	2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	9	7	41.940	2215	43	39.71N	62	27.98E	43	15N	62	22E	600662	25129	190	48	47	58	14	28	-0	31	ND		2.837
137	9	7	44.160	2220	43	30.69N	62	25.62E	43	6N	62	19E	600575	25130	190	47	48	7	14	27	-0	30	ND		2.830
138	9	7	46.375	2215	43	21.69N	62	23.27E	42	57N	62	17E	600489	25130	190	46	48	16	14	26	-0	30	ND		2.837
139	9	7	48.591	2215	43	12.69N	62	20.93E	42	48N	62	15E	600404	25130	190	45	48	24	14	25	-0	29	ND		2.837
140	9	7	50.811	2220	43	3.66N	62	18.59E	42	39N	62	12E	600319	25130	190	44	48	33	14	24	-0	29	ND		2.830
141	9	7	53.030	2220	42	54.64N	62	16.26E	42	30N	62	10E	600235	25131	190	43	48	41	14	23	-0	29	ND		2.830
142	9	7	55.240	2210	42	45.66N	62	13.95E	42	21N	62	8E	600153	25131	190	42	48	50	14	22	-0	29	ND		2.843
143	9	7	57.455	2215	42	36.65N	62	11.65E	42	12N	62	6E	600072	25131	190	42	48	58	14	21	-0	28	ND		2.837
144	9	7	59.676	2220	42	27.63N	62	9.34E	42	3N	62	3E	599992	25131	190	41	49	7	14	20	-0	28	ND		2.830
145	9	8	1.891	2215	42	18.62N	62	7.05E	41	54N	62	1E	599912	25131	190	40	49	16	14	19	-0	28	ND		2.837
146	9	8	4.110	2220	42	9.59N	62	4.77E	41	45N	61	59E	599834	25132	190	39	49	24	14	18	-0	27	ND		2.830
147	9	8	6.325	2215	42	0.59N	62	2.49E	41	36N	61	57E	599756	25132	190	38	49	33	14	18	-0	27	ND		2.837
148	9	8	8.540	2215	41	51.58N	62	0.23E	41	27N	61	54E	599680	25132	190	38	49	41	14	17	-0	26	ND		2.837
149	9	8	10.756	2215	41	42.57N	61	57.97E	41	18N	61	52E	599605	25132	190	37	49	50	14	17	-0	26	ND		2.837
150	9	8	12.971	2215	41	33.56N	61	55.72E	41	9N	61	50E	599531	25132	190	36	49	58	14	17	-0	25	ND		2.837
151	9	8	15.186	2215	41	24.55N	61	53.48E	41	0N	61	48E	599458	25133	190	35	50	7	14	16	-0	25	ND		2.837
152	9	8	17.400	2215	41	15.54N	61	51.25E	40	51N	61	46E	599385	25133	190	35	50	15	14	16	-0	24	ND		2.837
153	9	8	19.615	2215	41	6.53N	61	49.02E	40	42N	61	44E	599314	25133	190	34	50	24	14	16	-0	23	ND		2.837
154	9	8	21.826	2211	40	57.53N	61	46.80E	40	33N	61	41E	599244	25133	190	33	50	32	14	16	-0	22	ND		2.842
155	9	8	24.041	2215	40	48.52N	61	44.59E	40	24N	61	39E	599175	25133	190	33	50	41	14	16	-0	21	ND		2.837
156	9	8	26.261	2219	40	39.49N	61	42.39E	40	15N	61	37E	599107	25133	190	32	50	49	14	17	-0	19	ND		2.832
157	9	8	28.472	2211	40	30.49N	61	40.19E	40	6N	61	35E	599040	25134	190	31	50	58	14	17	-0	18	ND		2.842
158	9	8	30.686	2214	40	21.48N	61	38.00E	39	57N	61	33E	598974	25134	190	30	51	7	14	17	-0	16	ND		2.838
159	9	8	32.900	2215	40	12.47N	61	35.82E	39	48N	61	31E	598909	25134	190	30	51	15	14	18	-0	15	ND		2.837
160	9	8	35.110	2210	40	3.47N	61	33.65E	39	39N	61	29E	598846	25134	190	29	51	24	14	18	-0	14	ND		2.843
161	9	8	37.321	2211	39	54.47N	61	31.49E	39	30N	61	27E	598783	25134	190	28	51	32	14	18	-0	13	ND		2.842
162	9	8	39.540	2219	39	45.44N	61	29.33E	39	21N	61	24E	598722	25134	190	28	51	41	14	19	-0	12	ND		2.832
163	9	8	41.750	2210	39	36.44N	61	27.18E	39	12N	61	22E	598660	25135	190	27	51	49	14	20	-0	11	ND		2.843
164	9	8	43.961	2211	39	27.44N	61	25.03E	39	3N	61	20E	598601	25135	190	26	51	58	14	21	-0	10	ND		2.842
165	9	8	46.176	2214	39	18.42N	61	22.89E	38	53N	61	18E	598543	25135	190	26	52	6	14	21	-0	8	ND		2.838
166	9	8	48.391	2215	39	9.40N	61	20.76E	38	44N	61	16E	598485	25135	190	25	52	15	14	21	-0	7	ND		2.837
167	9	8	50.602	2211	39	0.40N	61	18.64E	38	35N	61	14E	598429	25135	190	24	52	23	14	22	-0	6	ND		2.842
168	9	8	52.815	2214	38	51.38N	61	16.52E	38	26N	61	12E	598374	25135	190	24	52	32	14	22	-0	5	ND		2.838
169	9	8	55.030	2215	38	42.36N	61	14.41E	38	17N	61	10E	598320	25135	190	23	52	40	14	22	-0	3	ND		2.837
170	9	8	57.240	2210	38	33.36N	61	12.30E	38	8N	61	8E	598267	25136	190	23	52	49	14	22	-0	2	ND		2.843
171	9	8	59.455	2215	38	24.34N	61	10.20E	37	59N	61	6E	598215	25136	190	22	52	57	14	22	-0	2	ND		2.837
172	9	9	1.670	2215	38	15.32N	61	8.11E	37	50N	61	4E	598164	25136	190	21	53	6	14	23	-0	1	ND		2.837
173	9	9	3.886	2215	38	6.29N	61	6.02E	37	41N	61	2E	598114	25136	190	21	53	14	14	23	-0	0	ND		2.837
174	9	9	6.101	2215	37	57.27N	61	3.94E	37	32N	61	0E	598066	25136	190	20	53	22	14	22	0	1	ND		2.837
175	9	9	8.315	2215	37	48.24N	61	1.86E	37	23N	60	58E	598018	25136	190	19	53	31	14	22	0	1	ND		2.837
176	9	9	10.525	2210	37	39.24N	60	59.80E	37	14N	60	56E	597972	25136	190	19	53	39	14	22	0	2	ND		2.843
177	9	9	12.740	2215	37	30.21N	60	57.74E	37	5N	60	54E	597927	25136	190	18	53	48	14	22	0	3	ND		2.837
178	9	9	14.955	2215	37	21.19N	60	55.68E	36	56N	60	52E	597883	25137	190	18	53	56	14	22	0	3	ND		2.837
179	9	9	17.172	2216	37	12.15N	60	53.63E	36	47N	60	50E	597840	25137	190	17	54	5	14	22	0	4	ND		2.835
180	9	9	19.386	2214	37	3.13N	60	51.58E	36	38N	60	48E	597798	25137	190	17	54	13	14	21	0	4	ND		2.838

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
181	9	9	21.601	2215	36	54.10N	60	49.54E	36	29N	60	46E	597757	25137	190 16	54 22	14 20	0 4	ND	2.837
182	9	9	23.815	2215	36	45.07N	60	47.51E	36	20N	60	44E	597718	25137	190 15	54 30	14 20	0 4	ND	2.837

FRAME EPHEMERIS MISSION 1018-2 ID 45 LIST DATE 06MAY65 PAGE 62

PASS 90D FWD 31MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	10	28	1.285	0	77	13.73N	64	9.60E	76	50N	63	8E	638096	25040	208	48	14	30	14	34	-0	32	ND		1.895
2	10	28	4.601	3315	77	1.78N	63	40.41E	76	38N	62	40E	637787	25040	208	21	14	43	14	33	-0	33	ND		1.895
3	10	28	7.221	2620	76	52.31N	63	17.95E	76	29N	62	19E	637543	25041	208	0	14	53	14	32	-0	34	ND		2.398
4	10	28	9.650	2430	76	43.50N	62	57.57E	76	20N	62	0E	637318	25041	207	41	15	3	14	32	-0	35	ND		2.586
5	10	28	11.995	2345	76	34.97N	62	38.30E	76	11N	61	42E	637100	25042	207	24	15	12	14	31	-0	35	ND		2.679
6	10	28	14.301	2305	76	26.56N	62	19.74E	76	3N	61	24E	636885	25042	207	7	15	21	14	30	-0	35	ND		2.726
7	10	28	16.585	2285	76	18.21N	62	1.70E	75	54N	61	7E	636674	25043	206	51	15	30	14	30	-0	35	ND		2.750
8	10	28	18.860	2275	76	9.87N	61	44.07E	75	46N	60	51E	636462	25043	206	35	15	39	14	30	-0	35	ND		2.762
9	10	28	21.125	2265	76	1.55N	61	26.86E	75	38N	60	35E	636253	25044	206	19	15	48	14	29	-0	34	ND		2.774
10	10	28	23.391	2265	75	53.21N	61	9.96E	75	29N	60	19E	636043	25044	206	4	15	57	14	29	-0	34	ND		2.774
11	10	28	25.655	2265	75	44.85N	60	53.38E	75	21N	60	3E	635833	25045	205	49	16	6	14	28	-0	33	ND		2.774
12	10	28	27.910	2255	75	36.51N	60	37.18E	75	12N	59	48E	635624	25045	205	34	16	15	14	28	-0	32	ND		2.786
13	10	28	30.170	2260	75	28.14N	60	21.23E	75	4N	59	33E	635416	25046	205	20	16	24	14	28	-0	31	ND		2.780
14	10	28	32.426	2255	75	19.76N	60	5.59E	74	56N	59	19E	635207	25046	205	6	16	33	14	27	-0	30	ND		2.786
15	10	28	34.677	2251	75	11.39N	59	50.27E	74	47N	59	4E	634999	25047	204	52	16	42	14	27	-0	28	ND		2.791
16	10	28	36.931	2254	75	2.99N	59	35.19E	74	39N	58	50E	634792	25047	204	38	16	51	14	27	-0	27	ND		2.788
17	10	28	39.181	2250	74	54.59N	59	20.41E	74	30N	58	36E	634584	25048	204	25	17	0	14	27	-0	25	ND		2.793
18	10	28	41.431	2250	74	46.18N	59	5.88E	74	22N	58	23E	634377	25048	204	12	17	9	14	27	-0	24	ND		2.793
19	10	28	43.681	2250	74	37.75N	58	51.60E	74	13N	58	9E	634171	25049	204	0	17	18	14	27	-0	22	ND		2.793
20	10	28	45.926	2245	74	29.32N	58	37.59E	74	5N	57	56E	633964	25049	203	47	17	27	14	27	-0	22	ND		2.799
21	10	28	48.170	2245	74	20.89N	58	23.82E	73	56N	57	43E	633759	25050	203	35	17	35	14	27	-0	20	ND		2.799
22	10	28	50.420	2250	74	12.42N	58	10.24E	73	48N	57	31E	633552	25050	203	23	17	44	14	27	-0	19	ND		2.793
23	10	28	52.665	2245	74	3.95N	57	56.92E	73	39N	57	18E	633346	25051	203	11	17	53	14	27	-0	19	ND		2.799
24	10	28	54.905	2240	73	55.49N	57	43.85E	73	31N	57	6E	633141	25051	203	0	18	2	14	27	-0	18	ND		2.805
25	10	28	57.146	2241	73	47.02N	57	30.98E	73	22N	56	54E	632935	25052	202	49	18	11	14	27	-0	17	ND		2.804
26	10	28	59.391	2244	73	38.52N	57	18.30E	73	14N	56	42E	632731	25052	202	37	18	20	14	27	-0	16	ND		2.800
27	10	29	1.636	2245	73	30.01N	57	5.82E	73	5N	56	30E	632526	25053	202	27	18	29	14	27	-0	15	ND		2.799
28	10	29	3.871	2236	73	21.52N	56	53.59E	72	57N	56	18E	632322	25053	202	16	18	38	14	27	-0	15	ND		2.810
29	10	29	6.110	2239	73	13.01N	56	41.53E	72	48N	56	7E	632118	25054	202	5	18	46	14	27	-0	15	ND		2.806
30	10	29	8.355	2245	73	4.46N	56	29.62E	72	40N	55	55E	631914	25054	201	55	18	55	14	27	-0	14	ND		2.799
31	10	29	10.596	2240	72	55.92N	56	17.93E	72	31N	55	44E	631710	25055	201	45	19	4	14	27	-0	14	ND		2.805
32	10	29	12.825	2230	72	47.41N	56	6.47E	72	22N	55	33E	631508	25055	201	35	19	13	14	27	-0	13	ND		2.818
33	10	29	15.065	2240	72	38.86N	55	55.12E	72	14N	55	23E	631304	25055	201	25	19	22	14	27	-0	13	ND		2.805
34	10	29	17.306	2240	72	30.29N	55	43.95E	72	5N	55	12E	631102	25056	201	16	19	31	14	27	-0	13	ND		2.805
35	10	29	19.541	2236	72	21.73N	55	32.97E	71	57N	55	1E	630898	25056	201	6	19	40	14	28	-0	13	ND		2.810
36	10	29	21.775	2234	72	13.17N	55	22.15E	71	48N	54	51E	630697	25057	200	57	19	49	14	28	-0	12	ND		2.813
37	10	29	24.012	2236	72	4.58N	55	11.48E	71	39N	54	41E	630495	25057	200	48	19	57	14	29	-0	12	ND		2.810
38	10	29	26.250	2239	71	55.99N	55	0.96E	71	31N	54	31E	630293	25058	200	39	20	6	14	29	-0	11	ND		2.806
39	10	29	28.485	2235	71	47.39N	54	50.60E	71	22N	54	21E	630092	25058	200	30	20	15	14	29	-0	11	ND		2.811
40	10	29	30.721	2235	71	38.79N	54	40.39E	71	14N	54	11E	629890	25059	200	22	20	24	14	30	-0	11	ND		2.811
41	10	29	32.955	2235	71	30.18N	54	30.33E	71	5N	54	2E	629689	25059	200	13	20	33	14	30	-0	11	ND		2.811
42	10	29	35.190	2235	71	21.56N	54	20.40E	70	56N	53	52E	629489	25060	200	5	20	42	14	31	-0	10	ND		2.811
43	10	29	37.426	2235	71	12.94N	54	10.62E	70	48N	53	43E	629288	25060	199	57	20	51	14	31	-0	10	ND		2.811
44	10	29	39.655	2230	71	4.32N	54	0.99E	70	39N	53	34E	629089	25061	199	49	21	0	14	32	-0	9	ND		2.818
45	10	29	41.891	2235	70	55.68N	53	51.47E	70	30N	53	25E	628889	25061	199	41	21	8	14	32	-0	9	ND		2.811

Approved For Release 2007/06/09 : CIA-RDP78T05439A000500140056-4

FRAME EPHEMERIS MISSION 1018-2

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	10	29	44.125	2235	70	47.03N	53	42.08E	70	22N	53	16E	628689	25062	199	33	21	17	14	32	-0	9	ND		2.811
47	10	29	46.355	2230	70	38.40N	53	32.84E	70	13N	53	7E	628491	25062	199	25	21	26	14	33	-0	8	ND		2.818
48	10	29	48.591	2235	70	29.73N	53	23.69E	70	4N	52	58E	628291	25063	199	18	21	35	14	33	-0	8	ND		2.811
49	10	29	50.825	2235	70	21.07N	53	14.68E	69	56N	52	49E	628092	25063	199	10	21	44	14	33	-0	8	ND		2.811
50	10	29	53.056	2230	70	12.41N	53	5.79E	69	47N	52	41E	627895	25064	199	3	21	53	14	33	-0	8	ND		2.818
51	10	29	55.286	2231	70	3.74N	52	57.03E	69	38N	52	32E	627696	25064	198	56	22	2	14	33	-0	8	ND		2.816
52	10	29	57.521	2234	69	55.05N	52	48.36E	69	30N	52	24E	627498	25064	198	49	22	10	14	33	-0	8	ND		2.813
53	10	29	59.750	2230	69	46.38N	52	39.82E	69	21N	52	16E	627301	25065	198	42	22	19	14	33	-0	7	ND		2.818
54	10	30	1.985	2235	69	37.68N	52	31.37E	69	12N	52	8E	627104	25065	198	35	22	28	14	33	-0	7	ND		2.811
55	10	30	4.216	2230	69	28.99N	52	23.04E	69	3N	52	0E	626907	25066	198	28	22	37	14	33	-0	7	ND		2.818
56	10	30	6.445	2230	69	20.29N	52	14.82E	68	55N	51	52E	626711	25066	198	21	22	46	14	33	-0	7	ND		2.818
57	10	30	8.676	2230	69	11.59N	52	6.69E	68	46N	51	44E	626514	25067	198	15	22	55	14	33	-0	7	ND		2.818
58	10	30	10.906	2231	69	2.88N	51	58.67E	68	37N	51	36E	626319	25067	198	8	23	3	14	33	-0	6	ND		2.816
59	10	30	13.141	2234	68	54.15N	51	50.73E	68	29N	51	29E	626123	25068	198	2	23	12	14	33	-0	6	ND		2.813
60	10	30	15.370	2230	68	45.44N	51	42.91E	68	20N	51	21E	625928	25068	197	56	23	21	14	33	-0	6	ND		2.818
61	10	30	17.601	2230	68	36.71N	51	35.17E	68	11N	51	14E	625733	25069	197	49	23	30	14	33	-0	6	ND		2.818
62	10	30	19.830	2230	68	27.99N	51	27.54E	68	2N	51	6E	625538	25069	197	43	23	39	14	33	-0	6	ND		2.818
63	10	30	22.061	2230	68	19.25N	51	19.98E	67	54N	50	59E	625344	25070	197	37	23	48	14	33	-0	6	ND		2.818
64	10	30	24.286	2226	68	10.53N	51	12.54E	67	45N	50	52E	625151	25070	197	32	23	56	14	33	-0	6	ND		2.823
65	10	30	26.521	2234	68	1.77N	51	5.15E	67	36N	50	45E	624957	25071	197	26	24	5	14	33	-0	6	ND		2.813
66	10	30	28.745	2225	67	53.04N	50	57.88E	67	27N	50	38E	624764	25071	197	20	24	14	14	33	-0	6	ND		2.824
67	10	30	30.976	2230	67	44.29N	50	50.67E	67	19N	50	31E	624570	25071	197	14	24	23	14	33	-0	6	ND		2.818
68	10	30	33.205	2230	67	35.53N	50	43.55E	67	10N	50	24E	624378	25072	197	9	24	32	14	33	-0	6	ND		2.818
69	10	30	35.436	2230	67	26.77N	50	36.50E	67	1N	50	17E	624185	25072	197	3	24	41	14	33	-0	5	ND		2.818
70	10	30	37.660	2225	67	18.02N	50	29.55E	66	52N	50	11E	623994	25073	196	58	24	49	14	34	-0	5	ND		2.824
71	10	30	39.886	2225	67	9.27N	50	22.68E	66	44N	50	4E	623803	25073	196	53	24	58	14	33	-0	5	ND		2.824
72	10	30	42.115	2230	67	0.49N	50	15.87E	66	35N	49	57E	623612	25074	196	47	25	7	14	34	-0	5	ND		2.818
73	10	30	44.346	2230	66	51.71N	50	9.13E	66	26N	49	51E	623421	25074	196	42	25	16	14	34	-0	5	ND		2.818
74	10	30	46.570	2225	66	42.95N	50	2.48E	66	17N	49	44E	623231	25075	196	37	25	25	14	35	-0	5	ND		2.824
75	10	30	48.795	2225	66	34.18N	49	55.91E	66	8N	49	38E	623041	25075	196	32	25	34	14	35	-0	5	ND		2.824
76	10	30	51.021	2226	66	25.40N	49	49.39E	66	0N	49	32E	622852	25076	196	27	25	42	14	36	-0	5	ND		2.823
77	10	30	53.250	2229	66	16.61N	49	42.95E	65	51N	49	25E	622663	25076	196	22	25	51	14	36	-0	5	ND		2.819
78	10	30	55.480	2230	66	7.81N	49	36.56E	65	42N	49	19E	622473	25076	196	17	26	0	14	37	-0	5	ND		2.818
79	10	30	57.705	2225	65	59.02N	49	30.26E	65	33N	49	13E	622285	25077	196	13	26	9	14	37	-0	5	ND		2.824
80	10	30	59.931	2225	65	50.23N	49	24.02E	65	24N	49	7E	622097	25077	196	8	26	18	14	37	-0	5	ND		2.824
81	10	31	2.155	2225	65	41.44N	49	17.85E	65	16N	49	1E	621910	25078	196	3	26	27	14	38	-0	5	ND		2.824
82	10	31	4.381	2225	65	32.64N	49	11.73E	65	7N	48	55E	621723	25078	195	59	26	35	14	38	-0	5	ND		2.824
83	10	31	6.605	2225	65	23.84N	49	5.69E	64	58N	48	49E	621536	25079	195	54	26	44	14	38	-0	5	ND		2.824
84	10	31	8.830	2225	65	15.04N	48	59.70E	64	49N	48	43E	621349	25079	195	50	26	53	14	38	-0	5	ND		2.824
85	10	31	11.061	2230	65	6.21N	48	53.76E	64	40N	48	38E	621164	25080	195	46	27	2	14	39	-0	5	ND		2.818
86	10	31	13.285	2225	64	57.40N	48	47.89E	64	31N	48	32E	620978	25080	195	41	27	11	14	39	-0	6	ND		2.824
87	10	31	15.511	2225	64	48.59N	48	42.08E	64	23N	48	26E	620793	25080	195	37	27	20	14	39	-0	6	ND		2.824
88	10	31	17.735	2225	64	39.77N	48	36.32E	64	14N	48	21E	620608	25081	195	33	27	28	14	40	-0	6	ND		2.824
89	10	31	19.961	2226	64	30.95N	48	30.62E	64	5N	48	15E	620424	25081	195	29	27	37	14	40	-0	6	ND		2.823
90	10	31	22.187	2225	64	22.12N	48	24.98E	63	56N	48	10E	620240	25082	195	25	27	46	14	40	-0	7	ND		2.824

FRAME EPHEMERIS MISSION 1018-2

PASS 90D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 64

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH		ROLL		YAW		SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG	MIN	DEG	MIN	DEG	MIN	RATE
91	10	31	24.415	2229	64	13.28N	48	19.38E	63	47N	48	4E	620056	25082	195	21	27	55	14	40	-0	7		ND	2.819
92	10	31	26.641	2225	64	4.45N	48	13.84E	63	39N	47	59E	619873	25083	195	17	28	4	14	40	-0	7		ND	2.824
93	10	31	28.865	2225	63	55.61N	48	8.36E	63	30N	47	53E	619691	25083	195	13	28	12	14	41	-0	8		ND	2.824
94	10	31	31.091	2225	63	46.77N	48	2.92E	63	21N	47	48E	619509	25083	195	9	28	21	14	40	-0	8		ND	2.824
95	10	31	33.315	2225	63	37.94N	47	57.54E	63	12N	47	43E	619327	25084	195	5	28	30	14	41	-0	8		ND	2.824
96	10	31	35.535	2220	63	29.12N	47	52.22E	63	3N	47	38E	619145	25084	195	1	28	39	14	41	-0	9		ND	2.830
97	10	31	37.761	2225	63	20.27N	47	46.94E	62	54N	47	33E	618965	25085	194	57	28	48	14	41	-0	9		ND	2.824
98	10	31	39.985	2225	63	11.42N	47	41.70E	62	45N	47	27E	618784	25085	194	54	28	56	14	41	-0	9		ND	2.824
99	10	31	42.210	2225	63	2.57N	47	36.51E	62	37N	47	22E	618605	25086	194	50	29	5	14	41	-0	10		ND	2.824
100	10	31	44.431	2220	62	53.73N	47	31.38E	62	28N	47	17E	618426	25086	194	47	29	14	14	41	-0	10		ND	2.830
101	10	31	46.650	2220	62	44.90N	47	26.30E	62	19N	47	12E	618247	25086	194	43	29	23	14	41	-0	10		ND	2.830
102	10	31	48.875	2225	62	36.04N	47	21.25E	62	10N	47	7E	618069	25087	194	40	29	32	14	41	-0	11		ND	2.824
103	10	31	51.102	2226	62	27.17N	47	16.23E	62	1N	47	3E	617890	25087	194	36	29	40	14	41	-0	11		ND	2.823
104	10	31	53.320	2219	62	18.33N	47	11.28E	61	52N	46	58E	617713	25088	194	33	29	49	14	41	-0	11		ND	2.832
105	10	31	55.540	2220	62	9.49N	47	6.38E	61	44N	46	53E	617536	25088	194	29	29	58	14	41	-0	11		ND	2.830
106	10	31	57.766	2225	62	0.61N	47	1.50E	61	35N	46	48E	617360	25089	194	26	30	7	14	41	-0	11		ND	2.824
107	10	31	59.990	2225	61	51.74N	46	56.66E	61	26N	46	43E	617184	25089	194	23	30	16	14	41	-0	11		ND	2.824
108	10	32	2.210	2220	61	42.89N	46	51.87E	61	17N	46	39E	617008	25089	194	19	30	24	14	41	-0	11		ND	2.830
109	10	32	4.431	2220	61	34.03N	46	47.13E	61	8N	46	34E	616833	25090	194	16	30	33	14	41	-0	11		ND	2.830
110	10	32	6.655	2225	61	25.15N	46	42.41E	60	59N	46	30E	616659	25090	194	13	30	42	14	40	-0	11		ND	2.824
111	10	32	8.881	2225	61	16.27N	46	37.73E	60	50N	46	25E	616484	25091	194	10	30	51	14	40	-0	11		ND	2.824
112	10	32	11.096	2215	61	7.42N	46	33.12E	60	42N	46	21E	616311	25091	194	7	30	59	14	40	-0	11		ND	2.837
113	10	32	13.316	2221	60	58.55N	46	28.53E	60	33N	46	16E	616138	25092	194	4	31	8	14	39	-0	11		ND	2.829
114	10	32	15.540	2224	60	49.67N	46	23.96E	60	24N	46	12E	615965	25092	194	1	31	17	14	39	-0	11		ND	2.825
115	10	32	17.761	2220	60	40.79N	46	19.45E	60	15N	46	7E	615794	25092	193	58	31	26	14	38	-0	11		ND	2.830
116	10	32	19.980	2220	60	31.92N	46	14.97E	60	6N	46	3E	615622	25093	193	55	31	35	14	38	-0	11		ND	2.830
117	10	32	22.200	2220	60	23.05N	46	10.52E	59	57N	45	59E	615451	25093	193	52	31	43	14	38	-0	11		ND	2.830
118	10	32	24.421	2221	60	14.16N	46	6.11E	59	48N	45	54E	615281	25094	193	49	31	52	14	37	-0	10		ND	2.829
119	10	32	26.646	2224	60	5.27N	46	1.73E	59	40N	45	50E	615111	25094	193	46	32	1	14	36	-0	10		ND	2.825
120	10	32	28.865	2220	59	56.38N	45	57.39E	59	31N	45	46E	614942	25094	193	44	32	10	14	35	-0	10		ND	2.830
121	10	33	5.096	36230	57	31.14N	44	50.95E	57	6N	44	38E	612258	25101	193	2	34	33	14	33	-1	4		ND	0.173
122	10	33	8.221	3125	57	18.59N	44	45.58E	56	53N	44	33E	612033	25101	192	59	34	45	14	32	-1	3		ND	2.011
123	10	33	10.705	2485	57	8.61N	44	41.34E	56	43N	44	29E	611856	25102	192	57	34	55	14	30	-1	1		ND	2.528
124	10	33	13.040	2335	56	59.23N	44	37.39E	56	34N	44	25E	611690	25102	192	54	35	4	14	29	-0	60		ND	2.691
125	10	33	15.315	2275	56	50.09N	44	33.57E	56	25N	44	21E	611529	25103	192	52	35	13	14	28	-0	58		ND	2.762
126	10	33	17.570	2255	56	41.02N	44	29.80E	56	16N	44	18E	611370	25103	192	50	35	22	14	27	-0	57		ND	2.786
127	10	33	19.815	2245	56	32.00N	44	26.08E	56	7N	44	14E	611212	25103	192	48	35	31	14	26	-0	55		ND	2.799
128	10	33	22.051	2235	56	23.01N	44	22.40E	55	58N	44	11E	611055	25104	192	45	35	39	14	26	-0	53		ND	2.811
129	10	33	24.285	2235	56	14.02N	44	18.75E	55	49N	44	7E	610900	25104	192	43	35	48	14	25	-0	52		ND	2.811
130	10	33	26.517	2231	56	5.05N	44	15.12E	55	40N	44	4E	610744	25105	192	41	35	57	14	24	-0	51		ND	2.816
131	10	33	28.745	2229	55	56.08N	44	11.52E	55	31N	44	0E	610591	25105	192	39	36	6	14	23	-0	49		ND	2.819
132	10	33	30.976	2230	55	47.11N	44	7.95E	55	22N	43	57E	610437	25105	192	37	36	15	14	22	-0	48		ND	2.818
133	10	33	33.205	2230	55	38.14N	44	4.39E	55	13N	43	54E	610285	25106	192	35	36	23	14	21	-0	47		ND	2.818
134	10	33	35.426	2220	55	29.20N	44	0.88E	55	4N	43	50E	610133	25106	192	33	36	32	14	21	-0	46		ND	2.830
135	10	33	37.655	2230	55	20.22N	43	57.37E	54	55N	43	47E	609982	25106	192	31	36	41	14	21	-0	45		ND	2.818

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

FRAME EPHEMERIS MISSION 1018-2

PASS 90D FWD 31MAR65 - ID 45 LIST DATE 06MAY65 PAGE 65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	10	33	39.881	2225	55	11.26N	43	53.89E	54	46N	43	43E	609831	25107	192	29	36	50	14	20	-0	43	ND		2.824
137	10	33	42.105	2225	55	2.30N	43	50.43E	54	37N	43	40E	609681	25107	192	27	36	58	14	20	-0	42	ND		2.824
138	10	33	44.325	2220	54	53.36N	43	47.00E	54	28N	43	37E	609533	25107	192	25	37	7	14	20	-0	41	ND		2.830
139	10	33	46.551	2225	54	44.39N	43	43.59E	54	19N	43	34E	609384	25108	192	24	37	16	14	20	-0	40	ND		2.824
140	10	33	48.771	2220	54	35.45N	43	40.20E	54	10N	43	30E	609237	25108	192	22	37	24	14	20	-0	39	ND		2.830
141	10	33	50.995	2225	54	26.49N	43	36.83E	54	1N	43	27E	609090	25109	192	20	37	33	14	20	-0	39	ND		2.824
142	10	33	53.216	2220	54	17.54N	43	33.48E	53	52N	43	24E	608943	25109	192	18	37	42	14	21	-0	38	ND		2.830
143	10	45	10.482	77267	8	16.38N	33	13.92E	7	51N	33	11E	613677	25102	189	30	76	34	14	6	-0	16	ND		0.009
144	10	45	13.186	2703	8	5.32N	33	12.06E	7	40N	33	9E	613944	25101	189	30	76	38	14	8	-0	15	ND		2.325
145	10	45	15.756	2570	7	54.79N	33	10.30E	7	30N	33	7E	614199	25101	189	30	76	41	14	8	-0	15	ND		2.445
146	10	45	18.146	2390	7	45.01N	33	8.65E	7	20N	33	6E	614438	25100	189	30	76	44	14	10	-0	14	ND		2.629
147	10	45	20.460	2315	7	35.54N	33	7.07E	7	10N	33	4E	614671	25100	189	30	76	47	14	12	-0	13	ND		2.714
148	10	45	22.745	2285	7	26.18N	33	5.50E	7	1N	33	2E	614903	25099	189	30	76	50	14	13	-0	12	ND		2.750
149	10	45	25.016	2270	7	16.89N	33	3.94E	6	51N	33	1E	615134	25099	189	30	76	53	14	14	-0	11	ND		2.768
150	10	45	27.276	2261	7	7.63N	33	2.39E	6	42N	32	59E	615366	25098	189	30	76	56	14	15	-0	10	ND		2.779
151	10	45	29.535	2259	6	58.39N	33	0.84E	6	33N	32	58E	615600	25097	189	30	76	58	14	16	-0	9	ND		2.781
152	10	45	31.790	2255	6	49.16N	32	59.30E	6	24N	32	56E	615835	25097	189	30	77	1	14	16	-0	9	ND		2.786
153	10	45	34.045	2255	6	39.93N	32	57.75E	6	14N	32	55E	616071	25096	189	30	77	3	14	18	-0	8	ND		2.786
154	10	45	36.295	2250	6	30.72N	32	56.21E	6	5N	32	53E	616307	25096	189	29	77	5	14	18	-0	7	ND		2.793
155	10	45	38.545	2250	6	21.51N	32	54.68E	5	56N	32	52E	616546	25095	189	29	77	7	14	19	-0	6	ND		2.793
156	10	45	40.795	2250	6	12.30N	32	53.14E	5	47N	32	50E	616786	25095	189	29	77	9	14	20	-0	5	ND		2.793
157	10	45	43.051	2255	6	3.07N	32	51.59E	5	37N	32	49E	617028	25094	189	29	77	11	14	21	-0	4	ND		2.786
158	10	45	45.295	2245	5	53.88N	32	50.06E	5	28N	32	47E	617270	25094	189	29	77	12	14	21	-0	3	ND		2.799
159	10	45	47.541	2246	5	44.69N	32	48.53E	5	19N	32	46E	617514	25093	189	29	77	14	14	22	-0	2	ND		2.798
160	10	45	49.790	2249	5	35.48N	32	46.99E	5	10N	32	44E	617760	25092	189	29	77	16	14	22	-0	0	ND		2.794
161	10	45	52.040	2250	5	26.27N	32	45.46E	5	0N	32	43E	618007	25092	189	29	77	17	14	21	0	1	ND		2.793
162	10	45	54.285	2245	5	17.08N	32	43.92E	4	51N	32	41E	618256	25091	189	29	77	18	14	21	0	2	ND		2.799
163	10	45	56.531	2246	5	7.89N	32	42.39E	4	42N	32	40E	618505	25091	189	29	77	20	14	21	0	3	ND		2.798
164	10	45	58.780	2249	4	58.69N	32	40.86E	4	33N	32	38E	618757	25090	189	29	77	21	14	21	0	5	ND		2.794
165	10	46	1.025	2245	4	49.50N	32	39.33E	4	24N	32	37E	619010	25090	189	29	77	21	14	21	0	7	ND		2.799
166	10	46	3.275	2250	4	40.29N	32	37.79E	4	14N	32	35E	619264	25089	189	29	77	22	14	21	0	8	ND		2.793
167	10	46	5.521	2245	4	31.10N	32	36.26E	4	5N	32	34E	619520	25088	189	29	77	23	14	21	0	10	ND		2.799
168	10	46	7.766	2245	4	21.92N	32	34.73E	3	56N	32	32E	619777	25088	189	29	77	24	14	21	0	11	ND		2.799
169	10	46	10.011	2245	4	12.73N	32	33.21E	3	47N	32	31E	620035	25087	189	29	77	24	14	21	0	13	ND		2.799
170	10	46	12.256	2245	4	3.54N	32	31.68E	3	38N	32	29E	620295	25087	189	29	77	25	14	20	0	15	ND		2.799
171	10	46	14.500	2245	3	54.36N	32	30.15E	3	28N	32	28E	620556	25086	189	29	77	25	14	20	0	17	ND		2.799
172	10	46	16.745	2245	3	45.17N	32	28.62E	3	19N	32	26E	620819	25085	189	29	77	25	14	19	0	20	ND		2.799
173	10	46	18.990	2245	3	35.98N	32	27.10E	3	10N	32	25E	621083	25085	189	29	77	25	14	19	0	23	ND		2.799
174	10	46	21.240	2250	3	26.78N	32	25.56E	3	1N	32	24E	621349	25084	189	29	77	25	14	18	0	24	ND		2.793
175	10	46	23.490	2250	3	17.57N	32	24.04E	2	52N	32	22E	621617	25084	189	29	77	25	14	18	0	27	ND		2.793
176	10	46	25.735	2245	3	8.38N	32	22.51E	2	42N	32	21E	621886	25083	189	29	77	25	14	17	0	30	ND		2.799
177	10	46	27.981	2246	2	59.19N	32	20.98E	2	33N	32	19E	622156	25082	189	29	77	24	14	17	0	32	ND		2.798
178	10	46	30.235	2254	2	49.97N	32	19.45E	2	24N	32	18E	622428	25082	189	29	77	24	14	17	0	34	ND		2.788
179	10	46	32.485	2250	2	40.77N	32	17.92E	2	15N	32	16E	622702	25081	189	29	77	23	14	16	0	35	ND		2.793
180	10	46	34.730	2245	2	31.58N	32	16.40E	2	6N	32	15E	622976	25080	189	29	77	23	14	16	0	37	ND		2.799

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FRAME EPHEMERIS MISSION 1018-2

PASS 90D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 66

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
181	10	46	36.980	2250	2	22.38N	32	14.87E	1	56N	32	13E	623252	25080	189 29	77 22	14 15	0 38	ND	2.793
182	10	46	39.226	2245	2	13.19N	32	13.34E	1	47N	32	12E	623530	25079	189 29	77 21	14 15	0 40	ND	2.799
183	10	46	41.480	2255	2	3.97N	32	11.81E	1	38N	32	10E	623809	25079	189 29	77 20	14 14	0 40	ND	2.786
184	10	46	43.730	2250	1	54.76N	32	10.28E	1	29N	32	9E	624090	25078	189 29	77 19	14 14	0 41	ND	2.793
185	10	46	45.980	2250	1	45.56N	32	8.76E	1	20N	32	7E	624372	25077	189 29	77 17	14 13	0 43	ND	2.793
186	10	46	48.230	2250	1	36.35N	32	7.23E	1	10N	32	6E	624656	25077	189 29	77 16	14 12	0 43	ND	2.793
187	10	46	50.485	2255	1	27.13N	32	5.70E	1	1N	32	4E	624941	25076	189 29	77 15	14 12	0 44	ND	2.786
188	10	46	52.735	2250	1	17.92N	32	4.17E	0	52N	32	3E	625228	25075	189 29	77 13	14 11	0 44	ND	2.793
189	10	46	54.985	2250	1	8.72N	32	2.65E	0	43N	32	1E	625515	25075	189 29	77 12	14 10	0 44	ND	2.793
190	10	46	57.240	2255	0	59.50N	32	1.12E	0	34N	32	0E	625806	25074	189 29	77 10	14 10	0 44	ND	2.786
191	10	46	59.495	2255	0	50.27N	31	59.59E	0	24N	31	58E	626097	25073	189 29	77 8	14 9	0 43	ND	2.786
192	10	47	1.745	2250	0	41.07N	31	58.06E	0	15N	31	57E	626389	25073	189 29	77 6	14 8	0 43	ND	2.793
193	10	47	4.000	2255	0	31.85N	31	56.53E	0	6N	31	55E	626683	25072	189 29	77 4	14 7	0 42	ND	2.786
194	10	47	6.256	2255	0	22.63N	31	55.00E	0	3S	31	54E	626979	25071	189 29	77 2	14 6	0 41	ND	2.786
195	10	47	8.516	2260	0	13.37N	31	53.47E	0	12S	31	52E	627276	25071	189 29	77 0	14 5	0 40	ND	2.780
196	10	47	10.775	2260	0	4.13N	31	51.94E	0	22S	31	50E	627576	25070	189 29	76 57	14 4	0 39	ND	2.780
197	10	47	13.030	2255	0	5.08S	31	50.41E	0	31S	31	49E	627875	25069	189 29	76 55	14 4	0 37	ND	2.786
198	10	47	15.290	2260	0	14.33S	31	48.87E	0	40S	31	47E	628177	25068	189 29	76 52	14 3	0 36	ND	2.780
199	10	47	17.546	2256	0	23.55S	31	47.34E	0	49S	31	46E	628480	25068	189 29	76 50	14 2	0 35	ND	2.785
200	10	47	19.811	2264	0	32.81S	31	45.81E	0	59S	31	44E	628785	25067	189 29	76 47	14 2	0 33	ND	2.775
201	10	47	22.070	2260	0	42.05S	31	44.27E	1	8S	31	43E	629092	25066	189 29	76 44	14 2	0 32	ND	2.780
202	10	47	24.335	2265	0	51.31S	31	42.74E	1	17S	31	41E	629400	25066	189 29	76 41	14 2	0 32	ND	2.774
203	10	47	26.596	2260	1	0.56S	31	41.20E	1	26S	31	39E	629709	25065	189 29	76 38	14 2	0 31	ND	2.780
204	10	47	28.860	2265	1	9.81S	31	39.67E	1	36S	31	38E	630020	25064	189 29	76 35	14 3	0 30	ND	2.774
205	10	47	31.121	2261	1	19.06S	31	38.14E	1	45S	31	36E	630332	25063	189 29	76 32	14 3	0 30	ND	2.779

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	11	55	22.150	0	81	59.06N	62	51.15E	81	41N	60	14E	646001	25021	228	39	8	43	14	60	-0	36	ND		1.881
2	11	55	25.490	3340	81	49.92N	61	38.83E	81	31N	59	7E	645686	25022	227	29	8	56	14	60	-0	40	ND		1.881
3	11	55	28.155	2665	81	42.47N	60	43.00E	81	24N	58	15E	645437	25022	226	35	9	7	14	60	-0	42	ND		2.358
4	11	55	30.626	2471	81	35.46N	59	52.71E	81	16N	57	28E	645205	25023	225	47	9	16	14	60	-0	45	ND		2.543
5	11	55	33.019	2392	81	28.58N	59	5.30E	81	9N	56	44E	644980	25023	225	1	9	26	14	60	-0	47	ND		2.627
6	11	55	35.366	2348	81	21.73N	58	19.98E	81	2N	56	2E	644760	25024	224	17	9	35	14	60	-0	49	ND		2.676
7	11	55	37.690	2324	81	14.87N	57	36.27E	80	55N	55	21E	644542	25024	223	35	9	44	14	60	-0	51	ND		2.704
8	11	55	40.005	2315	81	7.97N	56	53.84E	80	48N	54	42E	644325	25025	222	55	9	54	14	60	-0	52	ND		2.714
9	11	55	42.302	2296	81	1.03N	56	12.79E	80	41N	54	4E	644109	25025	222	15	10	3	14	60	-0	54	ND		2.737
10	11	55	44.601	2299	80	54.02N	55	32.73E	80	34N	53	27E	643894	25026	221	37	10	12	14	60	-0	55	ND		2.733
11	11	55	46.891	2290	80	46.97N	54	53.82E	80	27N	52	51E	643680	25026	220	59	10	21	14	59	-0	56	ND		2.744
12	11	55	49.181	2290	80	39.86N	54	15.86E	80	19N	52	15E	643465	25027	220	23	10	30	14	59	-0	57	ND		2.744
13	11	55	51.460	2280	80	32.71N	53	39.01E	80	12N	51	41E	643251	25027	219	48	10	39	14	59	-0	58	ND		2.756
14	11	55	53.740	2280	80	25.50N	53	3.04E	80	5N	51	8E	643038	25028	219	14	10	48	14	59	-0	59	ND		2.756
15	11	55	56.016	2275	80	18.24N	52	28.02E	79	57N	50	36E	642825	25028	218	40	10	57	14	59	-0	60	ND		2.762
16	11	55	58.290	2275	80	10.94N	51	53.86E	79	50N	50	4E	642612	25029	218	8	11	6	14	60	-0	60	ND		2.762
17	11	56	0.565	2275	80	3.57N	51	20.50E	79	42N	49	33E	642399	25029	217	36	11	15	14	60	-1	0	ND		2.762
18	11	56	2.835	2270	79	56.18N	50	48.01E	79	35N	49	3E	642187	25030	217	5	11	24	14	60	-1	0	ND		2.768
19	11	56	5.105	2270	79	48.73N	50	16.28E	79	27N	48	34E	641975	25030	216	35	11	33	15	0	-1	0	ND		2.768
20	11	56	7.370	2265	79	41.25N	49	45.37E	79	19N	48	5E	641763	25031	216	6	11	42	15	0	-1	0	ND		2.774
21	11	56	9.641	2270	79	33.70N	49	15.11E	79	12N	47	37E	641550	25031	215	37	11	51	15	0	-1	1	ND		2.768
22	11	56	11.905	2265	79	26.13N	48	45.62E	79	4N	47	10E	641339	25032	215	9	12	0	15	0	-1	0	ND		2.774
23	11	56	14.165	2260	79	18.53N	48	16.86E	78	56N	46	43E	641128	25032	214	42	12	9	15	0	-0	60	ND		2.780
24	11	56	16.431	2265	79	10.88N	47	48.69E	78	48N	46	17E	640917	25033	214	15	12	18	15	1	-0	59	ND		2.774
25	11	56	18.695	2265	79	3.18N	47	21.17E	78	40N	45	52E	640706	25033	213	49	12	27	15	1	-0	59	ND		2.774
26	11	58	24.161	25466	71	20.19N	32	6.65E	70	55N	31	35E	629219	25060	200	4	20	43	14	29	-0	47	ND		0.050
27	11	58	27.375	3214	71	7.79N	31	52.65E	70	43N	31	22E	628934	25061	199	52	20	56	14	30	-0	50	ND		1.955
28	11	58	29.936	2560	70	57.89N	31	41.69E	70	33N	31	11E	628705	25061	199	43	21	7	14	31	-0	53	ND		2.454
29	11	58	32.314	2379	70	48.69N	31	31.67E	70	24N	31	1E	628494	25062	199	35	21	16	14	32	-0	55	ND		2.641
30	11	58	34.630	2316	70	39.72N	31	22.04E	70	15N	30	52E	628289	25062	199	27	21	25	14	33	-0	56	ND		2.713
31	11	58	36.906	2276	70	30.90N	31	12.72E	70	6N	30	43E	628087	25063	199	19	21	34	14	33	-0	58	ND		2.761
32	11	58	39.176	2269	70	22.10N	31	3.54E	69	57N	30	34E	627887	25063	199	11	21	43	14	34	-0	59	ND		2.769
33	11	58	41.440	2265	70	13.31N	30	54.51E	69	48N	30	25E	627687	25064	199	4	21	52	14	35	-0	59	ND		2.774
34	11	58	43.695	2255	70	4.55N	30	45.63E	69	39N	30	16E	627488	25064	198	57	22	1	14	35	-0	60	ND		2.786
35	11	58	45.940	2245	69	55.82N	30	36.91E	69	31N	30	8E	627291	25065	198	49	22	10	14	36	-1	0	ND		2.799
36	11	58	48.190	2250	69	47.06N	30	28.28E	69	22N	30	0E	627093	25065	198	42	22	19	14	37	-1	0	ND		2.793
37	11	58	50.436	2245	69	38.32N	30	19.78E	69	13N	29	52E	626896	25066	198	35	22	28	14	37	-1	0	ND		2.799
38	11	58	52.681	2245	69	29.58N	30	11.38E	69	4N	29	44E	626699	25066	198	29	22	37	14	38	-0	60	ND		2.799
39	11	58	54.920	2240	69	20.85N	30	3.12E	68	56N	29	36E	626503	25067	198	22	22	46	14	38	-0	60	ND		2.805
40	11	58	57.165	2245	69	12.09N	29	54.94E	68	47N	29	28E	626307	25067	198	15	22	55	14	38	-0	59	ND		2.799
41	11	58	59.405	2240	69	3.34N	29	46.87E	68	38N	29	20E	626111	25068	198	9	23	4	14	38	-0	59	ND		2.805
42	11	59	1.646	2240	68	54.59N	29	38.91E	68	29N	29	12E	625916	25068	198	2	23	12	14	39	-0	59	ND		2.805
43	11	59	3.880	2235	68	45.85N	29	31.06E	68	21N	29	5E	625722	25068	197	56	23	21	14	39	-0	58	ND		2.811
44	11	59	6.115	2235	68	37.11N	29	23.30E	68	12N	28	58E	625528	25069	197	50	23	30	14	40	-0	57	ND		2.811
45	11	59	8.355	2240	68	28.34N	29	15.62E	68	3N	28	50E	625333	25069	197	44	23	39	14	40	-0	56	ND		2.805

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	11	59	10.596	2240	68	19.57N	29	8.03E	67	54N	28	43E	625139	25070	197	38	23	48	14	40	-0	55	ND		2.805
47	11	59	12.826	2231	68	10.83N	29	0.56E	67	45N	28	36E	624946	25070	197	32	23	57	14	40	-0	54	ND		2.816
48	11	59	15.065	2239	68	2.05N	28	53.15E	67	37N	28	29E	624754	25071	197	26	24	6	14	41	-0	52	ND		2.806
49	11	59	17.301	2235	67	53.28N	28	45.84E	67	28N	28	22E	624561	25071	197	20	24	14	14	41	-0	51	ND		2.811
50	11	59	19.535	2235	67	44.51N	28	38.62E	67	19N	28	15E	624369	25072	197	15	24	23	14	41	-0	49	ND		2.811
51	12	0	56.686	97150	61	19.51N	24	27.15E	60	54N	24	13E	616391	25091	194	11	30	48	14	43	-0	34	ND		0.065
52	12	0	59.830	3145	61	6.95N	24	20.59E	60	41N	24	6E	616147	25091	194	7	31	0	14	44	-0	37	ND		1.998
53	12	1	2.335	2505	60	56.95N	24	15.41E	60	31N	24	1E	615953	25092	194	3	31	10	14	44	-0	40	ND		2.508
54	12	1	4.682	2346	60	47.57N	24	10.61E	60	22N	23	56E	615771	25092	194	0	31	19	14	44	-0	42	ND		2.678
55	12	1	6.976	2294	60	38.40N	24	5.95E	60	13N	23	52E	615595	25093	193	57	31	29	14	44	-0	44	ND		2.739
56	12	1	9.240	2265	60	29.35N	24	1.39E	60	4N	23	47E	615422	25093	193	54	31	38	14	44	-0	47	ND		2.774
57	12	1	11.495	2255	60	20.33N	23	56.88E	59	55N	23	43E	615249	25093	193	51	31	46	14	44	-0	49	ND		2.786
58	12	1	13.735	2240	60	11.37N	23	52.44E	59	46N	23	38E	615079	25094	193	48	31	55	14	45	-0	50	ND		2.805
59	12	1	15.976	2240	60	2.41N	23	48.04E	59	37N	23	34E	614909	25094	193	46	32	4	14	45	-0	52	ND		2.805
60	12	1	18.216	2240	59	53.45N	23	43.67E	59	28N	23	29E	614739	25095	193	43	32	13	14	45	-0	54	ND		2.805
61	12	1	20.445	2230	59	44.52N	23	39.35E	59	19N	23	25E	614571	25095	193	40	32	22	14	44	-0	55	ND		2.818
62	12	1	22.676	2230	59	35.60N	23	35.07E	59	10N	23	21E	614404	25095	193	37	32	31	14	45	-0	57	ND		2.818
63	12	1	24.905	2230	59	26.67N	23	30.82E	59	1N	23	17E	614236	25096	193	35	32	40	14	45	-0	58	ND		2.818
64	12	1	27.136	2230	59	17.73N	23	26.60E	58	52N	23	13E	614070	25096	193	32	32	48	14	45	-0	59	ND		2.818
65	12	1	29.365	2230	59	8.80N	23	22.41E	58	43N	23	8E	613904	25097	193	29	32	57	14	45	-1	0	ND		2.818
66	12	1	31.596	2230	58	59.87N	23	18.26E	58	34N	23	4E	613739	25097	193	27	33	6	14	45	-1	0	ND		2.818
67	12	1	33.820	2225	58	50.95N	23	14.14E	58	25N	23	0E	613574	25097	193	24	33	15	14	45	-1	0	ND		2.824
68	12	1	36.051	2230	58	42.01N	23	10.05E	58	16N	22	56E	613409	25098	193	22	33	24	14	45	-1	0	ND		2.818
69	12	1	38.280	2230	58	33.07N	23	5.98E	58	7N	22	52E	613246	25098	193	19	33	32	14	45	-0	60	ND		2.818
70	12	1	40.505	2225	58	24.15N	23	1.96E	57	58N	22	49E	613083	25099	193	17	33	41	14	45	-0	60	ND		2.824
71	12	1	42.735	2230	58	15.20N	22	57.95E	57	49N	22	45E	612920	25099	193	14	33	50	14	45	-0	60	ND		2.818
72	12	1	44.966	2230	58	6.25N	22	53.98E	57	41N	22	41E	612758	25099	193	12	33	59	14	45	-0	59	ND		2.818
73	12	1	47.190	2225	57	57.33N	22	50.04E	57	32N	22	37E	612597	25100	193	9	34	8	14	45	-0	59	ND		2.824
74	12	1	49.420	2230	57	48.38N	22	46.12E	57	23N	22	33E	612436	25100	193	7	34	16	14	45	-0	58	ND		2.818
75	12	1	51.646	2225	57	39.44N	22	42.23E	57	14N	22	29E	612276	25101	193	5	34	25	14	45	-0	57	ND		2.824
76	12	1	53.875	2230	57	30.49N	22	38.37E	57	5N	22	26E	612117	25101	193	2	34	34	14	45	-0	56	ND		2.818
77	12	1	56.101	2225	57	21.55N	22	34.54E	56	56N	22	22E	611958	25101	193	0	34	43	14	45	-0	55	ND		2.824
78	12	1	58.325	2225	57	12.62N	22	30.73E	56	47N	22	18E	611800	25102	192	58	34	51	14	45	-0	54	ND		2.824
79	12	2	0.552	2226	57	3.67N	22	26.95E	56	38N	22	15E	611642	25102	192	55	35	0	14	45	-0	53	ND		2.823
80	12	2	2.780	2229	56	54.72N	22	23.19E	56	29N	22	11E	611485	25102	192	53	35	9	14	45	-0	52	ND		2.819
81	12	2	5.001	2221	56	45.79N	22	19.47E	56	20N	22	8E	611329	25103	192	51	35	18	14	44	-0	51	ND		2.829
82	12	2	7.230	2229	56	36.83N	22	15.76E	56	11N	22	4E	611173	25103	192	49	35	26	14	44	-0	49	ND		2.819
83	12	2	9.455	2225	56	27.88N	22	12.09E	56	2N	22	1E	611018	25104	192	47	35	35	14	44	-0	48	ND		2.824
84	12	2	11.681	2225	56	18.94N	22	8.43E	55	53N	21	57E	610863	25104	192	45	35	44	14	43	-0	46	ND		2.824
85	12	2	13.900	2220	56	10.01N	22	4.81E	55	44N	21	54E	610711	25104	192	42	35	53	14	43	-0	45	ND		2.830
86	12	2	16.125	2225	56	1.06N	22	1.21E	55	35N	21	50E	610557	25105	192	40	36	1	14	42	-0	43	ND		2.824
87	12	2	18.346	2220	55	52.12N	21	57.63E	55	26N	21	47E	610405	25105	192	38	36	10	14	42	-0	40	ND		2.830
88	12	2	20.570	2225	55	43.17N	21	54.07E	55	17N	21	43E	610253	25105	192	36	36	19	14	41	-0	38	ND		2.824
89	12	2	22.795	2225	55	34.22N	21	50.54E	55	9N	21	40E	610102	25106	192	34	36	28	14	41	-0	37	ND		2.824
90	12	2	25.017	2221	55	25.28N	21	47.03E	55	0N	21	37E	609952	25106	192	32	36	36	14	40	-0	35	ND		2.829

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PASS 91D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 69

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	12	2	27.240	2224	55	16.32N	21	43.54E	54	51N	21	33E	609802	25107	192	30	36	45	14	40	-0	34	ND		2.825
92	12	2	29.460	2220	55	7.38N	21	40.08E	54	42N	21	30E	609653	25107	192	28	36	54	14	40	-0	32	ND		2.830
93	12	2	31.686	2225	54	58.42N	21	36.63E	54	33N	21	27E	609504	25107	192	27	37	3	14	39	-0	31	ND		2.824
94	12	2	33.906	2221	54	49.48N	21	33.21E	54	24N	21	24E	609357	25108	192	25	37	11	14	39	-0	29	ND		2.829
95	12	2	36.130	2224	54	40.52N	21	29.81E	54	15N	21	20E	609210	25108	192	23	37	20	14	39	-0	27	ND		2.825
96	12	2	38.355	2225	54	31.55N	21	26.42E	54	6N	21	17E	609063	25108	192	21	37	29	14	38	-0	26	ND		2.824
97	12	2	40.580	2225	54	22.58N	21	23.06E	53	57N	21	14E	608917	25109	192	19	37	37	14	38	-0	25	ND		2.824
98	12	2	42.801	2220	54	13.63N	21	19.72E	53	48N	21	11E	608772	25109	192	17	37	46	14	38	-0	24	ND		2.830
99	12	2	45.021	2220	54	4.69N	21	16.40E	53	39N	21	7E	608629	25109	192	16	37	55	14	38	-0	22	ND		2.830
100	12	2	47.245	2225	53	55.72N	21	13.10E	53	30N	21	4E	608485	25110	192	14	38	4	14	37	-0	22	ND		2.824
101	12	2	49.467	2221	53	46.76N	21	9.82E	53	21N	21	1E	608342	25110	192	12	38	12	14	37	-0	21	ND		2.829
102	12	2	51.690	2224	53	37.79N	21	6.55E	53	12N	20	58E	608199	25110	192	10	38	21	14	37	-0	21	ND		2.825
103	12	2	53.910	2220	53	28.84N	21	3.31E	53	3N	20	55E	608058	25111	192	9	38	30	14	36	-0	20	ND		2.830
104	12	2	56.130	2220	53	19.88N	21	0.09E	52	54N	20	52E	607917	25111	192	7	38	39	14	36	-0	19	ND		2.830
105	12	2	58.351	2220	53	10.92N	20	56.89E	52	45N	20	48E	607777	25111	192	5	38	47	14	36	-0	18	ND		2.830
106	12	3	0.570	2220	53	1.96N	20	53.71E	52	36N	20	45E	607638	25112	192	4	38	56	14	36	-0	18	ND		2.830
107	12	3	2.790	2220	52	53.01N	20	50.54E	52	27N	20	42E	607500	25112	192	2	39	5	14	36	-0	17	ND		2.830
108	12	3	5.011	2220	52	44.04N	20	47.39E	52	18N	20	39E	607362	25112	192	0	39	13	14	36	-0	17	ND		2.830
109	12	3	7.230	2220	52	35.08N	20	44.26E	52	9N	20	36E	607225	25113	191	59	39	22	14	36	-0	16	ND		2.830
110	12	3	9.450	2220	52	26.12N	20	41.15E	52	1N	20	33E	607088	25113	191	57	39	31	14	36	-0	16	ND		2.830
111	12	3	11.670	2220	52	17.15N	20	38.05E	51	52N	20	30E	606953	25113	191	56	39	40	14	36	-0	17	ND		2.830
112	12	3	13.891	2220	52	8.19N	20	34.97E	51	43N	20	27E	606818	25114	191	54	39	48	14	36	-0	17	ND		2.830
113	12	3	16.110	2220	51	59.22N	20	31.91E	51	34N	20	24E	606684	25114	191	52	39	57	14	36	-0	17	ND		2.830
114	12	3	18.331	2221	51	50.25N	20	28.86E	51	25N	20	21E	606551	25114	191	51	40	6	14	36	-0	17	ND		2.829
115	12	3	20.545	2214	51	41.30N	20	25.84E	51	16N	20	18E	606418	25115	191	49	40	14	14	36	-0	17	ND		2.838
116	12	3	22.766	2220	51	32.33N	20	22.83E	51	7N	20	15E	606286	25115	191	48	40	23	14	36	-0	18	ND		2.830
117	12	3	24.985	2220	51	23.36N	20	19.83E	50	58N	20	12E	606155	25115	191	46	40	32	14	36	-0	18	ND		2.830
118	12	3	27.205	2220	51	14.39N	20	16.85E	50	49N	20	9E	606025	25116	191	45	40	41	14	37	-0	18	ND		2.830
119	12	3	29.426	2220	51	5.41N	20	13.89E	50	40N	20	6E	605895	25116	191	44	40	49	14	37	-0	19	ND		2.830
120	12	3	31.646	2220	50	56.44N	20	10.94E	50	31N	20	3E	605766	25116	191	42	40	58	14	37	-0	20	ND		2.830
121	12	3	33.865	2220	50	47.46N	20	8.00E	50	22N	20	0E	605638	25117	191	41	41	7	14	37	-0	21	ND		2.830
122	12	3	36.085	2220	50	38.49N	20	5.08E	50	13N	19	57E	605511	25117	191	39	41	15	14	37	-0	21	ND		2.830
123	12	3	38.306	2220	50	29.50N	20	2.18E	50	4N	19	54E	605385	25117	191	38	41	24	14	38	-0	22	ND		2.830
124	12	3	40.521	2215	50	20.55N	19	59.29E	49	55N	19	52E	605259	25118	191	37	41	33	14	38	-0	23	ND		2.837
125	12	3	42.740	2220	50	11.57N	19	56.42E	49	46N	19	49E	605134	25118	191	35	41	42	14	38	-0	23	ND		2.830
126	12	3	44.960	2220	50	2.59N	19	53.56E	49	37N	19	46E	605010	25118	191	34	41	50	14	39	-0	24	ND		2.830
127	12	3	47.177	2216	49	53.62N	19	50.72E	49	28N	19	43E	604887	25119	191	33	41	59	14	39	-0	25	ND		2.835
128	12	3	49.396	2219	49	44.64N	19	47.88E	49	19N	19	40E	604765	25119	191	31	42	8	14	40	-0	25	ND		2.832
129	12	3	51.615	2220	49	35.65N	19	45.07E	49	10N	19	37E	604643	25119	191	30	42	17	14	40	-0	25	ND		2.830
130	12	3	53.835	2220	49	26.67N	19	42.26E	49	1N	19	35E	604522	25119	191	29	42	25	14	41	-0	26	ND		2.830
131	12	3	56.056	2220	49	17.68N	19	39.47E	48	52N	19	32E	604402	25120	191	27	42	34	14	41	-0	27	ND		2.830
132	12	3	58.275	2220	49	8.69N	19	36.69E	48	43N	19	29E	604283	25120	191	26	42	43	14	41	-0	27	ND		2.830
133	12	4	0.495	2220	48	59.71N	19	33.93E	48	34N	19	26E	604165	25120	191	25	42	51	14	42	-0	28	ND		2.830
134	12	4	2.710	2215	48	50.74N	19	31.18E	48	25N	19	24E	604048	25121	191	24	43	0	14	43	-0	28	ND		2.837
135	12	4	4.931	2220	48	41.74N	19	28.44E	48	16N	19	21E	603931	25121	191	22	43	9	14	43	-0	28	ND		2.830

Approved for Release 2001/08/31 : CIA-RDP78B04747A002600020001-2

FRAME EPHEMERIS MISSION 1018-2

PASS 91D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 70

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	12	4	7.150	2220	48	32.75N	19	25.72E	48	7N	19	18E	603815	25121	191	21	43	17	14	44	-0	29	ND		2.830
137	12	4	9.370	2220	48	23.76N	19	23.01E	47	58N	19	16E	603700	25121	191	20	43	26	14	44	-0	29	ND		2.830
138	12	4	11.591	2220	48	14.76N	19	20.31E	47	49N	19	13E	603585	25122	191	19	43	35	14	44	-0	29	ND		2.830
139	12	4	13.811	2220	48	5.77N	19	17.62E	47	40N	19	10E	603472	25122	191	18	43	44	14	45	-0	30	ND		2.830
140	12	4	16.030	2220	47	56.78N	19	14.94E	47	31N	19	8E	603360	25122	191	16	43	52	14	45	-0	30	ND		2.830
141	12	4	18.255	2225	47	47.76N	19	12.27E	47	22N	19	5E	603248	25123	191	15	44	1	14	45	-0	31	ND		2.824
142	12	4	20.472	2216	47	38.78N	19	9.63E	47	13N	19	2E	603137	25123	191	14	44	10	14	45	-0	31	ND		2.835
143	12	4	22.695	2224	47	29.76N	19	6.98E	47	4N	19	0E	603028	25123	191	13	44	18	14	46	-0	31	ND		2.825
144	12	4	24.915	2220	47	20.76N	19	4.36E	46	55N	18	57E	602918	25123	191	12	44	27	14	46	-0	31	ND		2.830
145	12	4	27.132	2216	47	11.78N	19	1.74E	46	46N	18	54E	602810	25124	191	11	44	36	14	46	-0	31	ND		2.835
146	12	4	29.354	2222	47	2.77N	18	59.14E	46	37N	18	52E	602703	25124	191	10	44	44	14	46	-0	31	ND		2.828
147	12	4	31.570	2217	46	53.78N	18	56.55E	46	28N	18	49E	602597	25124	191	9	44	53	14	47	-0	32	ND		2.834
148	12	4	33.795	2225	46	44.76N	18	53.96E	46	19N	18	47E	602491	25124	191	8	45	2	14	47	-0	32	ND		2.824
149	12	4	36.011	2215	46	35.77N	18	51.40E	46	10N	18	44E	602387	25125	191	6	45	10	14	47	-0	32	ND		2.837
150	12	4	38.227	2216	46	26.78N	18	48.84E	46	1N	18	42E	602283	25125	191	5	45	19	14	48	-0	32	ND		2.835
151	12	4	40.450	2224	46	17.76N	18	46.29E	45	52N	18	39E	602180	25125	191	4	45	28	14	47	-0	33	ND		2.825
152	12	4	42.666	2216	46	8.77N	18	43.76E	45	43N	18	37E	602078	25125	191	3	45	36	14	48	-0	33	ND		2.835
153	12	4	44.882	2215	45	59.78N	18	41.24E	45	34N	18	34E	601977	25126	191	2	45	45	14	48	-0	33	ND		2.837
154	12	4	47.105	2224	45	50.76N	18	38.72E	45	25N	18	32E	601877	25126	191	1	45	54	14	48	-0	33	ND		2.825
155	12	4	49.321	2216	45	41.77N	18	36.22E	45	16N	18	29E	601778	25126	191	0	46	2	14	48	-0	33	ND		2.835
156	12	4	51.540	2219	45	32.76N	18	33.72E	45	7N	18	27E	601680	25126	190	59	46	11	14	48	-0	33	ND		2.832
157	12	4	53.754	2214	45	23.78N	18	31.24E	44	58N	18	24E	601583	25127	190	58	46	20	14	48	-0	33	ND		2.838
158	12	4	55.976	2221	45	14.76N	18	28.77E	44	49N	18	22E	601486	25127	190	57	46	28	14	49	-0	33	ND		2.829
159	12	4	58.187	2211	45	5.78N	18	26.31E	44	40N	18	19E	601391	25127	190	56	46	37	14	49	-0	33	ND		2.842
160	12	5	0.410	2224	44	56.76N	18	23.85E	44	31N	18	17E	601296	25127	190	55	46	45	14	49	-0	33	ND		2.825
161	12	5	2.626	2216	44	47.76N	18	21.41E	44	22N	18	15E	601203	25128	190	55	46	54	14	49	-0	33	ND		2.835

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FRAME EPHEMERIS MISSION 1018-2

PASS 95D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 71

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	17	59	14.354	Ø	48	54.84N	69	16.74W	48	29N	69	26W	602914	25122	191	24	42	57	14	59	-1	4	ND		1.960
2	17	59	17.560	3205	48	41.86N	69	20.69W	48	16N	69	30W	602751	25122	191	22	43	10	15	1	-Ø	60	ND		1.960
3	17	59	20.096	2536	48	31.58N	69	23.81W	48	5N	69	33W	602625	25123	191	21	43	20	15	3	-Ø	57	ND		2.478
4	17	59	22.470	2374	48	21.97N	69	26.70W	47	56N	69	35W	602507	25123	191	19	43	29	15	5	-Ø	53	ND		2.647
5	17	59	24.779	2310	48	12.61N	69	29.51W	47	46N	69	38W	602393	25123	191	18	43	38	15	6	-Ø	51	ND		2.720
6	17	59	27.060	2280	48	3.37N	69	32.26W	47	37N	69	41W	602282	25124	191	17	43	47	15	8	-Ø	48	ND		2.756
7	17	59	29.329	2270	47	54.17N	69	35.00W	47	28N	69	43W	602172	25124	191	16	43	56	15	9	-Ø	45	ND		2.768
8	17	59	31.584	2255	47	45.03N	69	37.70W	47	19N	69	46W	602063	25124	191	15	44	5	15	10	-Ø	43	ND		2.786
9	17	59	33.834	2250	47	35.91N	69	40.38W	47	10N	69	48W	601956	25124	191	14	44	13	15	10	-Ø	40	ND		2.793
10	17	59	36.084	2250	47	26.79N	69	43.05W	47	ØN	69	51W	601849	25125	191	12	44	22	15	10	-Ø	39	ND		2.793
11	17	59	38.334	2250	47	17.67N	69	45.71W	46	51N	69	53W	601744	25125	191	11	44	31	15	9	-Ø	38	ND		2.793
12	17	59	40.584	2250	47	8.55N	69	48.35W	46	42N	69	56W	601639	25125	191	10	44	40	15	9	-Ø	36	ND		2.793
13	17	59	42.824	2240	46	59.46N	69	50.98W	46	33N	69	58W	601536	25125	191	9	44	48	15	9	-Ø	34	ND		2.805
14	17	59	45.065	2241	46	50.38N	69	53.59W	46	24N	70	1W	601434	25126	191	8	44	57	15	8	-Ø	33	ND		2.804
15	17	59	47.312	2246	46	41.27N	69	56.19W	46	15N	70	3W	601332	25126	191	7	45	6	15	7	-Ø	31	ND		2.798
16	17	59	49.549	2238	46	32.19N	69	58.78W	46	6N	70	6W	601231	25126	191	6	45	15	15	6	-Ø	30	ND		2.808
17	17	59	51.789	2240	46	23.10N	70	1.36W	45	57N	70	8W	601132	25126	191	5	45	23	15	5	-Ø	28	ND		2.805
18	17	59	54.020	2230	46	14.05N	70	3.91W	45	48N	70	11W	601034	25127	191	4	45	32	15	3	-Ø	27	ND		2.818
19	17	59	56.254	2235	46	4.99N	70	6.46W	45	39N	70	13W	600936	25127	191	3	45	41	15	2	-Ø	26	ND		2.811
20	17	59	58.489	2235	45	55.92N	70	9.00W	45	30N	70	16W	600839	25127	191	2	45	49	15	Ø	-Ø	25	ND		2.811
21	18	Ø	Ø.725	2235	45	46.85N	70	11.53W	45	21N	70	18W	600744	25127	191	1	45	58	14	58	-Ø	24	ND		2.811
22	18	Ø	2.959	2235	45	37.78N	70	14.04W	45	12N	70	21W	600649	25128	191	Ø	46	7	14	56	-Ø	23	ND		2.811
23	18	Ø	39.214	36255	43	10.53N	70	53.49W	42	45N	71	1W	599243	25131	190	45	48	27	14	42	-Ø	53	ND		Ø.173
24	18	Ø	42.324	3110	42	57.89N	70	56.75W	42	32N	71	4W	599134	25131	190	44	48	39	14	42	-Ø	53	ND		2.020
25	18	Ø	44.819	2495	42	47.74N	70	59.37W	42	22N	71	7W	599048	25132	190	43	48	49	14	42	-Ø	53	ND		2.518
26	18	Ø	47.164	2345	42	38.21N	71	1.81W	42	13N	71	9W	598969	25132	190	42	48	58	14	42	-Ø	54	ND		2.679
27	18	Ø	49.454	2290	42	28.90N	71	4.19W	42	4N	71	11W	598892	25132	190	41	49	7	14	42	-Ø	53	ND		2.744
28	18	Ø	51.725	2270	42	19.67N	71	6.53W	41	54N	71	14W	598817	25132	190	40	49	16	14	42	-Ø	53	ND		2.768
29	18	Ø	53.979	2255	42	10.50N	71	8.86W	41	45N	71	16W	598744	25132	190	39	49	25	14	43	-Ø	53	ND		2.786
30	18	Ø	56.229	2250	42	1.35N	71	11.17W	41	36N	71	18W	598672	25133	190	39	49	33	14	43	-Ø	52	ND		2.793
31	18	Ø	58.475	2245	41	52.22N	71	13.46W	41	27N	71	20W	598601	25133	190	38	49	42	14	43	-Ø	52	ND		2.799
32	18	1	Ø.720	2245	41	43.09N	71	15.75W	41	18N	71	23W	598531	25133	190	37	49	51	14	44	-Ø	52	ND		2.799
33	18	1	2.959	2240	41	33.98N	71	18.03W	41	9N	71	25W	598463	25133	190	36	49	59	14	44	-Ø	51	ND		2.805
34	18	1	5.199	2240	41	24.87N	71	20.30W	40	59N	71	27W	598395	25133	190	35	50	8	14	45	-Ø	49	ND		2.805
35	18	1	7.436	2236	41	15.77N	71	22.55W	40	50N	71	29W	598328	25133	190	35	50	17	14	45	-Ø	49	ND		2.810
36	18	1	9.674	2239	41	6.66N	71	24.80W	40	41N	71	31W	598263	25134	190	34	50	25	14	46	-Ø	48	ND		2.806
37	18	1	11.909	2235	40	57.57N	71	27.04W	40	32N	71	34W	598198	25134	190	33	50	34	14	46	-Ø	47	ND		2.811
38	18	1	14.141	2231	40	48.49N	71	29.27W	40	23N	71	36W	598134	25134	190	32	50	43	14	47	-Ø	46	ND		2.816
39	18	1	16.374	2234	40	39.40N	71	31.49W	40	14N	71	38W	598073	25134	190	32	50	51	14	48	-Ø	45	ND		2.813
40	18	1	18.609	2235	40	30.30N	71	33.71W	40	5N	71	40W	598012	25134	190	31	51	Ø	14	49	-Ø	44	ND		2.811
41	18	1	20.840	2231	40	21.22N	71	35.91W	39	56N	71	42W	597951	25134	190	30	51	8	14	49	-Ø	43	ND		2.816
42	18	1	23.074	2234	40	12.13N	71	38.11W	39	46N	71	44W	597892	25135	190	30	51	17	14	50	-Ø	42	ND		2.813
43	18	1	25.305	2230	40	3.05N	71	40.30W	39	37N	71	46W	597834	25135	190	29	51	26	14	51	-Ø	41	ND		2.818
44	18	1	27.534	2230	39	53.98N	71	42.48W	39	28N	71	49W	597777	25135	190	28	51	34	14	52	-Ø	39	ND		2.818
45	18	5	43.754	56220	22	27.85N	75	18.98W	22	1N	75	23W	599189	25133	189	42	67	19	15	12	-Ø	13	ND		Ø.025

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FRAME EPHEMERIS MISSION 1018-2

PASS 95D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 72

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	18	5	46.904	3150	22	14.96N	75	21.34W	21	48N	75	25W	599313	25133	189	41	67	30	15	13	-0	13	ND		1.995
47	18	5	49.424	2520	22	4.65N	75	23.23W	21	38N	75	27W	599414	25133	189	41	67	38	15	13	-0	13	ND		2.493
48	18	5	51.784	2360	21	54.99N	75	25.00W	21	28N	75	29W	599511	25133	189	41	67	46	15	12	-0	12	ND		2.662
49	18	5	54.089	2305	21	45.56N	75	26.72W	21	19N	75	30W	599607	25132	189	41	67	54	15	12	-0	12	ND		2.726
50	18	5	56.364	2275	21	36.25N	75	28.42W	21	10N	75	32W	599703	25132	189	40	68	2	15	12	-0	12	ND		2.762
51	18	5	58.629	2265	21	26.99N	75	30.11W	21	0N	75	34W	599801	25132	189	40	68	9	15	11	-0	12	ND		2.774
52	18	6	0.890	2260	21	17.74N	75	31.79W	20	51N	75	35W	599899	25132	189	40	68	17	15	10	-0	11	ND		2.780
53	18	6	3.140	2250	21	8.53N	75	33.46W	20	42N	75	37W	599999	25131	189	40	68	24	15	9	-0	11	ND		2.793
54	18	6	5.390	2250	20	59.32N	75	35.13W	20	33N	75	39W	600100	25131	189	40	68	32	15	8	-0	10	ND		2.793
55	18	6	7.640	2250	20	50.11N	75	36.80W	20	24N	75	40W	600202	25131	189	40	68	39	15	7	-0	9	ND		2.793
56	18	6	9.879	2240	20	40.95N	75	38.46W	20	14N	75	42W	600305	25131	189	39	68	46	15	6	-0	8	ND		2.805
57	18	6	12.129	2250	20	31.74N	75	40.12W	20	5N	75	44W	600410	25131	189	39	68	54	15	5	-0	7	ND		2.793
58	18	6	14.369	2240	20	22.58N	75	41.78W	19	56N	75	45W	600517	25130	189	39	69	1	15	4	-0	5	ND		2.805
59	18	6	16.614	2245	20	13.39N	75	43.43W	19	47N	75	47W	600624	25130	189	39	69	8	15	2	-0	4	ND		2.799
60	18	6	18.850	2235	20	4.24N	75	45.08W	19	38N	75	48W	600734	25130	189	39	69	16	15	0	-0	2	ND		2.811
61	18	6	21.095	2245	19	55.05N	75	46.73W	19	29N	75	50W	600844	25130	189	38	69	23	14	59	-0	0	ND		2.799
62	18	6	23.334	2240	19	45.89N	75	48.38W	19	20N	75	51W	600956	25129	189	38	69	30	14	57	0	2	ND		2.805
63	18	6	25.574	2240	19	36.72N	75	50.02W	19	11N	75	53W	601070	25129	189	38	69	37	14	55	0	4	ND		2.805
64	18	6	27.810	2235	19	27.57N	75	51.66W	19	1N	75	55W	601184	25129	189	38	69	44	14	54	0	8	ND		2.811
65	18	6	30.049	2240	19	18.40N	75	53.30W	18	52N	75	56W	601300	25129	189	38	69	51	14	52	0	11	ND		2.805
66	18	6	32.289	2240	19	9.23N	75	54.93W	18	43N	75	58W	601417	25128	189	38	69	58	14	50	0	15	ND		2.805
67	18	6	34.529	2240	19	0.07N	75	56.57W	18	34N	75	59W	601536	25128	189	37	70	5	14	48	0	19	ND		2.805

FRAME EPHEMERIS MISSION 1018-2

PASS 96D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 73

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	19	32	5.384	0	32	25.45N	95	34.74W	32	1N	95	39W	596318	25139	190	2	58	31	14	17	-0	7	ND		2.001
2	19	32	8.524	3140	32	12.63N	95	37.41W	31	48N	95	41W	596321	25139	190	1	58	43	14	16	-0	6	ND		2.001
3	19	32	11.033	2509	32	2.39N	95	39.54W	31	38N	95	43W	596325	25139	190	1	58	52	14	15	-0	5	ND		2.504
4	19	32	13.393	2359	31	52.75N	95	41.53W	31	28N	95	45W	596330	25139	190	0	59	1	14	14	-0	5	ND		2.663
5	19	32	15.699	2307	31	43.34N	95	43.48W	31	19N	95	47W	596336	25139	190	0	59	10	14	13	-0	4	ND		2.724
6	19	32	17.975	2275	31	34.05N	95	45.39W	31	9N	95	49W	596345	25139	189	59	59	18	14	11	-0	3	ND		2.762
7	19	32	20.239	2265	31	24.80N	95	47.29W	31	0N	95	51W	596354	25139	189	59	59	26	14	10	-0	3	ND		2.774
8	19	32	22.490	2251	31	15.61N	95	49.17W	30	51N	95	53W	596364	25139	189	59	59	35	14	8	-0	2	ND		2.791
9	19	32	24.744	2254	31	6.40N	95	51.06W	30	42N	95	55W	596376	25139	189	58	59	43	14	6	-0	1	ND		2.788
10	19	32	26.989	2245	30	57.23N	95	52.93W	30	33N	95	56W	596388	25139	189	58	59	51	14	4	-0	1	ND		2.799
11	19	32	29.234	2245	30	48.06N	95	54.79W	30	24N	95	58W	596403	25139	189	57	59	59	14	2	-0	1	ND		2.799
12	19	32	31.480	2246	30	38.89N	95	56.66W	30	15N	96	0W	596417	25139	189	57	60	8	13	60	-0	1	ND		2.798
13	19	32	33.725	2244	30	29.72N	95	58.52W	30	5N	96	2W	596434	25139	189	57	60	16	13	58	-0	0	ND		2.800
14	19	32	35.964	2240	30	20.58N	96	0.37W	29	56N	96	4W	596452	25139	189	56	60	24	13	57	-0	0	ND		2.805
15	19	32	38.204	2240	30	11.43N	96	2.21W	29	47N	96	6W	596471	25139	189	56	60	32	13	55	0	0	ND		2.805
16	19	32	40.444	2240	30	2.27N	96	4.05W	29	38N	96	7W	596491	25139	189	56	60	41	13	53	0	1	ND		2.805
17	19	32	42.685	2240	29	53.12N	96	5.89W	29	29N	96	9W	596513	25139	189	55	60	49	13	51	0	1	ND		2.805
18	19	32	44.919	2235	29	43.99N	96	7.72W	29	20N	96	11W	596536	25139	189	55	60	57	13	49	0	1	ND		2.811
19	19	32	47.154	2235	29	34.86N	96	9.55W	29	11N	96	13W	596560	25138	189	54	61	5	13	47	0	1	ND		2.811
20	19	32	49.395	2240	29	25.71N	96	11.38W	29	2N	96	15W	596586	25138	189	54	61	13	13	45	0	2	ND		2.805
21	19	32	51.634	2240	29	16.56N	96	13.20W	28	53N	96	16W	596612	25138	189	54	61	22	13	44	0	1	ND		2.805
22	19	32	53.865	2231	29	7.44N	96	15.01W	28	44N	96	18W	596640	25138	189	53	61	30	13	43	0	2	ND		2.816
23	19	32	56.100	2234	28	58.31N	96	16.82W	28	35N	96	20W	596670	25138	189	53	61	38	13	42	0	2	ND		2.813
24	19	32	58.334	2235	28	49.18N	96	18.63W	28	25N	96	22W	596700	25138	189	53	61	46	13	41	0	2	ND		2.811
25	19	33	0.569	2235	28	40.05N	96	20.43W	28	16N	96	24W	596733	25138	189	52	61	54	13	41	0	2	ND		2.811
26	19	33	2.805	2235	28	30.91N	96	22.24W	28	7N	96	25W	596766	25138	189	52	62	2	13	41	0	2	ND		2.811
27	19	33	5.039	2235	28	21.78N	96	24.03W	27	58N	96	27W	596801	25138	189	52	62	10	13	41	0	2	ND		2.811
28	19	33	7.274	2235	28	12.65N	96	25.83W	27	49N	96	29W	596837	25138	189	51	62	19	13	41	0	2	ND		2.811
29	19	33	9.509	2235	28	3.51N	96	27.62W	27	40N	96	31W	596874	25138	189	51	62	27	13	42	0	2	ND		2.811
30	19	33	11.744	2235	27	54.38N	96	29.40W	27	31N	96	33W	596913	25138	189	51	62	35	13	42	0	2	ND		2.811
31	19	33	13.975	2230	27	45.26N	96	31.18W	27	21N	96	34W	596952	25138	189	51	62	43	13	42	0	2	ND		2.818
32	19	33	16.209	2235	27	36.13N	96	32.96W	27	12N	96	36W	596993	25138	189	50	62	51	13	43	0	2	ND		2.811
33	19	33	18.444	2235	27	26.99N	96	34.74W	27	3N	96	38W	597036	25138	189	50	62	59	13	44	0	2	ND		2.811
34	19	33	20.680	2235	27	17.85N	96	36.51W	26	54N	96	40W	597080	25137	189	50	63	7	13	45	0	2	ND		2.811
35	19	33	22.909	2230	27	8.74N	96	38.28W	26	45N	96	41W	597125	25137	189	49	63	15	13	46	0	3	ND		2.818
36	19	33	25.145	2235	26	59.60N	96	40.04W	26	36N	96	43W	597172	25137	189	49	63	23	13	47	0	3	ND		2.811
37	19	33	27.374	2230	26	50.49N	96	41.80W	26	27N	96	45W	597219	25137	189	49	63	32	13	48	0	3	ND		2.818
38	19	33	29.609	2235	26	41.35N	96	43.56W	26	17N	96	47W	597268	25137	189	48	63	40	13	50	0	3	ND		2.811
39	19	33	31.839	2230	26	32.24N	96	45.32W	26	8N	96	48W	597318	25137	189	48	63	48	13	51	0	3	ND		2.818
40	19	33	34.069	2230	26	23.12N	96	47.07W	25	59N	96	50W	597370	25137	189	48	63	56	13	52	0	3	ND		2.818
41	19	33	36.299	2230	26	14.00N	96	48.81W	25	50N	96	52W	597423	25137	189	48	64	4	13	54	0	2	ND		2.818
42	19	33	38.534	2235	26	4.86N	96	50.56W	25	41N	96	54W	597478	25137	189	47	64	12	13	55	0	2	ND		2.811
43	19	33	40.765	2230	25	55.74N	96	52.30W	25	31N	96	55W	597534	25137	189	47	64	20	13	57	0	2	ND		2.818
44	19	33	42.995	2231	25	46.62N	96	54.04W	25	22N	96	57W	597591	25136	189	47	64	28	13	59	0	2	ND		2.816
45	19	33	45.229	2234	25	37.48N	96	55.78W	25	13N	96	59W	597649	25136	189	47	64	36	14	1	0	2	ND		2.813

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84870-65

FRAME EPHEMERIS MISSION 1018-2

PASS 96D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 74

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH		ROLL		YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG	MIN	DEG	MIN	DEG MIN	RATE
46	19	33	47.459	2230	25	28.37N	96	57.51W	25	4N	97	1W	597709	25136	189	46	64	44	14	3	Ø	2	ND	2.818
47	19	33	49.690	2231	25	19.24N	96	59.24W	24	55N	97	2W	597770	25136	189	46	64	52	14	5	Ø	2	ND	2.816
48	19	33	51.924	2234	25	10.11N	97	Ø.97W	24	46N	97	4W	597833	25136	189	46	65	Ø	14	7	Ø	2	ND	2.813
49	19	33	54.154	2230	25	Ø.99N	97	2.69W	24	36N	97	6W	597897	25136	189	46	65	7	14	9	Ø	2	ND	2.818
50	19	33	56.384	2230	24	51.87N	97	4.41W	24	27N	97	7W	597962	25136	189	45	65	15	14	11	Ø	2	ND	2.818
51	19	33	58.615	2231	24	42.74N	97	6.13W	24	18N	97	9W	598028	25135	189	45	65	23	14	12	Ø	2	ND	2.816
52	19	34	Ø.850	2234	24	33.61N	97	7.85W	24	9N	97	11W	598097	25135	189	45	65	31	14	14	Ø	2	ND	2.813
53	19	34	3.079	2230	24	24.49N	97	9.56W	24	ØN	97	13W	598166	25135	189	45	65	39	14	16	Ø	2	ND	2.818

FRAME EPHEMERIS . MISSION 1018-2

PASS 97D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 75

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	20	56	41.439	0	49	28.83N	113	30.61W	49	4N	113	37W	603014	25121	191	29	42	23	14	14	-0	5	ND		1.997
2	20	56	44.585	3146	49	16.10N	113	34.56W	48	51N	113	41W	602853	25122	191	27	42	35	14	17	-0	7	ND		1.997
3	20	56	47.104	2519	49	5.89N	113	37.71W	48	41N	113	44W	602726	25122	191	25	42	45	14	21	-0	9	ND		2.494
4	20	56	49.470	2365	48	56.32N	113	40.65W	48	31N	113	47W	602607	25122	191	24	42	54	14	23	-0	11	ND		2.657
5	20	56	51.770	2300	48	47.00N	113	43.49W	48	22N	113	50W	602492	25122	191	23	43	3	14	26	-0	12	ND		2.732
6	20	56	54.049	2280	48	37.77N	113	46.30W	48	13N	113	53W	602379	25123	191	22	43	12	14	28	-0	13	ND		2.756
7	20	56	56.310	2260	48	28.61N	113	49.06W	48	3N	113	56W	602268	25123	191	20	43	21	14	30	-0	13	ND		2.780
8	20	56	58.564	2255	48	19.48N	113	51.81W	47	54N	113	58W	602159	25123	191	19	43	30	14	32	-0	14	ND		2.786
9	20	57	0.819	2255	48	10.34N	113	54.55W	47	45N	114	1W	602050	25124	191	18	43	39	14	34	-0	14	ND		2.786
10	20	57	3.069	2250	48	1.22N	113	57.27W	47	36N	114	4W	601942	25124	191	17	43	48	14	35	-0	13	ND		2.793
11	20	57	5.315	2246	47	52.12N	113	59.96W	47	27N	114	7W	601835	25124	191	16	43	57	14	36	-0	14	ND		2.798
12	20	57	7.560	2244	47	43.02N	114	2.65W	47	18N	114	9W	601729	25124	191	14	44	5	14	37	-0	13	ND		2.800
13	20	57	9.805	2245	47	33.92N	114	5.32W	47	8N	114	12W	601625	25125	191	13	44	14	14	38	-0	12	ND		2.799
14	20	57	12.044	2240	47	24.85N	114	7.98W	46	59N	114	14W	601520	25125	191	12	44	23	14	39	-0	11	ND		2.805
15	20	57	14.284	2240	47	15.76N	114	10.62W	46	50N	114	17W	601417	25125	191	11	44	32	14	39	-0	10	ND		2.805
16	20	57	16.520	2235	47	6.70N	114	13.25W	46	41N	114	19W	601315	25125	191	10	44	41	14	40	-0	8	ND		2.811
17	20	57	18.754	2235	46	57.64N	114	15.86W	46	32N	114	22W	601214	25126	191	9	44	49	14	40	-0	7	ND		2.811
18	20	57	20.994	2240	46	48.56N	114	18.47W	46	23N	114	24W	601114	25126	191	8	44	58	14	41	-0	5	ND		2.805
19	20	57	23.229	2235	46	39.49N	114	21.06W	46	14N	114	27W	601014	25126	191	7	45	7	14	41	-0	3	ND		2.811
20	20	57	25.464	2235	46	30.43N	114	23.64W	46	5N	114	29W	600917	25126	191	6	45	15	14	41	-0	2	ND		2.811
21	20	57	27.699	2235	46	21.36N	114	26.21W	45	56N	114	32W	600819	25127	191	5	45	24	14	41	-0	0	ND		2.811
22	20	57	29.935	2235	46	12.29N	114	28.77W	45	47N	114	34W	600723	25127	191	4	45	33	14	41	0	2	ND		2.811
23	20	57	32.169	2235	46	3.22N	114	31.32W	45	38N	114	37W	600627	25127	191	2	45	42	14	41	0	4	ND		2.811
24	20	57	34.404	2235	45	54.15N	114	33.85W	45	29N	114	39W	600532	25127	191	1	45	50	14	41	0	6	ND		2.811
25	21	0	16.616	62212	34	54.03N	117	15.24W	34	29N	117	20W	596346	25138	190	9	56	15	14	42	-0	26	ND		0.039
26	21	0	19.214	2598	34	43.44N	117	17.54W	34	18N	117	22W	596326	25138	190	9	56	25	14	41	-0	28	ND		2.418
27	21	0	21.720	2505	34	33.21N	117	19.75W	34	8N	117	25W	596308	25138	190	8	56	34	14	39	-0	29	ND		2.508
28	21	0	24.069	2350	34	23.63N	117	21.82W	33	58N	117	27W	596293	25138	190	7	56	43	14	38	-0	31	ND		2.674
29	21	0	26.364	2295	34	14.27N	117	23.84W	33	49N	117	29W	596279	25138	190	7	56	52	14	37	-0	32	ND		2.738
30	21	0	28.640	2275	34	4.98N	117	25.83W	33	40N	117	31W	596268	25138	190	7	57	0	14	36	-0	32	ND		2.762
31	21	0	30.899	2260	33	55.76N	117	27.80W	33	31N	117	33W	596256	25139	190	6	57	9	14	35	-0	32	ND		2.780
32	21	0	33.154	2255	33	46.56N	117	29.76W	33	21N	117	35W	596246	25139	190	6	57	17	14	34	-0	31	ND		2.786
33	21	0	35.404	2250	33	37.38N	117	31.72W	33	12N	117	37W	596238	25139	190	5	57	26	14	33	-0	30	ND		2.793
34	21	0	37.649	2245	33	28.22N	117	33.66W	33	3N	117	38W	596231	25139	190	5	57	34	14	32	-0	28	ND		2.799
35	21	0	39.895	2245	33	19.05N	117	35.60W	32	54N	117	40W	596225	25139	190	4	57	43	14	31	-0	27	ND		2.799
36	21	0	42.134	2240	33	9.92N	117	37.53W	32	45N	117	42W	596220	25139	190	4	57	51	14	30	-0	25	ND		2.805
37	21	0	44.374	2240	33	0.77N	117	39.46W	32	36N	117	44W	596217	25139	190	3	57	59	14	30	-0	22	ND		2.805
38	21	0	46.614	2240	32	51.63N	117	41.38W	32	27N	117	46W	596214	25139	190	3	58	8	14	29	-0	20	ND		2.805
39	21	0	48.854	2240	32	42.48N	117	43.30W	32	17N	117	48W	596214	25139	190	2	58	16	14	28	-0	16	ND		2.805
40	21	0	51.095	2240	32	33.34N	117	45.21W	32	8N	117	49W	596213	25139	190	2	58	24	14	27	-0	13	ND		2.805
41	21	0	53.294	2200	32	24.36N	117	47.09W	31	59N	117	51W	596215	25139	190	2	58	33	14	26	-0	9	ND		2.856
42	21	0	55.489	2195	32	15.40N	117	48.95W	31	50N	117	53W	596217	25139	190	1	58	41	14	26	-0	5	ND		2.862
43	21	0	57.680	2190	32	6.46N	117	50.81W	31	41N	117	54W	596222	25139	190	1	58	49	14	25	-0	1	ND		2.869
44	21	0	59.879	2200	31	57.48N	117	52.67W	31	32N	117	56W	596226	25139	190	0	58	57	14	25	0	3	ND		2.856
45	21	1	2.104	2225	31	48.39N	117	54.55W	31	23N	117	58W	596233	25139	190	0	59	5	14	24	0	7	ND		2.824

Approved For Release 2007/06/09 : CIA-RDP78T05439A000500140056-4

FRAME EPHEMERIS MISSION 1018-2

PASS 97D FWD 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 76

FRM	Z TIME			DTIM	CAMERA NADIR				FORMAT CENTER													
	HR	MI	SEC	MILS	LAT DEG	LAT MIN	LONG DEG	LONG MIN	LAT DEG	LAT MIN	LONG DEG	LONG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	AZIMUTH MI	SUN/ DEG	SUN/ MI	PITCH DEG	PITCH MIN	ROLL DEG	ROLL MIN	YAW DEG	YAW MIN	SCAN RATE
46	21	1	4.305	2200	31	39.41N	117	56.40W	31	14N	118	0W	596240	25139	190	0	59	13	14	24	0	11	ND		2.856

HANDLE VIA
ALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

S-17802

TCS 84869-65

FRAME EPHEMERIS MISSION 1018-1

PASS 1D AFT 25MAR65 ID 44 LIST DATE 27APR65 PAGE 82

FR	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	22	39	10.708	0	54	40.97N	137	19.00W	55	9N	137	10W	643827	25050	192	23	34	13	ND		ND		ND		2.101
2	22	39	13.698	2990	54	28.95N	137	23.54W	54	57N	137	15W	643429	25051	192	21	34	24	ND		ND		ND		2.101
3	22	39	16.343	2645	54	18.32N	137	27.52W	54	46N	137	19W	643079	25052	192	19	34	35	ND		ND		ND		2.375
4	22	39	18.863	2520	54	8.18N	137	31.29W	54	36N	137	23W	642746	25053	192	16	34	45	ND		ND		ND		2.493
5	22	39	21.328	2465	53	58.27N	137	34.95W	54	26N	137	26W	642421	25053	192	14	34	55	ND		ND		ND		2.549
6	22	39	23.769	2440	53	48.45N	137	38.55W	54	16N	137	30W	642101	25054	192	13	35	4	ND		ND		ND		2.575
7	22	39	26.189	2421	53	38.71N	137	42.10W	54	7N	137	34W	641783	25055	192	11	35	14	ND		ND		ND		2.595
8	22	39	28.604	2414	53	28.99N	137	45.62W	53	57N	137	37W	641467	25056	192	9	35	23	ND		ND		ND		2.603
9	22	39	31.009	2406	53	19.31N	137	49.10W	53	47N	137	41W	641154	25056	192	7	35	33	ND		ND		ND		2.611
10	22	39	33.409	2400	53	9.64N	137	52.55W	53	38N	137	44W	640842	25057	192	5	35	42	ND		ND		ND		2.618
11	22	39	35.809	2399	52	59.98N	137	55.99W	53	28N	137	48W	640531	25058	192	3	35	52	ND		ND		ND		2.619
12	22	39	38.199	2391	52	50.35N	137	59.38W	53	18N	137	51W	640222	25059	192	2	36	1	ND		ND		ND		2.628
13	22	39	40.589	2390	52	40.73N	138	2.76W	53	9N	137	55W	639914	25059	192	0	36	11	ND		ND		ND		2.629
14	22	39	42.979	2389	52	31.10N	138	6.12W	52	59N	137	58W	639607	25060	191	58	36	20	ND		ND		ND		2.630

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84869-65

PASS 2D AFT 26MAR65

FRAME EPHEMERIS MISSION 1018-1

ID 44

LIST DATE 27APR65 PAGE 83

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	0	17	6.019	0	18 33.92N	168 17.06W	19 0N	168 14W	603644	25146	189 37	68 18	ND	ND	ND	2.014
2	0	17	9.139	3120	18 21.13N	168 19.33W	18 48N	168 16W	603657	25146	189 37	68 28	ND	ND	ND	2.014
3	0	17	11.679	2540	18 10.73N	168 21.18W	18 37N	168 18W	603669	25146	189 37	68 37	ND	ND	ND	2.474
4	0	17	14.055	2376	18 1.00N	168 22.90W	18 27N	168 20W	603682	25146	189 36	68 45	ND	ND	ND	2.644
5	0	17	16.358	2304	17 51.56N	168 24.57W	18 18N	168 21W	603697	25146	189 36	68 52	ND	ND	ND	2.727
6	0	17	18.629	2270	17 42.26N	168 26.21W	18 9N	168 23W	603714	25146	189 36	69 0	ND	ND	ND	2.768
7	0	17	20.889	2260	17 33.00N	168 27.84W	17 59N	168 25W	603732	25146	189 36	69 7	ND	ND	ND	2.780
8	0	17	23.139	2250	17 23.78N	168 29.47W	17 50N	168 26W	603753	25146	189 36	69 15	ND	ND	ND	2.793
9	0	17	25.389	2250	17 14.56N	168 31.09W	17 41N	168 28W	603774	25146	189 36	69 22	ND	ND	ND	2.793
10	0	17	27.629	2240	17 5.38N	168 32.70W	17 32N	168 30W	603798	25146	189 36	69 29	ND	ND	ND	2.805
11	0	17	29.868	2240	16 56.21N	168 34.32W	17 23N	168 31W	603822	25146	189 35	69 37	ND	ND	ND	2.805
12	0	17	32.108	2240	16 47.03N	168 35.93W	17 13N	168 33W	603850	25146	189 35	69 44	ND	ND	ND	2.805
13	0	17	34.349	2240	16 37.85N	168 37.53W	17 4N	168 35W	603878	25146	189 35	69 51	ND	ND	ND	2.805
14	0	17	36.584	2235	16 28.69N	168 39.14W	16 55N	168 36W	603908	25146	189 35	69 59	ND	ND	ND	2.811
15	0	17	38.813	2230	16 19.55N	168 40.74W	16 46N	168 38W	603940	25146	189 35	70 6	ND	ND	ND	2.818
16	0	17	41.054	2240	16 10.38N	168 42.34W	16 37N	168 39W	603973	25145	189 35	70 13	ND	ND	ND	2.805
17	0	17	43.284	2231	16 1.24N	168 43.93W	16 28N	168 41W	604009	25145	189 35	70 20	ND	ND	ND	2.816
18	0	17	45.515	2230	15 52.10N	168 45.53W	16 19N	168 43W	604046	25145	189 34	70 27	ND	ND	ND	2.818
19	0	17	47.748	2234	15 42.94N	168 47.12W	16 9N	168 44W	604085	25145	189 34	70 34	ND	ND	ND	2.813

FRAME EPHEMERIS MISSION 1018-1

PASS 5D AFT 26MAR65 ID 44 LIST DATE 27APR65 PAGE 84

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	4	30	42.104	0	72	55.92N	146	13.77E	73	24N	146	50E	680713	24962	201	45	16	14	ND	ND	ND	1.755
2	4	30	45.684	3580	72	42.31N	145	55.51E	73	10N	146	31E	680169	24963	201	30	16	28	ND	ND	ND	1.755
3	4	30	48.609	2926	72	31.16N	145	40.91E	72	59N	146	15E	679724	24964	201	17	16	40	ND	ND	ND	2.147
4	4	30	51.363	2754	72	20.66N	145	27.42E	72	49N	146	1E	679306	24965	201	6	16	51	ND	ND	ND	2.281
5	4	30	54.049	2685	72	10.40N	145	14.51E	72	39N	145	48E	678899	24966	200	55	17	2	ND	ND	ND	2.340
6	4	30	56.703	2655	72	0.25N	145	1.97E	72	28N	145	35E	678497	24967	200	44	17	12	ND	ND	ND	2.367
7	4	30	59.344	2640	71	50.14N	144	49.70E	72	18N	145	22E	678097	24968	200	33	17	23	ND	ND	ND	2.380
8	4	31	1.969	2625	71	40.07N	144	37.71E	72	8N	145	9E	677699	24969	200	23	17	33	ND	ND	ND	2.394
9	4	31	4.594	2625	71	30.00N	144	25.91E	71	58N	144	57E	677302	24970	200	13	17	43	ND	ND	ND	2.394
10	4	31	7.208	2615	71	19.95N	144	14.36E	71	48N	144	45E	676906	24970	200	4	17	54	ND	ND	ND	2.403
11	4	31	9.819	2611	71	9.91N	144	3.01E	71	38N	144	33E	676511	24971	199	54	18	4	ND	ND	ND	2.406
12	4	31	12.429	2609	70	59.86N	143	51.84E	71	28N	144	21E	676117	24972	199	45	18	14	ND	ND	ND	2.408
13	4	31	15.033	2605	70	49.82N	143	40.88E	71	18N	144	10E	675724	24973	199	36	18	25	ND	ND	ND	2.412
14	4	31	17.639	2605	70	39.77N	143	30.08E	71	8N	143	58E	675330	24974	199	27	18	35	ND	ND	ND	2.412
15	4	31	20.233	2595	70	29.75N	143	19.49E	70	58N	143	47E	674939	24975	199	18	18	45	ND	ND	ND	2.421
16	4	31	22.828	2595	70	19.72N	143	9.06E	70	48N	143	36E	674548	24976	199	9	18	56	ND	ND	ND	2.421
17	4	31	25.418	2590	70	9.70N	142	58.81E	70	38N	143	26E	674158	24977	199	1	19	6	ND	ND	ND	2.426
18	4	31	28.009	2590	69	59.67N	142	48.71E	70	28N	143	15E	673768	24978	198	53	19	16	ND	ND	ND	2.426
19	4	34	3.488	55480	59	46.46N	135	48.18E	60	15N	136	0E	651118	25031	193	41	29	33	ND	ND	ND	0.040

FRAME EPHEMERIS MISSION 1018-1

PASS 6D AFT 26MAR65 ID 44 LIST DATE 27APR65 PAGE 85

FR	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	R	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	5	59	36.694	0	73	22.92N	124	35.55E	73	51N	125	14E	681051	24960	202 18	15 46	ND	ND	ND	1.910
2	5	59	39.983	3289	73	10.46N	124	17.92E	73	39N	124	55E	680554	24962	202 2	15 59	ND	ND	ND	1.910
3	5	59	42.849	2865	72	59.59N	124	2.88E	73	28N	124	39E	680121	24963	201 49	16 10	ND	ND	ND	2.193
4	5	59	45.589	2740	72	49.17N	123	48.78E	73	17N	124	24E	679706	24964	201 37	16 21	ND	ND	ND	2.293
5	5	59	48.275	2687	72	38.95N	123	35.20E	73	7N	124	10E	679300	24965	201 26	16 32	ND	ND	ND	2.338
6	5	59	50.934	2658	72	28.82N	123	22.00E	72	57N	123	56E	678898	24965	201 14	16 43	ND	ND	ND	2.364
7	5	59	53.568	2635	72	18.76N	123	9.15E	72	47N	123	43E	678501	24966	201 3	16 53	ND	ND	ND	2.385
8	5	59	56.203	2635	72	8.70N	122	56.52E	72	37N	123	30E	678103	24967	200 52	17 3	ND	ND	ND	2.385
9	5	59	58.828	2625	71	58.65N	122	44.15E	72	27N	123	17E	677707	24968	200 42	17 14	ND	ND	ND	2.394
10	6	0	1.455	2627	71	48.59N	122	31.98E	72	17N	123	7E	677311	24969	200 32	17 24	-15 14	0 26	ND	2.392
11	6	0	4.068	2613	71	38.57N	122	20.08E	72	7N	122	55E	676917	24970	200 22	17 34	-15 15	0 27	ND	2.405
12	6	0	6.685	2616	71	28.53N	122	8.36E	71	57N	122	42E	676523	24971	200 12	17 44	-15 16	0 27	ND	2.402
13	6	0	9.293	2609	71	18.50N	121	56.86E	71	47N	122	30E	676130	24972	200 2	17 55	-15 16	0 27	ND	2.408
14	6	0	11.903	2610	71	8.46N	121	45.54E	71	37N	122	18E	675738	24973	199 53	18 5	-15 16	0 28	ND	2.407
15	6	0	14.509	2605	70	58.43N	121	34.42E	71	27N	122	7E	675346	24974	199 43	18 15	-15 16	0 27	ND	2.412
16	6	0	17.108	2600	70	48.40N	121	23.50E	71	17N	121	55E	674956	24975	199 34	18 26	-15 16	0 26	ND	2.417
17	6	0	19.703	2595	70	38.39N	121	12.77E	71	7N	121	44E	674566	24976	199 25	18 36	-15 17	0 26	ND	2.421
18	6	0	22.300	2596	70	28.36N	121	2.19E	70	57N	121	33E	674176	24976	199 17	18 46	-15 17	0 25	ND	2.420
19	6	0	24.890	2590	70	18.35N	120	51.81E	70	47N	121	22E	673788	24977	199 8	18 56	-15 18	0 23	ND	2.426
20	6	0	27.479	2589	70	8.33N	120	41.59E	70	37N	121	11E	673400	24978	199 0	19 7	-15 18	0 21	ND	2.427
21	6	0	30.063	2585	69	58.32N	120	31.53E	70	27N	121	0E	673013	24979	198 51	19 17	-15 18	0 19	ND	2.431
22	6	0	32.648	2585	69	48.29N	120	21.63E	70	17N	120	49E	672626	24980	198 43	19 27	-15 18	0 16	ND	2.431
23	6	0	35.229	2580	69	38.28N	120	11.88E	70	7N	120	39E	672240	24981	198 35	19 38	-15 18	0 13	ND	2.435
24	6	0	37.804	2575	69	28.28N	120	2.30E	69	57N	120	29E	671855	24982	198 28	19 48	-15 18	0 10	ND	2.440
25	6	0	40.380	2576	69	18.27N	119	52.85E	69	47N	120	19E	671471	24983	198 20	19 58	-15 18	0 7	ND	2.439
26	6	0	42.958	2579	69	8.24N	119	43.53E	69	37N	120	9E	671086	24984	198 12	20 8	-15 18	0 4	ND	2.436
27	6	0	45.528	2570	68	58.24N	119	34.36E	69	27N	119	59E	670703	24985	198 5	20 19	-15 18	0 1	ND	2.445
28	6	0	48.099	2570	68	48.23N	119	25.33E	69	17N	119	49E	670320	24985	197 58	20 29	-15 18	-0 2	ND	2.445
29	6	0	50.663	2565	68	38.23N	119	16.44E	69	7N	119	40E	669938	24986	197 51	20 39	-15 18	-0 4	ND	2.450
30	6	0	53.235	2572	68	28.20N	119	7.64E	68	57N	119	30E	669555	24987	197 44	20 49	-15 18	-0 6	ND	2.443
31	6	0	55.793	2558	68	18.21N	118	59.01E	68	47N	119	21E	669175	24988	197 37	20 59	-15 18	-0 7	ND	2.456
32	6	0	58.354	2560	68	8.21N	118	50.49E	68	37N	119	12E	668796	24989	197 30	21 10	-15 17	-0 9	ND	2.454
33	6	1	0.908	2555	67	58.22N	118	42.10E	68	27N	119	3E	668417	24990	197 24	21 20	-15 17	-0 10	ND	2.459
34	6	1	3.469	2560	67	48.21N	118	33.80E	68	17N	118	55E	668037	24991	197 17	21 30	-15 17	-0 11	ND	2.454
35	6	1	6.019	2550	67	38.23N	118	25.65E	68	7N	118	46E	667659	24992	197 11	21 40	-15 16	-0 11	ND	2.464
36	6	1	8.568	2550	67	28.24N	118	17.60E	67	57N	118	38E	667282	24993	197 4	21 50	-15 16	-0 11	ND	2.464
37	6	1	11.115	2547	67	18.26N	118	9.66E	67	47N	118	30E	666906	24993	196 58	22 0	-15 15	-0 9	ND	2.467
38	6	1	13.663	2548	67	8.27N	118	1.81E	67	37N	118	22E	666530	24994	196 52	22 10	-15 15	-0 8	ND	2.466
39	6	1	16.204	2541	66	58.30N	117	54.09E	67	27N	118	14E	666155	24995	196 46	22 20	-15 15	-0 7	ND	2.473
40	6	1	18.744	2540	66	48.33N	117	46.47E	67	17N	118	6E	665782	24996	196 40	22 31	-15 15	-0 6	ND	2.474
41	6	1	21.283	2539	66	38.36N	117	38.94E	67	7N	117	58E	665408	24997	196 35	22 41	-15 14	-0 6	ND	2.475
42	6	1	23.818	2535	66	28.39N	117	31.51E	66	57N	117	51E	665035	24998	196 29	22 51	-15 14	-0 5	ND	2.479
43	6	1	26.349	2530	66	18.45N	117	24.19E	66	47N	117	43E	664663	24999	196 23	23 1	-15 13	-0 5	ND	2.483
44	6	1	28.879	2530	66	8.49N	117	16.96E	66	37N	117	35E	664292	25000	196 18	23 11	-15 13	-0 5	ND	2.483
45	6	1	31.408	2530	65	58.53N	117	9.81E	66	27N	117	28E	663922	25000	196 13	23 21	-15 13	-0 5	ND	2.483

FRAME EPHEMERIS MISSION 1018-1 ID 44 LIST DATE 27APR65 PAGE 86

PASS 6D AFT 26MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	6	4	40.309	88900	53	24.96N	110	54.06E	53	53N	111	2E	637928	25062	192	8	35	49	ND		ND		ND		0.033
47	6	4	43.559	3250	53	11.88N	110	49.37E	53	40N	110	58E	637519	25063	192	5	36	2	ND		ND		ND		1.933
48	6	4	46.255	2696	53	1.02N	110	45.51E	53	29N	110	54E	637180	25063	192	3	36	13	ND		ND		ND		2.331
49	6	4	48.793	2539	52	50.79N	110	41.90E	53	18N	110	50E	636863	25064	192	2	36	23	ND		ND		ND		2.475
50	6	4	51.269	2475	52	40.82N	110	38.40E	53	9N	110	46E	636555	25065	192	0	36	33	ND		ND		ND		2.539
51	6	4	53.704	2436	52	31.00N	110	34.98E	52	59N	110	43E	636252	25066	191	58	36	42	ND		ND		ND		2.579
52	6	4	56.129	2424	52	21.23N	110	31.59E	52	49N	110	39E	635952	25066	191	56	36	52	ND		ND		ND		2.592
53	6	4	58.538	2410	52	11.52N	110	28.25E	52	39N	110	36E	635654	25067	191	55	37	1	ND		ND		ND		2.607
54	6	5	0.943	2405	52	1.82N	110	24.93E	52	29N	110	33E	635358	25068	191	53	37	11	ND		ND		ND		2.613
55	6	5	3.344	2400	51	52.14N	110	21.64E	52	20N	110	29E	635063	25068	191	51	37	20	ND		ND		ND		2.618
56	6	5	5.738	2395	51	42.49N	110	18.38E	52	10N	110	26E	634770	25069	191	50	37	30	ND		ND		ND		2.623
57	6	5	8.134	2395	51	32.83N	110	15.13E	52	0N	110	23E	634478	25070	191	48	37	39	ND		ND		ND		2.623
58	6	5	10.523	2390	51	23.19N	110	11.91E	51	51N	110	19E	634188	25071	191	46	37	49	ND		ND		ND		2.629
59	6	5	12.908	2385	51	13.56N	110	8.71E	51	41N	110	16E	633899	25071	191	45	37	58	ND		ND		ND		2.634
60	6	5	15.293	2385	51	3.94N	110	5.54E	51	32N	110	13E	633610	25072	191	43	38	7	ND		ND		ND		2.634
61	6	5	17.674	2380	50	54.33N	110	2.38E	51	22N	110	10E	633324	25073	191	42	38	17	ND		ND		ND		2.640
62	6	5	20.054	2380	50	44.73N	109	59.24E	51	12N	110	6E	633039	25073	191	40	38	26	ND		ND		ND		2.640
63	6	5	22.430	2376	50	35.13N	109	56.13E	51	3N	110	3E	632754	25074	191	39	38	36	ND		ND		ND		2.644
64	6	5	24.805	2375	50	25.54N	109	53.03E	50	53N	110	0E	632471	25075	191	37	38	45	ND		ND		ND		2.646
65	6	5	27.179	2374	50	15.96N	109	49.96E	50	43N	109	57E	632189	25075	191	36	38	54	ND		ND		ND		2.647
66	6	5	29.549	2370	50	6.39N	109	46.90E	50	34N	109	54E	631909	25076	191	34	39	4	ND		ND		ND		2.651
67	6	5	31.913	2365	49	56.84N	109	43.87E	50	24N	109	51E	631630	25077	191	33	39	13	ND		ND		ND		2.657
68	6	5	34.278	2365	49	47.28N	109	40.85E	50	15N	109	48E	631352	25077	191	32	39	22	ND		ND		ND		2.657
69	6	5	36.644	2365	49	37.72N	109	37.85E	50	5N	109	45E	631075	25078	191	30	39	32	ND		ND		ND		2.657
70	6	5	39.004	2360	49	28.19N	109	34.87E	49	56N	109	42E	630800	25079	191	29	39	41	ND		ND		ND		2.662
71	6	5	41.363	2360	49	18.65N	109	31.90E	49	46N	109	39E	630525	25079	191	28	39	50	ND		ND		ND		2.662
72	6	5	43.720	2356	49	9.13N	109	28.96E	49	37N	109	36E	630252	25080	191	26	40	0	ND		ND		ND		2.667
73	6	5	46.073	2354	48	59.61N	109	26.03E	49	27N	109	33E	629981	25081	191	25	40	9	ND		ND		ND		2.669
74	6	5	48.429	2355	48	50.09N	109	23.12E	49	18N	109	30E	629710	25081	191	24	40	18	ND		ND		ND		2.668
75	6	9	22.754	14325	34	19.36N	105	42.85E	34	46N	105	47E	610013	25128	190	7	54	13	ND		ND		ND		0.029
76	6	9	25.913	3160	34	6.47N	105	40.08E	34	33N	105	44E	609807	25129	190	7	54	25	ND		ND		ND		1.988
77	6	9	28.488	2575	33	55.97N	105	37.83E	34	23N	105	42E	609641	25129	190	6	54	35	ND		ND		ND		2.440
78	6	9	30.903	2415	33	46.12N	105	35.73E	34	13N	105	40E	609487	25130	190	6	54	44	ND		ND		ND		2.602
79	6	9	33.243	2340	33	36.57N	105	33.70E	34	3N	105	38E	609339	25130	190	5	54	53	ND		ND		ND		2.685
80	6	9	35.554	2310	33	27.15N	105	31.70E	33	54N	105	36E	609195	25130	190	5	55	2	ND		ND		ND		2.720
81	6	9	37.844	2290	33	17.80N	105	29.72E	33	44N	105	34E	609053	25131	190	4	55	10	ND		ND		ND		2.744
82	6	9	40.129	2285	33	8.48N	105	27.75E	33	35N	105	32E	608913	25131	190	4	55	19	ND		ND		ND		2.750
83	6	9	42.400	2272	32	59.21N	105	25.80E	33	26N	105	30E	608775	25131	190	3	55	28	ND		ND		ND		2.765
84	6	9	44.674	2273	32	49.93N	105	23.85E	33	17N	105	28E	608639	25132	190	3	55	36	ND		ND		ND		2.764
85	6	9	46.943	2270	32	40.67N	105	21.91E	33	7N	105	26E	608505	25132	190	2	55	45	ND		ND		ND		2.768
86	6	9	49.208	2265	32	31.43N	105	19.97E	32	58N	105	24E	608371	25132	190	2	55	54	ND		ND		ND		2.774
87	6	9	51.474	2265	32	22.18N	105	18.04E	32	49N	105	22E	608240	25133	190	2	56	2	ND		ND		ND		2.774
88	6	9	53.738	2265	32	12.94N	105	16.12E	32	40N	105	20E	608110	25133	190	1	56	11	ND		ND		ND		2.774
89	6	9	55.998	2260	32	3.72N	105	14.21E	32	30N	105	18E	607982	25133	190	1	56	20	ND		ND		ND		2.780
90	6	9	58.259	2260	31	54.49N	105	12.30E	32	21N	105	16E	607855	25134	190	0	56	28	ND		ND		ND		2.780

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	6	10	0.519	2260	31	45.26N	105	10.39E	32	12N	105	14E	607730	25134	190	0	56	37	ND	ND	ND	2.780
92	6	10	2.778	2260	31	36.04N	105	8.49E	32	3N	105	12E	607606	25134	190	0	56	45	ND	ND	ND	2.780
93	6	10	5.033	2255	31	26.83N	105	6.60E	31	53N	105	10E	607484	25135	189	59	56	54	ND	ND	ND	2.786
94	6	10	7.289	2256	31	17.62N	105	4.71E	31	44N	105	9E	607363	25135	189	59	57	2	ND	ND	ND	2.785
95	6	10	9.543	2254	31	8.42N	105	2.82E	31	35N	105	7E	607244	25135	189	58	57	11	ND	ND	ND	2.788
96	6	10	11.799	2255	30	59.20N	105	0.94E	31	26N	105	5E	607126	25135	189	58	57	19	ND	ND	ND	2.786
97	6	10	14.049	2250	30	50.02N	104	59.07E	31	17N	105	3E	607010	25136	189	58	57	28	ND	ND	ND	2.793
98	6	10	16.301	2252	30	40.82N	104	57.20E	31	7N	105	1E	606895	25136	189	57	57	36	ND	ND	ND	2.790
99	6	10	18.554	2253	30	31.62N	104	55.33E	30	58N	104	59E	606782	25136	189	57	57	45	ND	ND	ND	2.789
100	6	10	20.802	2248	30	22.44N	104	53.48E	30	49N	104	57E	606670	25137	189	56	57	53	ND	ND	ND	2.795
101	6	10	23.054	2252	30	13.24N	104	51.62E	30	40N	104	55E	606561	25137	189	56	58	2	ND	ND	ND	2.790
102	6	10	25.304	2250	30	4.05N	104	49.77E	30	31N	104	53E	606452	25137	189	56	58	10	ND	ND	ND	2.793
103	6	10	27.549	2245	29	54.88N	104	47.92E	30	21N	104	52E	606345	25137	189	55	58	19	ND	ND	ND	2.799
104	6	10	29.795	2246	29	45.70N	104	46.08E	30	12N	104	50E	606239	25138	189	55	58	27	ND	ND	ND	2.798
105	6	10	32.041	2247	29	36.53N	104	44.25E	30	3N	104	48E	606136	25138	189	55	58	36	ND	ND	ND	2.796
106	6	10	34.288	2247	29	27.35N	104	42.41E	29	54N	104	46E	606033	25138	189	54	58	44	ND	ND	ND	2.796
107	6	10	36.534	2246	29	18.17N	104	40.58E	29	45N	104	44E	605932	25138	189	54	58	53	ND	ND	ND	2.798
108	6	10	38.778	2244	29	9.00N	104	38.76E	29	36N	104	42E	605833	25139	189	54	59	1	ND	ND	ND	2.800
109	6	10	41.023	2245	28	59.82N	104	36.94E	29	26N	104	41E	605735	25139	189	53	59	9	ND	ND	ND	2.799
110	6	10	43.270	2246	28	50.65N	104	35.12E	29	17N	104	39E	605638	25139	189	53	59	18	ND	ND	ND	2.798
111	6	10	45.521	2252	28	41.44N	104	33.30E	29	8N	104	37E	605544	25139	189	53	59	26	ND	ND	ND	2.790
112	6	10	47.759	2237	28	32.30N	104	31.50E	28	59N	104	35E	605450	25140	189	52	59	35	ND	ND	ND	2.809
113	6	10	49.998	2240	28	23.15N	104	29.70E	28	50N	104	33E	605358	25140	189	52	59	43	ND	ND	ND	2.805
114	6	10	52.243	2245	28	13.97N	104	27.90E	28	40N	104	31E	605268	25140	189	52	59	51	ND	ND	ND	2.799
115	6	10	54.488	2245	28	4.80N	104	26.10E	28	31N	104	30E	605180	25140	189	51	60	0	ND	ND	ND	2.799
116	6	10	56.729	2240	27	55.64N	104	24.30E	28	22N	104	28E	605094	25140	189	51	60	8	ND	ND	ND	2.805
117	6	10	58.974	2245	27	46.46N	104	22.51E	28	13N	104	26E	605007	25141	189	51	60	16	ND	ND	ND	2.799
118	6	11	1.214	2240	27	37.30N	104	20.73E	28	4N	104	24E	604923	25141	189	50	60	25	ND	ND	ND	2.805
119	6	11	3.454	2241	27	28.14N	104	18.95E	27	55N	104	22E	604841	25141	189	50	60	33	ND	ND	ND	2.804
120	6	11	5.693	2239	27	18.99N	104	17.17E	27	45N	104	21E	604760	25141	189	50	60	41	ND	ND	ND	2.806
121	6	11	7.934	2240	27	9.83N	104	15.39E	27	36N	104	19E	604681	25141	189	49	60	50	ND	ND	ND	2.805
122	6	11	10.174	2240	27	0.67N	104	13.62E	27	27N	104	17E	604604	25142	189	49	60	58	ND	ND	ND	2.805
123	6	11	12.413	2240	26	51.51N	104	11.85E	27	18N	104	15E	604527	25142	189	49	61	6	ND	ND	ND	2.805
124	6	11	14.648	2235	26	42.37N	104	10.09E	27	9N	104	14E	604452	25142	189	49	61	14	ND	ND	ND	2.811
125	6	11	16.889	2240	26	33.21N	104	8.33E	27	0N	104	12E	604379	25142	189	48	61	23	ND	ND	ND	2.805
126	6	11	19.129	2240	26	24.05N	104	6.57E	26	51N	104	10E	604308	25142	189	48	61	31	ND	ND	ND	2.805
127	6	11	21.364	2236	26	14.91N	104	4.82E	26	41N	104	8E	604238	25143	189	48	61	39	ND	ND	ND	2.810
128	6	11	23.604	2239	26	5.75N	104	3.07E	26	32N	104	7E	604170	25143	189	47	61	47	ND	ND	ND	2.806
129	6	11	25.837	2233	25	56.62N	104	1.32E	26	23N	104	5E	604103	25143	189	47	61	56	ND	ND	ND	2.814
130	6	11	28.078	2242	25	47.45N	103	59.58E	26	14N	104	3E	604038	25143	189	47	62	4	ND	ND	ND	2.802
131	6	11	30.313	2235	25	38.31N	103	57.84E	26	5N	104	1E	603974	25143	189	47	62	12	ND	ND	ND	2.811
132	6	11	32.549	2235	25	29.16N	103	56.10E	25	56N	104	0E	603913	25143	189	46	62	20	ND	ND	ND	2.811
133	6	11	34.783	2235	25	20.03N	103	54.37E	25	46N	103	58E	603852	25143	189	46	62	28	ND	ND	ND	2.811
134	6	11	37.019	2235	25	10.88N	103	52.64E	25	37N	103	56E	603793	25144	189	46	62	37	ND	ND	ND	2.811
135	6	11	39.259	2240	25	1.72N	103	50.91E	25	28N	103	54E	603736	25144	189	46	62	45	ND	ND	ND	2.805

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FRM	Z TIME HR MI SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	CAMERA NADIR LONG DEG MIN	FORMAT CENTER LAT DEG MIN	FORMAT CENTER LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
136	6 11 41.489	2231	24 52.59N	103 49.19E	25 19N	103 53E	603681	25144	189 45	62 53	ND	ND	ND	2.816

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	7	28	37.248	0	73	26.72N	102	25.30E	73	55N	103	8E	680341	24962	202	22	15	41	-15	25	0	30	ND		1.780
2	7	28	40.778	3530	73	13.35N	102	6.26E	73	42N	102	48E	679809	24963	202	6	15	55	-15	24	0	31	ND		1.780
3	7	28	43.654	2876	73	2.44N	101	51.09E	73	31N	102	32E	679377	24964	201	53	16	7	-15	22	0	31	ND		2.185
4	7	28	46.363	2709	72	52.15N	101	37.07E	73	21N	102	17E	678969	24965	201	40	16	17	-15	21	0	31	ND		2.319
5	7	28	48.998	2635	72	42.12N	101	23.68E	73	11N	102	3E	678573	24966	201	29	16	28	-15	20	0	31	ND		2.385
6	7	28	51.608	2610	72	32.18N	101	10.65E	73	1N	101	49E	678181	24967	201	18	16	38	-15	19	0	30	ND		2.407
7	7	28	54.193	2585	72	22.32N	100	57.97E	72	51N	101	36E	677793	24968	201	7	16	49	-15	17	0	30	ND		2.431
8	7	28	56.775	2582	72	12.46N	100	45.52E	72	41N	101	22E	677406	24969	200	56	16	59	-15	16	0	29	ND		2.433
9	7	28	59.345	2569	72	2.63N	100	33.33E	72	31N	101	9E	677020	24970	200	46	17	9	-15	15	0	28	ND		2.446
10	7	29	1.913	2569	71	52.80N	100	21.35E	72	21N	100	57E	676634	24970	200	36	17	19	-15	14	0	26	ND		2.446
11	7	29	4.474	2560	71	42.98N	100	9.60E	72	11N	100	44E	676251	24971	200	26	17	30	-15	13	0	25	ND		2.454
12	7	29	7.028	2555	71	33.18N	99	58.07E	72	2N	100	32E	675868	24972	200	16	17	40	-15	12	0	23	ND		2.459
13	7	29	9.578	2550	71	23.38N	99	46.75E	71	52N	100	19E	675487	24973	200	7	17	50	-15	11	0	20	ND		2.464
14	7	29	12.129	2550	71	13.57N	99	35.59E	71	42N	100	8E	675105	24974	199	57	18	0	-15	10	0	18	ND		2.464
15	7	29	14.674	2545	71	3.78N	99	24.64E	71	32N	99	56E	674724	24975	199	48	18	10	-15	9	0	15	ND		2.469
16	7	29	17.214	2540	70	53.99N	99	13.88E	71	22N	99	44E	674345	24976	199	39	18	20	-15	8	0	13	ND		2.474
17	7	29	19.748	2535	70	44.21N	99	3.31E	71	13N	99	33E	673967	24977	199	30	18	30	-15	8	0	10	ND		2.479
18	7	29	22.283	2535	70	34.43N	98	52.89E	71	3N	99	22E	673588	24978	199	22	18	41	-15	6	0	8	ND		2.479
19	7	29	24.813	2530	70	24.65N	98	42.65E	70	53N	99	11E	673210	24978	199	13	18	51	-15	5	0	4	ND		2.483
20	7	29	27.344	2530	70	14.86N	98	32.56E	70	43N	99	0E	672833	24979	199	5	19	1	-15	4	0	2	ND		2.483
21	7	29	29.868	2525	70	5.09N	98	22.64E	70	33N	98	49E	672457	24980	198	57	19	11	-15	3	-0	0	ND		2.488
22	7	29	32.394	2525	69	55.30N	98	12.87E	70	24N	98	39E	672081	24981	198	49	19	21	-15	2	-0	1	ND		2.488
23	7	29	34.909	2516	69	45.55N	98	3.27E	70	14N	98	29E	671707	24982	198	41	19	31	-15	0	-0	3	ND		2.497
24	7	29	37.429	2519	69	35.77N	97	53.79E	70	4N	98	19E	671333	24983	198	33	19	41	-14	59	-0	5	ND		2.494
25	7	29	39.943	2515	69	26.00N	97	44.47E	69	54N	98	9E	670959	24984	198	26	19	51	-14	57	-0	5	ND		2.498
26	7	29	42.458	2515	69	16.23N	97	35.27E	69	44N	97	59E	670585	24985	198	18	20	1	-14	55	-0	6	ND		2.498
27	7	29	44.969	2510	69	6.46N	97	26.22E	69	35N	97	50E	670213	24985	198	11	20	11	-14	54	-0	6	ND		2.503
28	7	29	47.479	2510	68	56.69N	97	17.29E	69	25N	97	40E	669841	24986	198	4	20	21	-14	53	-0	6	ND		2.503
29	7	29	49.983	2505	68	46.93N	97	8.50E	69	15N	97	31E	669470	24987	197	57	20	31	-14	51	-0	6	ND		2.508
30	7	29	52.488	2505	68	37.16N	96	59.83E	69	5N	97	22E	669100	24988	197	50	20	41	-14	49	-0	6	ND		2.508
31	7	29	54.984	2496	68	27.42N	96	51.31E	68	55N	97	13E	668731	24989	197	43	20	51	-14	48	-0	5	ND		2.517
32	7	29	57.483	2499	68	17.67N	96	42.89E	68	46N	97	4E	668361	24990	197	36	21	1	-14	46	-0	5	ND		2.514
33	7	29	59.979	2495	68	7.92N	96	34.59E	68	36N	96	56E	667993	24991	197	30	21	11	-14	44	-0	4	ND		2.518
34	7	30	2.470	2491	67	58.18N	96	26.41E	68	26N	96	47E	667626	24991	197	23	21	21	-14	43	-0	4	ND		2.522
35	7	31	27.313	84844	62	23.47N	92	38.41E	62	51N	92	56E	655358	25020	194	35	26	57	-14	50	0	51	ND		0.074
36	7	31	30.604	3290	62	10.40N	92	31.13E	62	38N	92	48E	654894	25021	194	30	27	10	-14	48	0	49	ND		1.910
37	7	31	33.328	2725	61	59.56N	92	25.17E	62	27N	92	42E	654510	25022	194	26	27	21	-14	46	0	48	ND		2.306
38	7	31	35.909	2581	61	49.30N	92	19.58E	62	17N	92	36E	654147	25023	194	22	27	31	-14	43	0	46	ND		2.434
39	7	31	38.409	2500	61	39.35N	92	14.22E	62	7N	92	30E	653796	25024	194	18	27	41	-14	41	0	43	ND		2.513
40	7	31	40.874	2465	61	29.54N	92	8.99E	61	57N	92	24E	653451	25025	194	15	27	51	-14	38	0	40	ND		2.549
41	7	31	43.309	2434	61	19.85N	92	3.86E	61	47N	92	19E	653110	25025	194	11	28	1	-14	36	0	38	ND		2.581
42	7	31	45.748	2440	61	10.13N	91	58.78E	61	37N	92	14E	652769	25026	194	8	28	11	-14	34	0	35	ND		2.575
43	7	31	48.179	2430	61	0.45N	91	53.75E	61	27N	92	8E	652430	25027	194	5	28	20	-14	31	0	32	ND		2.586
44	7	31	50.604	2426	60	50.78N	91	48.78E	61	18N	92	3E	652093	25028	194	1	28	30	-14	29	0	28	ND		2.590
45	7	31	53.033	2429	60	41.10N	91	43.85E	61	8N	91	57E	651755	25029	193	58	28	40	-14	27	0	25	ND		2.587

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	7	31	55.458	2425	60	31.44N	91	38.97E	60	58N	91	52E	651419	25029	193	55	28	49	-14	24	0	21	ND		2.591
47	7	31	57.879	2420	60	21.78N	91	34.14E	60	49N	91	47E	651083	25030	193	52	28	59	-14	22	0	18	ND		2.596
48	7	32	0.299	2420	60	12.13N	91	29.35E	60	39N	91	42E	650749	25031	193	49	29	9	-14	19	0	13	ND		2.596
49	7	32	2.709	2411	60	2.51N	91	24.62E	60	29N	91	37E	650416	25032	193	46	29	18	-14	17	0	9	ND		2.606
50	7	32	5.123	2414	59	52.87N	91	19.92E	60	19N	91	31E	650084	25033	193	43	29	28	-14	15	0	5	ND		2.603
51	7	32	7.533	2410	59	43.25N	91	15.27E	60	11N	91	27E	649753	25033	193	40	29	36	ND		ND		ND		2.607
52	7	32	9.938	2405	59	33.64N	91	10.67E	60	2N	91	22E	649423	25034	193	37	29	46	ND		ND		ND		2.613
53	7	32	12.340	2401	59	24.05N	91	6.11E	59	52N	91	18E	649093	25035	193	34	29	55	ND		ND		ND		2.617
54	7	32	14.743	2404	59	14.45N	91	1.59E	59	43N	91	13E	648766	25036	193	31	30	5	ND		ND		ND		2.614
55	7	32	17.144	2400	59	4.86N	90	57.11E	59	33N	91	8E	648438	25036	193	28	30	14	ND		ND		ND		2.618
56	7	32	19.539	2396	58	55.28N	90	52.67E	59	23N	91	4E	648111	25037	193	25	30	24	ND		ND		ND		2.622
57	7	32	21.938	2399	58	45.68N	90	48.26E	59	14N	90	59E	647786	25038	193	23	30	33	ND		ND		ND		2.619
58	7	32	24.333	2395	58	36.11N	90	43.90E	59	4N	90	55E	647461	25039	193	20	30	43	ND		ND		ND		2.623
59	7	32	26.724	2390	58	26.54N	90	39.57E	58	55N	90	50E	647138	25040	193	17	30	52	ND		ND		ND		2.629
60	7	32	29.113	2390	58	16.98N	90	35.28E	58	45N	90	46E	646815	25040	193	15	31	2	ND		ND		ND		2.629
61	7	32	31.504	2390	58	7.41N	90	31.03E	58	35N	90	42E	646492	25041	193	12	31	11	ND		ND		ND		2.629
62	7	32	33.889	2385	57	57.86N	90	26.81E	58	26N	90	37E	646172	25042	193	9	31	21	ND		ND		ND		2.634
63	7	32	36.273	2385	57	48.31N	90	22.63E	58	16N	90	33E	645851	25043	193	7	31	30	ND		ND		ND		2.634
64	7	32	38.653	2380	57	38.78N	90	18.48E	58	7N	90	29E	645533	25043	193	4	31	40	ND		ND		ND		2.640
65	7	32	41.033	2380	57	29.25N	90	14.37E	57	57N	90	25E	645215	25044	193	2	31	49	ND		ND		ND		2.640
66	7	32	43.418	2385	57	19.69N	90	10.28E	57	48N	90	20E	644897	25045	192	59	31	58	ND		ND		ND		2.634
67	7	32	45.793	2375	57	10.17N	90	6.24E	57	38N	90	16E	644581	25046	192	57	32	8	ND		ND		ND		2.646
68	7	32	48.168	2375	57	0.65N	90	2.22E	57	29N	90	12E	644266	25046	192	55	32	17	ND		ND		ND		2.646
69	7	32	50.543	2375	56	51.13N	89	58.23E	57	19N	90	8E	643951	25047	192	52	32	27	ND		ND		ND		2.646
70	7	32	52.918	2375	56	41.60N	89	54.28E	57	10N	90	4E	643638	25048	192	50	32	36	ND		ND		ND		2.646
71	7	32	55.288	2370	56	32.10N	89	50.35E	57	0N	90	0E	643325	25049	192	48	32	45	ND		ND		ND		2.651
72	7	32	57.654	2366	56	22.60N	89	46.47E	56	50N	89	56E	643014	25049	192	45	32	55	ND		ND		ND		2.656
73	7	33	0.023	2369	56	13.10N	89	42.60E	56	41N	89	52E	642703	25050	192	43	33	4	ND		ND		ND		2.652
74	7	33	2.389	2365	56	3.60N	89	38.77E	56	31N	89	48E	642394	25051	192	41	33	13	ND		ND		ND		2.657
75	7	33	4.748	2360	55	54.13N	89	34.97E	56	22N	89	44E	642085	25051	192	39	33	23	ND		ND		ND		2.662
76	7	33	7.108	2360	55	44.65N	89	31.20E	56	13N	89	40E	641778	25052	192	37	33	32	ND		ND		ND		2.662
77	7	33	9.469	2360	55	35.17N	89	27.45E	56	3N	89	37E	641471	25053	192	35	33	41	ND		ND		ND		2.662
78	7	33	11.828	2360	55	25.70N	89	23.73E	55	54N	89	33E	641165	25054	192	32	33	51	ND		ND		ND		2.662
79	7	33	14.184	2355	55	16.23N	89	20.05E	55	44N	89	29E	640861	25054	192	30	34	0	ND		ND		ND		2.668
80	7	33	16.538	2355	55	6.77N	89	16.38E	55	35N	89	25E	640557	25055	192	28	34	9	ND		ND		ND		2.668
81	7	33	18.894	2355	54	57.30N	89	12.74E	55	25N	89	22E	640253	25056	192	26	34	19	ND		ND		ND		2.668
82	7	33	21.243	2350	54	47.86N	89	9.13E	55	16N	89	18E	639953	25057	192	24	34	28	ND		ND		ND		2.674
83	7	33	23.594	2350	54	38.41N	89	5.55E	55	6N	89	14E	639651	25057	192	22	34	37	ND		ND		ND		2.674
84	7	33	25.943	2350	54	28.96N	89	1.99E	54	57N	89	11E	639351	25058	192	20	34	47	ND		ND		ND		2.674
85	7	33	28.293	2350	54	19.51N	88	58.45E	54	47N	89	7E	639052	25059	192	18	34	56	ND		ND		ND		2.674
86	7	33	30.639	2345	54	10.07N	88	54.94E	54	38N	89	3E	638754	25059	192	17	35	5	ND		ND		ND		2.679
87	7	33	32.983	2345	54	0.64N	88	51.45E	54	28N	89	0E	638457	25060	192	15	35	14	ND		ND		ND		2.679
88	7	33	35.328	2345	53	51.20N	88	47.98E	54	19N	88	56E	638161	25061	192	13	35	24	ND		ND		ND		2.679
89	7	33	37.668	2340	53	41.79N	88	44.55E	54	10N	88	53E	637866	25061	192	11	35	33	ND		ND		ND		2.685
90	7	33	40.010	2341	53	32.36N	88	41.13E	54	0N	88	49E	637572	25062	192	9	35	42	ND		ND		ND		2.684

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	7	33	42.350	2340	53	22.94N	88	37.73E	53	51N	88	46E	637279	25063	192	7	35	51	ND		ND		ND		2.685
92	7	33	44.688	2339	53	13.52N	88	34.36E	53	41N	88	43E	636987	25064	192	6	36	1	ND		ND		ND		2.686
93	7	33	47.028	2340	53	4.10N	88	31.00E	53	32N	88	39E	636696	25064	192	4	36	10	ND		ND		ND		2.685
94	7	33	49.361	2333	52	54.70N	88	27.68E	53	22N	88	36E	636406	25065	192	2	36	19	ND		ND		ND		2.693
95	7	36	18.310	48948	42	52.07N	85	27.44E	43	19N	85	33E	619896	25104	190	43	46	5	ND		ND		ND		0.042
96	7	36	21.503	3194	42	39.10N	85	24.11E	43	6N	85	29E	619590	25105	190	42	46	17	ND		ND		ND		1.967
97	7	36	24.094	2590	42	28.58N	85	21.42E	42	56N	85	27E	619344	25106	190	41	46	27	ND		ND		ND		2.426
98	7	36	26.519	2425	42	18.73N	85	18.92E	42	46N	85	24E	619115	25106	190	40	46	37	ND		ND		ND		2.591
99	7	36	28.873	2355	42	9.17N	85	16.50E	42	36N	85	22E	618894	25107	190	39	46	46	ND		ND		ND		2.668
100	7	36	31.193	2320	41	59.74N	85	14.12E	42	27N	85	19E	618677	25107	190	39	46	55	ND		ND		ND		2.708
101	7	36	33.493	2300	41	50.40N	85	11.77E	42	17N	85	17E	618464	25108	190	38	47	4	ND		ND		ND		2.732
102	7	36	35.788	2295	41	41.07N	85	9.43E	42	8N	85	15E	618252	25108	190	37	47	13	ND		ND		ND		2.738
103	7	36	38.073	2285	41	31.78N	85	7.11E	41	59N	85	12E	618042	25109	190	36	47	22	ND		ND		ND		2.750
104	7	36	40.349	2275	41	22.54N	85	4.81E	41	50N	85	10E	617835	25109	190	35	47	31	ND		ND		ND		2.762
105	7	36	42.628	2280	41	13.27N	85	2.52E	41	40N	85	8E	617628	25110	190	35	47	40	ND		ND		ND		2.756
106	7	36	44.903	2275	41	4.02N	85	0.24E	41	31N	85	5E	617423	25110	190	34	47	49	ND		ND		ND		2.762
107	7	36	47.174	2270	40	54.79N	84	57.96E	41	22N	85	3E	617219	25111	190	33	47	57	ND		ND		ND		2.768
108	7	36	49.443	2270	40	45.57N	84	55.70E	41	13N	85	1E	617017	25111	190	32	48	6	ND		ND		ND		2.768
109	7	36	51.708	2265	40	36.36N	84	53.45E	41	3N	84	58E	616816	25112	190	32	48	15	ND		ND		ND		2.774
110	7	36	53.979	2270	40	27.13N	84	51.21E	40	54N	84	56E	616616	25112	190	31	48	24	ND		ND		ND		2.768
111	7	36	56.243	2265	40	17.92N	84	48.97E	40	45N	84	54E	616418	25113	190	30	48	33	ND		ND		ND		2.774
112	7	36	58.503	2260	40	8.73N	84	46.75E	40	36N	84	52E	616221	25113	190	30	48	41	ND		ND		ND		2.780
113	7	37	0.771	2268	39	59.50N	84	44.53E	40	26N	84	49E	616025	25114	190	29	48	50	ND		ND		ND		2.770
114	7	37	3.028	2257	39	50.32N	84	42.32E	40	17N	84	47E	615831	25114	190	28	48	59	ND		ND		ND		2.784
115	7	37	5.288	2260	39	41.13N	84	40.13E	40	8N	84	45E	615638	25114	190	27	49	8	ND		ND		ND		2.780
116	7	37	7.549	2260	39	31.93N	84	37.93E	39	59N	84	43E	615446	25115	190	27	49	17	ND		ND		ND		2.780
117	7	37	9.804	2255	39	22.76N	84	35.75E	39	50N	84	40E	615256	25115	190	26	49	25	ND		ND		ND		2.786

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	8	41	4.373	0	38	14.41N	121	2.72W	37	39N	120	57W	807863	24676	349	36	-49	24	ND	ND	ND	1.531
2	8	41	8.479	4105	38	30.82N	121	6.55W	37	56N	121	0W	807436	24677	349	35	-49	8	ND	ND	ND	1.531
3	8	41	11.889	3410	38	44.46N	121	9.75W	38	9N	121	4W	807080	24678	349	34	-48	55	ND	ND	ND	1.843
4	8	41	15.123	3235	38	57.39N	121	12.80W	38	22N	121	7W	806742	24678	349	33	-48	43	ND	ND	ND	1.942
5	8	41	18.309	3185	39	10.12N	121	15.82W	38	35N	121	10W	806410	24679	349	32	-48	30	ND	ND	ND	1.973
6	8	41	21.464	3155	39	22.74N	121	18.82W	38	47N	121	13W	806080	24680	349	31	-48	18	ND	ND	ND	1.992
7	8	41	24.599	3135	39	35.27N	121	21.81W	39	0N	121	16W	805752	24680	349	30	-48	6	ND	ND	ND	2.004
8	8	41	27.733	3135	39	47.80N	121	24.82W	39	13N	121	19W	805424	24681	349	29	-47	54	ND	ND	ND	2.004
9	8	41	30.868	3135	40	0.33N	121	27.84W	39	25N	121	22W	805096	24682	349	28	-47	42	ND	ND	ND	2.004
10	8	41	33.993	3125	40	12.81N	121	30.87W	39	38N	121	25W	804768	24683	349	27	-47	30	ND	ND	ND	2.011
11	8	41	37.114	3121	40	25.29N	121	33.90W	39	50N	121	28W	804440	24683	349	26	-47	18	ND	ND	ND	2.013
12	8	41	40.238	3124	40	37.77N	121	36.95W	40	3N	121	31W	804113	24684	349	25	-47	6	ND	ND	ND	2.011
13	8	41	43.358	3120	40	50.24N	121	40.02W	40	15N	121	34W	803785	24685	349	24	-46	54	ND	ND	ND	2.014
14	8	41	46.474	3115	41	2.69N	121	43.09W	40	28N	121	37W	803458	24685	349	23	-46	43	ND	ND	ND	2.017

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	8	55	20.550	0	81 27.06N	104 15.68E	81 49N	106 41E	699888	24916	224 50	6 35	ND	ND	ND	1.848
2	8	55	23.949	3400	81 17.13N	103 11.11E	81 40N	105 30E	699380	24917	223 48	6 48	ND	ND	ND	1.848
3	8	55	26.874	2925	81 8.46N	102 17.46E	81 31N	104 32E	698942	24918	222 57	7 0	ND	ND	ND	2.148
4	8	55	29.659	2785	81 0.08N	101 27.95E	81 23N	103 39E	698525	24919	222 9	7 11	ND	ND	ND	2.256
5	8	55	32.380	2720	80 51.80N	100 41.02E	81 15N	102 48E	698118	24920	221 24	7 21	ND	ND	ND	2.310
6	8	55	35.079	2700	80 43.49N	99 55.81E	81 7N	101 59E	697713	24921	220 41	7 32	ND	ND	ND	2.327
7	8	55	37.765	2685	80 35.14N	99 12.13E	80 59N	101 11E	697312	24922	219 59	7 43	ND	ND	ND	2.340
8	8	55	40.436	2671	80 26.74N	98 29.92E	80 51N	100 26E	696911	24923	219 19	7 53	ND	ND	ND	2.352
9	8	55	43.104	2669	80 18.27N	97 48.93E	80 42N	99 41E	696511	24924	218 40	8 4	ND	ND	ND	2.354
10	8	55	45.765	2660	80 9.76N	97 9.23E	80 34N	98 58E	696113	24925	218 2	8 14	ND	ND	ND	2.362
11	8	55	48.419	2655	80 1.18N	96 30.71E	80 26N	98 17E	695715	24926	217 25	8 25	ND	ND	ND	2.367
12	8	55	51.069	2650	79 52.56N	95 53.30E	80 17N	97 36E	695317	24927	216 50	8 35	ND	ND	ND	2.371
13	8	55	53.718	2648	79 43.87N	95 16.94E	80 9N	96 57E	694920	24928	216 15	8 46	ND	ND	ND	2.373
14	8	55	56.369	2652	79 35.11N	94 41.53E	80 0N	96 19E	694522	24929	215 42	8 56	ND	ND	ND	2.369
15	8	55	59.015	2645	79 26.31N	94 7.14E	79 52N	95 42E	694125	24930	215 9	9 7	ND	ND	ND	2.375
16	8	56	1.654	2640	79 17.46N	93 33.74E	79 43N	95 6E	693729	24930	214 38	9 17	ND	ND	ND	2.380
17	8	56	4.290	2636	79 8.58N	93 1.27E	79 34N	94 31E	693333	24931	214 7	9 28	ND	ND	ND	2.384
18	8	56	6.926	2635	78 59.64N	92 29.65E	79 25N	93 57E	692937	24932	213 37	9 38	ND	ND	ND	2.385
19	8	56	9.560	2634	78 50.66N	91 58.87E	79 16N	93 24E	692542	24933	213 8	9 49	ND	ND	ND	2.385
20	8	56	12.189	2630	78 41.64N	91 28.92E	79 8N	92 51E	692146	24934	212 40	9 59	ND	ND	ND	2.389
21	8	56	14.819	2630	78 32.58N	90 59.73E	78 59N	92 20E	691752	24935	212 13	10 10	ND	ND	ND	2.389
22	9	1	32.716	17896	58 8.13N	68 15.90E	58 36N	68 27E	645597	25043	193 12	31 11	ND	ND	ND	0.020
23	9	1	35.915	3200	57 55.32N	68 10.24E	58 23N	68 21E	645171	25044	193 9	31 23	ND	ND	ND	1.963
24	9	1	38.604	2689	57 44.55N	68 5.54E	58 12N	68 16E	644814	25045	193 6	31 34	ND	ND	ND	2.337
25	9	1	41.135	2530	57 34.41N	68 1.14E	58 2N	68 11E	644478	25046	193 3	31 44	ND	ND	ND	2.483
26	9	1	43.600	2465	57 24.53N	67 56.90E	57 52N	68 7E	644152	25046	193 1	31 54	ND	ND	ND	2.549
27	9	1	46.034	2435	57 14.78N	67 52.74E	57 43N	68 3E	643830	25047	192 58	32 3	ND	ND	ND	2.580
28	9	1	48.449	2415	57 5.09N	67 48.64E	57 33N	67 59E	643513	25048	192 56	32 13	ND	ND	ND	2.602
29	9	1	50.854	2405	56 55.45N	67 44.59E	57 23N	67 54E	643196	25049	192 53	32 22	ND	ND	ND	2.613
30	9	1	53.250	2396	56 45.84N	67 40.58E	57 14N	67 50E	642882	25049	192 51	32 32	ND	ND	ND	2.622
31	9	1	55.645	2394	56 36.24N	67 36.61E	57 4N	67 46E	642569	25050	192 49	32 41	ND	ND	ND	2.625
32	9	1	58.034	2390	56 26.65N	67 32.67E	56 55N	67 42E	642257	25051	192 46	32 51	ND	ND	ND	2.629
33	9	2	0.415	2381	56 17.10N	67 28.77E	56 45N	67 38E	641947	25051	192 44	33 0	ND	ND	ND	2.639
34	9	2	2.795	2380	56 7.54N	67 24.90E	56 35N	67 34E	641638	25052	192 42	33 10	ND	ND	ND	2.640
35	9	2	5.175	2379	55 57.99N	67 21.06E	56 26N	67 30E	641330	25053	192 40	33 19	ND	ND	ND	2.641
36	9	2	7.550	2375	55 48.45N	67 17.26E	56 16N	67 27E	641023	25054	192 38	33 28	ND	ND	ND	2.646
37	9	2	9.920	2371	55 38.94N	67 13.48E	56 7N	67 23E	640717	25054	192 35	33 38	ND	ND	ND	2.650
38	9	2	12.294	2374	55 29.40N	67 9.73E	55 57N	67 19E	640412	25055	192 33	33 47	ND	ND	ND	2.647
39	9	2	14.660	2366	55 19.89N	67 6.01E	55 48N	67 15E	640109	25056	192 31	33 57	ND	ND	ND	2.656
40	9	2	17.025	2365	55 10.39N	67 2.32E	55 38N	67 11E	639806	25057	192 29	34 6	ND	ND	ND	2.657
41	9	2	19.390	2364	55 0.89N	66 58.66E	55 29N	67 8E	639504	25057	192 27	34 15	ND	ND	ND	2.658
42	9	2	21.755	2365	54 51.38N	66 55.02E	55 19N	67 4E	639203	25058	192 25	34 25	ND	ND	ND	2.657
43	9	2	24.114	2360	54 41.89N	66 51.41E	55 10N	67 0E	638904	25059	192 23	34 34	ND	ND	ND	2.662
44	9	2	26.470	2355	54 32.42N	66 47.83E	55 0N	66 57E	638605	25059	192 21	34 43	ND	ND	ND	2.668
45	9	2	28.824	2355	54 22.95N	66 44.27E	54 51N	66 53E	638308	25060	192 19	34 53	ND	ND	ND	2.668

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	9	2	31.180	2355	54 13.47N	66 40.74E	54 41N	66 49E	638011	25061	192 17	35 2	ND	ND	ND	2.668
47	9	2	33.534	2355	54 4.00N	66 37.23E	54 32N	66 46E	637716	25062	192 15	35 11	ND	ND	ND	2.668
48	9	2	35.885	2350	53 54.54N	66 33.75E	54 22N	66 42E	637421	25062	192 14	35 21	ND	ND	ND	2.674
49	9	2	38.230	2346	53 45.10N	66 30.29E	54 13N	66 39E	637129	25063	192 12	35 30	ND	ND	ND	2.678
50	9	2	40.579	2349	53 35.65N	66 26.86E	54 3N	66 35E	636836	25064	192 10	35 39	ND	ND	ND	2.675
51	9	2	42.930	2350	53 26.18N	66 23.44E	53 54N	66 32E	636544	25064	192 8	35 48	ND	ND	ND	2.674
52	9	2	45.285	2356	53 16.70N	66 20.03E	53 44N	66 28E	636253	25065	192 6	35 58	ND	ND	ND	2.667
53	9	2	47.625	2340	53 7.27N	66 16.67E	53 35N	66 25E	635963	25066	192 5	36 7	ND	ND	ND	2.685
54	9	2	49.966	2340	52 57.84N	66 13.33E	53 25N	66 21E	635675	25066	192 3	36 16	ND	ND	ND	2.685
55	9	2	52.294	2329	52 48.46N	66 10.02E	53 16N	66 18E	635389	25067	192 1	36 25	ND	ND	ND	2.698
56	9	2	54.630	2335	52 39.05N	66 6.73E	53 7N	66 15E	635103	25068	191 59	36 35	ND	ND	ND	2.691
57	9	2	56.965	2335	52 29.64N	66 3.45E	52 57N	66 11E	634818	25068	191 58	36 44	ND	ND	ND	2.691
58	9	2	59.301	2336	52 20.22N	66 0.19E	52 48N	66 8E	634534	25069	191 56	36 53	ND	ND	ND	2.690
59	9	3	1.640	2339	52 10.80N	65 56.95E	52 38N	66 5E	634250	25070	191 54	37 2	ND	ND	ND	2.686
60	9	3	3.970	2330	52 1.40N	65 53.73E	52 29N	66 1E	633968	25070	191 53	37 11	ND	ND	ND	2.697
61	9	3	6.300	2330	51 52.00N	65 50.54E	52 20N	65 58E	633688	25071	191 51	37 21	ND	ND	ND	2.697
62	9	3	8.630	2330	51 42.61N	65 47.36E	52 10N	65 55E	633407	25072	191 50	37 30	ND	ND	ND	2.697
63	9	3	10.959	2330	51 33.21N	65 44.20E	52 1N	65 52E	633129	25072	191 48	37 39	ND	ND	ND	2.697
64	9	3	13.284	2325	51 23.83N	65 41.07E	51 51N	65 49E	632851	25073	191 47	37 48	ND	ND	ND	2.702
65	9	3	15.609	2325	51 14.45N	65 37.95E	51 42N	65 45E	632574	25074	191 45	37 57	ND	ND	ND	2.702
66	9	3	17.930	2320	51 5.08N	65 34.86E	51 33N	65 42E	632298	25074	191 44	38 7	ND	ND	ND	2.708
67	9	3	20.255	2325	50 55.70N	65 31.77E	51 23N	65 39E	632024	25075	191 42	38 16	ND	ND	ND	2.702
68	9	3	22.574	2320	50 46.34N	65 28.71E	51 14N	65 36E	631750	25076	191 41	38 25	ND	ND	ND	2.708
69	9	3	24.895	2320	50 36.97N	65 25.67E	51 4N	65 33E	631477	25076	191 39	38 34	ND	ND	ND	2.708
70	9	3	27.209	2315	50 27.62N	65 22.65E	50 55N	65 30E	631207	25077	191 38	38 43	ND	ND	ND	2.714
71	9	3	29.524	2315	50 18.27N	65 19.64E	50 46N	65 27E	630936	25078	191 36	38 52	ND	ND	ND	2.714
72	9	3	31.845	2320	50 8.90N	65 16.64E	50 36N	65 24E	630667	25078	191 35	39 1	ND	ND	ND	2.708
73	9	3	34.154	2310	49 59.57N	65 13.68E	50 27N	65 21E	630399	25079	191 33	39 10	ND	ND	ND	2.720
74	9	3	36.470	2315	49 50.22N	65 10.72E	50 18N	65 18E	630131	25080	191 32	39 20	ND	ND	ND	2.714
75	9	3	38.779	2310	49 40.88N	65 7.78E	50 8N	65 15E	629865	25080	191 31	39 29	ND	ND	ND	2.720
76	9	3	41.090	2310	49 31.55N	65 4.86E	49 59N	65 12E	629601	25081	191 29	39 38	ND	ND	ND	2.720
77	9	3	43.399	2310	49 22.21N	65 1.95E	49 50N	65 9E	629337	25081	191 28	39 47	ND	ND	ND	2.720
78	9	3	45.704	2305	49 12.90N	64 59.06E	49 40N	65 6E	629075	25082	191 27	39 56	ND	ND	ND	2.726
79	9	3	48.010	2305	49 3.58N	64 56.19E	49 31N	65 3E	628813	25083	191 25	40 5	ND	ND	ND	2.726
80	9	3	50.315	2306	48 54.25N	64 53.33E	49 22N	65 0E	628553	25083	191 24	40 14	ND	ND	ND	2.725
81	9	3	52.619	2304	48 44.94N	64 50.49E	49 12N	64 57E	628293	25084	191 23	40 23	ND	ND	ND	2.727
82	9	3	54.925	2305	48 35.61N	64 47.66E	49 3N	64 54E	628034	25085	191 22	40 32	ND	ND	ND	2.726
83	9	3	57.225	2300	48 26.31N	64 44.85E	48 54N	64 51E	627777	25085	191 20	40 41	ND	ND	ND	2.732
84	9	3	59.524	2300	48 17.01N	64 42.05E	48 44N	64 49E	627521	25086	191 19	40 50	ND	ND	ND	2.732
85	9	4	1.824	2300	48 7.70N	64 39.27E	48 35N	64 46E	627266	25086	191 18	40 59	ND	ND	ND	2.732
86	9	4	4.120	2296	47 58.41N	64 36.50E	48 26N	64 43E	627012	25087	191 17	41 8	ND	ND	ND	2.737
87	9	4	6.419	2299	47 49.11N	64 33.75E	48 16N	64 40E	626760	25088	191 15	41 18	ND	ND	ND	2.733
88	9	4	8.720	2300	47 39.80N	64 31.00E	48 7N	64 37E	626507	25088	191 14	41 27	ND	ND	ND	2.732
89	9	4	11.010	2290	47 30.53N	64 28.28E	47 58N	64 35E	626257	25089	191 13	41 36	ND	ND	ND	2.744
90	9	4	13.305	2295	47 21.24N	64 25.57E	47 49N	64 32E	626008	25089	191 12	41 45	ND	ND	ND	2.738

Approved for Release 2007/06/05 : CIA-RDP78T05439A000300140003-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	9	4	15.600	2295	47 11.95N	64 22.87E	47 39N	64 29E	625760	25090	191 11	41 54	ND	ND	ND	2.738
92	9	4	17.891	2291	47 2.67N	64 20.18E	47 30N	64 26E	625512	25091	191 10	42 3	ND	ND	ND	2.743
93	9	4	20.180	2289	46 53.40N	64 17.51E	47 21N	64 24E	625266	25091	191 9	42 12	ND	ND	ND	2.745
94	9	4	22.470	2290	46 44.13N	64 14.86E	47 11N	64 21E	625021	25092	191 7	42 21	ND	ND	ND	2.744
95	9	4	24.760	2290	46 34.85N	64 12.21E	47 2N	64 18E	624778	25092	191 6	42 30	ND	ND	ND	2.744
96	9	4	27.045	2286	46 25.59N	64 9.58E	46 53N	64 16E	624535	25093	191 5	42 39	ND	ND	ND	2.749
97	9	4	29.334	2289	46 16.32N	64 6.96E	46 44N	64 13E	624293	25093	191 4	42 48	ND	ND	ND	2.745
98	9	4	31.614	2280	46 7.08N	64 4.36E	46 34N	64 10E	624053	25094	191 3	42 57	ND	ND	ND	2.756
99	9	4	33.899	2285	45 57.82N	64 1.76E	46 25N	64 8E	623814	25095	191 2	43 6	ND	ND	ND	2.750
100	9	4	36.180	2280	45 48.58N	63 59.18E	46 16N	64 5E	623577	25095	191 1	43 14	ND	ND	ND	2.756
101	9	4	38.460	2281	45 39.33N	63 56.61E	46 7N	64 2E	623340	25096	191 0	43 23	ND	ND	ND	2.755
102	9	4	40.744	2284	45 30.08N	63 54.05E	45 57N	64 0E	623104	25096	190 59	43 32	ND	ND	ND	2.751
103	9	4	43.024	2280	45 20.83N	63 51.51E	45 48N	63 57E	622870	25097	190 58	43 41	ND	ND	ND	2.756
104	9	4	45.310	2285	45 11.57N	63 48.97E	45 39N	63 55E	622636	25097	190 57	43 50	ND	ND	ND	2.750
105	9	4	47.584	2275	45 2.34N	63 46.45E	45 30N	63 52E	622404	25098	190 56	43 59	ND	ND	ND	2.762
106	9	4	49.859	2275	44 53.12N	63 43.94E	45 20N	63 50E	622173	25098	190 55	44 8	ND	ND	ND	2.762
107	9	4	52.136	2276	44 43.88N	63 41.44E	45 11N	63 47E	621943	25099	190 54	44 17	ND	ND	ND	2.761
108	9	4	54.409	2274	44 34.66N	63 38.95E	45 2N	63 45E	621715	25100	190 53	44 26	ND	ND	ND	2.763
109	9	4	56.685	2275	44 25.43N	63 36.47E	44 53N	63 42E	621487	25100	190 52	44 35	ND	ND	ND	2.762
110	9	4	58.959	2275	44 16.20N	63 34.00E	44 43N	63 40E	621261	25101	190 51	44 44	ND	ND	ND	2.762
111	9	5	1.230	2271	44 6.99N	63 31.55E	44 34N	63 37E	621036	25101	190 50	44 53	ND	ND	ND	2.767
112	9	5	3.505	2274	43 57.76N	63 29.10E	44 25N	63 35E	620812	25102	190 50	45 2	ND	ND	ND	2.763
113	9	5	5.774	2270	43 48.55N	63 26.67E	44 16N	63 32E	620589	25102	190 49	45 10	ND	ND	ND	2.768
114	9	5	8.044	2270	43 39.34N	63 24.25E	44 6N	63 30E	620368	25103	190 48	45 19	ND	ND	ND	2.768
115	9	9	54.399	86355	24 11.62N	59 10.43E	24 38N	59 14E	602971	25145	189 44	63 29	ND	ND	ND	0.022
116	9	9	57.555	3155	23 58.71N	59 8.02E	24 25N	59 11E	602912	25145	189 44	63 41	ND	ND	ND	1.992
117	9	10	0.104	2550	23 48.27N	59 6.07E	24 15N	59 9E	602867	25145	189 44	63 50	ND	ND	ND	2.464
118	9	10	2.479	2375	23 38.55N	59 4.26E	24 5N	59 8E	602827	25145	189 43	63 59	ND	ND	ND	2.646
119	9	10	4.789	2310	23 29.10N	59 2.51E	23 56N	59 6E	602789	25146	189 43	64 7	ND	ND	ND	2.720
120	9	10	7.064	2275	23 19.79N	59 0.78E	23 46N	59 4E	602754	25146	189 43	64 15	ND	ND	ND	2.762
121	9	10	9.324	2260	23 10.54N	58 59.07E	23 37N	59 2E	602721	25146	189 43	64 23	ND	ND	ND	2.780
122	9	10	11.579	2255	23 1.31N	58 57.36E	23 28N	59 1E	602689	25146	189 42	64 31	ND	ND	ND	2.786
123	9	10	13.829	2250	22 52.10N	58 55.66E	23 19N	58 59E	602659	25146	189 42	64 39	ND	ND	ND	2.793
124	9	10	16.079	2250	22 42.89N	58 53.96E	23 9N	58 57E	602630	25146	189 42	64 47	ND	ND	ND	2.793
125	9	10	18.319	2240	22 33.72N	58 52.27E	23 0N	58 56E	602604	25146	189 42	64 55	ND	ND	ND	2.805
126	9	10	20.564	2245	22 24.53N	58 50.58E	22 51N	58 54E	602579	25146	189 42	65 3	ND	ND	ND	2.799
127	9	10	22.805	2240	22 15.36N	58 48.90E	22 42N	58 52E	602555	25146	189 41	65 11	ND	ND	ND	2.805
128	9	10	25.044	2240	22 6.19N	58 47.22E	22 33N	58 50E	602534	25146	189 41	65 19	ND	ND	ND	2.805
129	9	10	27.284	2240	21 57.02N	58 45.54E	22 23N	58 49E	602514	25146	189 41	65 27	ND	ND	ND	2.805
130	9	10	29.520	2235	21 47.87N	58 43.87E	22 14N	58 47E	602495	25146	189 41	65 35	ND	ND	ND	2.811
131	9	10	31.760	2240	21 38.70N	58 42.19E	22 5N	58 45E	602479	25146	189 41	65 43	ND	ND	ND	2.805
132	9	10	33.994	2235	21 29.55N	58 40.53E	21 56N	58 44E	602464	25146	189 40	65 51	ND	ND	ND	2.811
133	9	10	36.229	2235	21 20.40N	58 38.86E	21 47N	58 42E	602450	25147	189 40	65 59	ND	ND	ND	2.811
134	9	10	38.470	2240	21 11.23N	58 37.19E	21 38N	58 40E	602439	25147	189 40	66 7	ND	ND	ND	2.805
135	9	10	40.704	2235	21 2.08N	58 35.53E	21 28N	58 39E	602428	25147	189 40	66 14	ND	ND	ND	2.811

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	9	10	42.939	2235	20	52.92N	58	33.88E	21	19N	58	37E	602420	25147	189 40	66 22	ND	ND	ND	2.811
137	9	10	45.170	2231	20	43.79N	58	32.22E	21	10N	58	35E	602414	25147	189 39	66 30	ND	ND	ND	2.816
138	9	10	47.404	2234	20	34.64N	58	30.57E	21	1N	58	34E	602408	25147	189 39	66 38	ND	ND	ND	2.813
139	9	10	49.640	2235	20	25.49N	58	28.92E	20	52N	58	32E	602405	25147	189 39	66 45	ND	ND	ND	2.811
140	9	10	51.874	2235	20	16.34N	58	27.27E	20	43N	58	30E	602403	25147	189 39	66 53	ND	ND	ND	2.811
141	9	10	54.104	2230	20	7.20N	58	25.62E	20	34N	58	29E	602403	25147	189 39	67 1	ND	ND	ND	2.818
142	9	10	56.335	2231	19	58.07N	58	23.98E	20	24N	58	27E	602404	25147	189 38	67 9	ND	ND	ND	2.816
143	9	10	58.570	2235	19	48.91N	58	22.34E	20	15N	58	25E	602408	25147	189 38	67 16	ND	ND	ND	2.811
144	9	11	0.805	2234	19	39.76N	58	20.70E	20	6N	58	24E	602413	25147	189 38	67 24	ND	ND	ND	2.813
145	9	11	3.034	2230	19	30.63N	58	19.06E	19	57N	58	22E	602419	25147	189 38	67 32	ND	ND	ND	2.818
146	9	11	5.270	2235	19	21.47N	58	17.42E	19	48N	58	21E	602427	25147	189 38	67 39	ND	ND	ND	2.811
147	9	11	7.499	2230	19	12.34N	58	15.79E	19	39N	58	19E	602437	25147	189 38	67 47	ND	ND	ND	2.818
148	9	11	9.734	2235	19	3.19N	58	14.16E	19	30N	58	17E	602448	25147	189 37	67 54	ND	ND	ND	2.811
149	9	11	11.965	2230	18	54.05N	58	12.53E	19	20N	58	16E	602461	25147	189 37	68 2	ND	ND	ND	2.818
150	9	11	14.194	2230	18	44.92N	58	10.91E	19	11N	58	14E	602477	25147	189 37	68 9	ND	ND	ND	2.818

Approved For Release 2001/08/09 : CIA-RDP78T05439A000300140003-4

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FRM	Z TIME			DTIM	CAMERA NADIR				FORMAT CENTER				ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
					LAT		LONG		LAT		LONG											
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	11	53	12.614	0	81	55.50N	63	13.41E	82	16N	65	56E	700200	24915	228	12	5	54	ND	ND	ND	1.733
2	11	53	16.239	3625	81	45.52N	61	56.47E	82	7N	64	32E	699663	24916	226	58	6	9	ND	ND	ND	1.733
3	11	53	19.215	2975	81	37.16N	60	55.58E	81	59N	63	26E	699223	24917	225	59	6	21	ND	ND	ND	2.112
4	11	53	22.015	2800	81	29.15N	60	0.08E	81	51N	62	26E	698808	24918	225	5	6	32	ND	ND	ND	2.244
5	11	53	24.749	2735	81	21.22N	59	7.51E	81	43N	61	29E	698402	24919	224	15	6	43	ND	ND	ND	2.297
6	11	53	27.454	2705	81	13.25N	58	17.04E	81	36N	60	34E	698001	24920	223	26	6	53	ND	ND	ND	2.323
7	11	53	30.140	2685	81	5.24N	57	28.39E	81	28N	59	41E	697602	24921	222	39	7	4	ND	ND	ND	2.340
8	11	53	32.814	2675	80	57.17N	56	41.35E	81	20N	58	50E	697206	24922	221	54	7	14	ND	ND	ND	2.349
9	11	53	35.484	2670	80	49.01N	55	55.74E	81	12N	58	1E	696809	24923	221	11	7	25	ND	ND	ND	2.353
10	11	53	38.149	2665	80	40.78N	55	11.51E	81	4N	57	13E	696413	24924	220	28	7	36	ND	ND	ND	2.358
11	11	53	40.805	2655	80	32.49N	54	28.70E	80	56N	56	27E	696019	24925	219	47	7	46	ND	ND	ND	2.367
12	11	53	43.454	2650	80	24.14N	53	47.10E	80	48N	55	42E	695625	24926	219	8	7	57	ND	ND	ND	2.371
13	11	53	46.109	2655	80	15.69N	53	6.74E	80	40N	54	58E	695230	24927	218	29	8	7	ND	ND	ND	2.367
14	11	53	48.754	2645	80	7.20N	52	27.58E	80	32N	54	16E	694837	24928	217	52	8	18	ND	ND	ND	2.375
15	11	53	51.399	2645	79	58.64N	51	49.49E	80	23N	53	34E	694443	24928	217	16	8	28	ND	ND	ND	2.375
16	11	53	54.039	2640	79	50.03N	51	12.52E	80	15N	52	54E	694051	24929	216	40	8	39	ND	ND	ND	2.380
17	11	53	56.680	2640	79	41.35N	50	36.54E	80	6N	52	16E	693658	24930	216	6	8	49	ND	ND	ND	2.380
18	11	53	59.314	2635	79	32.63N	50	1.60E	79	58N	51	38E	693266	24931	215	33	8	59	ND	ND	ND	2.385
19	11	54	1.949	2635	79	23.84N	49	27.60E	79	49N	51	1E	692874	24932	215	1	9	10	ND	ND	ND	2.385
20	11	54	4.574	2625	79	15.04N	48	54.61E	79	40N	50	26E	692483	24933	214	30	9	20	ND	ND	ND	2.394
21	11	54	7.204	2630	79	6.16N	48	22.43E	79	32N	49	51E	692092	24934	214	0	9	31	ND	ND	ND	2.389
22	11	54	9.829	2625	78	57.24N	47	51.15E	79	23N	49	17E	691701	24935	213	30	9	41	ND	ND	ND	2.394
23	11	56	17.004	27175	71	8.68N	32	44.10E	71	37N	33	14E	672812	24979	199	53	18	6	ND	ND	ND	0.049
24	11	56	20.375	3371	70	55.69N	32	29.73E	71	24N	32	59E	672315	24980	199	41	18	19	ND	ND	ND	1.864
25	11	56	23.199	2824	70	44.80N	32	17.92E	71	13N	32	46E	671901	24981	199	31	18	30	ND	ND	ND	2.225
26	11	56	25.859	2660	70	34.53N	32	6.98E	71	3N	32	35E	671510	24982	199	22	18	41	ND	ND	ND	2.362
27	11	56	28.455	2596	70	24.49N	31	56.46E	70	53N	32	24E	671128	24983	199	14	18	51	ND	ND	ND	2.420
28	11	56	31.020	2564	70	14.57N	31	46.24E	70	43N	32	13E	670752	24983	199	5	19	1	ND	ND	ND	2.451
29	11	56	33.569	2550	70	4.70N	31	36.22E	70	33N	32	3E	670378	24984	198	57	19	11	ND	ND	ND	2.464
30	11	56	36.104	2535	69	54.88N	31	26.40E	70	23N	31	52E	670006	24985	198	49	19	21	ND	ND	ND	2.479
31	11	56	38.635	2530	69	45.06N	31	16.75E	70	13N	31	42E	669636	24986	198	41	19	32	ND	ND	ND	2.483
32	11	56	41.159	2525	69	35.26N	31	7.25E	70	3N	31	32E	669266	24987	198	33	19	42	ND	ND	ND	2.488
33	11	56	43.680	2520	69	25.47N	30	57.91E	69	54N	31	23E	668898	24988	198	26	19	52	ND	ND	ND	2.493
34	11	56	46.189	2510	69	15.71N	30	48.73E	69	44N	31	13E	668532	24989	198	18	20	1	ND	ND	ND	2.503
35	11	56	48.704	2515	69	5.93N	30	39.66E	69	34N	31	4E	668165	24989	198	11	20	12	ND	ND	ND	2.498
36	11	56	51.209	2505	68	56.18N	30	30.75E	69	24N	30	54E	667799	24990	198	4	20	21	ND	ND	ND	2.508
37	11	56	53.715	2505	68	46.41N	30	21.96E	69	15N	30	45E	667435	24991	197	57	20	31	ND	ND	ND	2.508
38	11	56	56.220	2505	68	36.64N	30	13.29E	69	5N	30	36E	667070	24992	197	50	20	41	ND	ND	ND	2.508
39	11	56	58.715	2495	68	26.91N	30	4.77E	68	55N	30	27E	666706	24993	197	43	20	51	ND	ND	ND	2.518
40	11	57	1.209	2495	68	17.17N	29	56.37E	68	45N	30	19E	666344	24994	197	37	21	1	ND	ND	ND	2.518
41	11	57	3.704	2495	68	7.42N	29	48.07E	68	36N	30	10E	665982	24995	197	30	21	11	ND	ND	ND	2.518
42	11	57	6.194	2490	67	57.68N	29	39.89E	68	26N	30	2E	665621	24995	197	24	21	21	ND	ND	ND	2.523
43	11	57	8.680	2485	67	47.96N	29	31.84E	68	16N	29	53E	665260	24996	197	17	21	31	ND	ND	ND	2.528
44	11	57	11.164	2485	67	38.23N	29	23.89E	68	6N	29	45E	664901	24997	197	11	21	41	ND	ND	ND	2.528
45	11	59	4.800	13635	60	8.46N	24	41.29E	60	36N	24	53E	648924	25035	193	48	29	11	ND	ND	ND	0.055

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	11	59	8.079	3280	59 55.37N	24 34.88E	60 23N	24 47E	648480	25036	193 44	29 24	ND	ND	ND	1.916
47	11	59	10.785	2706	59 44.57N	24 29.65E	60 13N	24 41E	648115	25037	193 40	29 35	ND	ND	ND	2.322
48	11	59	13.334	2549	59 34.39N	24 24.77E	60 2N	24 36E	647771	25037	193 37	29 45	ND	ND	ND	2.465
49	11	59	15.814	2480	59 24.48N	24 20.05E	59 52N	24 32E	647438	25038	193 34	29 55	ND	ND	ND	2.534
50	11	59	18.260	2445	59 14.71N	24 15.45E	59 43N	24 27E	647109	25039	193 31	30 5	ND	ND	ND	2.570
51	11	59	20.685	2425	59 5.02N	24 10.92E	59 33N	24 22E	646784	25040	193 28	30 14	ND	ND	ND	2.591
52	11	59	23.104	2420	58 55.34N	24 6.43E	59 23N	24 18E	646461	25040	193 26	30 24	ND	ND	ND	2.596
53	11	59	25.515	2410	58 45.70N	24 2.00E	59 14N	24 13E	646139	25041	193 23	30 33	ND	ND	ND	2.607
54	11	59	27.914	2400	58 36.10N	23 57.62E	59 4N	24 9E	645820	25042	193 20	30 43	ND	ND	ND	2.618
55	11	59	30.319	2405	58 26.48N	23 53.27E	58 54N	24 4E	645500	25043	193 17	30 53	ND	ND	ND	2.613
56	11	59	32.715	2395	58 16.89N	23 48.97E	58 45N	24 0E	645183	25043	193 15	31 2	ND	ND	ND	2.623
57	11	59	35.109	2395	58 7.31N	23 44.70E	58 35N	23 55E	644866	25044	193 12	31 11	ND	ND	ND	2.623
58	11	59	37.499	2390	57 57.74N	23 40.47E	58 26N	23 51E	644551	25045	193 10	31 21	ND	ND	ND	2.629
59	11	59	39.890	2390	57 48.17N	23 36.28E	58 16N	23 47E	644236	25046	193 7	31 30	ND	ND	ND	2.629
60	11	59	42.274	2385	57 38.61N	23 32.12E	58 7N	23 42E	643922	25046	193 5	31 40	ND	ND	ND	2.634
61	11	59	44.655	2381	57 29.07N	23 28.01E	57 57N	23 38E	643610	25047	193 2	31 49	ND	ND	ND	2.639
62	11	59	47.039	2384	57 19.52N	23 23.92E	57 47N	23 34E	643298	25048	193 0	31 59	ND	ND	ND	2.636
63	11	59	49.414	2375	57 10.00N	23 19.87E	57 38N	23 30E	642988	25049	192 57	32 8	ND	ND	ND	2.646
64	11	59	51.789	2375	57 0.48N	23 15.85E	57 28N	23 26E	642679	25049	192 55	32 18	ND	ND	ND	2.646
65	11	59	54.164	2375	56 50.95N	23 11.86E	57 19N	23 22E	642370	25050	192 53	32 27	ND	ND	ND	2.646
66	11	59	56.539	2375	56 41.43N	23 7.91E	57 9N	23 18E	642062	25051	192 50	32 36	ND	ND	ND	2.646
67	11	59	58.909	2370	56 31.92N	23 3.98E	57 0N	23 14E	641755	25052	192 48	32 46	ND	ND	ND	2.651
68	12	0	1.274	2365	56 22.43N	23 0.09E	56 50N	23 10E	641450	25052	192 46	32 55	ND	ND	ND	2.657
69	12	0	3.645	2370	56 12.92N	22 56.23E	56 41N	23 6E	641145	25053	192 43	33 4	ND	ND	ND	2.651
70	12	0	6.010	2365	56 3.42N	22 52.39E	56 31N	23 2E	640841	25054	192 41	33 14	ND	ND	ND	2.657
71	12	0	8.374	2365	55 53.93N	22 48.59E	56 22N	22 58E	640538	25054	192 39	33 23	ND	ND	ND	2.657
72	12	0	10.734	2360	55 44.45N	22 44.81E	56 12N	22 54E	640237	25055	192 37	33 33	ND	ND	ND	2.662
73	12	0	13.095	2360	55 34.97N	22 41.06E	56 3N	22 50E	639936	25056	192 35	33 42	ND	ND	ND	2.662
74	12	0	15.454	2360	55 25.49N	22 37.34E	55 53N	22 46E	639636	25057	192 33	33 51	ND	ND	ND	2.662
75	12	0	17.810	2355	55 16.03N	22 33.65E	55 44N	22 43E	639337	25057	192 31	34 1	ND	ND	ND	2.668
76	12	0	20.164	2355	55 6.56N	22 29.99E	55 34N	22 39E	639040	25058	192 29	34 10	ND	ND	ND	2.668
77	12	0	22.520	2355	54 57.10N	22 26.34E	55 25N	22 35E	638742	25059	192 27	34 19	ND	ND	ND	2.668
78	12	0	24.869	2350	54 47.65N	22 22.74E	55 15N	22 32E	638446	25059	192 25	34 28	ND	ND	ND	2.674
79	12	0	27.220	2350	54 38.20N	22 19.15E	55 6N	22 28E	638152	25060	192 23	34 38	ND	ND	ND	2.674
80	12	0	29.569	2350	54 28.75N	22 15.58E	54 56N	22 24E	637857	25061	192 21	34 47	ND	ND	ND	2.674
81	12	0	31.919	2350	54 19.30N	22 12.04E	54 47N	22 21E	637564	25061	192 19	34 56	ND	ND	ND	2.674
82	12	0	34.265	2345	54 9.86N	22 8.53E	54 38N	22 17E	637272	25062	192 17	35 6	ND	ND	ND	2.679
83	12	0	36.605	2341	54 0.44N	22 5.05E	54 28N	22 14E	636981	25063	192 15	35 15	ND	ND	ND	2.684
84	12	0	38.949	2344	53 51.01N	22 1.58E	54 19N	22 10E	636691	25064	192 13	35 24	ND	ND	ND	2.681
85	12	0	41.289	2340	53 41.59N	21 58.14E	54 9N	22 6E	636402	25064	192 11	35 33	ND	ND	ND	2.685
86	12	10	37.895	96605	13 10.88N	12 41.59E	13 37N	12 45E	604230	25143	189 32	72 28	ND	ND	ND	0.011
87	12	10	41.044	3150	12 57.97N	12 39.38E	13 24N	12 42E	604344	25142	189 32	72 37	ND	ND	ND	1.995
88	12	10	43.604	2560	12 47.47N	12 37.58E	13 14N	12 41E	604440	25142	189 32	72 45	ND	ND	ND	2.454
89	12	10	45.994	2390	12 37.68N	12 35.91E	13 4N	12 39E	604531	25142	189 32	72 52	ND	ND	ND	2.629
90	12	10	48.314	2320	12 28.17N	12 34.28E	12 55N	12 37E	604622	25142	189 32	72 58	ND	ND	ND	2.708

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	12	10	50.600	2285	12 18.80N	12 32.68E	12 45N	12 36E	604713	25141	189 32	73 5	ND	ND	ND	2.750
92	12	10	52.869	2270	12 9.50N	12 31.09E	12 36N	12 34E	604805	25141	189 32	73 11	ND	ND	ND	2.768
93	12	10	55.130	2261	12 0.23N	12 29.51E	12 27N	12 32E	604898	25141	189 32	73 17	ND	ND	ND	2.779
94	12	10	57.390	2259	11 50.97N	12 27.93E	12 17N	12 31E	604994	25141	189 32	73 24	ND	ND	ND	2.781
95	12	10	59.645	2255	11 41.73N	12 26.36E	12 8N	12 29E	605091	25141	189 32	73 30	ND	ND	ND	2.786
96	12	11	1.895	2250	11 32.50N	12 24.79E	11 59N	12 28E	605189	25140	189 31	73 36	ND	ND	ND	2.793
97	12	11	4.149	2255	11 23.26N	12 23.22E	11 50N	12 26E	605290	25140	189 31	73 42	ND	ND	ND	2.786
98	12	11	6.396	2246	11 14.05N	12 21.65E	11 41N	12 25E	605391	25140	189 31	73 48	ND	ND	ND	2.798
99	12	11	8.645	2249	11 4.84N	12 20.09E	11 31N	12 23E	605495	25140	189 31	73 54	ND	ND	ND	2.794
100	12	11	10.895	2250	10 55.61N	12 18.52E	11 22N	12 21E	605601	25139	189 31	74 0	ND	ND	ND	2.793
101	12	11	13.145	2250	10 46.39N	12 16.96E	11 13N	12 20E	605708	25139	189 31	74 6	ND	ND	ND	2.793
102	12	11	15.395	2250	10 37.17N	12 15.40E	11 4N	12 18E	605817	25139	189 31	74 11	ND	ND	ND	2.793
103	12	11	17.640	2245	10 27.96N	12 13.84E	10 55N	12 17E	605928	25139	189 31	74 17	ND	ND	ND	2.799
104	12	11	19.886	2246	10 18.76N	12 12.28E	10 45N	12 15E	606040	25138	189 31	74 23	ND	ND	ND	2.798
105	12	11	22.135	2249	10 9.54N	12 10.72E	10 36N	12 14E	606154	25138	189 31	74 28	ND	ND	ND	2.794
106	12	11	24.379	2245	10 0.34N	12 9.16E	10 27N	12 12E	606269	25138	189 31	74 34	ND	ND	ND	2.799
107	12	11	26.624	2245	9 51.13N	12 7.61E	10 18N	12 10E	606387	25138	189 31	74 40	ND	ND	ND	2.799
108	12	11	28.869	2245	9 41.93N	12 6.05E	10 9N	12 9E	606506	25137	189 30	74 45	ND	ND	ND	2.799
109	12	11	31.119	2250	9 32.71N	12 4.50E	9 59N	12 7E	606628	25137	189 30	74 50	ND	ND	ND	2.793
110	12	11	33.364	2245	9 23.51N	12 2.95E	9 50N	12 6E	606751	25137	189 30	74 56	ND	ND	ND	2.799
111	12	11	35.609	2245	9 14.30N	12 1.39E	9 41N	12 4E	606875	25137	189 30	75 1	ND	ND	ND	2.799
112	12	11	37.850	2240	9 5.12N	11 59.85E	9 32N	12 3E	607002	25136	189 30	75 6	ND	ND	ND	2.805
113	12	11	40.095	2245	8 55.92N	11 58.30E	9 23N	12 1E	607130	25136	189 30	75 11	ND	ND	ND	2.799
114	12	11	42.340	2245	8 46.71N	11 56.75E	9 13N	12 0E	607260	25136	189 30	75 16	ND	ND	ND	2.799
115	12	11	44.580	2241	8 37.53N	11 55.20E	9 4N	11 58E	607391	25135	189 30	75 22	ND	ND	ND	2.804
116	12	11	46.829	2249	8 28.31N	11 53.65E	8 55N	11 57E	607524	25135	189 30	75 27	ND	ND	ND	2.794
117	12	11	49.074	2245	8 19.11N	11 52.11E	8 46N	11 55E	607660	25135	189 30	75 31	ND	ND	ND	2.799
118	12	11	51.315	2241	8 9.92N	11 50.56E	8 37N	11 53E	607796	25134	189 30	75 36	ND	ND	ND	2.804
119	12	11	53.560	2244	8 0.72N	11 49.02E	8 27N	11 52E	607935	25134	189 30	75 41	ND	ND	ND	2.800
120	12	11	55.805	2245	7 51.52N	11 47.48E	8 18N	11 50E	608075	25134	189 30	75 46	ND	ND	ND	2.799
121	12	11	58.050	2245	7 42.31N	11 45.93E	8 9N	11 49E	608217	25133	189 30	75 50	ND	ND	ND	2.799
122	12	12	0.295	2246	7 33.11N	11 44.39E	8 0N	11 47E	608361	25133	189 30	75 55	ND	ND	ND	2.798
123	12	12	2.539	2244	7 23.91N	11 42.85E	7 51N	11 46E	608507	25133	189 30	75 59	ND	ND	ND	2.800
124	12	12	4.785	2246	7 14.71N	11 41.31E	7 41N	11 44E	608654	25132	189 30	76 3	ND	ND	ND	2.798
125	12	12	7.034	2249	7 5.49N	11 39.76E	7 32N	11 43E	608804	25132	189 29	76 8	ND	ND	ND	2.794
126	12	12	9.279	2245	6 56.28N	11 38.22E	7 23N	11 41E	608955	25132	189 29	76 12	ND	ND	ND	2.799
127	12	12	11.524	2245	6 47.08N	11 36.68E	7 14N	11 40E	609108	25131	189 29	76 16	ND	ND	ND	2.799
128	12	12	13.770	2245	6 37.88N	11 35.15E	7 5N	11 38E	609263	25131	189 29	76 20	ND	ND	ND	2.799
129	12	12	16.020	2250	6 28.65N	11 33.60E	6 55N	11 36E	609419	25131	189 29	76 24	ND	ND	ND	2.793
130	12	12	18.265	2245	6 19.45N	11 32.07E	6 46N	11 35E	609577	25130	189 29	76 28	ND	ND	ND	2.799
131	12	12	20.510	2245	6 10.25N	11 30.53E	6 37N	11 33E	609736	25130	189 29	76 32	ND	ND	ND	2.799
132	12	12	22.754	2245	6 1.05N	11 28.99E	6 28N	11 32E	609898	25130	189 29	76 35	ND	ND	ND	2.799
133	12	12	24.999	2245	5 51.85N	11 27.46E	6 19N	11 30E	610062	25129	189 29	76 39	ND	ND	ND	2.799
134	12	12	27.244	2245	5 42.65N	11 25.92E	6 9N	11 29E	610226	25129	189 29	76 42	ND	ND	ND	2.799
135	12	12	29.494	2250	5 33.42N	11 24.39E	6 0N	11 27E	610393	25128	189 29	76 46	ND	ND	ND	2.793

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500010040035-4

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84869-65

FRAME EPHEMERIS MISSION 1018-1

PASS 10D AFT 26MAR65 ID 44 LIST DATE 27APR65 PAGE 100

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
136	12	12	31.739	2245	5	24.22N	11	22.85E	5	51N	11	26E	610562	25128	189	29	76	49	ND	ND	ND	2.799
137	12	12	33.984	2245	5	15.02N	11	21.32E	5	42N	11	24E	610733	25128	189	29	76	53	ND	ND	ND	2.799
138	12	12	36.229	2245	5	5.82N	11	19.78E	5	33N	11	23E	610905	25127	189	29	76	56	ND	ND	ND	2.799
139	12	12	38.476	2246	4	56.61N	11	18.25E	5	23N	11	21E	611078	25127	189	29	76	59	ND	ND	ND	2.798
140	12	12	40.725	2249	4	47.39N	11	16.72E	5	14N	11	20E	611254	25127	189	29	77	2	ND	ND	ND	2.794
141	12	12	42.970	2245	4	38.19N	11	15.18E	5	5N	11	18E	611431	25126	189	29	77	5	ND	ND	ND	2.799
142	12	12	45.220	2250	4	28.97N	11	13.65E	4	56N	11	16E	611611	25126	189	29	77	7	ND	ND	ND	2.793
143	12	12	47.465	2245	4	19.77N	11	12.12E	4	47N	11	15E	611792	25125	189	29	77	10	ND	ND	ND	2.799
144	12	12	49.709	2245	4	10.57N	11	10.59E	4	37N	11	13E	611974	25125	189	29	77	13	ND	ND	ND	2.799
145	12	12	51.959	2250	4	1.35N	11	9.06E	4	28N	11	12E	612159	25124	189	29	77	15	ND	ND	ND	2.793
146	12	12	54.209	2250	3	52.13N	11	7.52E	4	19N	11	10E	612345	25124	189	29	77	17	ND	ND	ND	2.793
147	12	12	56.459	2250	3	42.91N	11	5.99E	4	10N	11	9E	612534	25124	189	29	77	20	ND	ND	ND	2.793
148	12	12	58.709	2250	3	33.68N	11	4.46E	4	1N	11	7E	612724	25123	189	29	77	22	ND	ND	ND	2.793
149	12	13	0.965	2255	3	24.44N	11	2.92E	3	51N	11	6E	612916	25123	189	29	77	24	ND	ND	ND	2.786
150	12	13	3.215	2250	3	15.22N	11	1.39E	3	42N	11	4E	613110	25122	189	29	77	26	ND	ND	ND	2.793
151	12	13	5.470	2255	3	5.98N	10	59.86E	3	33N	11	3E	613304	25122	189	29	77	28	ND	ND	ND	2.786
152	12	13	7.720	2250	2	56.76N	10	58.32E	3	24N	11	1E	613501	25121	189	29	77	30	ND	ND	ND	2.793
153	12	13	9.975	2255	2	47.52N	10	56.79E	3	14N	11	0E	613701	25121	189	29	77	31	ND	ND	ND	2.786
154	12	13	12.229	2255	2	38.28N	10	55.26E	3	5N	10	58E	613902	25120	189	29	77	33	ND	ND	ND	2.786

FRAME EPHEMERIS MISSION 1018-1

PASS 16D AFT 26MAR65 ID 44 LIST DATE 27APR65 PAGE 101

FRM	Z TIME			DTIM	CAMERA NADIR				FORMAT CENTER				ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
					LAT		LONG		LAT		LONG											
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	20	58	28.874	0	38	32.19N	115	54.91W	38	59N	115	50W	611387	25122	190	23	50	14	ND	ND	ND	1.948
2	20	58	32.100	3225	38	19.06N	115	57.97W	38	46N	115	53W	611148	25123	190	22	50	27	ND	ND	ND	1.948
3	20	58	34.689	2590	38	8.51N	116	0.41W	38	35N	115	56W	610957	25123	190	21	50	37	ND	ND	ND	2.426
4	20	58	37.109	2420	37	58.66N	116	2.69W	38	25N	115	58W	610781	25124	190	20	50	46	ND	ND	ND	2.596
5	20	58	39.449	2340	37	49.13N	116	4.88W	38	16N	116	0W	610611	25124	190	20	50	55	ND	ND	ND	2.685
6	20	58	41.759	2310	37	39.72N	116	7.04W	38	6N	116	3W	610445	25125	190	19	51	4	ND	ND	ND	2.720
7	20	58	44.049	2290	37	30.39N	116	9.17W	37	57N	116	5W	610282	25125	190	18	51	13	ND	ND	ND	2.744
8	20	58	46.334	2285	37	21.09N	116	11.29W	37	48N	116	7W	610121	25125	190	18	51	22	ND	ND	ND	2.750
9	20	58	48.609	2275	37	11.82N	116	13.40W	37	38N	116	9W	609962	25126	190	17	51	31	ND	ND	ND	2.762
10	20	58	57.680	9070	36	34.86N	116	21.73W	37	2N	116	17W	609339	25127	190	15	52	6	ND	ND	ND	0.693
11	20	58	59.939	2260	36	25.65N	116	23.79W	36	52N	116	19W	609187	25128	190	14	52	15	ND	ND	ND	2.780
12	20	59	2.204	2265	36	16.42N	116	25.85W	36	43N	116	22W	609037	25128	190	14	52	23	ND	ND	ND	2.774
13	20	59	4.464	2260	36	7.21N	116	27.90W	36	34N	116	24W	608887	25128	190	13	52	32	ND	ND	ND	2.780
14	20	59	6.725	2260	35	58.00N	116	29.95W	36	25N	116	26W	608740	25129	190	13	52	41	ND	ND	ND	2.780
15	20	59	8.979	2255	35	48.81N	116	31.98W	36	15N	116	28W	608594	25129	190	12	52	49	ND	ND	ND	2.786
16	20	59	11.234	2255	35	39.62N	116	34.01W	36	6N	116	30W	608448	25129	190	12	52	58	ND	ND	ND	2.786
17	20	59	13.494	2260	35	30.40N	116	36.04W	35	57N	116	32W	608304	25130	190	11	53	7	ND	ND	ND	2.780
18	20	59	15.749	2255	35	21.21N	116	38.06W	35	48N	116	34W	608163	25130	190	11	53	15	ND	ND	ND	2.786
19	20	59	17.999	2250	35	12.04N	116	40.06W	35	39N	116	36W	608023	25131	190	10	53	24	ND	ND	ND	2.793
20	20	59	20.254	2255	35	2.84N	116	42.07W	35	29N	116	38W	607883	25131	190	10	53	33	ND	ND	ND	2.786
21	20	59	22.505	2251	34	53.66N	116	44.07W	35	20N	116	40W	607745	25131	190	9	53	41	ND	ND	ND	2.791

FRAME EPHEMERIS MISSION 1018-1

PASS 210 AFT 27MAR65 ID 44 LIST DATE 27APR65 PAGE 102

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	4	14	58.475	0	72	25.60N	149	28.08E	72	53N	150	2E	668650	24986	201	11	17	9	ND		ND		ND		1.859
2	4	15	1.854	3380	72	12.69N	149	11.70E	72	40N	149	44E	668175	24987	200	57	17	23	ND		ND		ND		1.859
3	4	15	4.604	2750	72	2.16N	148	58.65E	72	30N	149	31E	667789	24988	200	46	17	34	ND		ND		ND		2.285
4	4	15	7.185	2580	71	52.28N	148	46.61E	72	20N	149	18E	667428	24988	200	36	17	44	ND		ND		ND		2.435
5	4	15	9.689	2505	71	42.67N	148	35.11E	72	10N	149	6E	667077	24989	200	26	17	54	ND		ND		ND		2.508
6	4	15	12.164	2475	71	33.17N	148	23.93E	72	1N	148	54E	666731	24990	200	17	18	4	ND		ND		ND		2.539
7	4	15	14.619	2455	71	23.73N	148	13.01E	71	52N	148	43E	666387	24991	200	7	18	13	ND		ND		ND		2.559
8	4	15	17.064	2445	71	14.32N	148	2.30E	71	42N	148	32E	666045	24992	199	58	18	23	ND		ND		ND		2.570
9	4	15	19.499	2435	71	4.94N	147	51.79E	71	33N	148	21E	665705	24992	199	50	18	33	ND		ND		ND		2.580
10	4	15	21.930	2430	70	55.57N	147	41.46E	71	23N	148	10E	665366	24993	199	41	18	42	ND		ND		ND		2.586
11	4	15	24.354	2425	70	46.21N	147	31.30E	71	14N	147	59E	665028	24994	199	33	18	52	ND		ND		ND		2.591
12	4	15	26.775	2421	70	36.86N	147	21.31E	71	5N	147	49E	664690	24995	199	24	19	2	ND		ND		ND		2.595
13	4	15	29.195	2420	70	27.51N	147	11.46E	70	55N	147	39E	664353	24996	199	16	19	11	ND		ND		ND		2.596
14	4	15	31.604	2409	70	18.18N	147	1.80E	70	46N	147	29E	664018	24996	199	8	19	21	ND		ND		ND		2.608
15	4	15	34.020	2415	70	8.83N	146	52.25E	70	37N	147	19E	663682	24997	199	0	19	30	ND		ND		ND		2.602
16	4	15	36.425	2405	69	59.51N	146	42.87E	70	27N	147	9E	663348	24998	198	53	19	40	ND		ND		ND		2.613
17	4	18	11.795	55370	59	46.30N	139	42.37E	60	14N	139	54E	642568	25047	193	41	29	56	ND		ND		ND		0.040
18	4	18	14.979	3185	59	33.57N	139	36.26E	60	1N	139	48E	642164	25048	193	37	30	9	ND		ND		ND		1.973
19	4	18	17.595	2615	59	23.12N	139	31.30E	59	51N	139	43E	641834	25049	193	34	30	19	ND		ND		ND		2.403
20	4	18	20.039	2445	59	13.35N	139	26.70E	59	41N	139	38E	641525	25049	193	31	30	29	ND		ND		ND		2.570
21	4	18	22.420	2380	59	3.83N	139	22.25E	59	32N	139	33E	641226	25050	193	28	30	38	ND		ND		ND		2.640
22	4	18	24.765	2345	58	54.45N	139	17.91E	59	22N	139	29E	640931	25051	193	25	30	48	ND		ND		ND		2.679
23	4	18	27.090	2325	58	45.14N	139	13.63E	59	13N	139	25E	640639	25051	193	23	30	57	ND		ND		ND		2.702
24	4	18	29.409	2320	58	35.86N	139	9.40E	59	4N	139	20E	640349	25052	193	20	31	6	ND		ND		ND		2.708
25	4	18	31.715	2305	58	26.63N	139	5.23E	58	54N	139	16E	640062	25053	193	17	31	15	ND		ND		ND		2.726
26	4	18	34.020	2305	58	17.41N	139	1.09E	58	45N	139	12E	639775	25053	193	15	31	24	ND		ND		ND		2.726
27	4	18	36.319	2300	58	8.20N	138	56.98E	58	36N	139	8E	639489	25054	193	12	31	33	ND		ND		ND		2.732
28	4	18	38.619	2300	57	58.98N	138	52.91E	58	27N	139	3E	639204	25055	193	10	31	42	ND		ND		ND		2.732
29	4	18	40.909	2290	57	49.81N	138	48.89E	58	17N	138	59E	638921	25055	193	7	31	51	ND		ND		ND		2.744
30	4	18	43.199	2290	57	40.63N	138	44.89E	58	8N	138	55E	638638	25056	193	5	32	1	ND		ND		ND		2.744
31	4	18	45.489	2290	57	31.45N	138	40.92E	57	59N	138	51E	638356	25057	193	3	32	10	ND		ND		ND		2.744
32	4	18	47.774	2285	57	22.29N	138	36.99E	57	50N	138	47E	638075	25057	193	0	32	19	ND		ND		ND		2.750
33	4	18	50.060	2285	57	13.13N	138	33.09E	57	41N	138	43E	637795	25058	192	58	32	28	ND		ND		ND		2.750
34	4	18	52.345	2285	57	3.97N	138	29.21E	57	32N	138	39E	637516	25059	192	56	32	37	ND		ND		ND		2.750
35	4	18	54.624	2280	56	54.82N	138	25.37E	57	22N	138	35E	637239	25059	192	53	32	46	ND		ND		ND		2.756
36	4	18	56.904	2280	56	45.67N	138	21.56E	57	13N	138	31E	636960	25060	192	51	32	55	ND		ND		ND		2.756
37	4	18	59.180	2275	56	36.54N	138	17.78E	57	4N	138	27E	636684	25061	192	49	33	4	ND		ND		ND		2.762
38	4	19	1.459	2280	56	27.40N	138	14.02E	56	55N	138	24E	636409	25061	192	47	33	13	ND		ND		ND		2.756
39	4	19	3.734	2275	56	18.26N	138	10.29E	56	46N	138	20E	636133	25062	192	45	33	22	ND		ND		ND		2.762
40	4	19	6.006	2271	56	9.14N	138	6.59E	56	37N	138	16E	635860	25063	192	43	33	31	ND		ND		ND		2.767
41	4	19	8.279	2274	56	0.01N	138	2.91E	56	28N	138	12E	635587	25063	192	40	33	40	ND		ND		ND		2.763
42	4	19	10.550	2270	55	50.89N	137	59.27E	56	18N	138	9E	635314	25064	192	38	33	49	ND		ND		ND		2.768
43	4	19	12.819	2270	55	41.77N	137	55.64E	56	9N	138	5E	635043	25065	192	36	33	58	ND		ND		ND		2.768
44	4	19	15.084	2265	55	32.67N	137	52.05E	56	0N	138	1E	634773	25065	192	34	34	7	ND		ND		ND		2.774
45	4	19	17.350	2265	55	23.57N	137	48.48E	55	51N	137	58E	634503	25066	192	32	34	16	ND		ND		ND		2.774

FRAME EPHEMERIS MISSION 1018-1

PASS 21D AFT 27MAR65 ID 44 LIST DATE 27APR65 PAGE 103

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	4	19	19.614	2265	55	14.46N	137	44.94E	55	42N	137	54E	634235	25067	192	30	34	25	ND		ND		ND		2.774
47	4	19	21.880	2265	55	5.35N	137	41.42E	55	33N	137	50E	633967	25067	192	28	34	34	ND		ND		ND		2.774
48	4	19	24.140	2260	54	56.27N	137	37.92E	55	24N	137	47E	633700	25068	192	26	34	42	ND		ND		ND		2.780
49	4	19	26.399	2260	54	47.18N	137	34.45E	55	15N	137	43E	633434	25068	192	24	34	51	ND		ND		ND		2.780
50	4	19	28.659	2260	54	38.09N	137	31.00E	55	6N	137	40E	633169	25069	192	23	35	0	ND		ND		ND		2.780
51	4	19	30.920	2260	54	28.99N	137	27.57E	54	56N	137	36E	632904	25070	192	21	35	9	ND		ND		ND		2.780
52	4	19	33.175	2255	54	19.92N	137	24.17E	54	47N	137	33E	632641	25070	192	19	35	18	ND		ND		ND		2.786
53	4	19	35.435	2260	54	10.82N	137	20.79E	54	38N	137	29E	632378	25071	192	17	35	27	ND		ND		ND		2.780
54	4	19	37.689	2255	54	1.75N	137	17.43E	54	29N	137	26E	632116	25072	192	15	35	36	ND		ND		ND		2.786
55	4	19	39.944	2255	53	52.67N	137	14.09E	54	20N	137	22E	631855	25072	192	13	35	45	ND		ND		ND		2.786
56	4	19	42.199	2255	53	43.59N	137	10.77E	54	11N	137	19E	631595	25073	192	12	35	54	ND		ND		ND		2.786
57	4	19	44.454	2255	53	34.51N	137	7.47E	54	2N	137	16E	631336	25073	192	10	36	3	ND		ND		ND		2.786
58	4	19	46.704	2250	53	25.45N	137	4.20E	53	53N	137	12E	631077	25074	192	8	36	12	ND		ND		ND		2.793
59	4	19	48.959	2255	53	16.36N	137	0.94E	53	44N	137	9E	630820	25075	192	6	36	21	ND		ND		ND		2.786
60	4	19	51.209	2250	53	7.30N	136	57.70E	53	35N	137	6E	630563	25075	192	5	36	29	ND		ND		ND		2.793
61	4	19	53.459	2250	52	58.23N	136	54.49E	53	26N	137	2E	630308	25076	192	3	36	38	ND		ND		ND		2.793
62	4	19	55.709	2250	52	49.16N	136	51.29E	53	17N	136	59E	630052	25076	192	1	36	47	ND		ND		ND		2.793
63	4	19	57.961	2251	52	40.09N	136	48.11E	53	7N	136	56E	629798	25077	192	0	36	56	ND		ND		ND		2.791
64	4	20	0.209	2249	52	31.02N	136	44.95E	52	58N	136	53E	629544	25078	191	58	37	5	ND		ND		ND		2.794
65	4	20	2.455	2246	52	21.97N	136	41.81E	52	49N	136	50E	629292	25078	191	57	37	14	ND		ND		ND		2.798
66	4	20	4.704	2249	52	12.90N	136	38.69E	52	40N	136	46E	629041	25079	191	55	37	23	ND		ND		ND		2.794
67	4	20	6.954	2250	52	3.82N	136	35.58E	52	31N	136	43E	628789	25079	191	53	37	32	ND		ND		ND		2.793
68	4	20	9.199	2245	51	54.76N	136	32.49E	52	22N	136	40E	628540	25080	191	52	37	40	ND		ND		ND		2.799
69	4	20	11.444	2245	51	45.71N	136	29.42E	52	13N	136	37E	628291	25081	191	50	37	49	ND		ND		ND		2.799
70	4	20	13.689	2245	51	36.65N	136	26.37E	52	4N	136	34E	628044	25081	191	49	37	58	ND		ND		ND		2.799
71	4	20	15.935	2245	51	27.59N	136	23.34E	51	55N	136	31E	627796	25082	191	47	38	7	ND		ND		ND		2.799
72	4	20	18.176	2241	51	18.54N	136	20.32E	51	46N	136	28E	627550	25082	191	46	38	16	ND		ND		ND		2.804
73	4	20	20.420	2244	51	9.48N	136	17.32E	51	37N	136	25E	627304	25083	191	44	38	25	ND		ND		ND		2.800
74	4	20	22.664	2245	51	0.42N	136	14.33E	51	28N	136	22E	627060	25084	191	43	38	34	ND		ND		ND		2.799
75	4	20	24.905	2241	50	51.37N	136	11.37E	51	19N	136	19E	626816	25084	191	42	38	42	ND		ND		ND		2.804
76	4	20	27.149	2244	50	42.31N	136	8.41E	51	10N	136	16E	626574	25085	191	40	38	51	ND		ND		ND		2.800
77	4	20	29.390	2240	50	33.26N	136	5.48E	51	1N	136	13E	626332	25085	191	39	39	0	ND		ND		ND		2.805
78	4	20	31.630	2240	50	24.21N	136	2.56E	50	51N	136	10E	626091	25086	191	37	39	9	ND		ND		ND		2.805
79	4	20	33.870	2241	50	15.16N	135	59.65E	50	42N	136	7E	625851	25086	191	36	39	18	ND		ND		ND		2.804
80	4	20	36.110	2240	50	6.11N	135	56.76E	50	33N	136	4E	625612	25087	191	35	39	27	ND		ND		ND		2.805
81	4	20	38.350	2239	49	57.06N	135	53.89E	50	24N	136	1E	625374	25088	191	33	39	35	ND		ND		ND		2.806
82	4	20	40.590	2240	49	48.01N	135	51.03E	50	15N	135	58E	625137	25088	191	32	39	44	ND		ND		ND		2.805
83	4	20	42.829	2240	49	38.95N	135	48.18E	50	6N	135	55E	624901	25089	191	31	39	53	ND		ND		ND		2.805
84	4	20	45.064	2235	49	29.92N	135	45.36E	49	57N	135	52E	624666	25089	191	29	40	2	ND		ND		ND		2.811
85	4	20	47.301	2236	49	20.88N	135	42.54E	49	48N	135	49E	624431	25090	191	28	40	11	ND		ND		ND		2.810
86	4	20	49.539	2239	49	11.83N	135	39.74E	49	39N	135	46E	624198	25090	191	27	40	19	ND		ND		ND		2.806
87	4	20	51.779	2240	49	2.77N	135	36.95E	49	30N	135	44E	623965	25091	191	25	40	28	ND		ND		ND		2.805
88	4	20	54.020	2240	48	53.70N	135	34.17E	49	21N	135	41E	623733	25092	191	24	40	37	ND		ND		ND		2.805
89	4	20	56.249	2230	48	44.69N	135	31.42E	49	12N	135	38E	623503	25092	191	23	40	46	ND		ND		ND		2.818
90	4	20	58.489	2240	48	35.62N	135	28.66E	49	3N	135	35E	623273	25093	191	22	40	55	ND		ND		ND		2.805

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	4	21	0.725	2235	48 26.58N	135 25.93E	48 54N	135 32E	623044	25093	191 21	41 3	ND	ND	ND	2.811
92	4	21	2.959	2235	48 17.54N	135 23.21E	48 45N	135 30E	622817	25094	191 19	41 12	ND	ND	ND	2.811
93	4	21	5.194	2235	48 8.49N	135 20.50E	48 36N	135 27E	622590	25094	191 18	41 21	ND	ND	ND	2.811
94	4	21	7.430	2235	47 59.44N	135 17.81E	48 27N	135 24E	622364	25095	191 17	41 30	ND	ND	ND	2.811
95	4	21	9.670	2240	47 50.37N	135 15.12E	48 18N	135 21E	622138	25095	191 16	41 39	ND	ND	ND	2.805
96	4	21	11.904	2235	47 41.33N	135 12.45E	48 8N	135 19E	621914	25096	191 15	41 47	ND	ND	ND	2.811
97	4	21	14.135	2230	47 32.30N	135 9.80E	47 59N	135 16E	621692	25096	191 13	41 56	ND	ND	ND	2.818
98	4	21	16.369	2235	47 23.25N	135 7.15E	47 50N	135 13E	621469	25097	191 12	42 5	ND	ND	ND	2.811
99	4	21	18.604	2235	47 14.20N	135 4.52E	47 41N	135 11E	621249	25097	191 11	42 14	ND	ND	ND	2.811
100	4	21	20.834	2230	47 5.17N	135 1.90E	47 32N	135 8E	621029	25098	191 10	42 22	ND	ND	ND	2.818
101	4	21	23.064	2230	46 56.13N	134 59.29E	47 23N	135 5E	620810	25099	191 9	42 31	ND	ND	ND	2.818
102	4	21	25.295	2230	46 47.10N	134 56.70E	47 14N	135 3E	620593	25099	191 8	42 40	ND	ND	ND	2.818
103	4	21	27.529	2235	46 38.04N	134 54.11E	47 5N	135 0E	620375	25100	191 7	42 49	ND	ND	ND	2.811
104	4	21	29.760	2230	46 29.01N	134 51.54E	46 56N	134 58E	620159	25100	191 6	42 58	ND	ND	ND	2.818
105	4	21	31.984	2225	46 19.99N	134 48.99E	46 47N	134 55E	619945	25101	191 5	43 6	ND	ND	ND	2.824
106	4	21	34.215	2230	46 10.95N	134 46.44E	46 38N	134 52E	619731	25101	191 4	43 15	ND	ND	ND	2.818
107	4	21	36.444	2230	46 1.91N	134 43.90E	46 29N	134 50E	619518	25102	191 3	43 24	ND	ND	ND	2.818
108	4	21	38.675	2230	45 52.87N	134 41.37E	46 20N	134 47E	619306	25102	191 2	43 32	ND	ND	ND	2.818
109	4	21	40.899	2225	45 43.85N	134 38.86E	46 11N	134 45E	619096	25103	191 1	43 41	ND	ND	ND	2.824
110	4	21	43.130	2230	45 34.81N	134 36.35E	46 2N	134 42E	618886	25103	191 0	43 50	ND	ND	ND	2.818
111	4	21	45.354	2225	45 25.79N	134 33.86E	45 53N	134 40E	618678	25104	190 59	43 59	ND	ND	ND	2.824
112	4	21	47.579	2225	45 16.77N	134 31.38E	45 44N	134 37E	618470	25104	190 58	44 7	ND	ND	ND	2.824
113	4	21	49.810	2230	45 7.72N	134 28.90E	45 35N	134 35E	618263	25105	190 57	44 16	ND	ND	ND	2.818
114	4	21	52.034	2225	44 58.70N	134 26.44E	45 26N	134 32E	618058	25105	190 56	44 25	ND	ND	ND	2.824
115	4	21	54.265	2230	44 49.65N	134 23.98E	45 17N	134 30E	617853	25106	190 55	44 34	ND	ND	ND	2.818
116	4	21	56.489	2225	44 40.62N	134 21.54E	45 8N	134 27E	617650	25106	190 54	44 42	ND	ND	ND	2.824
117	4	21	58.715	2225	44 31.59N	134 19.11E	44 59N	134 25E	617448	25107	190 53	44 51	ND	ND	ND	2.824
118	4	22	0.939	2225	44 22.57N	134 16.69E	44 50N	134 22E	617247	25107	190 52	45 0	ND	ND	ND	2.824
119	4	22	3.170	2230	44 13.51N	134 14.27E	44 40N	134 20E	617046	25108	190 51	45 8	ND	ND	ND	2.818
120	4	22	5.395	2225	44 4.49N	134 11.87E	44 31N	134 17E	616847	25108	190 50	45 17	ND	ND	ND	2.824
121	4	22	7.615	2221	43 55.47N	134 9.48E	44 22N	134 15E	616649	25109	190 49	45 26	ND	ND	ND	2.829
122	4	22	9.845	2229	43 46.42N	134 7.09E	44 13N	134 13E	616452	25109	190 49	45 35	ND	ND	ND	2.819
123	4	22	12.069	2225	43 37.39N	134 4.72E	44 4N	134 10E	616256	25109	190 48	45 43	ND	ND	ND	2.824
124	4	22	14.295	2225	43 28.35N	134 2.35E	43 55N	134 8E	616061	25110	190 47	45 52	ND	ND	ND	2.824
125	4	22	16.516	2221	43 19.34N	133 60.00E	43 46N	134 5E	615868	25110	190 46	46 1	ND	ND	ND	2.829
126	4	22	18.744	2229	43 10.29N	133 57.64E	43 37N	134 3E	615674	25111	190 45	46 9	ND	ND	ND	2.819
127	4	22	20.970	2225	43 1.25N	133 55.30E	43 28N	134 1E	615483	25111	190 44	46 18	ND	ND	ND	2.824
128	4	22	23.189	2220	42 52.23N	133 52.98E	43 19N	133 58E	615292	25112	190 43	46 27	ND	ND	ND	2.830
129	4	22	25.414	2225	42 43.20N	133 50.66E	43 10N	133 56E	615103	25112	190 43	46 35	ND	ND	ND	2.824
130	4	22	27.640	2225	42 34.16N	133 48.34E	43 1N	133 54E	614915	25113	190 42	46 44	ND	ND	ND	2.824
131	4	22	29.859	2220	42 25.14N	133 46.04E	42 52N	133 51E	614728	25113	190 41	46 53	ND	ND	ND	2.830
132	4	22	32.084	2225	42 16.10N	133 43.74E	42 43N	133 49E	614541	25114	190 40	47 1	ND	ND	ND	2.824
133	4	22	34.306	2221	42 7.07N	133 41.46E	42 34N	133 47E	614357	25114	190 39	47 10	ND	ND	ND	2.829
134	4	22	36.529	2224	41 58.03N	133 39.18E	42 25N	133 44E	614173	25114	190 39	47 19	ND	ND	ND	2.825
135	4	22	38.755	2225	41 48.99N	133 36.90E	42 16N	133 42E	613990	25115	190 38	47 27	ND	ND	ND	2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	4	32	1.545	62790	3	27.59N	126	15.39E	3	54N	126	18E	613479	25119	189	29	77	24	ND		ND		ND		0.011
137	4	32	4.694	3150	3	14.69N	126	13.24E	3	42N	126	16E	613767	25118	189	29	77	26	ND		ND		ND		1.995
138	4	32	7.220	2525	3	4.34N	126	11.53E	3	31N	126	14E	614001	25118	189	29	77	28	ND		ND		ND		2.488
139	4	32	9.574	2355	2	54.70N	126	9.92E	3	22N	126	13E	614220	25117	189	29	77	30	ND		ND		ND		2.668
140	4	32	11.865	2291	2	45.31N	126	8.36E	3	12N	126	11E	614436	25117	189	29	77	31	ND		ND		ND		2.743
141	4	32	14.131	2265	2	36.03N	126	6.82E	3	3N	126	10E	614651	25116	189	29	77	32	ND		ND		ND		2.774
142	4	32	16.386	2255	2	26.79N	126	5.29E	2	54N	126	8E	614867	25116	189	29	77	33	ND		ND		ND		2.786
143	4	32	18.635	2249	2	17.57N	126	3.76E	2	45N	126	7E	615084	25115	189	29	77	34	ND		ND		ND		2.794
144	4	32	20.880	2245	2	8.37N	126	2.24E	2	35N	126	5E	615302	25115	189	29	77	35	ND		ND		ND		2.799
145	4	32	23.124	2245	1	59.18N	126	0.71E	2	26N	126	4E	615522	25114	189	29	77	36	ND		ND		ND		2.799
146	4	32	25.364	2240	1	50.00N	125	59.19E	2	17N	126	2E	615743	25114	189	29	77	36	ND		ND		ND		2.805
147	4	32	27.609	2245	1	40.80N	125	57.66E	2	8N	126	1E	615966	25113	189	29	77	37	ND		ND		ND		2.799
148	4	32	29.845	2235	1	31.65N	125	56.14E	1	59N	125	59E	616190	25113	189	28	77	37	ND		ND		ND		2.811
149	4	32	32.084	2240	1	22.47N	125	54.62E	1	49N	125	57E	616416	25112	189	28	77	38	ND		ND		ND		2.805
150	4	32	34.319	2235	1	13.32N	125	53.10E	1	40N	125	56E	616644	25112	189	28	77	38	ND		ND		ND		2.811
151	4	32	36.560	2240	1	4.14N	125	51.58E	1	31N	125	54E	616873	25111	189	28	77	38	ND		ND		ND		2.805
152	4	32	38.796	2236	0	54.98N	125	50.06E	1	22N	125	53E	617104	25110	189	28	77	38	ND		ND		ND		2.810
153	4	32	41.029	2234	0	45.83N	125	48.55E	1	13N	125	51E	617336	25110	189	28	77	38	ND		ND		ND		2.813
154	4	32	43.270	2240	0	36.65N	125	47.03E	1	4N	125	50E	617570	25109	189	28	77	37	ND		ND		ND		2.805
155	4	32	45.505	2235	0	27.50N	125	45.51E	0	55N	125	48E	617806	25109	189	28	77	37	ND		ND		ND		2.811
156	4	32	47.739	2235	0	18.35N	125	43.99E	0	45N	125	47E	618043	25108	189	28	77	37	ND		ND		ND		2.811
157	4	32	49.975	2235	0	9.20N	125	42.47E	0	36N	125	45E	618282	25108	189	28	77	36	ND		ND		ND		2.811
158	4	32	52.209	2235	0	0.04N	125	40.96E	0	27N	125	44E	618523	25107	189	28	77	35	ND		ND		ND		2.811
159	4	32	54.444	2235	0	9.12S	125	39.44E	0	18N	125	42E	618765	25107	189	28	77	34	ND		ND		ND		2.811
160	4	32	56.681	2236	0	18.28S	125	37.92E	0	9N	125	41E	619009	25106	189	29	77	34	ND		ND		ND		2.810
161	4	32	58.914	2234	0	27.42S	125	36.40E	0	0S	125	39E	619254	25105	189	29	77	33	ND		ND		ND		2.813
162	4	33	1.149	2235	0	36.58S	125	34.89E	0	9S	125	38E	619502	25105	189	29	77	31	ND		ND		ND		2.811
163	4	33	3.390	2240	0	45.75S	125	33.36E	0	19S	125	36E	619752	25104	189	29	77	30	ND		ND		ND		2.805
164	4	33	5.624	2235	0	54.91S	125	31.85E	0	28S	125	35E	620002	25104	189	29	77	29	ND		ND		ND		2.811
165	4	33	7.855	2231	1	4.04S	125	30.33E	0	37S	125	33E	620254	25103	189	29	77	27	ND		ND		ND		2.816
166	4	34	27.539	79684	6	30.19S	124	36.08E	6	3S	124	39E	630303	25080	189	30	75	31	ND		ND		ND		0.079
167	4	34	30.740	3201	6	43.29S	124	33.88E	6	16S	124	37E	630749	25079	189	30	75	25	ND		ND		ND		1.963
168	4	34	33.300	2559	6	53.75S	124	32.13E	6	26S	124	35E	631108	25078	189	30	75	19	ND		ND		ND		2.455
169	4	34	35.699	2400	7	3.57S	124	30.49E	6	36S	124	33E	631445	25077	189	30	75	14	ND		ND		ND		2.618
170	4	34	38.029	2330	7	13.10S	124	28.89E	6	45S	124	32E	631776	25076	189	30	75	8	ND		ND		ND		2.697
171	4	34	40.330	2301	7	22.51S	124	27.32E	6	55S	124	30E	632103	25076	189	30	75	3	ND		ND		ND		2.731
172	4	34	42.614	2284	7	31.85S	124	25.75E	7	4S	124	29E	632430	25075	189	30	74	58	ND		ND		ND		2.751
173	4	34	44.895	2280	7	41.17S	124	24.19E	7	13S	124	27E	632759	25074	189	30	74	53	ND		ND		ND		2.756
174	4	34	47.164	2270	7	50.46S	124	22.63E	7	23S	124	26E	633086	25073	189	30	74	47	ND		ND		ND		2.768
175	4	34	49.435	2270	7	59.74S	124	21.07E	7	32S	124	24E	633415	25073	189	30	74	42	ND		ND		ND		2.768
176	4	34	51.699	2265	8	9.00S	124	19.51E	7	41S	124	22E	633746	25072	189	30	74	36	ND		ND		ND		2.774
177	4	34	53.970	2270	8	18.28S	124	17.95E	7	50S	124	21E	634079	25071	189	30	74	31	ND		ND		ND		2.768
178	4	34	56.230	2261	8	27.53S	124	16.40E	8	0S	124	19E	634411	25070	189	30	74	25	ND		ND		ND		2.779
179	4	34	58.505	2274	8	36.83S	124	14.83E	8	9S	124	18E	634748	25070	189	31	74	20	ND		ND		ND		2.763
180	4	35	0.765	2260	8	46.06S	124	13.28E	8	18S	124	16E	635084	25069	189	31	74	14	ND		ND		ND		2.780

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
181	4	35	3.029	2265	8	55.32S	124	11.72E	8	27S	124	15E	635422	25068	189	31	74	8	ND	ND	ND	2.774
182	4	35	5.295	2265	9	4.58S	124	10.16E	8	37S	124	13E	635762	25067	189	31	74	2	ND	ND	ND	2.774
183	4	35	7.561	2266	9	13.85S	124	8.60E	8	46S	124	12E	636103	25066	189	31	73	56	ND	ND	ND	2.773
184	4	35	9.825	2265	9	23.10S	124	7.04E	8	55S	124	10E	636446	25066	189	31	73	51	ND	ND	ND	2.774
185	4	35	12.095	2269	9	32.38S	124	5.47E	9	4S	124	8E	636791	25065	189	31	73	45	ND	ND	ND	2.769
186	4	35	14.359	2265	9	41.64S	124	3.91E	9	14S	124	7E	637137	25064	189	31	73	39	ND	ND	ND	2.774
187	4	35	16.630	2270	9	50.92S	124	2.34E	9	23S	124	5E	637486	25063	189	31	73	33	ND	ND	ND	2.768
188	4	35	18.899	2270	10	0.19S	124	0.77E	9	32S	124	4E	637835	25062	189	31	73	26	ND	ND	ND	2.768
189	4	35	21.164	2265	10	9.45S	123	59.20E	9	41S	124	2E	638185	25062	189	31	73	20	ND	ND	ND	2.774
190	4	35	23.439	2275	10	18.74S	123	57.63E	9	51S	124	1E	638539	25061	189	31	73	14	ND	ND	ND	2.762
191	4	35	25.709	2270	10	28.02S	123	56.06E	10	0S	123	59E	638893	25060	189	31	73	8	ND	ND	ND	2.768
192	4	35	27.979	2270	10	37.30S	123	54.48E	10	9S	123	58E	639249	25059	189	32	73	2	ND	ND	ND	2.768
193	4	35	30.250	2271	10	46.57S	123	52.91E	10	19S	123	56E	639606	25058	189	32	72	55	ND	ND	ND	2.767
194	4	35	32.524	2274	10	55.86S	123	51.33E	10	28S	123	54E	639965	25057	189	32	72	49	ND	ND	ND	2.763
195	4	35	34.800	2275	11	5.16S	123	49.75E	10	37S	123	53E	640326	25057	189	32	72	42	ND	ND	ND	2.762

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	5	48	59.555	0	52	30.65N	114	29.72E	52	58N	114	38E	629170	25078	191	58	37	5	ND	ND	ND	1.979
2	5	49	2.729	3175	52	17.85N	114	25.29E	52	45N	114	33E	628816	25079	191	56	37	18	ND	ND	ND	1.979
3	5	49	5.300	2570	52	7.49N	114	21.73E	52	35N	114	29E	628531	25080	191	54	37	28	ND	ND	ND	2.445
4	5	49	7.694	2395	51	57.83N	114	18.43E	52	25N	114	26E	628266	25080	191	52	37	38	ND	ND	ND	2.623
5	5	49	10.020	2325	51	48.45N	114	15.25E	52	16N	114	23E	628010	25081	191	51	37	47	ND	ND	ND	2.702
6	5	49	12.314	2295	51	39.19N	114	12.13E	52	7N	114	20E	627758	25082	191	49	37	56	ND	ND	ND	2.738
7	5	49	14.590	2275	51	30.00N	114	9.05E	51	57N	114	16E	627509	25082	191	48	38	5	ND	ND	ND	2.762
8	5	49	16.854	2265	51	20.86N	114	6.00E	51	48N	114	13E	627262	25083	191	46	38	14	ND	ND	ND	2.774
9	5	49	19.114	2260	51	11.74N	114	2.97E	51	39N	114	10E	627016	25083	191	45	38	23	ND	ND	ND	2.780
10	5	49	21.374	2260	51	2.62N	113	59.96E	51	30N	114	7E	626771	25084	191	43	38	31	ND	ND	ND	2.780
11	5	49	23.630	2255	50	53.51N	113	56.97E	51	21N	114	4E	626527	25085	191	42	38	40	ND	ND	ND	2.786
12	5	49	25.880	2250	50	44.42N	113	54.01E	51	12N	114	1E	626285	25085	191	40	38	49	ND	ND	ND	2.793
13	5	49	28.131	2251	50	35.33N	113	51.05E	51	3N	113	58E	626044	25086	191	39	38	58	ND	ND	ND	2.791
14	5	49	30.380	2249	50	26.25N	113	48.12E	50	54N	113	55E	625804	25086	191	37	39	7	ND	ND	ND	2.794
15	5	49	32.630	2250	50	17.16N	113	45.20E	50	44N	113	52E	625564	25087	191	36	39	16	ND	ND	ND	2.793
16	5	49	34.874	2245	50	8.09N	113	42.30E	50	35N	113	49E	625326	25087	191	35	39	25	ND	ND	ND	2.799
17	5	49	37.119	2245	49	59.02N	113	39.42E	50	26N	113	46E	625089	25088	191	33	39	34	ND	ND	ND	2.799
18	5	49	39.364	2245	49	49.94N	113	36.55E	50	17N	113	43E	624853	25089	191	32	39	42	ND	ND	ND	2.799
19	5	49	41.609	2245	49	40.87N	113	33.69E	50	8N	113	41E	624617	25089	191	31	39	51	ND	ND	ND	2.799
20	5	49	43.851	2241	49	31.81N	113	30.86E	49	59N	113	38E	624383	25090	191	29	40	0	ND	ND	ND	2.804
21	5	49	46.095	2244	49	22.73N	113	28.03E	49	50N	113	35E	624149	25090	191	28	40	9	ND	ND	ND	2.800
22	5	49	48.340	2245	49	13.65N	113	25.21E	49	41N	113	32E	623917	25091	191	27	40	18	ND	ND	ND	2.799
23	5	49	50.579	2240	49	4.60N	113	22.42E	49	32N	113	29E	623685	25091	191	26	40	27	ND	ND	ND	2.805
24	5	49	52.819	2240	48	55.54N	113	19.64E	49	23N	113	26E	623455	25092	191	24	40	35	ND	ND	ND	2.805
25	5	51	28.400	95581	42	28.02N	111	31.71E	42	55N	111	37E	614533	25113	190	41	46	50	ND	ND	ND	0.066
26	5	51	31.505	3104	42	15.41N	111	28.50E	42	42N	111	34E	614275	25114	190	40	47	2	ND	ND	ND	2.024
27	5	51	34.020	2515	42	5.19N	111	25.92E	42	32N	111	31E	614068	25114	190	39	47	12	ND	ND	ND	2.498
28	5	51	36.369	2350	41	55.64N	111	23.51E	42	22N	111	29E	613875	25115	190	38	47	21	ND	ND	ND	2.674
29	5	51	38.654	2285	41	46.35N	111	21.18E	42	13N	111	26E	613689	25115	190	38	47	30	ND	ND	ND	2.750
30	5	51	40.914	2260	41	37.17N	111	18.88E	42	4N	111	24E	613507	25116	190	37	47	39	ND	ND	ND	2.780
31	5	51	43.164	2250	41	28.02N	111	16.60E	41	55N	111	22E	613326	25116	190	36	47	47	ND	ND	ND	2.793
32	5	51	45.409	2245	41	18.90N	111	14.33E	41	46N	111	19E	613146	25117	190	35	47	56	ND	ND	ND	2.799
33	5	51	47.645	2235	41	9.81N	111	12.08E	41	37N	111	17E	612970	25117	190	34	48	5	ND	ND	ND	2.811
34	5	51	49.880	2235	41	0.72N	111	9.84E	41	27N	111	15E	612794	25118	190	34	48	14	ND	ND	ND	2.811
35	5	51	52.119	2240	40	51.61N	111	7.61E	41	18N	111	13E	612619	25118	190	33	48	22	ND	ND	ND	2.805
36	5	51	54.354	2235	40	42.52N	111	5.38E	41	9N	111	10E	612445	25118	190	32	48	31	ND	ND	ND	2.811
37	5	51	56.584	2230	40	33.46N	111	3.17E	41	0N	111	8E	612273	25119	190	32	48	40	ND	ND	ND	2.818
38	5	51	58.819	2235	40	24.36N	111	0.96E	40	51N	111	6E	612101	25119	190	31	48	48	ND	ND	ND	2.811
39	5	52	1.046	2226	40	15.31N	110	58.76E	40	42N	111	4E	611932	25120	190	30	48	57	ND	ND	ND	2.823
40	5	52	3.279	2234	40	6.22N	110	56.57E	40	33N	111	1E	611763	25120	190	29	49	6	ND	ND	ND	2.813
41	5	52	5.510	2230	39	57.15N	110	54.38E	40	24N	110	59E	611596	25120	190	29	49	14	ND	ND	ND	2.818
42	5	52	7.739	2230	39	48.08N	110	52.21E	40	15N	110	57E	611430	25121	190	28	49	23	ND	ND	ND	2.818
43	5	52	9.970	2230	39	39.00N	110	50.04E	40	6N	110	55E	611264	25121	190	27	49	32	ND	ND	ND	2.818
44	5	52	12.199	2230	39	29.93N	110	47.87E	39	57N	110	53E	611100	25122	190	27	49	40	ND	ND	ND	2.818
45	5	52	14.426	2226	39	20.87N	110	45.72E	39	48N	110	50E	610938	25122	190	26	49	49	ND	ND	ND	2.823

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	5	52	16.654	2229	39	11.80N	110	43.57E	39	39N	110	48E	610777	25122	190	25	49	58	ND	ND	ND	2.819
47	5	52	18.880	2225	39	2.74N	110	41.43E	39	29N	110	46E	610616	25123	190	25	50	6	ND	ND	ND	2.824
48	5	52	21.104	2225	38	53.68N	110	39.30E	39	20N	110	44E	610458	25123	190	24	50	15	ND	ND	ND	2.824
49	6	1	29.204	48100	1	31.22N	103	41.08E	1	58N	103	44E	616330	25112	189	28	77	37	ND	ND	ND	0.011
50	6	1	32.354	3150	1	18.31N	103	38.94E	1	45N	103	42E	616649	25111	189	28	77	38	ND	ND	ND	1.995
51	6	1	34.885	2530	1	7.95N	103	37.22E	1	35N	103	40E	616909	25111	189	28	77	38	ND	ND	ND	2.483
52	6	1	37.249	2365	0	58.26N	103	35.62E	1	25N	103	38E	617154	25110	189	28	77	38	ND	ND	ND	2.657
53	6	1	39.545	2295	0	48.86N	103	34.06E	1	16N	103	37E	617393	25110	189	28	77	38	ND	ND	ND	2.738
54	6	1	41.815	2271	0	39.56N	103	32.51E	1	7N	103	35E	617631	25109	189	28	77	38	ND	ND	ND	2.767
55	6	1	44.074	2259	0	30.31N	103	30.98E	0	57N	103	34E	617870	25108	189	28	77	37	ND	ND	ND	2.781
56	6	1	46.329	2255	0	21.07N	103	29.45E	0	48N	103	32E	618110	25108	189	28	77	37	ND	ND	ND	2.786
57	6	1	48.575	2246	0	11.88N	103	27.93E	0	39N	103	31E	618350	25107	189	28	77	36	ND	ND	ND	2.798
58	6	1	50.819	2244	0	2.72N	103	26.40E	0	30N	103	29E	618593	25107	189	28	77	36	ND	ND	ND	2.800
59	6	1	53.064	2245	0	6.51S	103	24.88E	0	21N	103	28E	618837	25106	189	28	77	35	ND	ND	ND	2.799
60	6	1	55.310	2245	0	15.72S	103	23.35E	0	11N	103	26E	619082	25106	189	28	77	34	ND	ND	ND	2.799
61	6	1	57.550	2240	0	24.89S	103	21.83E	0	2N	103	25E	619329	25105	189	28	77	33	ND	ND	ND	2.805
62	6	1	59.795	2245	0	34.08S	103	20.31E	0	7S	103	23E	619578	25104	189	28	77	32	ND	ND	ND	2.799
63	6	2	2.034	2240	0	43.25S	103	18.79E	0	16S	103	22E	619828	25104	189	28	77	30	ND	ND	ND	2.805
64	6	2	4.274	2240	0	52.43S	103	17.27E	0	25S	103	20E	620080	25103	189	28	77	29	ND	ND	ND	2.805
65	6	2	6.520	2245	1	1.62S	103	15.74E	0	34S	103	19E	620334	25103	189	28	77	28	ND	ND	ND	2.799
66	6	2	8.755	2235	1	10.77S	103	14.23E	0	44S	103	17E	620588	25102	189	28	77	26	ND	ND	ND	2.811
67	6	2	10.994	2240	1	19.94S	103	12.70E	0	53S	103	16E	620845	25102	189	29	77	25	ND	ND	ND	2.805
68	6	2	13.234	2240	1	29.12S	103	11.18E	1	2S	103	14E	621103	25101	189	29	77	23	ND	ND	ND	2.805
69	6	2	15.476	2241	1	38.29S	103	9.66E	1	11S	103	13E	621363	25100	189	29	77	21	ND	ND	ND	2.804
70	6	2	17.716	2240	1	47.47S	103	8.14E	1	20S	103	11E	621625	25100	189	29	77	19	ND	ND	ND	2.805
71	6	2	19.954	2239	1	56.63S	103	6.62E	1	29S	103	9E	621888	25099	189	29	77	17	ND	ND	ND	2.806
72	6	2	22.199	2245	2	5.82S	103	5.10E	1	39S	103	8E	622153	25099	189	29	77	15	ND	ND	ND	2.799
73	6	2	24.435	2235	2	14.98S	103	3.58E	1	48S	103	6E	622419	25098	189	29	77	12	ND	ND	ND	2.811
74	6	2	26.675	2240	2	24.15S	103	2.05E	1	57S	103	5E	622688	25097	189	29	77	10	ND	ND	ND	2.805
75	6	2	28.914	2240	2	33.32S	103	0.53E	2	6S	103	3E	622957	25097	189	29	77	7	ND	ND	ND	2.805
76	6	2	31.154	2240	2	42.49S	102	59.01E	2	15S	103	2E	623228	25096	189	29	77	5	ND	ND	ND	2.805
77	6	2	33.390	2235	2	51.64S	102	57.49E	2	24S	103	0E	623501	25095	189	29	77	2	ND	ND	ND	2.811
78	6	2	35.630	2240	3	0.81S	102	55.97E	2	33S	102	59E	623776	25095	189	29	76	59	ND	ND	ND	2.805
79	6	2	37.869	2240	3	9.98S	102	54.45E	2	43S	102	57E	624052	25094	189	29	76	57	ND	ND	ND	2.805
80	6	2	40.109	2240	3	19.15S	102	52.92E	2	52S	102	56E	624330	25093	189	29	76	53	ND	ND	ND	2.805
81	6	2	42.350	2240	3	28.32S	102	51.40E	3	1S	102	54E	624609	25093	189	29	76	50	ND	ND	ND	2.805
82	6	2	44.590	2240	3	37.49S	102	49.87E	3	10S	102	53E	624890	25092	189	29	76	47	ND	ND	ND	2.805
83	6	2	46.829	2240	3	46.65S	102	48.35E	3	19S	102	51E	625173	25091	189	29	76	44	ND	ND	ND	2.805
84	6	2	49.069	2240	3	55.82S	102	46.83E	3	28S	102	50E	625457	25091	189	29	76	40	ND	ND	ND	2.805
85	6	2	51.310	2240	4	4.99S	102	45.30E	3	38S	102	48E	625743	25090	189	29	76	37	ND	ND	ND	2.805
86	6	2	53.551	2241	4	14.16S	102	43.78E	3	47S	102	47E	626031	25090	189	29	76	34	ND	ND	ND	2.804
87	6	2	55.790	2240	4	23.33S	102	42.25E	3	56S	102	45E	626320	25089	189	29	76	30	ND	ND	ND	2.805
88	6	2	58.034	2244	4	32.51S	102	40.72E	4	5S	102	44E	626612	25088	189	29	76	26	ND	ND	ND	2.800
89	6	3	0.274	2240	4	41.68S	102	39.20E	4	14S	102	42E	626904	25087	189	29	76	22	ND	ND	ND	2.805
90	6	3	2.515	2240	4	50.85S	102	37.67E	4	23S	102	41E	627198	25087	189	29	76	19	ND	ND	ND	2.805

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
91	6	3	4.760	2245	5	0.03S	102	36.14E	4	33S	102	39E	627494	25086	189 29	76 15	ND	ND	ND	2.799

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	7	16	28.868	0	58	31.60N	94	37.32E	58	59N	94	48E	639220	25054	193	19	31	10	ND	ND	ND	1.942
2	7	16	32.104	3236	58	18.65N	94	31.49E	58	46N	94	42E	638821	25055	193	15	31	23	ND	ND	ND	1.942
3	7	16	34.719	2614	58	8.18N	94	26.83E	58	36N	94	37E	638501	25056	193	12	31	34	ND	ND	ND	2.404
4	7	16	37.158	2440	57	58.41N	94	22.51E	58	26N	94	33E	638202	25057	193	10	31	43	ND	ND	ND	2.575
5	7	16	39.523	2365	57	48.93N	94	18.36E	58	17N	94	29E	637914	25057	193	7	31	53	ND	ND	ND	2.657
6	7	16	41.854	2331	57	39.59N	94	14.29E	58	7N	94	25E	637629	25058	193	5	32	2	ND	ND	ND	2.695
7	7	16	44.163	2309	57	30.33N	94	10.30E	57	58N	94	20E	637349	25059	193	2	32	11	ND	ND	ND	2.721
8	7	16	46.464	2300	57	21.11N	94	6.34E	57	49N	94	16E	637070	25059	193	0	32	20	ND	ND	ND	2.732
9	7	16	48.754	2290	57	11.93N	94	2.44E	57	40N	94	12E	636794	25060	192	57	32	29	ND	ND	ND	2.744
10	7	16	51.043	2290	57	2.74N	93	58.56E	57	30N	94	8E	636517	25061	192	55	32	38	ND	ND	ND	2.744
11	7	16	53.323	2280	56	53.60N	93	54.72E	57	21N	94	5E	636243	25061	192	53	32	47	ND	ND	ND	2.756
12	7	16	55.604	2280	56	44.45N	93	50.91E	57	12N	94	1E	635969	25062	192	51	32	56	ND	ND	ND	2.756
13	7	16	57.884	2280	56	35.29N	93	47.13E	57	3N	93	57E	635696	25063	192	48	33	5	ND	ND	ND	2.756
14	7	17	0.158	2275	56	26.16N	93	43.38E	56	54N	93	53E	635424	25063	192	46	33	14	ND	ND	ND	2.762
15	7	17	2.429	2270	56	17.05N	93	39.66E	56	45N	93	49E	635154	25064	192	44	33	23	ND	ND	ND	2.768
16	7	17	4.698	2270	56	7.94N	93	35.97E	56	35N	93	45E	634884	25064	192	42	33	32	ND	ND	ND	2.768
17	7	17	6.969	2270	55	58.82N	93	32.31E	56	26N	93	42E	634615	25065	192	40	33	41	ND	ND	ND	2.768
18	7	17	9.234	2266	55	49.71N	93	28.67E	56	17N	93	38E	634347	25066	192	38	33	50	ND	ND	ND	2.773
19	7	17	11.498	2264	55	40.62N	93	25.06E	56	8N	93	34E	634081	25066	192	36	33	59	ND	ND	ND	2.775
20	7	17	13.764	2265	55	31.51N	93	21.47E	55	59N	93	31E	633814	25067	192	34	34	8	ND	ND	ND	2.774
21	7	17	16.028	2265	55	22.41N	93	17.91E	55	50N	93	27E	633549	25068	192	32	34	17	ND	ND	ND	2.774
22	7	17	18.288	2260	55	13.33N	93	14.38E	55	41N	93	23E	633284	25068	192	30	34	26	ND	ND	ND	2.780
23	7	17	20.550	2261	55	4.23N	93	10.86E	55	32N	93	20E	633020	25069	192	28	34	35	ND	ND	ND	2.779
24	7	17	22.809	2259	54	55.15N	93	7.37E	55	23N	93	16E	632757	25070	192	26	34	44	ND	ND	ND	2.781
25	7	17	25.069	2261	54	46.06N	93	3.91E	55	14N	93	13E	632495	25070	192	24	34	53	ND	ND	ND	2.779
26	7	17	27.328	2259	54	36.97N	93	0.46E	55	4N	93	9E	632233	25071	192	22	35	2	ND	ND	ND	2.781
27	7	17	29.583	2255	54	27.90N	92	57.04E	54	55N	93	6E	631974	25071	192	20	35	11	ND	ND	ND	2.786
28	7	17	31.839	2255	54	18.82N	92	53.65E	54	46N	93	2E	631714	25072	192	18	35	19	ND	ND	ND	2.786
29	7	17	34.089	2250	54	9.76N	92	50.28E	54	37N	92	59E	631456	25073	192	17	35	28	ND	ND	ND	2.793
30	7	17	36.344	2255	54	0.69N	92	46.92E	54	28N	92	55E	631198	25073	192	15	35	37	ND	ND	ND	2.786
31	7	17	38.599	2255	53	51.61N	92	43.59E	54	19N	92	52E	630941	25074	192	13	35	46	ND	ND	ND	2.786
32	7	20	18.899	60301	43	3.08N	89	25.73E	43	30N	89	31E	614902	25112	190	44	46	16	ND	ND	ND	0.039
33	7	20	22.028	3129	42	50.37N	89	22.45E	43	17N	89	28E	614639	25113	190	43	46	29	ND	ND	ND	2.008
34	7	20	24.543	2515	42	40.16N	89	19.83E	43	7N	89	25E	614429	25113	190	42	46	38	ND	ND	ND	2.498
35	7	20	26.889	2345	42	30.63N	89	17.39E	42	57N	89	23E	614235	25114	190	41	46	48	ND	ND	ND	2.679
36	7	20	29.174	2285	42	21.35N	89	15.03E	42	48N	89	20E	614047	25114	190	40	46	56	ND	ND	ND	2.750
37	7	20	31.438	2265	42	12.14N	89	12.70E	42	39N	89	18E	613862	25115	190	40	47	5	ND	ND	ND	2.774
38	7	20	33.688	2250	42	3.00N	89	10.39E	42	30N	89	15E	613679	25115	190	39	47	14	ND	ND	ND	2.793
39	7	20	35.934	2245	41	53.88N	89	8.09E	42	21N	89	13E	613497	25116	190	38	47	23	ND	ND	ND	2.799
40	7	20	38.174	2240	41	44.77N	89	5.80E	42	12N	89	11E	613318	25116	190	37	47	32	ND	ND	ND	2.805
41	7	20	40.409	2236	41	35.68N	89	3.53E	42	2N	89	9E	613139	25116	190	37	47	40	ND	ND	ND	2.810
42	7	20	42.649	2240	41	26.58N	89	1.26E	41	53N	89	6E	612962	25117	190	36	47	49	ND	ND	ND	2.805
43	7	20	44.889	2239	41	17.47N	88	59.01E	41	44N	89	4E	612785	25117	190	35	47	58	ND	ND	ND	2.806
44	7	20	47.118	2230	41	8.41N	88	56.76E	41	35N	89	2E	612610	25118	190	34	48	6	ND	ND	ND	2.818
45	7	20	49.354	2235	40	59.32N	88	54.52E	41	26N	88	59E	612437	25118	190	34	48	15	ND	ND	ND	2.811

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	7	20	51.583	2230	40	50.25N	88	52.30E	41	17N	88	57E	612265	25119	190	33	48	24	ND		ND		ND		2.818
47	7	20	53.813	2230	40	41.18N	88	50.08E	41	8N	88	55E	612093	25119	190	32	48	32	ND		ND		ND		2.818
48	7	20	56.043	2230	40	32.11N	88	47.87E	40	59N	88	53E	611924	25119	190	31	48	41	ND		ND		ND		2.818
49	7	20	58.274	2231	40	23.04N	88	45.66E	40	50N	88	51E	611755	25120	190	31	48	50	ND		ND		ND		2.816
50	7	21	0.509	2234	40	13.95N	88	43.46E	40	41N	88	48E	611587	25120	190	30	48	58	ND		ND		ND		2.813
51	7	21	2.733	2225	40	4.90N	88	41.27E	40	32N	88	46E	611421	25121	190	29	49	7	ND		ND		ND		2.824
52	7	21	4.964	2230	39	55.82N	88	39.09E	40	23N	88	44E	611256	25121	190	29	49	16	ND		ND		ND		2.818
53	7	21	7.193	2230	39	46.75N	88	36.92E	40	13N	88	42E	611092	25121	190	28	49	24	ND		ND		ND		2.818
54	7	21	9.418	2225	39	37.70N	88	34.75E	40	4N	88	39E	610929	25122	190	27	49	33	ND		ND		ND		2.824
55	7	21	11.644	2225	39	28.64N	88	32.60E	39	55N	88	37E	610768	25122	190	27	49	42	ND		ND		ND		2.824
56	7	21	13.868	2225	39	19.59N	88	30.45E	39	46N	88	35E	610608	25123	190	26	49	50	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	8	25	4.043	0	38 3.64N	117 4.58W	37 29N	116 59W	791534	24709	349 37	-49 10	ND	ND	ND	1.595
2	8	25	7.983	3940	38 19.42N	117 8.25W	37 45N	117 2W	791123	24710	349 36	-48 55	ND	ND	ND	1.595
3	8	25	11.259	3275	38 32.53N	117 11.31W	37 58N	117 5W	790781	24711	349 35	-48 42	ND	ND	ND	1.919
4	8	25	14.363	3105	38 44.96N	117 14.23W	38 10N	117 8W	790458	24711	349 34	-48 30	ND	ND	ND	2.024
5	8	25	17.404	3041	38 57.14N	117 17.10W	38 23N	117 11W	790140	24712	349 33	-48 19	ND	ND	ND	2.066
6	8	25	20.419	3015	39 9.20N	117 19.96W	38 35N	117 14W	789825	24713	349 32	-48 7	ND	ND	ND	2.084
7	8	25	23.424	3004	39 21.23N	117 22.81W	38 47N	117 17W	789511	24714	349 31	-47 56	ND	ND	ND	2.092
8	8	25	26.413	2990	39 33.20N	117 25.67W	38 59N	117 20W	789198	24714	349 30	-47 44	ND	ND	ND	2.101
9	8	25	29.403	2990	39 45.17N	117 28.54W	39 11N	117 22W	788886	24715	349 30	-47 33	ND	ND	ND	2.101
10	8	25	32.385	2981	39 57.10N	117 31.41W	39 23N	117 25W	788574	24716	349 29	-47 21	ND	ND	ND	2.108
11	8	25	35.363	2979	40 9.02N	117 34.30W	39 35N	117 28W	788263	24716	349 28	-47 10	ND	ND	ND	2.109
12	8	25	38.339	2975	40 20.93N	117 37.19W	39 46N	117 31W	787951	24717	349 27	-46 59	ND	ND	ND	2.112
13	8	25	41.318	2980	40 32.85N	117 40.10W	39 58N	117 34W	787639	24718	349 26	-46 47	ND	ND	ND	2.108
14	8	25	44.289	2971	40 44.74N	117 43.01W	40 10N	117 37W	787329	24718	349 25	-46 36	ND	ND	ND	2.115
15	8	25	47.259	2969	40 56.62N	117 45.94W	40 22N	117 40W	787017	24719	349 24	-46 24	ND	ND	ND	2.116

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	8	46	44.340	0	53	24.44N	70	18.83E	53	52N	70	27E	629687	25077	192	8	36	13	ND		ND		ND		2.081
2	8	46	47.359	3020	53	12.27N	70	14.47E	53	40N	70	23E	629350	25077	192	5	36	25	ND		ND		ND		2.081
3	8	46	49.895	2535	53	2.06N	70	10.84E	53	29N	70	19E	629068	25078	192	4	36	35	ND		ND		ND		2.479
4	8	46	52.284	2390	52	52.43N	70	7.44E	53	20N	70	15E	628803	25079	192	2	36	44	ND		ND		ND		2.629
5	8	46	54.609	2325	52	43.05N	70	4.15E	53	10N	70	12E	628546	25079	192	0	36	53	ND		ND		ND		2.702
6	8	46	56.904	2295	52	33.80N	70	0.92E	53	1N	70	9E	628293	25080	191	58	37	3	ND		ND		ND		2.738
7	8	46	59.180	2275	52	24.63N	69	57.73E	52	52N	70	5E	628043	25080	191	57	37	11	ND		ND		ND		2.762
8	8	47	1.449	2270	52	15.47N	69	54.57E	52	43N	70	2E	627795	25081	191	55	37	20	ND		ND		ND		2.768
9	8	47	3.715	2265	52	6.33N	69	51.44E	52	34N	69	59E	627548	25082	191	54	37	29	ND		ND		ND		2.774
10	8	47	5.975	2260	51	57.22N	69	48.33E	52	25N	69	56E	627302	25082	191	52	37	38	ND		ND		ND		2.780
11	8	47	8.234	2260	51	48.10N	69	45.24E	52	15N	69	53E	627057	25083	191	51	37	47	ND		ND		ND		2.780
12	8	47	10.489	2255	51	39.00N	69	42.17E	52	6N	69	50E	626814	25083	191	49	37	56	ND		ND		ND		2.786
13	8	47	12.739	2250	51	29.92N	69	39.12E	51	57N	69	47E	626571	25084	191	48	38	5	ND		ND		ND		2.793
14	8	47	14.994	2255	51	20.82N	69	36.09E	51	48N	69	43E	626330	25085	191	46	38	14	ND		ND		ND		2.786
15	8	47	17.244	2250	51	11.74N	69	33.07E	51	39N	69	40E	626090	25085	191	45	38	23	ND		ND		ND		2.793
16	8	47	19.494	2250	51	2.65N	69	30.08E	51	30N	69	37E	625850	25086	191	43	38	32	ND		ND		ND		2.793
17	8	47	21.739	2245	50	53.58N	69	27.10E	51	21N	69	34E	625612	25086	191	42	38	40	ND		ND		ND		2.799
18	8	47	23.989	2250	50	44.50N	69	24.14E	51	12N	69	31E	625374	25087	191	40	38	49	ND		ND		ND		2.793
19	8	47	26.239	2250	50	35.41N	69	21.18E	51	3N	69	28E	625136	25087	191	39	38	58	ND		ND		ND		2.793
20	8	47	28.484	2245	50	26.34N	69	18.26E	50	54N	69	25E	624901	25088	191	37	39	7	ND		ND		ND		2.799
21	8	47	30.729	2245	50	17.27N	69	15.34E	50	44N	69	22E	624666	25089	191	36	39	16	ND		ND		ND		2.799
22	8	47	32.975	2245	50	8.20N	69	12.44E	50	35N	69	19E	624432	25089	191	35	39	25	ND		ND		ND		2.799
23	8	47	35.220	2245	49	59.12N	69	9.56E	50	26N	69	16E	624199	25090	191	33	39	34	ND		ND		ND		2.799
24	8	47	37.459	2240	49	50.07N	69	6.70E	50	17N	69	14E	623967	25090	191	32	39	42	ND		ND		ND		2.805
25	8	47	39.704	2245	49	41.00N	69	3.84E	50	8N	69	11E	623736	25091	191	31	39	51	ND		ND		ND		2.799
26	8	47	41.945	2241	49	31.94N	69	1.00E	49	59N	69	8E	623506	25091	191	29	40	0	ND		ND		ND		2.804
27	8	47	44.186	2240	49	22.88N	68	58.18E	49	50N	69	5E	623277	25092	191	28	40	9	ND		ND		ND		2.805
28	8	47	46.425	2239	49	13.82N	68	55.37E	49	41N	69	2E	623049	25092	191	27	40	18	ND		ND		ND		2.806
29	8	47	48.664	2240	49	4.77N	68	52.58E	49	32N	68	59E	622822	25093	191	26	40	27	ND		ND		ND		2.805
30	8	47	50.904	2240	48	55.71N	68	49.80E	49	23N	68	56E	622596	25093	191	24	40	35	ND		ND		ND		2.805
31	8	47	53.145	2240	48	46.64N	68	47.03E	49	14N	68	54E	622370	25094	191	23	40	44	ND		ND		ND		2.805
32	8	47	55.381	2236	48	37.59N	68	44.28E	49	5N	68	51E	622146	25095	191	22	40	53	ND		ND		ND		2.810
33	8	47	57.619	2239	48	28.54N	68	41.54E	48	56N	68	48E	621923	25095	191	21	41	2	ND		ND		ND		2.806
34	8	47	59.854	2235	48	19.49N	68	38.82E	48	47N	68	45E	621701	25096	191	19	41	11	ND		ND		ND		2.811
35	8	48	2.091	2236	48	10.44N	68	36.11E	48	38N	68	43E	621479	25096	191	18	41	19	ND		ND		ND		2.810
36	8	48	4.324	2234	48	1.40N	68	33.42E	48	28N	68	40E	621259	25097	191	17	41	28	ND		ND		ND		2.813
37	8	48	6.560	2235	47	52.35N	68	30.73E	48	19N	68	37E	621040	25097	191	16	41	37	ND		ND		ND		2.811
38	8	48	8.794	2235	47	43.31N	68	28.06E	48	10N	68	34E	620821	25098	191	15	41	46	ND		ND		ND		2.811
39	8	48	11.025	2231	47	34.27N	68	25.40E	48	1N	68	32E	620604	25098	191	14	41	54	ND		ND		ND		2.816
40	8	48	13.260	2234	47	25.22N	68	22.76E	47	52N	68	29E	620388	25099	191	12	42	3	ND		ND		ND		2.813
41	8	48	15.489	2230	47	16.19N	68	20.13E	47	43N	68	26E	620172	25099	191	11	42	12	ND		ND		ND		2.818
42	8	48	17.725	2235	47	7.14N	68	17.50E	47	34N	68	24E	619958	25100	191	10	42	21	ND		ND		ND		2.811
43	8	48	19.955	2231	46	58.10N	68	14.89E	47	25N	68	21E	619745	25100	191	9	42	30	ND		ND		ND		2.816
44	8	48	22.189	2234	46	49.05N	68	12.29E	47	16N	68	18E	619532	25101	191	8	42	38	ND		ND		ND		2.813
45	8	48	24.419	2230	46	40.02N	68	9.71E	47	7N	68	16E	619321	25101	191	7	42	47	ND		ND		ND		2.818

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
46	8	48	26.649	2230	46	30.98N	68	7.13E	46	58N	68	13E	619110	25102	191	6	42	56	ND	ND	ND	2.818
47	8	48	28.881	2231	46	21.94N	68	4.57E	46	49N	68	11E	618901	25102	191	5	43	5	ND	ND	ND	2.816
48	8	48	31.109	2229	46	12.90N	68	2.02E	46	40N	68	8E	618693	25103	191	4	43	13	ND	ND	ND	2.819
49	8	48	33.340	2230	46	3.86N	67	59.48E	46	31N	68	5E	618486	25103	191	3	43	22	ND	ND	ND	2.818
50	8	48	35.569	2230	45	54.82N	67	56.95E	46	22N	68	3E	618280	25104	191	2	43	31	ND	ND	ND	2.818
51	8	48	37.801	2231	45	45.78N	67	54.43E	46	13N	68	0E	618074	25104	191	1	43	40	ND	ND	ND	2.816
52	8	48	40.029	2229	45	36.74N	67	51.92E	46	4N	67	58E	617870	25105	191	0	43	48	ND	ND	ND	2.819
53	8	48	42.255	2225	45	27.71N	67	49.43E	45	55N	67	55E	617667	25105	190	59	43	57	ND	ND	ND	2.824
54	8	48	44.484	2230	45	18.67N	67	46.94E	45	46N	67	53E	617466	25106	190	58	44	6	ND	ND	ND	2.818
55	8	48	46.715	2230	45	9.63N	67	44.46E	45	37N	67	50E	617264	25106	190	57	44	14	ND	ND	ND	2.818
56	8	48	48.939	2225	45	0.60N	67	42.00E	45	28N	67	48E	617064	25107	190	56	44	23	ND	ND	ND	2.824
57	8	48	51.164	2225	44	51.58N	67	39.55E	45	19N	67	45E	616865	25107	190	55	44	32	ND	ND	ND	2.824
58	8	48	53.390	2225	44	42.55N	67	37.10E	45	9N	67	43E	616668	25108	190	54	44	41	ND	ND	ND	2.824
59	8	48	55.619	2230	44	33.50N	67	34.67E	45	0N	67	40E	616470	25108	190	53	44	49	ND	ND	ND	2.818
60	8	48	57.845	2225	44	24.47N	67	32.24E	44	51N	67	38E	616275	25109	190	52	44	58	ND	ND	ND	2.824
61	8	49	0.064	2220	44	15.46N	67	29.83E	44	42N	67	35E	616081	25109	190	51	45	7	ND	ND	ND	2.830
62	8	49	2.289	2225	44	6.43N	67	27.43E	44	33N	67	33E	615887	25110	190	50	45	15	ND	ND	ND	2.824
63	8	49	4.515	2225	43	57.40N	67	25.04E	44	24N	67	30E	615694	25110	190	49	45	24	ND	ND	ND	2.824
64	8	49	6.739	2225	43	48.37N	67	22.65E	44	15N	67	28E	615503	25110	190	49	45	33	ND	ND	ND	2.824
65	8	49	8.965	2225	43	39.33N	67	20.27E	44	6N	67	26E	615313	25111	190	48	45	42	ND	ND	ND	2.824
66	8	49	11.189	2225	43	30.30N	67	17.90E	43	57N	67	23E	615123	25111	190	47	45	50	ND	ND	ND	2.824
67	8	49	13.409	2220	43	21.28N	67	15.55E	43	48N	67	21E	614935	25112	190	46	45	59	ND	ND	ND	2.830
68	8	49	15.635	2225	43	12.25N	67	13.20E	43	39N	67	19E	614748	25112	190	45	46	8	ND	ND	ND	2.824
69	8	49	17.859	2225	43	3.21N	67	10.86E	43	30N	67	16E	614562	25113	190	44	46	16	ND	ND	ND	2.824
70	8	49	20.084	2225	42	54.18N	67	8.53E	43	21N	67	14E	614377	25113	190	43	46	25	ND	ND	ND	2.824
71	8	49	22.305	2220	42	45.15N	67	6.21E	43	12N	67	11E	614194	25114	190	43	46	34	ND	ND	ND	2.830
72	8	49	24.525	2221	42	36.13N	67	3.90E	43	3N	67	9E	614011	25114	190	42	46	42	ND	ND	ND	2.829
73	8	49	26.749	2224	42	27.10N	67	1.59E	42	54N	67	7E	613830	25114	190	41	46	51	ND	ND	ND	2.825
74	8	49	28.975	2225	42	18.06N	66	59.29E	42	45N	67	4E	613649	25115	190	40	47	0	ND	ND	ND	2.824
75	8	49	31.194	2220	42	9.04N	66	57.01E	42	36N	67	2E	613469	25115	190	39	47	8	ND	ND	ND	2.830
76	8	49	33.419	2225	41	60.00N	66	54.73E	42	27N	67	0E	613291	25116	190	39	47	17	ND	ND	ND	2.824
77	8	49	35.640	2220	41	50.97N	66	52.46E	42	18N	66	58E	613114	25116	190	38	47	26	ND	ND	ND	2.830
78	8	49	37.860	2221	41	41.94N	66	50.19E	42	9N	66	55E	612938	25117	190	37	47	34	ND	ND	ND	2.829
79	8	49	40.084	2224	41	32.90N	66	47.94E	42	0N	66	53E	612763	25117	190	36	47	43	ND	ND	ND	2.825
80	8	49	42.305	2220	41	23.88N	66	45.69E	41	51N	66	51E	612589	25117	190	36	47	52	ND	ND	ND	2.830
81	8	49	44.524	2220	41	14.85N	66	43.45E	41	42N	66	48E	612417	25118	190	35	48	0	ND	ND	ND	2.830
82	8	49	46.749	2225	41	5.81N	66	41.22E	41	33N	66	46E	612245	25118	190	34	48	9	ND	ND	ND	2.824
83	8	49	48.965	2215	40	56.80N	66	39.00E	41	24N	66	44E	612076	25119	190	33	48	18	ND	ND	ND	2.837
84	8	49	51.185	2220	40	47.77N	66	36.79E	41	15N	66	42E	611906	25119	190	33	48	26	ND	ND	ND	2.830
85	8	49	53.404	2220	40	38.74N	66	34.58E	41	5N	66	39E	611739	25120	190	32	48	35	ND	ND	ND	2.830
86	8	49	55.624	2220	40	29.71N	66	32.38E	40	56N	66	37E	611572	25120	190	31	48	43	ND	ND	ND	2.830
87	8	49	57.845	2220	40	20.68N	66	30.19E	40	47N	66	35E	611407	25120	190	30	48	52	ND	ND	ND	2.830
88	8	50	0.064	2220	40	11.65N	66	28.00E	40	38N	66	33E	611242	25121	190	30	49	1	ND	ND	ND	2.830
89	8	50	2.284	2220	40	2.62N	66	25.82E	40	29N	66	31E	611079	25121	190	29	49	9	ND	ND	ND	2.830
90	8	50	4.505	2220	39	53.58N	66	23.65E	40	20N	66	28E	610916	25122	190	28	49	18	ND	ND	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	8	50	6.720	2215	39	44.57N	66	21.49E	40	11N	66	26E	610756	25122	190	28	49	27	ND		ND		ND		2.837
92	8	50	8.939	2220	39	35.54N	66	19.33E	40	2N	66	24E	610596	25122	190	27	49	35	ND		ND		ND		2.830
93	8	50	11.154	2215	39	26.53N	66	17.19E	39	53N	66	22E	610438	25123	190	26	49	44	ND		ND		ND		2.837
94	8	50	13.374	2220	39	17.49N	66	15.04E	39	44N	66	20E	610281	25123	190	26	49	52	ND		ND		ND		2.830
95	8	50	15.595	2220	39	8.45N	66	12.91E	39	35N	66	18E	610125	25123	190	25	50	1	ND		ND		ND		2.830
96	8	50	17.810	2215	38	59.44N	66	10.78E	39	26N	66	15E	609970	25124	190	24	50	10	ND		ND		ND		2.837
97	8	50	20.029	2220	38	50.40N	66	8.66E	39	17N	66	13E	609816	25124	190	24	50	18	ND		ND		ND		2.830
98	8	50	22.249	2220	38	41.37N	66	6.54E	39	8N	66	11E	609663	25125	190	23	50	27	ND		ND		ND		2.830
99	8	50	24.470	2220	38	32.32N	66	4.43E	38	59N	66	9E	609512	25125	190	23	50	35	ND		ND		ND		2.830
100	8	50	26.685	2215	38	23.31N	66	2.33E	38	50N	66	7E	609362	25125	190	22	50	44	ND		ND		ND		2.837
101	8	50	28.899	2215	38	14.29N	66	0.24E	38	41N	66	5E	609214	25126	190	21	50	53	ND		ND		ND		2.837
102	8	50	31.119	2220	38	5.25N	65	58.15E	38	32N	66	3E	609066	25126	190	21	51	1	ND		ND		ND		2.830
103	8	50	33.334	2215	37	56.23N	65	56.07E	38	23N	66	1E	608920	25126	190	20	51	10	ND		ND		ND		2.837
104	8	50	35.550	2215	37	47.20N	65	53.99E	38	14N	65	58E	608775	25127	190	20	51	18	ND		ND		ND		2.837
105	8	50	37.765	2215	37	38.18N	65	51.92E	38	5N	65	56E	608631	25127	190	19	51	27	ND		ND		ND		2.837
106	8	50	39.984	2220	37	29.14N	65	49.86E	37	56N	65	54E	608488	25127	190	18	51	35	ND		ND		ND		2.830
107	8	50	42.199	2215	37	20.12N	65	47.80E	37	47N	65	52E	608347	25128	190	18	51	44	ND		ND		ND		2.837
108	8	50	44.414	2215	37	11.09N	65	45.75E	37	38N	65	50E	608207	25128	190	17	51	52	ND		ND		ND		2.837
109	8	50	46.635	2220	37	2.05N	65	43.70E	37	29N	65	48E	608068	25128	190	17	52	1	ND		ND		ND		2.830
110	8	50	48.850	2215	36	53.02N	65	41.66E	37	20N	65	46E	607930	25129	190	16	52	10	ND		ND		ND		2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	10	14	41.364	0	57	32.86N	49	41.66E	58	0N	49	52E	636490	25060	193	3	32	8	ND		ND		ND		1.933
2	10	14	44.614	3250	57	19.83N	49	36.07E	57	47N	49	46E	636102	25061	193	0	32	21	ND		ND		ND		1.933
3	10	14	47.220	2605	57	9.38N	49	31.64E	57	37N	49	42E	635791	25062	192	57	32	32	ND		ND		ND		2.412
4	10	14	49.649	2430	56	59.64N	49	27.53E	57	27N	49	37E	635503	25063	192	55	32	41	ND		ND		ND		2.586
5	10	14	52.004	2355	56	50.19N	49	23.57E	57	18N	49	33E	635224	25063	192	52	32	51	ND		ND		ND		2.668
6	10	14	54.324	2320	56	40.88N	49	19.71E	57	8N	49	29E	634950	25064	192	50	33	0	ND		ND		ND		2.708
7	10	14	56.624	2300	56	31.65N	49	15.90E	56	59N	49	25E	634678	25064	192	48	33	9	ND		ND		ND		2.732
8	10	14	58.914	2290	56	22.45N	49	12.14E	56	50N	49	22E	634409	25065	192	46	33	18	ND		ND		ND		2.744
9	10	15	1.194	2280	56	13.30N	49	8.41E	56	41N	49	18E	634141	25066	192	43	33	27	ND		ND		ND		2.756
10	10	15	3.471	2276	56	4.15N	49	4.72E	56	32N	49	14E	633875	25066	192	41	33	36	ND		ND		ND		2.761
11	10	15	5.744	2274	55	55.02N	49	1.06E	56	23N	49	10E	633610	25067	192	39	33	45	ND		ND		ND		2.763
12	10	15	8.016	2271	55	45.90N	48	57.42E	56	13N	49	7E	633345	25068	192	37	33	54	ND		ND		ND		2.767
13	10	15	10.284	2269	55	36.78N	48	53.81E	56	4N	49	3E	633082	25068	192	35	34	3	ND		ND		ND		2.769
14	10	15	12.550	2265	55	27.67N	48	50.23E	55	55N	48	59E	632820	25069	192	33	34	12	ND		ND		ND		2.774
15	10	15	14.810	2260	55	18.59N	48	46.69E	55	46N	48	56E	632559	25070	192	31	34	21	ND		ND		ND		2.780
16	10	15	17.074	2265	55	9.48N	48	43.15E	55	37N	48	52E	632299	25070	192	29	34	30	ND		ND		ND		2.774
17	10	15	19.334	2260	55	0.40N	48	39.65E	55	28N	48	48E	632039	25071	192	27	34	39	ND		ND		ND		2.780
18	10	15	21.591	2256	54	51.32N	48	36.17E	55	19N	48	45E	631780	25071	192	25	34	48	ND		ND		ND		2.785
19	10	15	23.850	2259	54	42.23N	48	32.72E	55	10N	48	41E	631523	25072	192	23	34	57	ND		ND		ND		2.781
20	10	15	26.104	2255	54	33.16N	48	29.29E	55	1N	48	38E	631267	25073	192	21	35	5	ND		ND		ND		2.786
21	10	15	28.359	2255	54	24.09N	48	25.88E	54	52N	48	34E	631011	25073	192	20	35	14	ND		ND		ND		2.786
22	10	15	30.614	2255	54	15.01N	48	22.49E	54	42N	48	31E	630755	25074	192	18	35	23	ND		ND		ND		2.786
23	10	15	32.864	2250	54	5.95N	48	19.13E	54	33N	48	28E	630501	25074	192	16	35	32	ND		ND		ND		2.793
24	10	15	35.114	2250	53	56.89N	48	15.79E	54	24N	48	24E	630248	25075	192	14	35	41	ND		ND		ND		2.793
25	10	15	37.369	2255	53	47.81N	48	12.46E	54	15N	48	21E	629995	25076	192	12	35	50	ND		ND		ND		2.786
26	10	15	39.615	2246	53	38.77N	48	9.16E	54	6N	48	17E	629744	25076	192	11	35	59	ND		ND		ND		2.798
27	10	15	41.864	2249	53	29.71N	48	5.88E	53	57N	48	14E	629493	25077	192	9	36	8	ND		ND		ND		2.794
28	10	15	44.114	2250	53	20.65N	48	2.62E	53	48N	48	11E	629243	25077	192	7	36	17	ND		ND		ND		2.793
29	10	15	46.359	2245	53	11.60N	47	59.39E	53	39N	48	7E	628994	25078	192	5	36	25	ND		ND		ND		2.799
30	10	15	48.604	2245	53	2.55N	47	56.17E	53	30N	48	4E	628746	25079	192	4	36	34	ND		ND		ND		2.799
31	10	15	50.850	2245	52	53.50N	47	52.97E	53	21N	48	1E	628499	25079	192	2	36	43	ND		ND		ND		2.799
32	10	15	53.091	2241	52	44.47N	47	49.79E	53	12N	47	58E	628253	25080	192	0	36	52	ND		ND		ND		2.804
33	10	15	55.334	2244	52	35.42N	47	46.63E	53	3N	47	54E	628007	25080	191	59	37	1	ND		ND		ND		2.800
34	10	15	57.574	2240	52	26.39N	47	43.49E	52	54N	47	51E	627763	25081	191	57	37	10	ND		ND		ND		2.805
35	10	15	59.819	2245	52	17.34N	47	40.37E	52	45N	47	48E	627519	25082	191	56	37	19	ND		ND		ND		2.799
36	10	16	2.060	2240	52	8.30N	47	37.26E	52	36N	47	45E	627276	25082	191	54	37	27	ND		ND		ND		2.805
37	10	16	4.300	2240	51	59.26N	47	34.18E	52	27N	47	42E	627034	25083	191	53	37	36	ND		ND		ND		2.805
38	10	16	6.539	2240	51	50.23N	47	31.11E	52	18N	47	39E	626793	25083	191	51	37	45	ND		ND		ND		2.805
39	10	16	8.779	2240	51	41.19N	47	28.05E	52	8N	47	36E	626553	25084	191	50	37	54	ND		ND		ND		2.805
40	10	16	11.015	2235	51	32.17N	47	25.02E	51	59N	47	32E	626314	25084	191	48	38	3	ND		ND		ND		2.811
41	10	16	13.254	2240	51	23.13N	47	22.00E	51	50N	47	29E	626075	25085	191	47	38	12	ND		ND		ND		2.805
42	10	16	15.489	2235	51	14.10N	47	19.01E	51	41N	47	26E	625837	25086	191	45	38	20	ND		ND		ND		2.811
43	10	16	17.729	2240	51	5.06N	47	16.02E	51	32N	47	23E	625601	25086	191	44	38	29	ND		ND		ND		2.805
44	10	16	19.965	2235	50	56.03N	47	13.05E	51	23N	47	20E	625365	25087	191	42	38	38	ND		ND		ND		2.811
45	10	16	22.199	2235	50	47.01N	47	10.10E	51	14N	47	17E	625130	25087	191	41	38	47	ND		ND		ND		2.811

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	10	16	24.435	2235	50	37.98N	47	7.16E	51	5N	47	14E	624896	25088	191	39	38	56	ND		ND		ND		2.811
47	10	16	26.669	2235	50	28.95N	47	4.24E	50	56N	47	11E	624663	25088	191	38	39	5	ND		ND		ND		2.811
48	10	16	28.904	2235	50	19.92N	47	1.34E	50	47N	47	8E	624431	25089	191	37	39	13	ND		ND		ND		2.811
49	10	16	31.140	2235	50	10.89N	46	58.45E	50	38N	47	5E	624199	25089	191	35	39	22	ND		ND		ND		2.811
50	10	16	33.374	2235	50	1.86N	46	55.57E	50	29N	47	3E	623969	25090	191	34	39	31	ND		ND		ND		2.811
51	10	16	35.604	2230	49	52.85N	46	52.71E	50	20N	47	0E	623740	25091	191	33	39	40	ND		ND		ND		2.818
52	10	16	37.840	2235	49	43.81N	46	49.87E	50	11N	46	57E	623511	25091	191	31	39	49	ND		ND		ND		2.811
53	10	16	40.074	2235	49	34.78N	46	47.03E	50	2N	46	54E	623283	25092	191	30	39	57	ND		ND		ND		2.811
54	10	16	42.305	2230	49	25.76N	46	44.22E	49	53N	46	51E	623056	25092	191	29	40	6	ND		ND		ND		2.818
55	10	16	44.534	2230	49	16.74N	46	41.42E	49	44N	46	48E	622831	25093	191	27	40	15	ND		ND		ND		2.818
56	10	16	46.770	2235	49	7.70N	46	38.63E	49	35N	46	45E	622605	25093	191	26	40	24	ND		ND		ND		2.811
57	10	16	48.995	2226	48	58.70N	46	35.86E	49	26N	46	42E	622382	25094	191	25	40	32	ND		ND		ND		2.823
58	10	16	51.225	2229	48	49.68N	46	33.10E	49	17N	46	40E	622159	25094	191	24	40	41	ND		ND		ND		2.819
59	10	16	53.454	2230	48	40.66N	46	30.35E	49	8N	46	37E	621937	25095	191	22	40	50	ND		ND		ND		2.818
60	10	16	55.689	2235	48	31.62N	46	27.61E	48	59N	46	34E	621716	25095	191	21	40	59	ND		ND		ND		2.811
61	10	16	57.914	2225	48	22.61N	46	24.90E	48	50N	46	31E	621496	25096	191	20	41	8	ND		ND		ND		2.824
62	10	17	0.140	2225	48	13.61N	46	22.20E	48	41N	46	29E	621277	25096	191	19	41	16	ND		ND		ND		2.824
63	10	17	2.374	2235	48	4.56N	46	19.50E	48	32N	46	26E	621058	25097	191	18	41	25	ND		ND		ND		2.811
64	10	17	4.600	2225	47	55.55N	46	16.82E	48	23N	46	23E	620841	25097	191	16	41	34	ND		ND		ND		2.824
65	10	17	6.829	2230	47	46.53N	46	14.15E	48	14N	46	20E	620625	25098	191	15	41	43	ND		ND		ND		2.818
66	10	17	9.055	2225	47	37.52N	46	11.49E	48	5N	46	18E	620410	25098	191	14	41	51	ND		ND		ND		2.824
67	10	17	11.279	2225	47	28.51N	46	8.85E	47	56N	46	15E	620195	25099	191	13	42	0	ND		ND		ND		2.824
68	10	17	13.510	2230	47	19.47N	46	6.22E	47	47N	46	12E	619982	25100	191	12	42	9	ND		ND		ND		2.818
69	10	17	15.734	2225	47	10.46N	46	3.60E	47	38N	46	10E	619769	25100	191	11	42	18	ND		ND		ND		2.824
70	10	17	17.959	2225	47	1.45N	46	0.99E	47	28N	46	7E	619558	25101	191	10	42	26	ND		ND		ND		2.824
71	10	17	20.185	2225	46	52.44N	45	58.40E	47	19N	46	4E	619347	25101	191	9	42	35	ND		ND		ND		2.824
72	10	17	22.409	2225	46	43.42N	45	55.82E	47	10N	46	2E	619138	25102	191	7	42	44	ND		ND		ND		2.824
73	10	17	24.640	2230	46	34.38N	45	53.24E	47	1N	45	59E	618929	25102	191	6	42	53	ND		ND		ND		2.818
74	10	17	26.860	2221	46	25.38N	45	50.68E	46	52N	45	57E	618722	25103	191	5	43	1	ND		ND		ND		2.829
75	10	17	29.090	2229	46	16.35N	45	48.13E	46	43N	45	54E	618515	25103	191	4	43	10	ND		ND		ND		2.819
76	10	17	31.314	2225	46	7.33N	45	45.59E	46	34N	45	51E	618310	25104	191	3	43	19	ND		ND		ND		2.824
77	10	17	33.539	2225	45	58.31N	45	43.06E	46	25N	45	49E	618106	25104	191	2	43	27	ND		ND		ND		2.824
78	10	17	35.765	2225	45	49.29N	45	40.54E	46	16N	45	46E	617902	25104	191	1	43	36	ND		ND		ND		2.824
79	10	17	37.984	2220	45	40.29N	45	38.04E	46	7N	45	44E	617700	25105	191	0	43	45	ND		ND		ND		2.830
80	10	17	40.209	2225	45	31.27N	45	35.54E	45	58N	45	41E	617498	25105	190	59	43	54	ND		ND		ND		2.824
81	10	17	42.435	2225	45	22.24N	45	33.05E	45	49N	45	39E	617298	25106	190	58	44	2	ND		ND		ND		2.824
82	10	17	44.654	2220	45	13.24N	45	30.58E	45	40N	45	36E	617098	25106	190	57	44	11	ND		ND		ND		2.830
83	10	17	46.879	2225	45	4.22N	45	28.12E	45	31N	45	34E	616900	25107	190	56	44	20	ND		ND		ND		2.824
84	10	17	49.101	2221	44	55.20N	45	25.66E	45	22N	45	31E	616703	25107	190	55	44	28	ND		ND		ND		2.829
85	10	17	51.324	2224	44	46.18N	45	23.22E	45	13N	45	29E	616506	25108	190	54	44	37	ND		ND		ND		2.825
86	10	17	53.545	2221	44	37.17N	45	20.78E	45	4N	45	26E	616312	25108	190	54	44	46	ND		ND		ND		2.829
87	10	17	55.770	2224	44	28.14N	45	18.36E	44	55N	45	24E	616117	25109	190	53	44	55	ND		ND		ND		2.825
88	10	17	57.989	2220	44	19.14N	45	15.94E	44	46N	45	21E	615924	25109	190	52	45	3	ND		ND		ND		2.830
89	10	18	0.215	2225	44	10.10N	45	13.54E	44	37N	45	19E	615732	25110	190	51	45	12	ND		ND		ND		2.824
90	10	18	2.435	2220	44	1.09N	45	11.14E	44	28N	45	17E	615541	25110	190	50	45	21	ND		ND		ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	10	18	4.654	2220	43	52.08N	45	8.76E	44	19N	45	14E	615351	25111	190	49	45	29	ND		ND		ND		2.830
92	10	18	6.874	2220	43	43.07N	45	6.38E	44	10N	45	12E	615163	25111	190	48	45	38	ND		ND		ND		2.830
93	10	18	9.100	2225	43	34.03N	45	4.01E	44	1N	45	9E	614975	25112	190	47	45	47	ND		ND		ND		2.824
94	10	18	11.319	2220	43	25.02N	45	1.65E	43	52N	45	7E	614788	25112	190	46	45	55	ND		ND		ND		2.830
95	10	18	13.539	2220	43	16.01N	44	59.30E	43	43N	45	5E	614602	25112	190	46	46	4	ND		ND		ND		2.830
96	10	18	15.760	2220	43	6.99N	44	56.96E	43	34N	45	2E	614418	25113	190	45	46	13	ND		ND		ND		2.830
97	10	18	17.979	2220	42	57.97N	44	54.63E	43	25N	45	0E	614235	25113	190	44	46	21	ND		ND		ND		2.830
98	10	18	20.199	2220	42	48.95N	44	52.31E	43	16N	44	58E	614052	25114	190	43	46	30	ND		ND		ND		2.830
99	10	18	22.419	2220	42	39.94N	44	50.00E	43	7N	44	55E	613870	25114	190	42	46	39	ND		ND		ND		2.830
100	10	18	24.640	2220	42	30.91N	44	47.69E	42	58N	44	53E	613690	25115	190	41	46	47	ND		ND		ND		2.830
101	10	18	26.859	2220	42	21.90N	44	45.39E	42	49N	44	51E	613511	25115	190	41	46	56	ND		ND		ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	11	37	5.779	0	82	4.76N	68	26.73E	82	25N	71	13E	688725	24938	229	26	6	5	ND		ND		ND		1.788
2	11	37	9.294	3515	81	55.31N	67	9.13E	82	16N	69	49E	688240	24939	228	11	6	18	ND		ND		ND		1.788
3	11	37	12.149	2855	81	47.46N	66	8.25E	82	8N	68	43E	687846	24940	227	12	6	30	ND		ND		ND		2.201
4	11	37	14.824	2675	81	39.97N	65	12.95E	82	1N	67	43E	687477	24941	226	18	6	40	ND		ND		ND		2.349
5	11	37	17.430	2605	81	32.56N	64	20.62E	81	54N	66	46E	687117	24942	225	28	6	51	ND		ND		ND		2.412
6	11	37	20.004	2575	81	25.14N	63	30.39E	81	47N	65	52E	686762	24942	224	39	7	1	ND		ND		ND		2.440
7	11	37	22.560	2555	81	17.66N	62	41.90E	81	40N	64	59E	686409	24943	223	53	7	11	ND		ND		ND		2.459
8	11	37	25.104	2545	81	10.12N	61	54.96E	81	32N	64	8E	686058	24944	223	8	7	21	ND		ND		ND		2.469
9	11	37	27.645	2540	81	2.50N	61	9.41E	81	25N	63	19E	685707	24945	222	24	7	31	ND		ND		ND		2.474
10	11	37	30.175	2530	80	54.82N	60	25.27E	81	18N	62	31E	685357	24946	221	42	7	41	ND		ND		ND		2.483
11	11	37	32.700	2526	80	47.08N	59	42.41E	81	10N	61	45E	685008	24947	221	0	7	51	ND		ND		ND		2.487
12	11	37	35.225	2524	80	39.25N	59	0.74E	81	2N	61	0E	684659	24947	220	21	8	1	ND		ND		ND		2.489
13	11	37	37.744	2520	80	31.37N	58	20.26E	80	55N	60	16E	684311	24948	219	42	8	11	ND		ND		ND		2.493
14	11	37	40.265	2520	80	23.41N	57	40.85E	80	47N	59	33E	683963	24949	219	4	8	21	ND		ND		ND		2.493
15	11	37	42.779	2515	80	15.40N	57	2.58E	80	39N	58	52E	683615	24950	218	28	8	31	ND		ND		ND		2.498
16	11	37	45.289	2510	80	7.34N	56	25.39E	80	31N	58	12E	683267	24951	217	52	8	41	ND		ND		ND		2.503
17	11	37	47.805	2515	79	59.19N	55	49.09E	80	23N	57	32E	682919	24951	217	18	8	51	ND		ND		ND		2.498
18	11	37	50.310	2505	79	51.02N	55	13.89E	80	15N	56	54E	682572	24952	216	44	9	1	ND		ND		ND		2.508
19	11	37	52.819	2510	79	42.77N	54	39.53E	80	7N	56	17E	682225	24953	216	12	9	11	ND		ND		ND		2.503
20	11	37	55.320	2501	79	34.49N	54	6.17E	79	59N	55	41E	681879	24954	215	40	9	21	ND		ND		ND		2.512
21	11	37	57.820	2500	79	26.16N	53	33.66E	79	51N	55	6E	681533	24955	215	10	9	31	ND		ND		ND		2.513
22	11	38	0.319	2499	79	17.79N	53	1.99E	79	43N	54	32E	681187	24955	214	40	9	41	ND		ND		ND		2.514
23	11	38	2.819	2500	79	9.36N	52	31.10E	79	34N	53	59E	680841	24956	214	11	9	51	ND		ND		ND		2.513
24	11	40	9.104	26285	71	25.43N	37	0.29E	71	53N	37	30E	663455	24997	200	9	18	12	ND		ND		ND		0.050
25	11	40	12.369	3265	71	12.86N	36	45.99E	71	41N	37	15E	663010	24998	199	57	18	25	ND		ND		ND		1.924
26	11	40	15.074	2705	71	2.44N	36	34.35E	71	30N	37	3E	662643	24998	199	47	18	36	ND		ND		ND		2.323
27	11	40	17.614	2540	70	52.64N	36	23.59E	71	20N	36	52E	662298	24999	199	38	18	46	ND		ND		ND		2.474
28	11	40	20.090	2475	70	43.08N	36	13.27E	71	11N	36	41E	661962	25000	199	30	18	55	ND		ND		ND		2.539
29	11	40	22.529	2440	70	33.65N	36	3.25E	71	1N	36	31E	661631	25001	199	22	19	5	ND		ND		ND		2.575
30	11	40	24.949	2420	70	24.29N	35	53.45E	70	52N	36	20E	661303	25002	199	13	19	15	ND		ND		ND		2.596
31	11	40	27.364	2415	70	14.94N	35	43.81E	70	43N	36	10E	660976	25002	199	6	19	24	ND		ND		ND		2.602
32	11	40	29.765	2400	70	5.64N	35	34.36E	70	33N	36	0E	660652	25003	198	58	19	34	ND		ND		ND		2.618
33	11	40	32.159	2395	69	56.36N	35	25.06E	70	24N	35	51E	660328	25004	198	50	19	43	ND		ND		ND		2.623
34	11	40	34.555	2395	69	47.06N	35	15.89E	70	15N	35	41E	660005	25005	198	43	19	53	ND		ND		ND		2.623
35	11	40	36.944	2390	69	37.78N	35	6.87E	70	6N	35	32E	659682	25005	198	35	20	2	ND		ND		ND		2.629
36	11	40	39.329	2385	69	28.51N	34	57.98E	69	56N	35	23E	659360	25006	198	28	20	12	ND		ND		ND		2.634
37	11	40	41.715	2385	69	19.23N	34	49.21E	69	47N	35	13E	659039	25007	198	21	20	21	ND		ND		ND		2.634
38	11	40	44.090	2375	69	9.99N	34	40.60E	69	38N	35	4E	658720	25008	198	14	20	31	ND		ND		ND		2.646
39	11	40	46.470	2380	69	0.72N	34	32.07E	69	29N	34	56E	658399	25008	198	7	20	40	ND		ND		ND		2.640
40	11	40	48.845	2375	68	51.46N	34	23.68E	69	19N	34	47E	658081	25009	198	1	20	50	ND		ND		ND		2.646
41	11	40	51.215	2370	68	42.21N	34	15.41E	69	10N	34	38E	657762	25010	197	54	20	59	ND		ND		ND		2.651
42	11	40	53.580	2366	68	32.98N	34	7.26E	69	1N	34	30E	657446	25011	197	47	21	8	ND		ND		ND		2.656
43	11	40	55.949	2369	68	23.73N	33	59.21E	68	52N	34	21E	657128	25011	197	41	21	18	ND		ND		ND		2.652
44	11	40	58.314	2365	68	14.48N	33	51.26E	68	42N	34	13E	656812	25012	197	35	21	27	ND		ND		ND		2.657
45	11	41	0.676	2361	68	5.25N	33	43.43E	68	33N	34	5E	656496	25013	197	29	21	37	ND		ND		ND		2.661

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	11	41	3.035	2360	67 56.02N	33 35.70E	68 24N	33 57E	656181	25014	197 22	21 46	ND	ND	ND	2.662
47	11	42	35.149	92114	61 52.07N	29 32.06E	62 20N	29 45E	644192	25042	194 23	27 51	ND	ND	ND	0.068
48	11	42	38.354	3205	61 39.31N	29 25.17E	62 7N	29 38E	643788	25043	194 19	28 4	ND	ND	ND	1.960
49	11	42	40.970	2615	61 28.90N	29 19.61E	61 57N	29 33E	643459	25044	194 15	28 15	ND	ND	ND	2.403
50	11	42	43.419	2450	61 19.14N	29 14.46E	61 47N	29 27E	643151	25044	194 11	28 24	ND	ND	ND	2.565
51	11	42	45.805	2385	61 9.63N	29 9.48E	61 37N	29 22E	642852	25045	194 8	28 34	ND	ND	ND	2.634
52	11	42	48.149	2345	61 0.28N	29 4.63E	61 28N	29 17E	642559	25046	194 5	28 43	ND	ND	ND	2.679
53	11	42	50.475	2325	60 51.01N	28 59.86E	61 19N	29 12E	642268	25046	194 2	28 52	ND	ND	ND	2.702
54	11	42	52.789	2315	60 41.78N	28 55.15E	61 9N	29 7E	641980	25047	193 59	29 1	ND	ND	ND	2.714
55	11	42	55.100	2310	60 32.56N	28 50.49E	61 0N	29 3E	641693	25048	193 56	29 11	ND	ND	ND	2.720
56	11	42	57.404	2305	60 23.36N	28 45.88E	60 51N	28 58E	641407	25048	193 53	29 20	ND	ND	ND	2.726
57	11	42	59.704	2300	60 14.18N	28 41.32E	60 42N	28 53E	641122	25049	193 50	29 29	ND	ND	ND	2.732
58	11	43	1.999	2295	60 5.02N	28 36.80E	60 33N	28 49E	640838	25050	193 47	29 38	ND	ND	ND	2.738
59	11	43	4.294	2295	59 55.85N	28 32.32E	60 24N	28 44E	640555	25050	193 44	29 47	ND	ND	ND	2.738
60	11	43	6.584	2290	59 46.71N	28 27.88E	60 14N	28 39E	640272	25051	193 41	29 56	ND	ND	ND	2.744
61	11	43	8.869	2285	59 37.57N	28 23.49E	60 5N	28 35E	639992	25052	193 38	30 5	ND	ND	ND	2.750
62	11	43	11.154	2285	59 28.44N	28 19.14E	59 56N	28 31E	639712	25052	193 35	30 14	ND	ND	ND	2.750
63	11	43	13.440	2286	59 19.30N	28 14.81E	59 47N	28 26E	639432	25053	193 33	30 23	ND	ND	ND	2.749
64	11	43	15.725	2284	59 10.17N	28 10.52E	59 38N	28 22E	639153	25054	193 30	30 32	ND	ND	ND	2.751
65	11	43	18.004	2280	59 1.05N	28 6.28E	59 29N	28 17E	638875	25054	193 27	30 41	ND	ND	ND	2.756
66	11	43	20.280	2276	58 51.94N	28 2.07E	59 20N	28 13E	638598	25055	193 25	30 50	ND	ND	ND	2.761
67	11	43	22.560	2279	58 42.82N	27 57.89E	59 10N	28 9E	638322	25056	193 22	30 59	ND	ND	ND	2.757
68	11	43	24.834	2275	58 33.72N	27 53.74E	59 1N	28 4E	638046	25056	193 19	31 8	ND	ND	ND	2.762
69	11	43	27.109	2275	58 24.61N	27 49.63E	58 52N	28 0E	637771	25057	193 17	31 17	ND	ND	ND	2.762
70	11	43	29.380	2271	58 15.51N	27 45.56E	58 43N	27 56E	637497	25058	193 14	31 26	ND	ND	ND	2.767
71	11	43	31.650	2270	58 6.42N	27 41.51E	58 34N	27 52E	637225	25058	193 12	31 35	ND	ND	ND	2.768
72	11	43	33.920	2270	57 57.33N	27 37.50E	58 25N	27 48E	636952	25059	193 10	31 44	ND	ND	ND	2.768
73	11	43	36.189	2269	57 48.23N	27 33.51E	58 16N	27 44E	636680	25060	193 7	31 53	ND	ND	ND	2.769
74	11	43	38.454	2265	57 39.16N	27 29.56E	58 7N	27 40E	636410	25060	193 5	32 2	ND	ND	ND	2.774
75	11	43	40.720	2265	57 30.07N	27 25.64E	57 58N	27 36E	636140	25061	193 2	32 11	ND	ND	ND	2.774
76	11	43	42.984	2265	57 20.99N	27 21.75E	57 49N	27 32E	635871	25061	193 0	32 20	ND	ND	ND	2.774
77	11	43	45.249	2265	57 11.91N	27 17.89E	57 39N	27 28E	635602	25062	192 58	32 29	ND	ND	ND	2.774
78	11	43	47.510	2260	57 2.84N	27 14.05E	57 30N	27 24E	635335	25063	192 55	32 38	ND	ND	ND	2.780
79	11	43	49.774	2265	56 53.76N	27 10.24E	57 21N	27 20E	635067	25063	192 53	32 47	ND	ND	ND	2.774
80	11	43	52.029	2255	56 44.71N	27 6.47E	57 12N	27 16E	634802	25064	192 51	32 56	ND	ND	ND	2.786
81	11	43	54.289	2260	56 35.64N	27 2.72E	57 3N	27 12E	634536	25065	192 49	33 5	ND	ND	ND	2.780
82	11	43	56.545	2256	56 26.58N	26 59.00E	56 54N	27 9E	634272	25065	192 47	33 14	ND	ND	ND	2.785
83	11	43	58.805	2259	56 17.51N	26 55.30E	56 45N	27 5E	634008	25066	192 45	33 23	ND	ND	ND	2.781
84	11	44	1.060	2255	56 8.45N	26 51.63E	56 36N	27 1E	633745	25066	192 42	33 32	ND	ND	ND	2.786
85	11	44	3.310	2250	55 59.42N	26 47.99E	56 27N	26 57E	633484	25067	192 40	33 41	ND	ND	ND	2.793
86	11	44	5.564	2255	55 50.36N	26 44.37E	56 18N	26 54E	633223	25068	192 38	33 50	ND	ND	ND	2.786
87	11	44	7.819	2255	55 41.30N	26 40.77E	56 9N	26 50E	632962	25068	192 36	33 59	ND	ND	ND	2.786
88	11	44	10.069	2250	55 32.25N	26 37.20E	56 0N	26 46E	632702	25069	192 34	34 7	ND	ND	ND	2.793
89	11	44	12.315	2246	55 23.23N	26 33.67E	55 51N	26 43E	632444	25070	192 32	34 16	ND	ND	ND	2.798
90	11	44	14.564	2249	55 14.18N	26 30.14E	55 42N	26 39E	632186	25070	192 30	34 25	ND	ND	ND	2.794

PASS 26D AFT 27MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG MI	DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	11	44	16.814	2250	55 5.14N	26 26.65E	55 33N	26 35E	631929	25071	192 28	34 34	ND	ND	ND	2.793
92	11	44	19.060	2245	54 56.11N	26 23.17E	55 24N	26 32E	631672	25071	192 26	34 43	ND	ND	ND	2.799
93	11	44	21.305	2245	54 47.08N	26 19.73E	55 15N	26 28E	631417	25072	192 24	34 52	ND	ND	ND	2.799
94	11	44	23.550	2245	54 38.04N	26 16.30E	55 5N	26 25E	631163	25073	192 23	35 1	ND	ND	ND	2.799
95	11	44	25.795	2246	54 29.01N	26 12.89E	54 56N	26 21E	630908	25073	192 21	35 10	ND	ND	ND	2.798
96	11	44	28.039	2244	54 19.98N	26 9.51E	54 47N	26 18E	630655	25074	192 19	35 18	ND	ND	ND	2.800
97	11	44	30.284	2245	54 10.94N	26 6.14E	54 38N	26 15E	630403	25074	192 17	35 27	ND	ND	ND	2.799
98	11	44	32.524	2240	54 1.92N	26 2.81E	54 29N	26 11E	630152	25075	192 15	35 36	ND	ND	ND	2.805
99	11	44	34.770	2245	53 52.88N	25 59.48E	54 20N	26 8E	629900	25076	192 13	35 45	ND	ND	ND	2.799
100	11	44	37.010	2240	53 43.86N	25 56.18E	54 11N	26 4E	629651	25076	192 12	35 54	ND	ND	ND	2.805
101	11	44	39.249	2240	53 34.84N	25 52.91E	54 2N	26 1E	629402	25077	192 10	36 3	ND	ND	ND	2.805
102	11	44	41.489	2240	53 25.82N	25 49.65E	53 53N	25 58E	629154	25077	192 8	36 12	ND	ND	ND	2.805
103	11	44	43.730	2241	53 16.79N	25 46.40E	53 44N	25 54E	628906	25078	192 7	36 20	ND	ND	ND	2.804
104	11	44	45.970	2239	53 7.76N	25 43.18E	53 35N	25 51E	628659	25079	192 5	36 29	ND	ND	ND	2.806
105	11	44	48.209	2240	52 58.74N	25 39.98E	53 26N	25 48E	628414	25079	192 3	36 38	ND	ND	ND	2.805
106	11	44	50.449	2240	52 49.71N	25 36.80E	53 17N	25 45E	628169	25080	192 2	36 47	ND	ND	ND	2.805
107	11	44	52.685	2235	52 40.70N	25 33.64E	53 8N	25 41E	627925	25080	192 0	36 56	ND	ND	ND	2.811
108	11	44	54.919	2235	52 31.69N	25 30.49E	52 59N	25 38E	627682	25081	191 58	37 5	ND	ND	ND	2.811
109	11	44	57.159	2240	52 22.66N	25 27.36E	52 50N	25 35E	627439	25081	191 57	37 13	ND	ND	ND	2.805
110	11	44	59.390	2230	52 13.66N	25 24.26E	52 41N	25 32E	627198	25082	191 55	37 22	ND	ND	ND	2.818
111	11	45	1.629	2240	52 4.63N	25 21.17E	52 32N	25 29E	626957	25083	191 54	37 31	ND	ND	ND	2.805
112	11	45	3.864	2235	51 55.61N	25 18.09E	52 23N	25 26E	626717	25083	191 52	37 40	ND	ND	ND	2.811
113	11	45	6.095	2230	51 46.61N	25 15.04E	52 14N	25 23E	626479	25084	191 51	37 49	ND	ND	ND	2.818
114	11	45	8.329	2235	51 37.59N	25 12.00E	52 5N	25 19E	626240	25084	191 49	37 58	ND	ND	ND	2.811
115	11	45	10.564	2235	51 28.57N	25 8.98E	51 56N	25 16E	626003	25085	191 48	38 6	ND	ND	ND	2.811
116	11	45	12.794	2230	51 19.57N	25 5.98E	51 47N	25 13E	625768	25085	191 46	38 15	ND	ND	ND	2.818
117	11	45	15.024	2230	51 10.56N	25 2.99E	51 38N	25 10E	625532	25086	191 45	38 24	ND	ND	ND	2.818
118	11	45	17.260	2235	51 1.54N	25 0.01E	51 29N	25 7E	625297	25087	191 43	38 33	ND	ND	ND	2.811
119	11	45	19.505	2246	50 52.47N	24 57.04E	51 20N	25 4E	625062	25087	191 42	38 42	ND	ND	ND	2.798
120	11	58	24.180	84674	2 31.85S	14 1.03E	2 5S	14 4E	623548	25094	189 29	77 9	ND	ND	ND	0.008
121	11	58	27.369	3190	2 44.91S	13 58.86E	2 18S	14 2E	623940	25094	189 29	77 5	ND	ND	ND	1.970
122	11	58	29.930	2560	2 55.39S	13 57.12E	2 28S	14 0E	624257	25093	189 29	77 2	ND	ND	ND	2.454
123	11	58	32.319	2390	3 5.17S	13 55.49E	2 38S	13 58E	624555	25092	189 29	76 59	ND	ND	ND	2.629
124	11	58	34.635	2315	3 14.65S	13 53.92E	2 47S	13 57E	624845	25091	189 29	76 56	ND	ND	ND	2.714
125	11	58	36.919	2285	3 24.00S	13 52.36E	2 57S	13 55E	625133	25091	189 29	76 53	ND	ND	ND	2.750
126	11	58	39.189	2270	3 33.29S	13 50.82E	3 6S	13 54E	625421	25090	189 29	76 49	ND	ND	ND	2.768
127	11	58	41.454	2265	3 42.56S	13 49.28E	3 15S	13 52E	625709	25089	189 29	76 46	ND	ND	ND	2.774
128	11	58	43.710	2256	3 51.79S	13 47.74E	3 24S	13 51E	625999	25089	189 29	76 43	ND	ND	ND	2.785
129	11	58	45.965	2254	4 1.02S	13 46.21E	3 34S	13 49E	626289	25088	189 29	76 39	ND	ND	ND	2.788
130	11	58	48.216	2251	4 10.23S	13 44.67E	3 43S	13 48E	626581	25087	189 29	76 36	ND	ND	ND	2.791
131	11	58	50.470	2254	4 19.46S	13 43.14E	3 52S	13 46E	626875	25087	189 29	76 32	ND	ND	ND	2.788
132	11	58	52.721	2251	4 28.67S	13 41.61E	4 1S	13 45E	627170	25086	189 29	76 29	ND	ND	ND	2.791
133	11	58	54.975	2254	4 37.89S	13 40.07E	4 10S	13 43E	627468	25085	189 29	76 25	ND	ND	ND	2.788
134	11	58	57.221	2246	4 47.08S	13 38.54E	4 20S	13 41E	627764	25085	189 29	76 21	ND	ND	ND	2.798
135	11	58	59.470	2249	4 56.28S	13 37.01E	4 29S	13 40E	628064	25084	189 29	76 17	ND	ND	ND	2.794

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	11	59	1.725	2255	5	5.51S	13	35.47E	4	38S	13	38E	628366	25083	189 29	76 13	ND	ND	ND	2.786
137	11	59	3.971	2246	5	14.70S	13	33.94E	4	47S	13	37E	628669	25083	189 29	76 9	ND	ND	ND	2.798
138	11	59	6.220	2249	5	23.90S	13	32.40E	4	56S	13	35E	628973	25082	189 29	76 5	ND	ND	ND	2.794
139	11	59	8.475	2255	5	33.13S	13	30.86E	5	6S	13	34E	629280	25081	189 29	76 0	ND	ND	ND	2.786
140	11	59	10.720	2245	5	42.31S	13	29.33E	5	15S	13	32E	629587	25080	189 30	75 56	ND	ND	ND	2.799
141	11	59	12.970	2250	5	51.51S	13	27.79E	5	24S	13	31E	629896	25080	189 30	75 52	ND	ND	ND	2.793
142	11	59	15.220	2250	6	0.72S	13	26.26E	5	33S	13	29E	630207	25079	189 30	75 47	ND	ND	ND	2.793
143	11	59	17.470	2250	6	9.92S	13	24.72E	5	42S	13	28E	630519	25078	189 30	75 42	ND	ND	ND	2.793
144	11	59	19.720	2250	6	19.13S	13	23.18E	5	51S	13	26E	630833	25078	189 30	75 38	ND	ND	ND	2.793
145	11	59	21.971	2251	6	28.33S	13	21.64E	6	1S	13	25E	631149	25077	189 30	75 33	ND	ND	ND	2.791
146	11	59	24.225	2254	6	37.55S	13	20.10E	6	10S	13	23E	631466	25076	189 30	75 28	ND	ND	ND	2.788
147	11	59	26.475	2250	6	46.75S	13	18.56E	6	19S	13	22E	631784	25075	189 30	75 23	ND	ND	ND	2.793
148	11	59	28.726	2251	6	55.96S	13	17.02E	6	28S	13	20E	632105	25075	189 30	75 19	ND	ND	ND	2.791
149	11	59	30.979	2254	7	5.18S	13	15.47E	6	37S	13	18E	632427	25074	189 30	75 14	ND	ND	ND	2.788

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PASS 31D AFT 27MAR65 ID 44 LIST DATE 27APR65 PAGE 123

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	19	13	13.879	0	38	28.97N	89	40.19W	38	56N	89	36W	607743	25127	190 22	50 39	ND	ND	ND	2.017
2	19	13	16.994	3115	38	16.29N	89	43.14W	38	43N	89	39W	607547	25128	190 21	50 51	ND	ND	ND	2.017
3	19	13	19.494	2500	38	6.10N	89	45.50W	38	33N	89	41W	607391	25128	190 21	51 1	ND	ND	ND	2.513
4	19	13	21.834	2340	37	56.57N	89	47.70W	38	23N	89	43W	607246	25129	190 20	51 10	ND	ND	ND	2.685
5	19	13	24.119	2285	37	47.27N	89	49.84W	38	14N	89	45W	607106	25129	190 19	51 19	ND	ND	ND	2.750
6	19	13	26.379	2260	37	38.06N	89	51.95W	38	5N	89	47W	606969	25129	190 19	51 28	ND	ND	ND	2.780
7	19	13	28.629	2250	37	28.90N	89	54.04W	37	55N	89	50W	606835	25130	190 18	51 36	ND	ND	ND	2.793
8	19	13	30.869	2240	37	19.77N	89	56.12W	37	46N	89	52W	606701	25130	190 18	51 45	ND	ND	ND	2.805
9	19	13	33.109	2240	37	10.64N	89	58.19W	37	37N	89	54W	606570	25130	190 17	51 54	ND	ND	ND	2.805
10	19	13	35.350	2240	37	1.51N	90	0.26W	37	28N	89	56W	606439	25131	190 17	52 2	ND	ND	ND	2.805
11	19	13	37.584	2235	36	52.41N	90	2.32W	37	19N	89	58W	606310	25131	190 16	52 11	ND	ND	ND	2.811
12	19	13	39.819	2235	36	43.30N	90	4.37W	37	10N	90	0W	606182	25131	190 15	52 19	ND	ND	ND	2.811
13	19	13	42.055	2235	36	34.19N	90	6.41W	37	1N	90	2W	606055	25132	190 15	52 28	ND	ND	ND	2.811
14	19	13	44.289	2235	36	25.08N	90	8.45W	36	52N	90	4W	605930	25132	190 14	52 37	ND	ND	ND	2.811
15	19	13	46.520	2230	36	15.99N	90	10.48W	36	42N	90	6W	605806	25132	190 14	52 45	ND	ND	ND	2.818
16	19	13	48.749	2230	36	6.90N	90	12.50W	36	33N	90	8W	605683	25132	190 13	52 54	ND	ND	ND	2.818
17	19	13	50.979	2230	35	57.81N	90	14.52W	36	24N	90	10W	605562	25133	190 13	53 2	ND	ND	ND	2.818
18	19	13	53.209	2230	35	48.72N	90	16.53W	36	15N	90	12W	605442	25133	190 12	53 11	ND	ND	ND	2.818
19	19	13	55.439	2230	35	39.63N	90	18.54W	36	6N	90	14W	605324	25133	190 12	53 20	ND	ND	ND	2.818
20	19	13	57.664	2225	35	30.56N	90	20.53W	35	57N	90	16W	605206	25134	190 11	53 28	ND	ND	ND	2.824
21	19	13	59.890	2225	35	21.48N	90	22.52W	35	48N	90	18W	605091	25134	190 11	53 37	ND	ND	ND	2.824
22	19	14	2.119	2230	35	12.39N	90	24.51W	35	39N	90	20W	604976	25134	190 10	53 45	ND	ND	ND	2.818
23	19	14	4.345	2225	35	3.31N	90	26.49W	35	30N	90	22W	604863	25134	190 10	53 54	ND	ND	ND	2.824
24	19	14	6.569	2225	34	54.24N	90	28.47W	35	21N	90	24W	604751	25135	190 9	54 2	ND	ND	ND	2.824
25	19	14	8.789	2220	34	45.19N	90	30.43W	35	12N	90	26W	604641	25135	190 9	54 11	ND	ND	ND	2.830
26	19	14	11.020	2230	34	36.09N	90	32.40W	35	3N	90	28W	604531	25135	190 8	54 19	ND	ND	ND	2.818
27	19	14	13.244	2225	34	27.02N	90	34.36W	34	53N	90	30W	604423	25136	190 8	54 28	ND	ND	ND	2.824
28	19	14	15.470	2225	34	17.94N	90	36.32W	34	44N	90	32W	604317	25136	190 7	54 36	ND	ND	ND	2.824
29	19	14	17.690	2221	34	8.88N	90	38.26W	34	35N	90	34W	604211	25136	190 7	54 45	ND	ND	ND	2.829
30	19	14	19.914	2224	33	59.81N	90	40.21W	34	26N	90	36W	604108	25136	190 6	54 53	ND	ND	ND	2.825
31	19	14	57.484	37570	31	26.45N	91	12.34W	31	53N	91	9W	602556	25140	189 59	57 16	ND	ND	ND	0.167
32	19	15	0.561	3076	31	13.89N	91	14.92W	31	40N	91	11W	602446	25140	189 59	57 28	ND	ND	ND	2.043
33	19	15	3.050	2490	31	3.72N	91	17.00W	31	30N	91	13W	602359	25141	189 58	57 37	ND	ND	ND	2.523
34	19	15	5.359	2309	30	54.29N	91	18.92W	31	21N	91	15W	602280	25141	189 58	57 46	ND	ND	ND	2.721
35	19	15	7.629	2270	30	45.02N	91	20.81W	31	11N	91	17W	602204	25141	189 57	57 54	ND	ND	ND	2.768
36	19	15	9.879	2250	30	35.83N	91	22.67W	31	2N	91	19W	602130	25141	189 57	58 3	ND	ND	ND	2.793
37	19	15	12.114	2235	30	26.70N	91	24.52W	30	53N	91	21W	602058	25141	189 57	58 11	ND	ND	ND	2.811
38	19	15	14.350	2235	30	17.56N	91	26.37W	30	44N	91	23W	601987	25142	189 56	58 20	ND	ND	ND	2.811
39	19	15	16.579	2230	30	8.46N	91	28.20W	30	35N	91	25W	601918	25142	189 56	58 28	ND	ND	ND	2.818
40	19	15	18.810	2230	29	59.34N	91	30.04W	30	26N	91	26W	601850	25142	189 55	58 37	ND	ND	ND	2.818
41	19	15	21.034	2225	29	50.25N	91	31.86W	30	17N	91	28W	601784	25142	189 55	58 45	ND	ND	ND	2.824
42	19	15	23.259	2225	29	41.16N	91	33.68W	30	8N	91	30W	601720	25142	189 55	58 53	ND	ND	ND	2.824
43	19	15	25.484	2225	29	32.07N	91	35.50W	29	58N	91	32W	601656	25142	189 54	59 2	ND	ND	ND	2.824
44	19	15	27.709	2225	29	22.98N	91	37.32W	29	49N	91	34W	601595	25143	189 54	59 10	ND	ND	ND	2.824
45	19	15	29.930	2220	29	13.90N	91	39.12W	29	40N	91	35W	601534	25143	189 54	59 18	ND	ND	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	19	15	32.154	2225	29	4.81N	91	40.93W	29	31N	91	37W	601476	25143	189	53	59	26	ND		ND		ND		2.824
47	19	15	34.374	2220	28	55.74N	91	42.73W	29	22N	91	39W	601418	25143	189	53	59	35	ND		ND		ND		2.830
48	19	15	36.595	2220	28	46.66N	91	44.52W	29	13N	91	41W	601362	25143	189	53	59	43	ND		ND		ND		2.830
49	19	15	38.814	2220	28	37.59N	91	46.31W	29	4N	91	43W	601308	25143	189	52	59	51	ND		ND		ND		2.830
50	19	15	41.039	2225	28	28.50N	91	48.11W	28	55N	91	45W	601254	25143	189	52	60	0	ND		ND		ND		2.824
51	19	15	43.259	2220	28	19.43N	91	49.89W	28	46N	91	46W	601203	25144	189	52	60	8	ND		ND		ND		2.830
52	19	15	45.479	2220	28	10.35N	91	51.67W	28	37N	91	48W	601152	25144	189	51	60	16	ND		ND		ND		2.830
53	19	15	47.699	2220	28	1.27N	91	53.45W	28	28N	91	50W	601104	25144	189	51	60	24	ND		ND		ND		2.830

Approved For Release 2001/08/09 : CIA-RDP78T05439A000300140006-4

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH		ROLL		YAW		SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG	MIN	DEG	MIN	DEG	MIN	RATE
1	20	43	2.819	0	35	0.87N	112	41.73W	35	27N	112	38W	604655	25135	190	10	53	56	ND		ND		ND		2.024
2	20	43	5.924	3105	34	48.21N	112	44.49W	35	15N	112	40W	604502	25135	190	9	54	8	ND		ND		ND		2.024
3	20	43	8.419	2495	34	38.03N	112	46.69W	35	4N	112	43W	604380	25135	190	8	54	18	ND		ND		ND		2.518
4	20	43	10.749	2330	34	28.52N	112	48.74W	34	55N	112	45W	604267	25136	190	8	54	26	ND		ND		ND		2.697
5	20	43	13.034	2285	34	19.20N	112	50.75W	34	46N	112	47W	604159	25136	190	7	54	35	ND		ND		ND		2.750
6	20	43	15.289	2255	34	10.00N	112	52.73W	34	36N	112	49W	604053	25136	190	7	54	44	ND		ND		ND		2.786
7	20	43	17.539	2250	34	0.82N	112	54.70W	34	27N	112	51W	603949	25136	190	6	54	52	ND		ND		ND		2.793
8	20	43	19.779	2240	33	51.68N	112	56.65W	34	18N	112	53W	603846	25137	190	6	55	1	ND		ND		ND		2.805
9	20	43	22.020	2240	33	42.54N	112	58.60W	34	9N	112	55W	603745	25137	190	5	55	9	ND		ND		ND		2.805
10	20	43	24.255	2236	33	33.42N	113	0.54W	34	0N	112	57W	603646	25137	190	5	55	18	ND		ND		ND		2.810
11	20	43	26.489	2234	33	24.30N	113	2.47W	33	51N	112	58W	603548	25137	190	5	55	27	ND		ND		ND		2.813
12	20	43	28.725	2235	33	15.18N	113	4.40W	33	42N	113	0W	603451	25138	190	4	55	35	ND		ND		ND		2.811
13	20	43	30.954	2230	33	6.08N	113	6.32W	33	32N	113	2W	603355	25138	190	4	55	44	ND		ND		ND		2.818
14	20	43	33.186	2231	32	56.97N	113	8.24W	33	23N	113	4W	603261	25138	190	3	55	52	ND		ND		ND		2.816
15	20	43	35.419	2234	32	47.86N	113	10.16W	33	14N	113	6W	603168	25138	190	3	56	1	ND		ND		ND		2.813
16	20	43	37.645	2225	32	38.77N	113	12.06W	33	5N	113	8W	603078	25139	190	2	56	9	ND		ND		ND		2.824
17	20	43	39.874	2230	32	29.67N	113	13.96W	32	56N	113	10W	602988	25139	190	2	56	18	ND		ND		ND		2.818
18	20	43	42.104	2230	32	20.57N	113	15.86W	32	47N	113	12W	602900	25139	190	2	56	26	ND		ND		ND		2.818
19	20	43	44.329	2225	32	11.48N	113	17.75W	32	38N	113	14W	602813	25139	190	1	56	34	ND		ND		ND		2.824
20	20	43	46.560	2230	32	2.38N	113	19.64W	32	29N	113	16W	602727	25140	190	1	56	43	ND		ND		ND		2.818
21	20	43	48.784	2225	31	53.29N	113	21.52W	32	20N	113	18W	602643	25140	190	0	56	51	ND		ND		ND		2.824
22	20	43	51.009	2225	31	44.21N	113	23.39W	32	11N	113	20W	602560	25140	190	0	57	0	ND		ND		ND		2.824
23	20	43	53.234	2225	31	35.12N	113	25.27W	32	1N	113	21W	602479	25140	189	59	57	8	ND		ND		ND		2.824
24	20	43	55.459	2225	31	26.04N	113	27.13W	31	52N	113	23W	602399	25140	189	59	57	17	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	4	3	3.143	0	54	21.86N	141	28.80E	54	49N	141	37E	625757	25083	192	19	35	39	ND	ND	ND	1.983
2	4	3	6.311	3168	54	9.11N	141	24.05E	54	36N	141	32E	625424	25083	192	17	35	52	ND	ND	ND	1.983
3	4	3	8.881	2570	53	58.76N	141	20.22E	54	26N	141	29E	625154	25084	192	15	36	2	ND	ND	ND	2.445
4	4	3	11.280	2400	53	49.09N	141	16.68E	54	16N	141	25E	624903	25085	192	13	36	11	ND	ND	ND	2.618
5	4	3	13.610	2330	53	39.70N	141	13.25E	54	7N	141	21E	624662	25085	192	11	36	20	ND	ND	ND	2.697
6	4	3	15.905	2295	53	30.46N	141	9.90E	53	58N	141	18E	624424	25086	192	9	36	29	ND	ND	ND	2.738
7	4	3	18.186	2280	53	21.27N	141	6.60E	53	48N	141	15E	624188	25086	192	7	36	38	ND	ND	ND	2.756
8	4	3	20.455	2270	53	12.12N	141	3.32E	53	39N	141	11E	623954	25087	192	6	36	47	ND	ND	ND	2.768
9	4	3	22.721	2265	53	2.99N	141	0.07E	53	30N	141	8E	623721	25088	192	4	36	56	ND	ND	ND	2.774
10	4	3	24.985	2265	52	53.86N	140	56.84E	53	21N	141	5E	623490	25088	192	2	37	5	ND	ND	ND	2.774
11	4	3	27.240	2255	52	44.76N	140	53.65E	53	12N	141	1E	623260	25089	192	1	37	14	ND	ND	ND	2.786
12	4	3	29.500	2260	52	35.65N	140	50.46E	53	3N	140	58E	623031	25089	191	59	37	23	ND	ND	ND	2.780
13	4	3	31.756	2255	52	26.55N	140	47.30E	52	54N	140	55E	622802	25090	191	57	37	32	ND	ND	ND	2.786
14	4	3	34.011	2255	52	17.45N	140	44.15E	52	45N	140	52E	622574	25090	191	56	37	41	ND	ND	ND	2.786
15	4	3	36.261	2250	52	8.37N	140	41.04E	52	35N	140	49E	622348	25091	191	54	37	50	ND	ND	ND	2.793
16	4	3	38.512	2251	51	59.29N	140	37.93E	52	26N	140	45E	622123	25091	191	53	37	59	ND	ND	ND	2.791
17	4	3	40.761	2249	51	50.21N	140	34.85E	52	17N	140	42E	621898	25092	191	51	38	8	ND	ND	ND	2.794
18	4	3	43.011	2250	51	41.13N	140	31.78E	52	8N	140	39E	621674	25092	191	50	38	16	ND	ND	ND	2.793
19	4	3	45.256	2245	51	32.07N	140	28.74E	51	59N	140	36E	621452	25093	191	48	38	25	ND	ND	ND	2.799
20	4	3	47.500	2245	51	23.00N	140	25.71E	51	50N	140	33E	621231	25093	191	47	38	34	ND	ND	ND	2.799
21	4	3	49.750	2250	51	13.92N	140	22.69E	51	41N	140	30E	621009	25094	191	45	38	43	ND	ND	ND	2.793
22	4	3	51.995	2245	51	4.85N	140	19.69E	51	32N	140	27E	620789	25095	191	44	38	52	ND	ND	ND	2.799
23	4	3	54.235	2240	50	55.80N	140	16.72E	51	23N	140	24E	620571	25095	191	42	39	1	ND	ND	ND	2.805
24	4	3	56.476	2240	50	46.75N	140	13.76E	51	14N	140	21E	620353	25096	191	41	39	9	ND	ND	ND	2.805
25	4	3	58.721	2245	50	37.68N	140	10.81E	51	5N	140	18E	620136	25096	191	39	39	18	ND	ND	ND	2.799
26	4	4	0.961	2240	50	28.63N	140	7.88E	50	56N	140	15E	619919	25097	191	38	39	27	ND	ND	ND	2.805
27	4	4	3.200	2240	50	19.58N	140	4.97E	50	47N	140	12E	619705	25097	191	37	39	36	ND	ND	ND	2.805
28	4	4	5.440	2240	50	10.52N	140	2.07E	50	38N	140	9E	619490	25098	191	35	39	45	ND	ND	ND	2.805
29	4	4	7.681	2240	50	1.47N	139	59.19E	50	28N	140	6E	619277	25098	191	34	39	54	ND	ND	ND	2.805
30	4	4	9.921	2240	49	52.41N	139	56.32E	50	19N	140	3E	619063	25099	191	32	40	2	ND	ND	ND	2.805
31	4	4	12.155	2235	49	43.37N	139	53.47E	50	10N	140	0E	618853	25099	191	31	40	11	ND	ND	ND	2.811
32	4	4	14.391	2235	49	34.33N	139	50.64E	50	1N	139	57E	618642	25100	191	30	40	20	ND	ND	ND	2.811
33	4	4	16.631	2240	49	25.27N	139	47.81E	49	52N	139	55E	618433	25100	191	29	40	29	ND	ND	ND	2.805
34	4	4	18.870	2240	49	16.21N	139	45.00E	49	43N	139	52E	618224	25101	191	27	40	38	ND	ND	ND	2.805
35	4	4	21.105	2235	49	7.17N	139	42.21E	49	34N	139	49E	618016	25101	191	26	40	46	ND	ND	ND	2.811
36	4	4	23.341	2235	48	58.13N	139	39.43E	49	25N	139	46E	617810	25102	191	25	40	55	ND	ND	ND	2.811
37	4	4	25.575	2235	48	49.08N	139	36.66E	49	16N	139	43E	617604	25102	191	24	41	4	ND	ND	ND	2.811
38	4	4	27.811	2235	48	40.04N	139	33.91E	49	7N	139	40E	617398	25103	191	22	41	13	ND	ND	ND	2.811
39	4	4	30.046	2235	48	30.99N	139	31.17E	48	58N	139	38E	617194	25103	191	21	41	22	ND	ND	ND	2.811
40	4	4	32.280	2235	48	21.95N	139	28.44E	48	49N	139	35E	616991	25104	191	20	41	30	ND	ND	ND	2.811
41	4	4	34.516	2235	48	12.90N	139	25.72E	48	40N	139	32E	616788	25104	191	19	41	39	ND	ND	ND	2.811
42	4	4	36.745	2230	48	3.87N	139	23.03E	48	31N	139	29E	616588	25105	191	17	41	48	ND	ND	ND	2.818
43	4	4	38.977	2231	47	54.83N	139	20.34E	48	22N	139	27E	616388	25105	191	16	41	57	ND	ND	ND	2.816
44	4	4	41.211	2234	47	45.78N	139	17.67E	48	13N	139	24E	616189	25106	191	15	42	5	ND	ND	ND	2.813
45	4	4	43.440	2230	47	36.75N	139	15.01E	48	4N	139	21E	615991	25106	191	14	42	14	ND	ND	ND	2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	4	4	45.676	2235	47 27.70N	139 12.36E	47 55N	139 19E	615793	25106	191 13	42 23	ND	ND	ND	2.811
47	4	4	47.905	2230	47 18.67N	139 9.72E	47 46N	139 16E	615597	25107	191 12	42 32	ND	ND	ND	2.818
48	4	4	50.136	2230	47 9.63N	139 7.10E	47 36N	139 13E	615402	25107	191 11	42 40	ND	ND	ND	2.818
49	4	4	52.366	2231	47 0.59N	139 4.48E	47 27N	139 11E	615208	25108	191 10	42 49	ND	ND	ND	2.816
50	4	4	54.601	2234	46 51.54N	139 1.88E	47 18N	139 8E	615014	25108	191 8	42 58	ND	ND	ND	2.813
51	4	4	56.825	2225	46 42.52N	138 59.30E	47 9N	139 5E	614822	25109	191 7	43 7	ND	ND	ND	2.824
52	4	4	59.056	2230	46 33.48N	138 56.72E	47 0N	139 3E	614631	25109	191 6	43 15	ND	ND	ND	2.818
53	4	5	1.285	2230	46 24.44N	138 54.15E	46 51N	139 0E	614440	25110	191 5	43 24	ND	ND	ND	2.818
54	4	5	3.516	2230	46 15.40N	138 51.60E	46 42N	138 57E	614251	25110	191 4	43 33	ND	ND	ND	2.818
55	4	5	5.745	2230	46 6.36N	138 49.05E	46 33N	138 55E	614063	25111	191 3	43 42	ND	ND	ND	2.818
56	4	5	7.971	2225	45 57.34N	138 46.52E	46 24N	138 52E	613876	25111	191 2	43 50	ND	ND	ND	2.824
57	4	5	10.200	2230	45 48.29N	138 44.00E	46 15N	138 50E	613689	25112	191 1	43 59	ND	ND	ND	2.818
58	4	5	12.431	2230	45 39.25N	138 41.49E	46 6N	138 47E	613504	25112	191 0	44 8	ND	ND	ND	2.818
59	4	5	14.660	2230	45 30.20N	138 38.98E	45 57N	138 45E	613319	25112	190 59	44 17	ND	ND	ND	2.818
60	4	5	16.886	2225	45 21.18N	138 36.50E	45 48N	138 42E	613136	25113	190 58	44 25	ND	ND	ND	2.824
61	4	5	19.115	2230	45 12.13N	138 34.01E	45 39N	138 40E	612953	25113	190 57	44 34	ND	ND	ND	2.818
62	4	5	21.341	2225	45 3.10N	138 31.55E	45 30N	138 37E	612773	25114	190 56	44 43	ND	ND	ND	2.824
63	4	5	23.570	2230	44 54.05N	138 29.09E	45 21N	138 35E	612592	25114	190 55	44 51	ND	ND	ND	2.818
64	4	5	25.796	2225	44 45.02N	138 26.64E	45 12N	138 32E	612413	25115	190 54	45 0	ND	ND	ND	2.824
65	4	5	28.021	2225	44 35.99N	138 24.20E	45 3N	138 30E	612236	25115	190 53	45 9	ND	ND	ND	2.824
66	4	5	30.245	2225	44 26.96N	138 21.78E	44 54N	138 27E	612059	25115	190 53	45 18	ND	ND	ND	2.824
67	4	5	32.471	2225	44 17.93N	138 19.36E	44 45N	138 25E	611883	25116	190 52	45 26	ND	ND	ND	2.824
68	4	5	34.695	2225	44 8.90N	138 16.95E	44 36N	138 22E	611708	25116	190 51	45 35	ND	ND	ND	2.824
69	4	5	36.926	2230	43 59.84N	138 14.54E	44 27N	138 20E	611534	25117	190 50	45 44	ND	ND	ND	2.818
70	4	5	39.150	2225	43 50.81N	138 12.16E	44 18N	138 18E	611361	25117	190 49	45 52	ND	ND	ND	2.824
71	4	5	41.375	2225	43 41.77N	138 9.78E	44 8N	138 15E	611190	25118	190 48	46 1	ND	ND	ND	2.824
72	4	5	43.601	2225	43 32.73N	138 7.40E	43 59N	138 13E	611019	25118	190 47	46 10	ND	ND	ND	2.824
73	4	5	45.825	2225	43 23.70N	138 5.04E	43 50N	138 10E	610849	25118	190 46	46 18	ND	ND	ND	2.824
74	4	5	48.051	2225	43 14.66N	138 2.69E	43 41N	138 8E	610681	25119	190 45	46 27	ND	ND	ND	2.824
75	4	5	50.271	2220	43 5.64N	138 0.35E	43 32N	138 6E	610514	25119	190 45	46 36	ND	ND	ND	2.830
76	4	5	52.495	2225	42 56.60N	137 58.01E	43 23N	138 3E	610348	25120	190 44	46 44	ND	ND	ND	2.824
77	4	5	54.721	2225	42 47.56N	137 55.68E	43 14N	138 1E	610182	25120	190 43	46 53	ND	ND	ND	2.824
78	4	5	56.941	2221	42 38.54N	137 53.37E	43 5N	137 59E	610018	25120	190 42	47 2	ND	ND	ND	2.829
79	4	5	59.165	2224	42 29.50N	137 51.06E	42 56N	137 56E	609855	25121	190 41	47 10	ND	ND	ND	2.825
80	4	6	1.391	2225	42 20.45N	137 48.76E	42 47N	137 54E	609693	25121	190 41	47 19	ND	ND	ND	2.824
81	4	6	3.615	2225	42 11.41N	137 46.47E	42 38N	137 52E	609533	25122	190 40	47 28	ND	ND	ND	2.824
82	4	6	5.836	2220	42 2.39N	137 44.18E	42 29N	137 49E	609372	25122	190 39	47 36	ND	ND	ND	2.830
83	4	6	8.061	2225	41 53.34N	137 41.91E	42 20N	137 47E	609214	25122	190 38	47 45	ND	ND	ND	2.824
84	4	6	10.280	2220	41 44.32N	137 39.64E	42 11N	137 45E	609057	25123	190 37	47 54	ND	ND	ND	2.830

Approved For Release 2001/06/09 : CIA-RDP78T05439A000300140006-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	5	32	14.601	0	53	23.23N	118	52.78E	53	50N	119	1E	623929	25087	192	8	36	37	ND		ND		ND		1.963
2	5	32	17.802	3201	53	10.32N	118	48.16E	53	37N	118	56E	623601	25088	192	5	36	49	ND		ND		ND		1.963
3	5	32	20.347	2545	53	0.06N	118	44.52E	53	27N	118	52E	623342	25088	192	3	36	59	ND		ND		ND		2.469
4	5	32	22.735	2389	52	50.43N	118	41.12E	53	18N	118	49E	623100	25089	192	1	37	9	ND		ND		ND		2.630
5	5	32	25.061	2325	52	41.05N	118	37.83E	53	8N	118	46E	622864	25089	192	0	37	18	ND		ND		ND		2.702
6	5	32	27.346	2285	52	31.84N	118	34.62E	52	59N	118	42E	622634	25090	191	58	37	27	ND		ND		ND		2.750
7	5	32	29.615	2270	52	22.68N	118	31.44E	52	50N	118	39E	622407	25090	191	57	37	36	ND		ND		ND		2.768
8	5	32	31.875	2260	52	13.56N	118	28.30E	52	41N	118	36E	622180	25091	191	55	37	45	ND		ND		ND		2.780
9	5	32	34.136	2260	52	4.44N	118	25.17E	52	32N	118	33E	621955	25091	191	53	37	54	ND		ND		ND		2.780
10	5	32	36.391	2255	51	55.34N	118	22.07E	52	22N	118	30E	621731	25092	191	52	38	3	ND		ND		ND		2.786
11	5	32	38.641	2250	51	46.26N	118	19.00E	52	13N	118	26E	621508	25093	191	50	38	11	ND		ND		ND		2.793
12	5	32	40.891	2250	51	37.18N	118	15.94E	52	4N	118	23E	621286	25093	191	49	38	20	ND		ND		ND		2.793
13	5	32	43.141	2250	51	28.09N	118	12.89E	51	55N	118	20E	621066	25094	191	47	38	29	ND		ND		ND		2.793
14	5	32	45.386	2245	51	19.03N	118	9.87E	51	46N	118	17E	620846	25094	191	46	38	38	ND		ND		ND		2.799
15	5	32	47.626	2241	51	9.98N	118	6.87E	51	37N	118	14E	620627	25095	191	44	38	47	ND		ND		ND		2.804
16	5	32	49.870	2244	51	0.91N	118	3.89E	51	28N	118	11E	620410	25095	191	43	38	56	ND		ND		ND		2.800
17	5	32	52.115	2245	50	51.84N	118	0.91E	51	19N	118	8E	620192	25096	191	41	39	5	ND		ND		ND		2.799
18	5	32	54.355	2240	50	42.79N	117	57.96E	51	10N	118	5E	619977	25096	191	40	39	13	ND		ND		ND		2.805
19	5	32	56.597	2241	50	33.74N	117	55.02E	51	1N	118	2E	619761	25097	191	39	39	22	ND		ND		ND		2.804
20	5	32	58.835	2239	50	24.69N	117	52.11E	50	52N	117	59E	619548	25097	191	37	39	31	ND		ND		ND		2.806
21	5	33	1.080	2245	50	15.62N	117	49.19E	50	43N	117	56E	619334	25098	191	36	39	40	ND		ND		ND		2.799
22	5	33	3.320	2240	50	6.56N	117	46.30E	50	34N	117	53E	619121	25098	191	34	39	49	ND		ND		ND		2.805
23	5	33	5.556	2235	49	57.52N	117	43.43E	50	24N	117	50E	618910	25099	191	33	39	57	ND		ND		ND		2.811
24	5	33	7.796	2240	49	48.47N	117	40.57E	50	15N	117	47E	618700	25099	191	32	40	6	ND		ND		ND		2.805
25	5	33	10.035	2240	49	39.41N	117	37.72E	50	6N	117	44E	618489	25100	191	30	40	15	ND		ND		ND		2.805
26	5	33	12.271	2235	49	30.37N	117	34.89E	49	57N	117	42E	618281	25100	191	29	40	24	ND		ND		ND		2.811
27	5	33	14.506	2235	49	21.33N	117	32.08E	49	48N	117	39E	618073	25101	191	28	40	33	ND		ND		ND		2.811
28	5	33	16.740	2235	49	12.29N	117	29.28E	49	39N	117	36E	617867	25101	191	27	40	42	ND		ND		ND		2.811
29	5	33	18.976	2235	49	3.24N	117	26.49E	49	30N	117	33E	617661	25102	191	25	40	50	ND		ND		ND		2.811
30	5	33	21.210	2235	48	54.20N	117	23.72E	49	21N	117	30E	617457	25102	191	24	40	59	ND		ND		ND		2.811
31	5	35	27.717	26506	40	20.78N	115	4.58E	40	47N	115	9E	607478	25126	190	31	49	14	ND		ND		ND		0.050
32	5	35	30.820	3104	40	8.16N	115	1.53E	40	35N	115	6E	607277	25127	190	30	49	26	ND		ND		ND		2.024
33	5	35	33.315	2495	39	58.00N	114	59.08E	40	25N	115	4E	607117	25127	190	29	49	35	ND		ND		ND		2.518
34	5	35	35.655	2340	39	48.48N	114	56.80E	40	15N	115	2E	606968	25128	190	28	49	44	ND		ND		ND		2.685
35	5	35	37.932	2276	39	39.22N	114	54.58E	40	6N	114	59E	606824	25128	190	27	49	53	ND		ND		ND		2.761
36	5	35	40.190	2259	39	30.02N	114	52.39E	39	57N	114	57E	606683	25128	190	27	50	2	ND		ND		ND		2.781
37	5	35	42.436	2245	39	20.88N	114	50.22E	39	47N	114	55E	606544	25129	190	26	50	11	ND		ND		ND		2.799
38	5	35	44.676	2240	39	11.76N	114	48.06E	39	38N	114	53E	606406	25129	190	25	50	19	ND		ND		ND		2.805
39	5	35	46.910	2235	39	2.67N	114	45.91E	39	29N	114	51E	606270	25129	190	25	50	28	ND		ND		ND		2.811
40	5	35	49.146	2235	38	53.56N	114	43.77E	39	20N	114	48E	606135	25130	190	24	50	37	ND		ND		ND		2.811
41	5	35	51.381	2235	38	44.46N	114	41.64E	39	11N	114	46E	606001	25130	190	23	50	45	ND		ND		ND		2.811
42	5	35	53.611	2231	38	35.38N	114	39.51E	39	2N	114	44E	605869	25130	190	23	50	54	ND		ND		ND		2.816
43	5	35	55.846	2234	38	26.28N	114	37.39E	38	53N	114	42E	605738	25131	190	22	51	3	ND		ND		ND		2.813
44	5	35	58.075	2230	38	17.20N	114	35.28E	38	44N	114	40E	605608	25131	190	22	51	11	ND		ND		ND		2.818
45	5	36	0.306	2230	38	8.11N	114	33.18E	38	35N	114	38E	605479	25131	190	21	51	20	ND		ND		ND		2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	5	36	2.535	2230	37	59.03N	114	31.08E	38	26N	114	36E	605352	25131	190	20	51	28	ND		ND		ND		2.818
47	5	36	4.766	2230	37	49.95N	114	28.99E	38	16N	114	33E	605226	25132	190	20	51	37	ND		ND		ND		2.818
48	5	36	6.990	2225	37	40.88N	114	26.91E	38	7N	114	31E	605101	25132	190	19	51	46	ND		ND		ND		2.824
49	5	36	9.216	2225	37	31.82N	114	24.84E	37	58N	114	29E	604978	25132	190	19	51	54	ND		ND		ND		2.824
50	5	36	11.441	2226	37	22.75N	114	22.77E	37	49N	114	27E	604856	25133	190	18	52	3	ND		ND		ND		2.823
51	5	36	13.666	2225	37	13.68N	114	20.71E	37	40N	114	25E	604734	25133	190	17	52	11	ND		ND		ND		2.824
52	5	36	15.896	2229	37	4.60N	114	18.65E	37	31N	114	23E	604615	25133	190	17	52	20	ND		ND		ND		2.819
53	5	36	18.120	2225	36	55.53N	114	16.60E	37	22N	114	21E	604496	25134	190	16	52	28	ND		ND		ND		2.824
54	5	36	20.346	2225	36	46.46N	114	14.56E	37	13N	114	19E	604379	25134	190	16	52	37	ND		ND		ND		2.824
55	5	36	22.570	2225	36	37.40N	114	12.52E	37	4N	114	17E	604263	25134	190	15	52	46	ND		ND		ND		2.824
56	5	36	24.796	2225	36	28.32N	114	10.48E	36	55N	114	15E	604148	25134	190	15	52	54	ND		ND		ND		2.824
57	5	36	27.021	2225	36	19.26N	114	8.46E	36	46N	114	13E	604035	25135	190	14	53	3	ND		ND		ND		2.824
58	5	36	29.240	2220	36	10.21N	114	6.44E	36	37N	114	11E	603923	25135	190	14	53	11	ND		ND		ND		2.830
59	5	36	31.466	2225	36	1.13N	114	4.43E	36	28N	114	9E	603812	25135	190	13	53	20	ND		ND		ND		2.824
60	5	36	33.686	2220	35	52.08N	114	2.42E	36	18N	114	7E	603702	25136	190	12	53	28	ND		ND		ND		2.830
61	5	36	35.910	2225	35	43.01N	114	0.42E	36	9N	114	5E	603594	25136	190	12	53	37	ND		ND		ND		2.824
62	5	36	38.131	2220	35	33.96N	113	58.42E	36	0N	114	3E	603488	25136	190	11	53	45	ND		ND		ND		2.830
63	5	36	40.351	2220	35	24.90N	113	56.43E	35	51N	114	1E	603382	25136	190	11	53	54	ND		ND		ND		2.830
64	5	36	42.575	2225	35	15.83N	113	54.45E	35	42N	113	59E	603277	25137	190	10	54	2	ND		ND		ND		2.824
65	5	36	44.796	2220	35	6.78N	113	52.47E	35	33N	113	57E	603174	25137	190	10	54	11	ND		ND		ND		2.830
66	5	36	47.016	2220	34	57.72N	113	50.49E	35	24N	113	55E	603073	25137	190	9	54	19	ND		ND		ND		2.830
67	5	36	49.240	2225	34	48.65N	113	48.52E	35	15N	113	53E	602972	25137	190	9	54	28	ND		ND		ND		2.824
68	5	36	51.466	2225	34	39.57N	113	46.55E	35	6N	113	51E	602872	25138	190	8	54	36	ND		ND		ND		2.824
69	5	36	53.686	2220	34	30.51N	113	44.60E	34	57N	113	49E	602775	25138	190	8	54	45	ND		ND		ND		2.830
70	5	36	55.905	2220	34	21.46N	113	42.64E	34	48N	113	47E	602678	25138	190	8	54	53	ND		ND		ND		2.830
71	5	36	58.125	2220	34	12.40N	113	40.70E	34	39N	113	45E	602583	25138	190	7	55	2	ND		ND		ND		2.830
72	5	37	0.346	2220	34	3.34N	113	38.75E	34	30N	113	43E	602489	25139	190	7	55	10	ND		ND		ND		2.830
73	5	37	2.570	2225	33	54.26N	113	36.81E	34	21N	113	41E	602396	25139	190	6	55	19	ND		ND		ND		2.824
74	5	37	4.790	2220	33	45.21N	113	34.88E	34	12N	113	39E	602305	25139	190	6	55	27	ND		ND		ND		2.830
75	5	37	7.006	2215	33	36.16N	113	32.95E	34	3N	113	37E	602215	25139	190	5	55	36	ND		ND		ND		2.837
76	5	37	9.230	2225	33	27.09N	113	31.03E	33	53N	113	35E	602126	25139	190	5	55	44	ND		ND		ND		2.824
77	5	37	11.450	2220	33	18.03N	113	29.11E	33	44N	113	33E	602039	25140	190	4	55	53	ND		ND		ND		2.830
78	5	37	13.671	2220	33	8.96N	113	27.19E	33	35N	113	31E	601953	25140	190	4	56	1	ND		ND		ND		2.830
79	5	37	15.887	2216	32	59.92N	113	25.29E	33	26N	113	29E	601869	25140	190	3	56	9	ND		ND		ND		2.835
80	5	37	18.105	2219	32	50.86N	113	23.38E	33	17N	113	27E	601786	25140	190	3	56	18	ND		ND		ND		2.832
81	5	37	20.330	2225	32	41.78N	113	21.48E	33	8N	113	25E	601704	25140	190	3	56	26	ND		ND		ND		2.824
82	5	37	22.551	2220	32	32.71N	113	19.58E	32	59N	113	23E	601623	25141	190	2	56	35	ND		ND		ND		2.830
83	5	37	24.766	2215	32	23.67N	113	17.70E	32	50N	113	22E	601544	25141	190	2	56	43	ND		ND		ND		2.837
84	5	37	26.990	2225	32	14.59N	113	15.80E	32	41N	113	20E	601466	25141	190	1	56	52	ND		ND		ND		2.824
85	5	37	29.210	2220	32	5.53N	113	13.92E	32	32N	113	18E	601389	25141	190	1	57	0	ND		ND		ND		2.830
86	5	37	31.431	2220	31	56.46N	113	12.04E	32	23N	113	16E	601314	25141	190	0	57	8	ND		ND		ND		2.830
87	5	37	33.646	2215	31	47.41N	113	10.17E	32	14N	113	14E	601241	25142	190	0	57	17	ND		ND		ND		2.837
88	5	37	35.865	2220	31	38.35N	113	8.30E	32	5N	113	12E	601168	25142	190	0	57	25	ND		ND		ND		2.830
89	5	37	38.085	2220	31	29.28N	113	6.44E	31	56N	113	10E	601097	25142	189	59	57	33	ND		ND		ND		2.830
90	5	37	40.306	2220	31	20.21N	113	4.58E	31	47N	113	8E	601027	25142	189	59	57	42	ND		ND		ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	5	37	42.516	2210	31	11.19N	113	2.73E	31	37N	113	7E	600960	25142	189	59	57	50	ND		ND		ND		2.843
92	5	37	44.735	2220	31	2.12N	113	0.88E	31	28N	113	5E	600893	25143	189	58	57	58	ND		ND		ND		2.830
93	5	37	46.955	2220	30	53.06N	112	59.03E	31	19N	113	3E	600827	25143	189	58	58	7	ND		ND		ND		2.830
94	5	37	49.176	2220	30	43.98N	112	57.18E	31	10N	113	1E	600763	25143	189	57	58	15	ND		ND		ND		2.830
95	5	37	51.391	2215	30	34.94N	112	55.35E	31	1N	112	59E	600701	25143	189	57	58	23	ND		ND		ND		2.837
96	5	37	53.610	2220	30	25.87N	112	53.51E	30	52N	112	57E	600639	25143	189	57	58	32	ND		ND		ND		2.830
97	5	37	55.825	2215	30	16.82N	112	51.68E	30	43N	112	55E	600579	25143	189	56	58	40	ND		ND		ND		2.837
98	5	37	58.046	2220	30	7.75N	112	49.85E	30	34N	112	54E	600521	25143	189	56	58	48	ND		ND		ND		2.830
99	5	38	0.261	2215	29	58.70N	112	48.03E	30	25N	112	52E	600464	25144	189	56	58	57	ND		ND		ND		2.837
100	5	38	2.476	2215	29	49.65N	112	46.21E	30	16N	112	50E	600409	25144	189	55	59	5	ND		ND		ND		2.837
101	5	38	4.700	2225	29	40.56N	112	44.39E	30	7N	112	48E	600354	25144	189	55	59	13	ND		ND		ND		2.824
102	5	38	6.915	2215	29	31.50N	112	42.58E	29	58N	112	46E	600301	25144	189	54	59	22	ND		ND		ND		2.837
103	5	38	9.131	2215	29	22.45N	112	40.78E	29	49N	112	44E	600250	25144	189	54	59	30	ND		ND		ND		2.837
104	5	38	11.346	2215	29	13.40N	112	38.97E	29	40N	112	43E	600200	25144	189	54	59	38	ND		ND		ND		2.837
105	5	38	13.565	2220	29	4.33N	112	37.17E	29	31N	112	41E	600151	25144	189	53	59	46	ND		ND		ND		2.830
106	5	38	15.785	2220	28	55.25N	112	35.37E	29	22N	112	39E	600104	25145	189	53	59	55	ND		ND		ND		2.830
107	5	38	18.000	2215	28	46.20N	112	33.58E	29	12N	112	37E	600058	25145	189	53	60	3	ND		ND		ND		2.837
108	5	44	30.155	72155	3	22.07N	108	3.96E	3	49N	108	7E	614374	25113	189	29	77	26	ND		ND		ND		0.017
109	5	44	33.315	3160	3	9.12N	108	1.81E	3	36N	108	5E	614691	25112	189	29	77	28	ND		ND		ND		1.988
110	5	44	35.851	2535	2	58.74N	108	0.08E	3	26N	108	3E	614947	25112	189	29	77	29	ND		ND		ND		2.479
111	5	44	38.216	2365	2	49.05N	107	58.47E	3	16N	108	1E	615188	25111	189	29	77	30	ND		ND		ND		2.657
112	5	44	40.516	2300	2	39.63N	107	56.91E	3	7N	108	0E	615424	25110	189	29	77	31	ND		ND		ND		2.732
113	5	44	42.790	2275	2	30.31N	107	55.36E	2	57N	107	58E	615658	25110	189	29	77	32	ND		ND		ND		2.762
114	5	44	45.051	2260	2	21.05N	107	53.83E	2	48N	107	57E	615894	25109	189	29	77	33	ND		ND		ND		2.780
115	5	44	47.301	2250	2	11.83N	107	52.30E	2	39N	107	55E	616130	25109	189	29	77	33	ND		ND		ND		2.793
116	5	44	49.551	2250	2	2.62N	107	50.77E	2	30N	107	54E	616367	25108	189	29	77	34	ND		ND		ND		2.793
117	5	44	51.801	2250	1	53.40N	107	49.24E	2	20N	107	52E	616606	25108	189	29	77	34	ND		ND		ND		2.793
118	5	44	54.046	2245	1	44.21N	107	47.71E	2	11N	107	51E	616845	25107	189	28	77	34	ND		ND		ND		2.799
119	5	44	56.290	2245	1	35.02N	107	46.19E	2	2N	107	49E	617088	25107	189	28	77	35	ND		ND		ND		2.799
120	5	44	58.530	2240	1	25.84N	107	44.67E	1	53N	107	48E	617331	25106	189	28	77	35	ND		ND		ND		2.805
121	5	45	0.775	2245	1	16.65N	107	43.14E	1	44N	107	46E	617576	25105	189	28	77	35	ND		ND		ND		2.799
122	5	45	3.016	2240	1	7.47N	107	41.62E	1	35N	107	44E	617822	25105	189	28	77	34	ND		ND		ND		2.805
123	5	45	5.256	2240	0	58.30N	107	40.10E	1	25N	107	43E	618070	25104	189	28	77	34	ND		ND		ND		2.805
124	5	45	7.495	2240	0	49.12N	107	38.58E	1	16N	107	41E	618319	25104	189	28	77	34	ND		ND		ND		2.805
125	5	45	9.740	2245	0	39.93N	107	37.06E	1	7N	107	40E	618570	25103	189	28	77	33	ND		ND		ND		2.799
126	5	45	11.980	2240	0	30.76N	107	35.54E	0	58N	107	38E	618823	25103	189	28	77	33	ND		ND		ND		2.805
127	5	45	14.221	2240	0	21.58N	107	34.02E	0	49N	107	37E	619078	25102	189	28	77	32	ND		ND		ND		2.805
128	5	45	16.460	2240	0	12.42N	107	32.50E	0	40N	107	35E	619333	25101	189	28	77	31	ND		ND		ND		2.805
129	5	45	18.700	2240	0	3.25N	107	30.98E	0	30N	107	34E	619591	25101	189	28	77	30	ND		ND		ND		2.805
130	5	45	20.940	2240	0	5.95S	107	29.45E	0	21N	107	32E	619850	25100	189	28	77	29	ND		ND		ND		2.805
131	5	45	23.181	2240	0	15.11S	107	27.93E	0	12N	107	31E	620111	25100	189	28	77	28	ND		ND		ND		2.805
132	5	45	25.421	2240	0	24.28S	107	26.41E	0	3N	107	29E	620373	25099	189	28	77	27	ND		ND		ND		2.805
133	5	45	27.660	2240	0	33.45S	107	24.89E	0	6S	107	28E	620636	25098	189	29	77	25	ND		ND		ND		2.805
134	5	45	29.900	2240	0	42.62S	107	23.37E	0	15S	107	26E	620902	25098	189	29	77	24	ND		ND		ND		2.805
135	5	45	32.146	2245	0	51.81S	107	21.85E	0	25S	107	25E	621170	25097	189	29	77	22	ND		ND		ND		2.799

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84869-65

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	5	45	34.386	2240	1	0.98S	107	20.33E	0	34S	107	23E	621438	25097	189	29	77	20	ND		ND		ND		2.805
137	5	45	36.625	2240	1	10.15S	107	18.81E	0	43S	107	22E	621709	25096	189	29	77	19	ND		ND		ND		2.805
138	5	46	26.766	50140	4	35.36S	106	44.72E	4	.8S	106	48E	628172	25081	189	29	76	12	ND		ND		ND		0.125
139	5	46	29.950	3185	4	48.39S	106	42.55E	4	21S	106	45E	628609	25080	189	29	76	6	ND		ND		ND		1.973
140	5	46	32.525	2575	4	58.92S	106	40.80E	4	31S	106	44E	628964	25079	189	29	76	2	ND		ND		ND		2.440
141	5	46	34.936	2410	5	8.78S	106	39.16E	4	41S	106	42E	629299	25078	189	29	75	57	ND		ND		ND		2.607
142	5	46	37.271	2335	5	18.33S	106	37.56E	4	51S	106	40E	629625	25078	189	29	75	53	ND		ND		ND		2.691
143	5	46	39.575	2305	5	27.76S	106	35.99E	5	0S	106	39E	629948	25077	189	29	75	48	ND		ND		ND		2.726
144	5	46	41.860	2285	5	37.10S	106	34.43E	5	9S	106	37E	630270	25076	189	29	75	44	ND		ND		ND		2.750
145	5	46	44.142	2281	5	46.44S	106	32.87E	5	19S	106	36E	630593	25075	189	29	75	39	ND		ND		ND		2.755
146	5	46	46.421	2279	5	55.76S	106	31.32E	5	28S	106	34E	630917	25075	189	30	75	34	ND		ND		ND		2.757
147	5	46	48.690	2270	6	5.04S	106	29.77E	5	37S	106	33E	631241	25074	189	30	75	29	ND		ND		ND		2.768
148	5	46	50.960	2270	6	14.32S	106	28.22E	5	47S	106	31E	631568	25073	189	30	75	25	ND		ND		ND		2.768
149	5	46	53.231	2271	6	23.61S	106	26.67E	5	56S	106	30E	631896	25072	189	30	75	20	ND		ND		ND		2.767
150	5	46	55.501	2270	6	32.89S	106	25.11E	6	5S	106	28E	632225	25072	189	30	75	15	ND		ND		ND		2.768
151	5	46	57.771	2270	6	42.18S	106	23.56E	6	14S	106	27E	632556	25071	189	30	75	10	ND		ND		ND		2.768
152	5	47	0.040	2269	6	51.45S	106	22.01E	6	24S	106	25E	632888	25070	189	30	75	5	ND		ND		ND		2.769
153	5	47	2.315	2275	7	0.75S	106	20.45E	6	33S	106	23E	633223	25069	189	30	74	59	ND		ND		ND		2.762
154	5	47	4.585	2270	7	10.03S	106	18.90E	6	42S	106	22E	633559	25068	189	30	74	54	ND		ND		ND		2.768
155	5	47	6.855	2270	7	19.32S	106	17.34E	6	52S	106	20E	633895	25068	189	30	74	49	ND		ND		ND		2.768
156	5	47	9.131	2275	7	28.62S	106	15.78E	7	1S	106	19E	634235	25067	189	30	74	44	ND		ND		ND		2.762
157	5	47	11.400	2270	7	37.90S	106	14.23E	7	10S	106	17E	634575	25066	189	30	74	38	ND		ND		ND		2.768
158	5	47	13.672	2271	7	47.18S	106	12.67E	7	19S	106	16E	634916	25065	189	30	74	33	ND		ND		ND		2.767
159	5	47	15.945	2274	7	56.48S	106	11.11E	7	29S	106	14E	635260	25064	189	30	74	27	ND		ND		ND		2.763
160	5	47	18.216	2270	8	5.76S	106	9.55E	7	38S	106	13E	635604	25064	189	30	74	22	ND		ND		ND		2.768

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	6	58	10.641	0	65	25.55N	102	31.63E	65	53N	102	49E	643948	25039	195	55	24	41	ND		ND		ND		1.924
2	6	58	13.906	3266	65	12.65N	102	22.86E	65	40N	102	40E	643548	25040	195	49	24	54	ND		ND		ND		1.924
3	6	58	16.525	2619	65	2.30N	102	15.92E	65	30N	102	32E	643229	25041	195	44	25	4	ND		ND		ND		2.399
4	6	58	18.995	2470	64	52.53N	102	9.44E	65	20N	102	26E	642928	25041	195	39	25	14	ND		ND		ND		2.544
5	6	58	21.396	2400	64	43.03N	102	3.22E	65	11N	102	19E	642636	25042	195	34	25	24	ND		ND		ND		2.618
6	6	58	23.761	2365	64	33.67N	101	57.15E	65	1N	102	13E	642348	25043	195	30	25	33	ND		ND		ND		2.657
7	6	58	26.105	2345	64	24.39N	101	51.20E	64	52N	102	7E	642064	25043	195	26	25	42	ND		ND		ND		2.679
8	6	58	28.437	2331	64	15.16N	101	45.33E	64	43N	102	1E	641782	25044	195	22	25	52	ND		ND		ND		2.695
9	6	58	30.766	2329	64	5.93N	101	39.54E	64	33N	101	55E	641501	25045	195	17	26	1	ND		ND		ND		2.698
10	6	58	33.085	2320	63	56.73N	101	33.82E	64	24N	101	49E	641221	25045	195	13	26	10	ND		ND		ND		2.708
11	6	58	35.400	2315	63	47.55N	101	28.17E	64	15N	101	43E	640942	25046	195	9	26	19	ND		ND		ND		2.714
12	6	58	37.716	2315	63	38.37N	101	22.57E	64	6N	101	37E	640663	25047	195	5	26	28	ND		ND		ND		2.714
13	6	58	40.025	2310	63	29.20N	101	17.04E	63	57N	101	32E	640386	25047	195	1	26	37	ND		ND		ND		2.720
14	6	58	42.335	2310	63	20.03N	101	11.57E	63	48N	101	26E	640109	25048	194	57	26	47	ND		ND		ND		2.720
15	6	58	44.641	2305	63	10.88N	101	6.15E	63	38N	101	21E	639833	25049	194	54	26	56	ND		ND		ND		2.726
16	6	58	46.940	2300	63	1.74N	101	0.80E	63	29N	101	15E	639558	25049	194	50	27	5	ND		ND		ND		2.732
17	6	58	49.245	2305	62	52.58N	100	55.48E	63	20N	101	10E	639284	25050	194	46	27	14	ND		ND		ND		2.726
18	6	58	51.551	2305	62	43.42N	100	50.22E	63	11N	101	4E	639010	25051	194	43	27	23	ND		ND		ND		2.726
19	6	58	53.846	2295	62	34.29N	100	45.02E	63	2N	100	59E	638737	25051	194	39	27	32	ND		ND		ND		2.738
20	6	58	56.141	2295	62	25.17N	100	39.87E	62	53N	100	54E	638465	25052	194	35	27	41	ND		ND		ND		2.738
21	6	58	58.436	2295	62	16.03N	100	34.77E	62	44N	100	48E	638193	25053	194	32	27	50	ND		ND		ND		2.738
22	6	59	0.730	2295	62	6.90N	100	29.71E	62	34N	100	43E	637921	25053	194	28	28	0	ND		ND		ND		2.738
23	6	59	3.016	2285	61	57.80N	100	24.72E	62	25N	100	38E	637652	25054	194	25	28	9	ND		ND		ND		2.750
24	6	59	5.306	2290	61	48.68N	100	19.77E	62	16N	100	33E	637383	25055	194	22	28	18	ND		ND		ND		2.744
25	6	59	7.596	2290	61	39.56N	100	14.85E	62	7N	100	28E	637114	25055	194	18	28	27	ND		ND		ND		2.744
26	6	59	9.881	2285	61	30.45N	100	9.99E	61	58N	100	23E	636846	25056	194	15	28	36	ND		ND		ND		2.750
27	6	59	12.165	2285	61	21.35N	100	5.17E	61	49N	100	18E	636579	25056	194	12	28	45	ND		ND		ND		2.750
28	6	59	14.445	2280	61	12.26N	100	0.40E	61	40N	100	13E	636312	25057	194	9	28	54	ND		ND		ND		2.756
29	6	59	16.730	2285	61	3.14N	99	55.66E	61	31N	100	8E	636046	25058	194	6	29	3	ND		ND		ND		2.750
30	6	59	19.011	2280	60	54.05N	99	50.97E	61	21N	100	3E	635781	25058	194	2	29	12	ND		ND		ND		2.756
31	6	59	21.285	2275	60	44.97N	99	46.33E	61	12N	99	59E	635517	25059	193	59	29	21	ND		ND		ND		2.762
32	6	59	23.565	2280	60	35.87N	99	41.72E	61	3N	99	54E	635253	25060	193	56	29	30	ND		ND		ND		2.756
33	6	59	25.841	2275	60	26.79N	99	37.15E	60	54N	99	49E	634990	25060	193	53	29	39	ND		ND		ND		2.762
34	6	59	28.111	2271	60	17.72N	99	32.63E	60	45N	99	44E	634728	25061	193	50	29	48	ND		ND		ND		2.767
35	6	59	30.386	2274	60	8.63N	99	28.14E	60	36N	99	40E	634467	25061	193	47	29	57	ND		ND		ND		2.763
36	6	59	32.660	2275	59	59.55N	99	23.69E	60	27N	99	35E	634205	25062	193	45	30	6	ND		ND		ND		2.762
37	6	59	34.931	2270	59	50.47N	99	19.27E	60	18N	99	31E	633945	25063	193	42	30	15	ND		ND		ND		2.768
38	6	59	37.200	2270	59	41.40N	99	14.90E	60	9N	99	26E	633686	25063	193	39	30	24	ND		ND		ND		2.768
39	6	59	39.471	2270	59	32.32N	99	10.55E	60	0N	99	22E	633427	25064	193	36	30	33	ND		ND		ND		2.768
40	6	59	41.736	2266	59	23.26N	99	6.25E	59	51N	99	17E	633168	25064	193	33	30	42	ND		ND		ND		2.773
41	6	59	44.006	2269	59	14.18N	99	1.98E	59	42N	99	13E	632911	25065	193	31	30	51	ND		ND		ND		2.769
42	6	59	46.271	2265	59	5.12N	98	57.75E	59	32N	99	9E	632654	25066	193	28	31	0	ND		ND		ND		2.774
43	6	59	48.535	2265	58	56.05N	98	53.54E	59	23N	99	4E	632398	25066	193	25	31	9	ND		ND		ND		2.774
44	6	59	50.796	2260	58	47.00N	98	49.38E	59	14N	99	0E	632144	25067	193	23	31	18	ND		ND		ND		2.780
45	6	59	53.061	2265	58	37.93N	98	45.24E	59	5N	98	56E	631889	25068	193	20	31	27	ND		ND		ND		2.774

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA LAT DEG	MIN	NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	6	59	55.320	2260	58	28.88N	98	41.14E	58	56N	98	52E	631634	25068	193	18	31	36	ND		ND		ND		2.780
47	6	59	57.576	2256	58	19.85N	98	37.08E	58	47N	98	48E	631383	25069	193	15	31	45	ND		ND		ND		2.785
48	6	59	59.835	2259	58	10.80N	98	33.04E	58	38N	98	43E	631130	25069	193	13	31	54	ND		ND		ND		2.781
49	7	0	2.096	2260	58	1.74N	98	29.03E	58	29N	98	39E	630878	25070	193	10	32	3	ND		ND		ND		2.780
50	7	0	4.347	2251	57	52.71N	98	25.06E	58	20N	98	35E	630628	25071	193	8	32	12	ND		ND		ND		2.791
51	7	0	6.601	2254	57	43.68N	98	21.12E	58	11N	98	31E	630378	25071	193	6	32	21	ND		ND		ND		2.788
52	7	0	8.855	2255	57	34.63N	98	17.20E	58	2N	98	27E	630129	25072	193	3	32	30	ND		ND		ND		2.786
53	7	0	11.110	2255	57	25.59N	98	13.32E	57	53N	98	23E	629880	25072	193	1	32	38	ND		ND		ND		2.786
54	7	0	13.360	2250	57	16.56N	98	9.46E	57	44N	98	19E	629633	25073	192	59	32	47	ND		ND		ND		2.793
55	7	0	15.610	2250	57	7.54N	98	5.63E	57	35N	98	15E	629386	25073	192	56	32	56	ND		ND		ND		2.793
56	7	0	17.860	2250	56	58.50N	98	1.83E	57	26N	98	12E	629140	25074	192	54	33	5	ND		ND		ND		2.793
57	7	0	20.110	2250	56	49.47N	97	58.06E	57	17N	98	8E	628894	25075	192	52	33	14	ND		ND		ND		2.793
58	7	0	22.360	2250	56	40.44N	97	54.31E	57	8N	98	4E	628650	25075	192	50	33	23	ND		ND		ND		2.793
59	7	0	24.606	2246	56	31.42N	97	50.59E	56	59N	98	0E	628406	25076	192	47	33	32	ND		ND		ND		2.798
60	7	0	26.855	2249	56	22.39N	97	46.89E	56	50N	97	56E	628163	25076	192	45	33	41	ND		ND		ND		2.794
61	7	0	29.101	2245	56	13.37N	97	43.23E	56	41N	97	53E	627920	25077	192	43	33	50	ND		ND		ND		2.799
62	7	0	31.346	2245	56	4.35N	97	39.58E	56	32N	97	49E	627678	25078	192	41	33	58	ND		ND		ND		2.799
63	7	0	33.591	2245	55	55.32N	97	35.96E	56	23N	97	45E	627437	25078	192	39	34	7	ND		ND		ND		2.799
64	7	0	35.835	2245	55	46.30N	97	32.37E	56	14N	97	41E	627197	25079	192	37	34	16	ND		ND		ND		2.799
65	7	0	38.080	2245	55	37.28N	97	28.80E	56	4N	97	38E	626958	25079	192	35	34	25	ND		ND		ND		2.799
66	7	0	40.320	2240	55	28.27N	97	25.26E	55	55N	97	34E	626719	25080	192	33	34	34	ND		ND		ND		2.805
67	7	0	42.565	2245	55	19.24N	97	21.73E	55	46N	97	31E	626481	25080	192	31	34	43	ND		ND		ND		2.799
68	7	0	44.806	2240	55	10.23N	97	18.23E	55	37N	97	27E	626244	25081	192	29	34	52	ND		ND		ND		2.805
69	7	0	47.051	2245	55	1.20N	97	14.75E	55	28N	97	23E	626007	25082	192	27	35	1	ND		ND		ND		2.799
70	7	0	49.290	2240	54	52.19N	97	11.30E	55	19N	97	20E	625772	25082	192	25	35	9	ND		ND		ND		2.805
71	7	0	51.526	2236	54	43.19N	97	7.87E	55	10N	97	16E	625538	25083	192	23	35	18	ND		ND		ND		2.810
72	7	0	53.766	2239	54	34.17N	97	4.46E	55	1N	97	13E	625304	25083	192	21	35	27	ND		ND		ND		2.806
73	7	0	56.006	2240	54	25.15N	97	1.07E	54	52N	97	10E	625070	25084	192	20	35	36	ND		ND		ND		2.805
74	7	0	58.245	2240	54	16.14N	96	57.71E	54	43N	97	6E	624838	25084	192	18	35	45	ND		ND		ND		2.805
75	7	1	0.481	2236	54	7.13N	96	54.36E	54	34N	97	3E	624606	25085	192	16	35	54	ND		ND		ND		2.810
76	7	1	2.721	2239	53	58.11N	96	51.03E	54	25N	96	59E	624375	25085	192	14	36	3	ND		ND		ND		2.806
77	7	1	4.960	2240	53	49.09N	96	47.73E	54	16N	96	56E	624145	25086	192	12	36	11	ND		ND		ND		2.805
78	7	1	7.195	2235	53	40.09N	96	44.44E	54	7N	96	53E	623916	25086	192	11	36	20	ND		ND		ND		2.811
79	7	1	9.431	2235	53	31.08N	96	41.18E	53	58N	96	49E	623687	25087	192	9	36	29	ND		ND		ND		2.811
80	7	1	11.665	2235	53	22.07N	96	37.94E	53	49N	96	46E	623460	25088	192	7	36	38	ND		ND		ND		2.811
81	7	1	13.900	2235	53	13.06N	96	34.71E	53	40N	96	43E	623233	25088	192	6	36	47	ND		ND		ND		2.811
82	7	1	16.136	2235	53	4.05N	96	31.50E	53	31N	96	39E	623007	25089	192	4	36	55	ND		ND		ND		2.811
83	7	1	18.370	2235	52	55.04N	96	28.32E	53	22N	96	36E	622781	25089	192	2	37	4	ND		ND		ND		2.811
84	7	1	20.605	2235	52	46.03N	96	25.15E	53	13N	96	33E	622557	25090	192	1	37	13	ND		ND		ND		2.811
85	7	1	22.841	2235	52	37.01N	96	21.99E	53	4N	96	30E	622333	25090	191	59	37	22	ND		ND		ND		2.811
86	7	1	25.075	2235	52	28.00N	96	18.86E	52	55N	96	27E	622111	25091	191	57	37	31	ND		ND		ND		2.811
87	7	1	27.306	2230	52	19.00N	96	15.75E	52	46N	96	23E	621889	25091	191	56	37	40	ND		ND		ND		2.818
88	7	1	29.535	2230	52	10.00N	96	12.66E	52	37N	96	20E	621668	25092	191	54	37	48	ND		ND		ND		2.818
89	7	1	31.771	2235	52	0.98N	96	9.57E	52	28N	96	17E	621447	25092	191	53	37	57	ND		ND		ND		2.811
90	7	1	34.006	2235	51	51.96N	96	6.50E	52	19N	96	14E	621227	25093	191	51	38	6	ND		ND		ND		2.811

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
91	7	1	36.235	2230	51	42.96N	96	3.46E	52	10N	96	11E	621009	25093	191 50	38 15	ND	ND	ND	2.818
92	7	1	38.466	2230	51	33.96N	96	0.44E	52	1N	96	8E	620792	25094	191 48	38 24	ND	ND	ND	2.818
93	7	1	40.700	2235	51	24.93N	95	57.42E	51	52N	96	5E	620575	25094	191 47	38 32	ND	ND	ND	2.811
94	7	1	42.931	2230	51	15.93N	95	54.42E	51	43N	96	2E	620358	25095	191 45	38 41	ND	ND	ND	2.818
95	7	1	45.165	2235	51	6.90N	95	51.44E	51	34N	95	59E	620143	25096	191 44	38 50	ND	ND	ND	2.811
96	7	1	47.407	2242	50	57.84N	95	48.46E	51	25N	95	56E	619927	25096	191 42	38 59	ND	ND	ND	2.802
97	7	3	46.311	18903	42	56.03N	93	28.98E	43	23N	93	34E	609828	25120	190 44	46 45	ND	ND	ND	0.053
98	7	3	49.436	3125	42	43.33N	93	25.72E	43	10N	93	31E	609601	25121	190 42	46 57	ND	ND	ND	2.011
99	7	3	51.936	2500	42	33.17N	93	23.12E	43	0N	93	28E	609422	25121	190 41	47 7	ND	ND	ND	2.513
100	7	3	54.275	2340	42	23.66N	93	20.69E	42	50N	93	26E	609254	25122	190 41	47 16	ND	ND	ND	2.685
101	7	3	56.556	2280	42	14.39N	93	18.34E	42	41N	93	23E	609092	25122	190 40	47 25	ND	ND	ND	2.756
102	7	3	58.811	2255	42	5.22N	93	16.02E	42	32N	93	21E	608933	25122	190 39	47 34	ND	ND	ND	2.786
103	7	4	1.052	2241	41	56.11N	93	13.72E	42	23N	93	19E	608777	25123	190 38	47 43	ND	ND	ND	2.804
104	7	4	3.290	2239	41	47.01N	93	11.44E	42	14N	93	16E	608621	25123	190 37	47 51	ND	ND	ND	2.806
105	7	4	5.525	2235	41	37.93N	93	9.17E	42	5N	93	14E	608467	25124	190 37	48 0	ND	ND	ND	2.811
106	7	4	7.756	2230	41	28.86N	93	6.91E	41	55N	93	12E	608314	25124	190 36	48 9	ND	ND	ND	2.818
107	7	4	9.985	2230	41	19.79N	93	4.65E	41	46N	93	10E	608163	25124	190 35	48 17	ND	ND	ND	2.818
108	7	4	12.216	2230	41	10.72N	93	2.41E	41	37N	93	7E	608013	25125	190 34	48 26	ND	ND	ND	2.818
109	7	4	14.441	2226	41	1.67N	93	0.18E	41	28N	93	5E	607864	25125	190 34	48 35	ND	ND	ND	2.823
110	7	4	16.671	2229	40	52.60N	92	57.95E	41	19N	93	3E	607716	25125	190 33	48 43	ND	ND	ND	2.819
111	7	4	18.900	2230	40	43.53N	92	55.73E	41	10N	93	1E	607569	25126	190 32	48 52	ND	ND	ND	2.818
112	7	4	21.121	2221	40	34.49N	92	53.52E	41	1N	92	58E	607423	25126	190 32	49 1	ND	ND	ND	2.829
113	7	4	23.351	2229	40	25.42N	92	51.31E	40	52N	92	56E	607279	25126	190 31	49 9	ND	ND	ND	2.819
114	7	4	25.570	2220	40	16.39N	92	49.13E	40	43N	92	54E	607136	25127	190 30	49 18	ND	ND	ND	2.830
115	7	4	27.796	2225	40	7.34N	92	46.94E	40	34N	92	52E	606994	25127	190 29	49 27	ND	ND	ND	2.824
116	7	4	30.021	2225	39	58.28N	92	44.76E	40	25N	92	50E	606854	25128	190 29	49 35	ND	ND	ND	2.824
117	7	4	32.241	2221	39	49.24N	92	42.59E	40	16N	92	47E	606714	25128	190 28	49 44	ND	ND	ND	2.829
118	7	4	34.466	2224	39	40.19N	92	40.42E	40	7N	92	45E	606575	25128	190 27	49 52	ND	ND	ND	2.825
119	7	4	36.686	2220	39	31.16N	92	38.27E	39	58N	92	43E	606438	25129	190 27	50 1	ND	ND	ND	2.830

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500014005-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	8	22	31.609	0	82	5.77N	117	9.05E	82	25N	119	53E	678529	24958	229	32	6	27	ND		ND		ND		1.813
2	8	22	35.074	3465	81	56.46N	115	52.18E	82	17N	118	30E	678079	24959	228	18	6	40	ND		ND		ND		1.813
3	8	22	37.895	2820	81	48.72N	114	51.74E	82	9N	117	25E	677712	24960	227	19	6	52	ND		ND		ND		2.228
4	8	22	40.544	2650	81	41.31N	113	56.66E	82	2N	116	25E	677368	24961	226	26	7	2	ND		ND		ND		2.371
5	8	22	43.124	2580	81	33.99N	113	4.55E	81	55N	115	29E	677033	24962	225	36	7	12	ND		ND		ND		2.435
6	8	22	45.680	2555	81	26.63N	112	14.37E	81	48N	114	34E	676701	24962	224	48	7	23	ND		ND		ND		2.459
7	8	22	48.209	2530	81	19.24N	111	26.09E	81	41N	113	42E	676372	24963	224	1	7	33	ND		ND		ND		2.483
8	8	22	50.729	2520	81	11.78N	110	39.30E	81	34N	112	51E	676044	24964	223	16	7	43	ND		ND		ND		2.493
9	8	22	53.239	2510	81	4.27N	109	53.99E	81	26N	112	2E	675718	24965	222	33	7	52	ND		ND		ND		2.503
10	8	22	55.749	2510	80	56.66N	109	9.90E	81	19N	111	15E	675392	24965	221	50	8	2	ND		ND		ND		2.503
11	8	22	58.255	2505	80	48.99N	108	27.08E	81	12N	110	28E	675065	24966	221	9	8	12	ND		ND		ND		2.508
12	8	23	0.755	2500	80	41.25N	107	45.50E	81	4N	109	43E	674741	24967	220	29	8	22	ND		ND		ND		2.513
13	8	23	3.255	2500	80	33.44N	107	5.04E	80	56N	109	0E	674415	24968	219	51	8	32	ND		ND		ND		2.513
14	8	23	5.749	2495	80	25.58N	106	25.75E	80	49N	108	17E	674091	24968	219	13	8	42	ND		ND		ND		2.518
15	8	23	8.239	2490	80	17.65N	105	47.55E	80	41N	107	36E	673767	24969	218	37	8	52	ND		ND		ND		2.523
16	8	23	10.725	2485	80	9.68N	105	10.43E	80	33N	106	56E	673443	24970	218	1	9	2	ND		ND		ND		2.528
17	8	23	13.210	2486	80	1.64N	104	34.28E	80	25N	106	17E	673120	24971	217	27	9	12	ND		ND		ND		2.527
18	8	23	15.699	2489	79	53.53N	103	59.00E	80	17N	105	39E	672797	24971	216	54	9	22	ND		ND		ND		2.524
19	8	23	18.180	2480	79	45.39N	103	24.75E	80	9N	105	2E	672474	24972	216	21	9	31	ND		ND		ND		2.534
20	8	23	20.654	2475	79	37.21N	102	51.45E	80	1N	104	26E	672152	24973	215	50	9	41	ND		ND		ND		2.539
21	8	23	23.131	2476	79	28.97N	102	18.97E	79	53N	103	51E	671830	24974	215	19	9	51	ND		ND		ND		2.538
22	8	23	25.609	2479	79	20.67N	101	47.27E	79	45N	103	17E	671507	24974	214	49	10	1	ND		ND		ND		2.535
23	8	23	28.079	2470	79	12.35N	101	16.48E	79	37N	102	44E	671187	24975	214	20	10	11	ND		ND		ND		2.544
24	8	23	30.550	2470	79	3.98N	100	46.42E	79	29N	102	12E	670865	24976	213	52	10	20	ND		ND		ND		2.544
25	8	23	33.015	2465	78	55.58N	100	17.17E	79	20N	101	40E	670545	24977	213	24	10	30	ND		ND		ND		2.549
26	8	23	35.484	2470	78	47.13N	99	48.57E	79	12N	101	10E	670223	24977	212	57	10	40	ND		ND		ND		2.544
27	8	23	37.944	2460	78	38.66N	99	20.77E	79	4N	100	40E	669904	24978	212	31	10	50	ND		ND		ND		2.554
28	8	23	40.404	2460	78	30.15N	98	53.62E	78	55N	100	11E	669584	24979	212	6	11	0	ND		ND		ND		2.554
29	8	23	42.864	2460	78	21.61N	98	27.12E	78	47N	99	42E	669264	24980	211	41	11	9	ND		ND		ND		2.554
30	8	23	45.324	2460	78	13.02N	98	1.23E	78	38N	99	15E	668944	24980	211	17	11	19	ND		ND		ND		2.554
31	8	29	23.124	37800	56	23.89N	75	33.19E	56	51N	75	43E	627699	25077	192	46	33	39	ND		ND		ND		0.019
32	8	29	26.256	3131	56	11.30N	75	28.08E	56	39N	75	37E	627364	25078	192	43	33	52	ND		ND		ND		2.007
33	8	29	28.794	2539	56	1.11N	75	23.97E	56	28N	75	33E	627093	25079	192	40	34	2	ND		ND		ND		2.475
34	8	29	31.189	2395	55	51.48N	75	20.11E	56	19N	75	29E	626838	25079	192	38	34	11	ND		ND		ND		2.623
35	8	29	33.515	2325	55	42.13N	75	16.40E	56	9N	75	25E	626592	25080	192	36	34	20	ND		ND		ND		2.702
36	8	29	35.805	2290	55	32.92N	75	12.77E	56	0N	75	22E	626350	25080	192	34	34	29	ND		ND		ND		2.744
37	8	29	38.079	2275	55	23.78N	75	9.18E	55	51N	75	18E	626111	25081	192	32	34	38	ND		ND		ND		2.762
38	8	29	40.345	2265	55	14.66N	75	5.64E	55	42N	75	14E	625873	25082	192	30	34	47	ND		ND		ND		2.774
39	8	29	42.604	2260	55	5.57N	75	2.12E	55	33N	75	11E	625636	25082	192	28	34	56	ND		ND		ND		2.780
40	8	29	44.859	2255	54	56.50N	74	58.63E	55	24N	75	7E	625401	25083	192	26	35	5	ND		ND		ND		2.786
41	8	29	47.114	2255	54	47.43N	74	55.17E	55	15N	75	4E	625167	25083	192	24	35	14	ND		ND		ND		2.786
42	8	29	49.364	2250	54	38.37N	74	51.73E	55	6N	75	0E	624933	25084	192	22	35	23	ND		ND		ND		2.793
43	8	29	51.614	2250	54	29.31N	74	48.32E	54	56N	74	57E	624701	25084	192	20	35	32	ND		ND		ND		2.793
44	8	29	53.859	2245	54	20.27N	74	44.93E	54	47N	74	53E	624469	25085	192	19	35	41	ND		ND		ND		2.799
45	8	29	56.105	2246	54	11.23N	74	41.57E	54	38N	74	50E	624239	25085	192	17	35	50	ND		ND		ND		2.798

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	8	29	58.351	2245	54	2.19N	74	38.22E	54	29N	74	47E	624008	25086	192	15	35	59	ND		ND		ND		2.799
47	8	30	0.595	2244	53	53.15N	74	34.90E	54	20N	74	43E	623779	25087	192	13	36	7	ND		ND		ND		2.800
48	8	30	2.840	2245	53	44.10N	74	31.59E	54	11N	74	40E	623551	25087	192	11	36	16	ND		ND		ND		2.799
49	8	30	5.079	2240	53	35.08N	74	28.31E	54	2N	74	36E	623324	25088	192	10	36	25	ND		ND		ND		2.805
50	8	30	7.324	2245	53	26.03N	74	25.04E	53	53N	74	33E	623097	25088	192	8	36	34	ND		ND		ND		2.799
51	8	30	9.564	2240	53	17.00N	74	21.80E	53	44N	74	30E	622871	25089	192	6	36	43	ND		ND		ND		2.805
52	8	30	11.805	2240	53	7.97N	74	18.58E	53	35N	74	27E	622646	25089	192	5	36	52	ND		ND		ND		2.805
53	8	30	14.039	2235	52	58.96N	74	15.39E	53	26N	74	23E	622424	25090	192	3	37	0	ND		ND		ND		2.811
54	8	30	16.279	2240	52	49.93N	74	12.20E	53	17N	74	20E	622200	25090	192	1	37	9	ND		ND		ND		2.805
55	8	30	18.515	2235	52	40.91N	74	9.04E	53	8N	74	17E	621978	25091	192	0	37	18	ND		ND		ND		2.811
56	8	30	20.749	2235	52	31.90N	74	5.90E	52	59N	74	14E	621757	25091	191	58	37	27	ND		ND		ND		2.811
57	8	30	22.984	2235	52	22.88N	74	2.77E	52	50N	74	10E	621537	25092	191	56	37	36	ND		ND		ND		2.811
58	8	30	25.225	2240	52	13.84N	73	59.66E	52	41N	74	7E	621316	25092	191	55	37	45	ND		ND		ND		2.805
59	8	30	27.459	2235	52	4.82N	73	56.57E	52	32N	74	4E	621098	25093	191	53	37	53	ND		ND		ND		2.811
60	8	30	29.694	2235	51	55.80N	73	53.49E	52	23N	74	1E	620880	25093	191	52	38	2	ND		ND		ND		2.811
61	8	30	31.925	2230	51	46.80N	73	50.44E	52	14N	73	58E	620663	25094	191	50	38	11	ND		ND		ND		2.818
62	8	30	34.159	2235	51	37.78N	73	47.40E	52	5N	73	55E	620447	25095	191	49	38	20	ND		ND		ND		2.811
63	8	30	36.395	2235	51	28.75N	73	44.38E	51	56N	73	52E	620231	25095	191	47	38	29	ND		ND		ND		2.811
64	8	30	38.625	2231	51	19.74N	73	41.38E	51	47N	73	49E	620017	25096	191	46	38	37	ND		ND		ND		2.816
65	8	30	40.859	2234	51	10.72N	73	38.38E	51	38N	73	46E	619803	25096	191	44	38	46	ND		ND		ND		2.813
66	8	30	43.090	2230	51	1.71N	73	35.41E	51	29N	73	43E	619590	25097	191	43	38	55	ND		ND		ND		2.818
67	8	30	45.319	2230	50	52.70N	73	32.46E	51	20N	73	40E	619379	25097	191	41	39	4	ND		ND		ND		2.818
68	8	30	47.551	2231	50	43.69N	73	29.52E	51	11N	73	37E	619167	25098	191	40	39	13	ND		ND		ND		2.816
69	8	30	49.780	2230	50	34.68N	73	26.60E	51	2N	73	34E	618958	25098	191	39	39	21	ND		ND		ND		2.818
70	8	30	52.015	2234	50	25.65N	73	23.68E	50	53N	73	31E	618748	25099	191	37	39	30	ND		ND		ND		2.813
71	8	30	54.240	2226	50	16.65N	73	20.79E	50	44N	73	28E	618540	25099	191	36	39	39	ND		ND		ND		2.823
72	8	30	56.471	2230	50	7.63N	73	17.91E	50	35N	73	25E	618332	25100	191	35	39	48	ND		ND		ND		2.818
73	8	30	58.700	2230	49	58.62N	73	15.05E	50	26N	73	22E	618126	25100	191	33	39	57	ND		ND		ND		2.818
74	8	31	0.930	2229	49	49.61N	73	12.20E	50	17N	73	19E	617920	25101	191	32	40	5	ND		ND		ND		2.819
75	8	31	3.159	2230	49	40.59N	73	9.36E	50	8N	73	16E	617715	25101	191	31	40	14	ND		ND		ND		2.818
76	8	31	5.385	2225	49	31.59N	73	6.54E	49	58N	73	13E	617512	25102	191	29	40	23	ND		ND		ND		2.824
77	8	31	7.614	2230	49	22.57N	73	3.74E	49	49N	73	10E	617308	25102	191	28	40	32	ND		ND		ND		2.818
78	8	31	9.845	2230	49	13.55N	73	0.94E	49	40N	73	8E	617106	25103	191	27	40	40	ND		ND		ND		2.818
79	8	31	12.069	2225	49	4.55N	72	58.17E	49	31N	73	5E	616904	25103	191	25	40	49	ND		ND		ND		2.824
80	8	31	14.295	2226	48	55.54N	72	55.40E	49	22N	73	2E	616705	25103	191	24	40	58	ND		ND		ND		2.823
81	8	31	16.524	2229	48	46.52N	72	52.65E	49	13N	72	59E	616506	25104	191	23	41	7	ND		ND		ND		2.819
82	8	31	18.749	2225	48	37.51N	72	49.91E	49	4N	72	56E	616307	25104	191	22	41	15	ND		ND		ND		2.824
83	8	31	20.975	2225	48	28.50N	72	47.19E	48	55N	72	54E	616110	25105	191	21	41	24	ND		ND		ND		2.824
84	8	31	23.199	2225	48	19.50N	72	44.48E	48	46N	72	51E	615914	25105	191	19	41	33	ND		ND		ND		2.824
85	8	31	25.425	2225	48	10.49N	72	41.78E	48	37N	72	48E	615718	25106	191	18	41	42	ND		ND		ND		2.824
86	8	31	27.649	2225	48	1.48N	72	39.09E	48	28N	72	45E	615524	25106	191	17	41	50	ND		ND		ND		2.824
87	8	31	29.874	2225	47	52.47N	72	36.42E	48	19N	72	43E	615330	25107	191	16	41	59	ND		ND		ND		2.824
88	8	31	32.100	2225	47	43.46N	72	33.76E	48	10N	72	40E	615137	25107	191	15	42	8	ND		ND		ND		2.824
89	8	31	34.324	2225	47	34.44N	72	31.11E	48	1N	72	37E	614946	25108	191	14	42	17	ND		ND		ND		2.824
90	8	31	36.555	2230	47	25.41N	72	28.46E	47	52N	72	35E	614753	25108	191	12	42	25	ND		ND		ND		2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	8	31	38.775	2221	47 16.41N	72 25.84E	47 43N	72 32E	614565	25109	191 11	42 34	ND	ND	ND	2.829
92	8	31	40.999	2224	47 7.40N	72 23.23E	47 34N	72 29E	614376	25109	191 10	42 43	ND	ND	ND	2.825
93	8	31	43.220	2220	46 58.40N	72 20.63E	47 25N	72 27E	614187	25110	191 9	42 52	ND	ND	ND	2.830
94	8	31	45.444	2225	46 49.39N	72 18.04E	47 16N	72 24E	614000	25110	191 8	43 0	ND	ND	ND	2.824
95	8	31	47.664	2220	46 40.39N	72 15.47E	47 7N	72 21E	613815	25110	191 7	43 9	ND	ND	ND	2.830
96	8	31	49.890	2225	46 31.37N	72 12.90E	46 58N	72 19E	613630	25111	191 6	43 18	ND	ND	ND	2.824
97	8	31	52.110	2221	46 22.36N	72 10.35E	46 49N	72 16E	613446	25111	191 5	43 26	ND	ND	ND	2.829
98	8	31	54.334	2224	46 13.35N	72 7.80E	46 40N	72 14E	613262	25112	191 4	43 35	ND	ND	ND	2.825
99	8	31	56.556	2221	46 4.34N	72 5.27E	46 31N	72 11E	613081	25112	191 3	43 44	ND	ND	ND	2.829
100	8	31	58.774	2219	45 55.34N	72 2.75E	46 22N	72 9E	612900	25113	191 2	43 53	ND	ND	ND	2.832
101	8	32	0.995	2221	45 46.33N	72 0.24E	46 13N	72 6E	612721	25113	191 1	44 1	ND	ND	ND	2.829
102	8	32	3.220	2224	45 37.31N	71 57.74E	46 4N	72 3E	612541	25113	191 0	44 10	ND	ND	ND	2.825
103	8	32	5.439	2220	45 28.31N	71 55.25E	45 55N	72 1E	612363	25114	190 59	44 19	ND	ND	ND	2.830
104	8	32	7.659	2220	45 19.30N	71 52.77E	45 46N	71 58E	612186	25114	190 58	44 27	ND	ND	ND	2.830
105	8	32	9.880	2220	45 10.29N	71 50.30E	45 37N	71 56E	612011	25115	190 57	44 36	ND	ND	ND	2.830
106	8	32	12.100	2220	45 1.28N	71 47.84E	45 28N	71 53E	611836	25115	190 56	44 45	ND	ND	ND	2.830
107	8	32	14.319	2220	44 52.28N	71 45.40E	45 19N	71 51E	611662	25116	190 55	44 53	ND	ND	ND	2.830
108	8	32	16.539	2220	44 43.27N	71 42.96E	45 10N	71 49E	611489	25116	190 54	45 2	ND	ND	ND	2.830
109	8	32	18.760	2220	44 34.25N	71 40.53E	45 1N	71 46E	611317	25116	190 53	45 11	ND	ND	ND	2.830
110	8	32	20.980	2221	44 25.24N	71 38.11E	44 52N	71 44E	611146	25117	190 52	45 20	ND	ND	ND	2.829
111	8	32	23.204	2224	44 16.21N	71 35.69E	44 43N	71 41E	610976	25117	190 51	45 28	ND	ND	ND	2.825
112	8	32	25.419	2215	44 7.22N	71 33.30E	44 34N	71 39E	610807	25118	190 50	45 37	ND	ND	ND	2.837
113	8	32	27.640	2220	43 58.20N	71 30.91E	44 25N	71 36E	610640	25118	190 49	45 46	ND	ND	ND	2.830
114	8	32	29.859	2220	43 49.19N	71 28.53E	44 16N	71 34E	610474	25118	190 49	45 54	ND	ND	ND	2.830
115	8	32	32.079	2220	43 40.17N	71 26.15E	44 7N	71 32E	610308	25119	190 48	46 3	ND	ND	ND	2.830
116	8	32	34.295	2216	43 31.17N	71 23.79E	43 58N	71 29E	610144	25119	190 47	46 11	ND	ND	ND	2.835
117	8	32	36.520	2224	43 22.14N	71 21.43E	43 49N	71 27E	609980	25120	190 46	46 20	ND	ND	ND	2.825
118	8	32	38.739	2220	43 13.12N	71 19.09E	43 40N	71 24E	609818	25120	190 45	46 29	ND	ND	ND	2.830
119	8	32	40.954	2215	43 4.12N	71 16.76E	43 31N	71 22E	609657	25120	190 44	46 38	ND	ND	ND	2.837
120	8	32	43.175	2220	42 55.10N	71 14.43E	43 22N	71 20E	609496	25121	190 43	46 46	ND	ND	ND	2.830
121	8	32	45.391	2216	42 46.10N	71 12.11E	43 13N	71 17E	609337	25121	190 43	46 55	ND	ND	ND	2.835
122	8	32	47.609	2219	42 37.08N	71 9.80E	43 4N	71 15E	609179	25122	190 42	47 3	ND	ND	ND	2.832
123	8	32	49.829	2220	42 28.06N	71 7.50E	42 55N	71 13E	609022	25122	190 41	47 12	ND	ND	ND	2.830
124	8	32	52.044	2215	42 19.06N	71 5.21E	42 46N	71 10E	608867	25122	190 40	47 21	ND	ND	ND	2.837
125	8	32	54.261	2216	42 10.04N	71 2.93E	42 37N	71 8E	608712	25123	190 39	47 29	ND	ND	ND	2.835
126	8	32	56.479	2219	42 1.03N	71 0.65E	42 28N	71 6E	608558	25123	190 39	47 38	ND	ND	ND	2.832
127	8	32	58.699	2220	41 52.00N	70 58.38E	42 19N	71 3E	608406	25123	190 38	47 47	ND	ND	ND	2.830
128	8	33	0.914	2215	41 43.00N	70 56.12E	42 10N	71 1E	608254	25124	190 37	47 55	ND	ND	ND	2.837
129	8	33	3.135	2220	41 33.97N	70 53.87E	42 1N	70 59E	608104	25124	190 36	48 4	ND	ND	ND	2.830
130	8	33	5.350	2215	41 24.96N	70 51.62E	41 52N	70 57E	607955	25125	190 36	48 13	ND	ND	ND	2.837
131	8	33	7.569	2220	41 15.93N	70 49.38E	41 42N	70 54E	607807	25125	190 35	48 21	ND	ND	ND	2.830
132	8	33	9.784	2215	41 6.93N	70 47.16E	41 33N	70 52E	607659	25125	190 34	48 30	ND	ND	ND	2.837
133	8	33	11.999	2215	40 57.92N	70 44.94E	41 24N	70 50E	607514	25126	190 33	48 38	ND	ND	ND	2.837
134	8	33	14.220	2220	40 48.88N	70 42.72E	41 15N	70 48E	607369	25126	190 33	48 47	ND	ND	ND	2.830
135	8	33	16.435	2215	40 39.87N	70 40.52E	41 6N	70 45E	607225	25126	190 32	48 56	ND	ND	ND	2.837

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FRM	Z TIME	DTIM	CAMERA NADIR LAT	CAMERA NADIR LONG	FORMAT CENTER LAT	FORMAT CENTER LONG	ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR MI SEC	MILS	DEG MIN	DEG MIN	DEG MIN	DEG MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	8 33 18.654	2220	40 30.84N	70 38.32E	40 57N	70 43E	607084	25127	190 31	49 4	ND	ND	ND	2.830
137	8 33 20.869	2215	40 21.83N	70 36.13E	40 48N	70 41E	606942	25127	190 31	49 13	ND	ND	ND	2.837
138	8 33 23.084	2215	40 12.82N	70 33.95E	40 39N	70 39E	606802	25127	190 30	49 21	ND	ND	ND	2.837
139	8 33 25.300	2215	40 3.80N	70 31.77E	40 30N	70 37E	606663	25128	190 29	49 30	ND	ND	ND	2.837
140	8 33 27.520	2220	39 54.77N	70 29.60E	40 21N	70 34E	606525	25128	190 28	49 39	ND	ND	ND	2.830

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	10	4	43.055	0	30	27.65N	46	10.88E	30	54N	46	15E	600284	25143	189	57	58	30	ND		ND		ND		2.020
2	10	4	46.164	3110	30	14.95N	46	8.31E	30	41N	46	12E	600208	25144	189	56	58	42	ND		ND		ND		2.020
3	10	4	48.654	2490	30	4.77N	46	6.26E	30	31N	46	10E	600149	25144	189	56	58	51	ND		ND		ND		2.523
4	10	4	50.979	2325	29	55.27N	46	4.35E	30	22N	46	8E	600095	25144	189	55	59	0	ND		ND		ND		2.702
5	10	4	53.254	2275	29	45.98N	46	2.49E	30	12N	46	6E	600044	25144	189	55	59	9	ND		ND		ND		2.762
6	10	4	55.510	2255	29	36.76N	46	0.64E	30	3N	46	4E	599995	25144	189	55	59	17	ND		ND		ND		2.786
7	10	4	57.749	2240	29	27.61N	45	58.81E	29	54N	46	2E	599947	25144	189	54	59	25	ND		ND		ND		2.805
8	10	4	59.984	2235	29	18.47N	45	56.99E	29	45N	46	1E	599901	25144	189	54	59	34	ND		ND		ND		2.811
9	10	5	2.215	2230	29	9.36N	45	55.18E	29	36N	45	59E	599857	25144	189	54	59	42	ND		ND		ND		2.818
10	10	5	4.445	2231	29	0.24N	45	53.37E	29	27N	45	57E	599814	25145	189	53	59	50	ND		ND		ND		2.816
11	10	5	6.675	2229	28	51.13N	45	51.57E	29	17N	45	55E	599773	25145	189	53	59	59	ND		ND		ND		2.819
12	10	5	8.899	2225	28	42.03N	45	49.77E	29	8N	45	53E	599733	25145	189	53	60	7	ND		ND		ND		2.824
13	10	5	11.118	2219	28	32.96N	45	47.98E	28	59N	45	52E	599694	25145	189	52	60	15	ND		ND		ND		2.832
14	10	5	13.351	2232	28	23.84N	45	46.18E	28	50N	45	50E	599657	25145	189	52	60	23	ND		ND		ND		2.815
15	10	5	15.574	2224	28	14.75N	45	44.40E	28	41N	45	48E	599622	25145	189	52	60	32	ND		ND		ND		2.825
16	10	5	17.800	2225	28	5.65N	45	42.61E	28	32N	45	46E	599587	25145	189	51	60	40	ND		ND		ND		2.824
17	10	5	20.020	2220	27	56.58N	45	40.83E	28	23N	45	44E	599555	25145	189	51	60	48	ND		ND		ND		2.830
18	10	5	22.244	2225	27	47.48N	45	39.06E	28	14N	45	43E	599523	25145	189	51	60	56	ND		ND		ND		2.824
19	10	5	24.465	2220	27	38.40N	45	37.29E	28	5N	45	41E	599494	25145	189	50	61	5	ND		ND		ND		2.830
20	10	5	26.685	2220	27	29.32N	45	35.52E	27	56N	45	39E	599465	25145	189	50	61	13	ND		ND		ND		2.830
21	10	5	28.904	2220	27	20.25N	45	33.76E	27	46N	45	37E	599439	25146	189	50	61	21	ND		ND		ND		2.830
22	10	5	31.129	2225	27	11.15N	45	32.00E	27	37N	45	35E	599413	25146	189	50	61	29	ND		ND		ND		2.824
23	10	5	33.350	2220	27	2.07N	45	30.24E	27	28N	45	34E	599390	25146	189	49	61	37	ND		ND		ND		2.830
24	10	5	35.569	2220	26	52.99N	45	28.48E	27	19N	45	32E	599367	25146	189	49	61	45	ND		ND		ND		2.830
25	10	5	37.789	2220	26	43.91N	45	26.73E	27	10N	45	30E	599346	25146	189	49	61	54	ND		ND		ND		2.830
26	10	5	40.010	2220	26	34.83N	45	24.99E	27	1N	45	28E	599327	25146	189	48	62	2	ND		ND		ND		2.830
27	10	5	42.229	2220	26	25.75N	45	23.24E	26	52N	45	27E	599309	25146	189	48	62	10	ND		ND		ND		2.830
28	10	5	44.444	2215	26	16.70N	45	21.51E	26	43N	45	25E	599292	25146	189	48	62	18	ND		ND		ND		2.837
29	10	5	46.664	2220	26	7.62N	45	19.77E	26	34N	45	23E	599277	25146	189	48	62	26	ND		ND		ND		2.830
30	10	5	48.885	2220	25	58.53N	45	18.03E	26	25N	45	21E	599263	25146	189	47	62	34	ND		ND		ND		2.830
31	10	5	51.104	2220	25	49.45N	45	16.30E	26	16N	45	20E	599252	25146	189	47	62	42	ND		ND		ND		2.830
32	10	5	53.319	2215	25	40.39N	45	14.58E	26	7N	45	18E	599241	25146	189	47	62	50	ND		ND		ND		2.837
33	10	5	55.539	2220	25	31.31N	45	12.85E	25	58N	45	16E	599232	25146	189	46	62	58	ND		ND		ND		2.830
34	10	5	57.760	2220	25	22.23N	45	11.13E	25	48N	45	15E	599224	25146	189	46	63	6	ND		ND		ND		2.830
35	10	5	59.975	2215	25	13.17N	45	9.41E	25	39N	45	13E	599217	25146	189	46	63	14	ND		ND		ND		2.837
36	10	6	2.190	2216	25	4.10N	45	7.70E	25	30N	45	11E	599213	25146	189	46	63	22	ND		ND		ND		2.835
37	10	6	4.409	2219	24	55.02N	45	5.99E	25	21N	45	9E	599210	25146	189	45	63	30	ND		ND		ND		2.832
38	10	6	6.629	2220	24	45.94N	45	4.27E	25	12N	45	8E	599208	25146	189	45	63	38	ND		ND		ND		2.830
39	10	6	8.845	2215	24	36.87N	45	2.57E	25	3N	45	6E	599208	25146	189	45	63	46	ND		ND		ND		2.837
40	10	6	11.060	2215	24	27.81N	45	0.87E	24	54N	45	4E	599209	25146	189	45	63	54	ND		ND		ND		2.837
41	10	6	13.279	2220	24	18.73N	44	59.16E	24	45N	45	2E	599212	25146	189	44	64	2	ND		ND		ND		2.830
42	10	6	15.499	2220	24	9.64N	44	57.46E	24	36N	45	1E	599216	25146	189	44	64	10	ND		ND		ND		2.830
43	10	6	17.720	2220	24	0.56N	44	55.77E	24	27N	44	59E	599222	25146	189	44	64	18	ND		ND		ND		2.830
44	10	6	19.930	2210	23	51.51N	44	54.08E	24	18N	44	57E	599230	25146	189	44	64	26	ND		ND		ND		2.843
45	10	6	22.149	2220	23	42.43N	44	52.39E	24	9N	44	56E	599239	25146	189	44	64	34	ND		ND		ND		2.830

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
46	10	6	24.364	2215	23	33.36N	44	50.70E	24	0N	44	54E	599249	25146	189 43	64 42	ND	ND	ND	2.837
47	10	6	26.584	2220	23	24.28N	44	49.01E	23	51N	44	52E	599260	25146	189 43	64 50	ND	ND	ND	2.830
48	10	6	28.800	2215	23	15.21N	44	47.33E	23	41N	44	51E	599274	25146	189 43	64 58	ND	ND	ND	2.837
49	10	6	31.015	2215	23	6.15N	44	45.65E	23	32N	44	49E	599289	25146	189 43	65 5	ND	ND	ND	2.837
50	10	6	33.229	2215	22	57.08N	44	43.98E	23	23N	44	47E	599305	25146	189 42	65 13	ND	ND	ND	2.837
51	10	6	35.445	2216	22	48.01N	44	42.30E	23	14N	44	46E	599324	25146	189 42	65 21	ND	ND	ND	2.835
52	10	6	37.659	2214	22	38.95N	44	40.63E	23	5N	44	44E	599343	25146	189 42	65 29	ND	ND	ND	2.838
53	10	6	39.879	2220	22	29.86N	44	38.96E	22	56N	44	42E	599364	25146	189 42	65 37	ND	ND	ND	2.830
54	10	6	42.095	2215	22	20.79N	44	37.30E	22	47N	44	41E	599387	25146	189 42	65 45	ND	ND	ND	2.837
55	10	6	44.311	2216	22	11.72N	44	35.63E	22	38N	44	39E	599411	25146	189 41	65 52	ND	ND	ND	2.835
56	10	6	46.525	2215	22	2.65N	44	33.97E	22	29N	44	37E	599436	25146	189 41	66 0	ND	ND	ND	2.837
57	10	6	48.740	2215	21	53.59N	44	32.31E	22	20N	44	36E	599464	25146	189 41	66 8	ND	ND	ND	2.837
58	10	6	50.959	2219	21	44.50N	44	30.65E	22	11N	44	34E	599492	25146	189 41	66 16	ND	ND	ND	2.832
59	10	6	53.180	2220	21	35.41N	44	28.99E	22	2N	44	32E	599523	25146	189 41	66 23	ND	ND	ND	2.830
60	10	6	55.395	2215	21	26.34N	44	27.34E	21	53N	44	31E	599555	25146	189 40	66 31	ND	ND	ND	2.837
61	10	6	57.609	2215	21	17.28N	44	25.69E	21	44N	44	29E	599588	25146	189 40	66 39	ND	ND	ND	2.837
62	10	6	59.825	2216	21	8.20N	44	24.04E	21	34N	44	27E	599623	25146	189 40	66 46	ND	ND	ND	2.835
63	10	7	2.044	2219	20	59.12N	44	22.40E	21	25N	44	26E	599660	25146	189 40	66 54	ND	ND	ND	2.832
64	10	7	4.261	2216	20	50.04N	44	20.75E	21	16N	44	24E	599698	25145	189 40	67 2	ND	ND	ND	2.835
65	10	7	6.475	2214	20	40.98N	44	19.11E	21	7N	44	22E	599737	25145	189 39	67 9	ND	ND	ND	2.838
66	10	7	8.690	2216	20	31.90N	44	17.47E	20	58N	44	21E	599778	25145	189 39	67 17	ND	ND	ND	2.835
67	10	7	10.909	2219	20	22.82N	44	15.83E	20	49N	44	19E	599821	25145	189 39	67 24	ND	ND	ND	2.832
68	10	7	13.124	2215	20	13.75N	44	14.20E	20	40N	44	17E	599865	25145	189 39	67 32	ND	ND	ND	2.837
69	10	7	15.340	2215	20	4.67N	44	12.57E	20	31N	44	16E	599911	25145	189 39	67 39	ND	ND	ND	2.837
70	10	7	17.560	2220	19	55.58N	44	10.93E	20	22N	44	14E	599958	25145	189 38	67 47	ND	ND	ND	2.830
71	10	7	19.770	2210	19	46.53N	44	9.31E	20	13N	44	12E	600007	25145	189 38	67 55	ND	ND	ND	2.843
72	10	7	21.989	2220	19	37.44N	44	7.68E	20	4N	44	11E	600058	25145	189 38	68 2	ND	ND	ND	2.830
73	10	7	24.204	2215	19	28.37N	44	6.05E	19	55N	44	9E	600110	25145	189 38	68 9	ND	ND	ND	2.837
74	10	7	26.419	2215	19	19.30N	44	4.43E	19	46N	44	8E	600164	25144	189 38	68 17	ND	ND	ND	2.837
75	10	7	28.636	2216	19	10.22N	44	2.81E	19	37N	44	6E	600219	25144	189 38	68 24	ND	ND	ND	2.835
76	10	7	30.850	2214	19	1.16N	44	1.19E	19	27N	44	4E	600276	25144	189 37	68 32	ND	ND	ND	2.838
77	10	7	33.069	2220	18	52.06N	43	59.57E	19	18N	44	3E	600334	25144	189 37	68 39	ND	ND	ND	2.830

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500014003

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	11	25	58.879	0	61	32.16N	33	28.17E	62	0N	33	41E	635621	25058	194	16	28	34	ND		ND		ND		1.939
2	11	26	2.120	3241	61	19.24N	33	21.33E	61	47N	33	34E	635249	25059	194	11	28	47	ND		ND		ND		1.939
3	11	26	4.729	2609	61	8.84N	33	15.88E	61	36N	33	28E	634951	25060	194	8	28	58	ND		ND		ND		2.408
4	11	26	7.159	2430	60	59.15N	33	10.86E	61	27N	33	23E	634674	25060	194	4	29	7	ND		ND		ND		2.586
5	11	26	9.524	2365	60	49.71N	33	6.01E	61	17N	33	18E	634405	25061	194	1	29	17	ND		ND		ND		2.657
6	11	26	11.850	2325	60	40.43N	33	1.28E	61	8N	33	13E	634141	25061	193	58	29	26	ND		ND		ND		2.702
7	11	26	14.159	2310	60	31.21N	32	56.63E	60	59N	33	9E	633879	25062	193	55	29	35	ND		ND		ND		2.720
8	11	26	16.454	2295	60	22.04N	32	52.04E	60	49N	33	4E	633619	25063	193	52	29	44	ND		ND		ND		2.738
9	11	26	18.739	2285	60	12.92N	32	47.51E	60	40N	32	59E	633361	25063	193	49	29	53	ND		ND		ND		2.750
10	11	26	21.024	2285	60	3.79N	32	43.01E	60	31N	32	55E	633104	25064	193	46	30	2	ND		ND		ND		2.750
11	11	26	23.305	2280	59	54.67N	32	38.56E	60	22N	32	50E	632848	25065	193	43	30	11	ND		ND		ND		2.756
12	11	26	25.579	2275	59	45.58N	32	34.16E	60	13N	32	46E	632593	25065	193	41	30	20	ND		ND		ND		2.762
13	11	26	27.854	2275	59	36.48N	32	29.79E	60	4N	32	41E	632339	25066	193	38	30	29	ND		ND		ND		2.762
14	11	26	30.124	2270	59	27.41N	32	25.47E	59	55N	32	37E	632085	25066	193	35	30	38	ND		ND		ND		2.768
15	11	26	32.390	2265	59	18.34N	32	21.18E	59	46N	32	32E	631833	25067	193	32	30	47	ND		ND		ND		2.774
16	11	26	34.659	2270	59	9.26N	32	16.92E	59	37N	32	28E	631582	25068	193	30	30	56	ND		ND		ND		2.768
17	11	26	36.925	2265	59	0.19N	32	12.70E	59	28N	32	24E	631330	25068	193	27	31	5	ND		ND		ND		2.774
18	11	26	39.186	2261	58	51.14N	32	8.53E	59	18N	32	19E	631080	25069	193	24	31	14	ND		ND		ND		2.779
19	11	26	41.444	2259	58	42.10N	32	4.38E	59	9N	32	15E	630832	25069	193	22	31	23	ND		ND		ND		2.781
20	11	26	43.705	2261	58	33.05N	32	0.26E	59	0N	32	11E	630583	25070	193	19	31	32	ND		ND		ND		2.779
21	11	26	45.966	2260	58	23.99N	31	56.18E	58	51N	32	7E	630334	25071	193	17	31	41	ND		ND		ND		2.780
22	11	26	48.225	2259	58	14.94N	31	52.13E	58	42N	32	3E	630088	25071	193	14	31	50	ND		ND		ND		2.781
23	11	26	50.479	2255	58	5.90N	31	48.11E	58	33N	31	58E	629841	25072	193	12	31	59	ND		ND		ND		2.786
24	11	26	52.729	2250	57	56.88N	31	44.13E	58	24N	31	54E	629596	25072	193	9	32	8	ND		ND		ND		2.793
25	11	26	54.993	2264	57	47.81N	31	40.15E	58	15N	31	50E	629350	25073	193	7	32	17	ND		ND		ND		2.775
26	11	26	57.239	2246	57	38.80N	31	36.24E	58	6N	31	46E	629106	25073	193	5	32	26	ND		ND		ND		2.798
27	11	26	59.489	2250	57	29.78N	31	32.34E	57	57N	31	42E	628864	25074	193	2	32	34	ND		ND		ND		2.793
28	11	27	1.739	2250	57	20.75N	31	28.48E	57	48N	31	38E	628621	25075	193	0	32	43	ND		ND		ND		2.793
29	11	27	3.989	2250	57	11.72N	31	24.63E	57	39N	31	34E	628380	25075	192	58	32	52	ND		ND		ND		2.793
30	11	27	6.239	2250	57	2.69N	31	20.82E	57	30N	31	31E	628138	25076	192	55	33	1	ND		ND		ND		2.793
31	11	27	8.484	2245	56	53.68N	31	17.04E	57	21N	31	27E	627898	25076	192	53	33	10	ND		ND		ND		2.799
32	11	27	10.734	2250	56	44.65N	31	13.28E	57	12N	31	23E	627658	25077	192	51	33	19	ND		ND		ND		2.793
33	11	27	12.979	2245	56	35.63N	31	9.55E	57	3N	31	19E	627420	25077	192	49	33	28	ND		ND		ND		2.799
34	11	27	15.229	2250	56	26.59N	31	5.83E	56	54N	31	15E	627182	25078	192	47	33	37	ND		ND		ND		2.793
35	11	27	17.471	2241	56	17.59N	31	2.16E	56	45N	31	11E	626944	25079	192	44	33	46	ND		ND		ND		2.804
36	11	27	19.715	2244	56	8.57N	30	58.51E	56	36N	31	8E	626708	25079	192	42	33	54	ND		ND		ND		2.800
37	11	27	21.960	2246	55	59.55N	30	54.88E	56	27N	31	4E	626473	25080	192	40	34	3	ND		ND		ND		2.798
38	11	27	24.204	2244	55	50.53N	30	51.27E	56	18N	31	0E	626236	25080	192	38	34	12	ND		ND		ND		2.800
39	11	27	26.444	2240	55	41.52N	30	47.69E	56	9N	30	57E	626002	25081	192	36	34	21	ND		ND		ND		2.805
40	11	27	28.689	2245	55	32.50N	30	44.13E	56	0N	30	53E	625768	25081	192	34	34	30	ND		ND		ND		2.799
41	11	27	30.930	2240	55	23.49N	30	40.60E	55	51N	30	49E	625536	25082	192	32	34	39	ND		ND		ND		2.805
42	11	27	33.175	2245	55	14.46N	30	37.08E	55	42N	30	46E	625304	25082	192	30	34	48	ND		ND		ND		2.799
43	11	27	35.409	2235	55	5.47N	30	33.61E	55	33N	30	42E	625073	25083	192	28	34	57	ND		ND		ND		2.811
44	11	27	37.649	2240	54	56.45N	30	30.14E	55	24N	30	39E	624842	25084	192	26	35	5	ND		ND		ND		2.805
45	11	27	39.890	2240	54	47.44N	30	26.70E	55	15N	30	35E	624612	25084	192	24	35	14	ND		ND		ND		2.805

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	11	27	42.129	2240	54 38.42N	30 23.28E	55 6N	30 32E	624383	25085	192 23	35 23	ND	ND	ND	2.805
47	11	27	44.365	2236	54 29.42N	30 19.88E	54 57N	30 28E	624154	25085	192 21	35 32	ND	ND	ND	2.810
48	11	27	46.604	2239	54 20.41N	30 16.50E	54 48N	30 25E	623927	25086	192 19	35 41	ND	ND	ND	2.806
49	11	27	48.840	2235	54 11.40N	30 13.15E	54 39N	30 22E	623701	25086	192 17	35 50	ND	ND	ND	2.811
50	11	27	51.074	2235	54 2.41N	30 9.82E	54 30N	30 18E	623475	25087	192 15	35 58	ND	ND	ND	2.811
51	11	27	53.310	2235	53 53.40N	30 6.51E	54 20N	30 15E	623250	25087	192 14	36 7	ND	ND	ND	2.811
52	11	27	55.544	2235	53 44.40N	30 3.22E	54 11N	30 11E	623026	25088	192 12	36 16	ND	ND	ND	2.811
53	11	27	57.779	2235	53 35.39N	29 59.94E	54 2N	30 8E	622803	25088	192 10	36 25	ND	ND	ND	2.811
54	11	28	0.015	2235	53 26.38N	29 56.69E	53 53N	30 5E	622580	25089	192 8	36 34	ND	ND	ND	2.811
55	11	28	2.249	2235	53 17.38N	29 53.45E	53 44N	30 1E	622358	25090	192 7	36 43	ND	ND	ND	2.811
56	11	28	4.484	2235	53 8.36N	29 50.24E	53 35N	29 58E	622136	25090	192 5	36 51	ND	ND	ND	2.811
57	11	28	6.716	2231	52 59.37N	29 47.04E	53 26N	29 55E	621916	25091	192 3	37 0	ND	ND	ND	2.816
58	11	28	8.949	2234	52 50.36N	29 43.86E	53 17N	29 52E	621698	25091	192 2	37 9	ND	ND	ND	2.813
59	11	28	11.185	2235	52 41.34N	29 40.70E	53 8N	29 48E	621478	25092	192 0	37 18	ND	ND	ND	2.811
60	11	28	13.414	2230	52 32.35N	29 37.56E	52 59N	29 45E	621261	25092	191 58	37 27	ND	ND	ND	2.818
61	11	28	15.649	2235	52 23.33N	29 34.44E	52 50N	29 42E	621043	25093	191 57	37 35	ND	ND	ND	2.811
62	11	28	17.879	2230	52 14.34N	29 31.34E	52 41N	29 39E	620827	25093	191 55	37 44	ND	ND	ND	2.818
63	11	28	20.109	2230	52 5.34N	29 28.25E	52 32N	29 36E	620611	25094	191 54	37 53	ND	ND	ND	2.818
64	11	28	22.340	2230	51 56.33N	29 25.18E	52 23N	29 33E	620397	25094	191 52	38 2	ND	ND	ND	2.818
65	11	28	24.574	2235	51 47.31N	29 22.12E	52 14N	29 30E	620183	25095	191 51	38 11	ND	ND	ND	2.811
66	11	28	26.800	2225	51 38.33N	29 19.09E	52 5N	29 26E	619971	25095	191 49	38 19	ND	ND	ND	2.824
67	11	28	29.029	2230	51 29.33N	29 16.07E	51 56N	29 23E	619758	25096	191 48	38 28	ND	ND	ND	2.818
68	11	28	31.260	2230	51 20.32N	29 13.07E	51 47N	29 20E	619548	25096	191 46	38 37	ND	ND	ND	2.818
69	11	28	33.489	2230	51 11.31N	29 10.08E	51 38N	29 17E	619337	25097	191 45	38 46	ND	ND	ND	2.818
70	11	28	35.720	2230	51 2.30N	29 7.11E	51 29N	29 14E	619127	25097	191 43	38 55	ND	ND	ND	2.818
71	11	28	37.944	2225	50 53.32N	29 4.16E	51 20N	29 11E	618919	25098	191 42	39 3	ND	ND	ND	2.824
72	11	28	40.175	2230	50 44.30N	29 1.22E	51 11N	29 8E	618711	25098	191 40	39 12	ND	ND	ND	2.818
73	11	28	42.404	2230	50 35.29N	28 58.29E	51 2N	29 5E	618504	25099	191 39	39 21	ND	ND	ND	2.818
74	11	28	44.629	2225	50 26.30N	28 55.39E	50 53N	29 2E	618299	25099	191 38	39 30	ND	ND	ND	2.824
75	11	28	46.854	2225	50 17.31N	28 52.50E	50 44N	28 59E	618094	25100	191 36	39 38	ND	ND	ND	2.824
76	11	28	49.080	2226	50 8.31N	28 49.62E	50 35N	28 57E	617889	25100	191 35	39 47	ND	ND	ND	2.823
77	11	28	51.310	2229	49 59.30N	28 46.76E	50 26N	28 54E	617685	25101	191 34	39 56	ND	ND	ND	2.819
78	11	28	53.534	2225	49 50.30N	28 43.91E	50 17N	28 51E	617484	25101	191 32	40 5	ND	ND	ND	2.824
79	11	28	55.760	2225	49 41.30N	28 41.08E	50 8N	28 48E	617282	25102	191 31	40 14	ND	ND	ND	2.824
80	11	28	57.989	2230	49 32.28N	28 38.25E	49 59N	28 45E	617081	25102	191 30	40 22	ND	ND	ND	2.818
81	11	29	0.215	2225	49 23.28N	28 35.45E	49 50N	28 42E	616881	25103	191 28	40 31	ND	ND	ND	2.824
82	11	29	2.439	2225	49 14.28N	28 32.66E	49 41N	28 39E	616683	25103	191 27	40 40	ND	ND	ND	2.824
83	11	29	4.660	2221	49 5.30N	28 29.88E	49 32N	28 36E	616485	25104	191 26	40 49	ND	ND	ND	2.829
84	11	29	6.890	2229	48 56.27N	28 27.11E	49 23N	28 34E	616287	25104	191 24	40 57	ND	ND	ND	2.819

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	20	25	15.886	0	38 29.85N	107 44.25W	38 56N	107 40W	603672	25133	190 22	51 0	ND	ND	ND	2.014
2	20	25	19.004	3119	38 17.15N	107 47.20W	38 44N	107 43W	603510	25133	190 21	51 12	ND	ND	ND	2.014
3	20	25	21.499	2495	38 6.99N	107 49.56W	38 33N	107 45W	603382	25134	190 21	51 22	ND	ND	ND	2.518
4	20	25	23.834	2335	37 57.47N	107 51.75W	38 24N	107 47W	603264	25134	190 20	51 31	ND	ND	ND	2.691
5	20	25	26.115	2281	37 48.18N	107 53.89W	38 15N	107 49W	603149	25134	190 20	51 40	ND	ND	ND	2.755
6	20	25	28.374	2259	37 38.98N	107 56.00W	38 5N	107 52W	603038	25135	190 19	51 48	ND	ND	ND	2.781
7	20	25	30.619	2245	37 29.83N	107 58.09W	37 56N	107 54W	602927	25135	190 18	51 57	ND	ND	ND	2.799
8	20	25	32.860	2241	37 20.70N	108 0.17W	37 47N	107 56W	602820	25135	190 18	52 6	ND	ND	ND	2.804
9	20	25	35.100	2239	37 11.57N	108 2.24W	37 38N	107 58W	602712	25135	190 17	52 14	ND	ND	ND	2.806
10	20	25	37.335	2236	37 2.46N	108 4.31W	37 29N	108 0W	602606	25136	190 17	52 23	ND	ND	ND	2.810
11	20	25	39.569	2234	36 53.35N	108 6.36W	37 20N	108 2W	602501	25136	190 16	52 31	ND	ND	ND	2.813
12	20	25	41.805	2235	36 44.24N	108 8.42W	37 11N	108 4W	602398	25136	190 15	52 40	ND	ND	ND	2.811
13	20	25	44.034	2230	36 35.16N	108 10.46W	37 2N	108 6W	602296	25136	190 15	52 49	ND	ND	ND	2.818
14	20	25	46.265	2230	36 26.06N	108 12.49W	36 52N	108 8W	602196	25137	190 14	52 57	ND	ND	ND	2.818
15	20	25	48.494	2230	36 16.97N	108 14.52W	36 43N	108 10W	602096	25137	190 14	53 6	ND	ND	ND	2.818
16	20	25	50.720	2225	36 7.90N	108 16.54W	36 34N	108 12W	601999	25137	190 13	53 14	ND	ND	ND	2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	2	12	10.635	0	73	28.52N	178	34.80W	73	55N	177	58W	651896	25017	202	25	16	50	ND		ND		ND		1.893
2	2	12	13.954	3320	73	15.93N	178	52.83W	73	43N	178	17W	651494	25018	202	10	17	3	ND		ND		ND		1.893
3	2	12	16.654	2700	73	5.67N	179	7.19W	73	33N	178	32W	651168	25019	201	57	17	14	ND		ND		ND		2.327
4	2	12	19.186	2531	72	56.04N	179	20.40W	73	23N	178	46W	650863	25020	201	46	17	24	ND		ND		ND		2.482
5	2	12	21.630	2444	72	46.72N	179	32.95W	73	14N	178	59W	650568	25020	201	35	17	34	ND		ND		ND		2.571
6	2	12	24.059	2429	72	37.46N	179	45.22W	73	4N	179	12W	650276	25021	201	24	17	43	ND		ND		ND		2.587
7	2	12	26.476	2417	72	28.22N	179	57.23W	72	55N	179	24W	649985	25022	201	14	17	53	ND		ND		ND		2.600
8	2	12	28.874	2399	72	19.05N	179	51.05E	72	46N	179	37W	649696	25022	201	4	18	3	ND		ND		ND		2.619
9	2	12	31.260	2385	72	9.92N	179	39.57E	72	37N	179	49W	649409	25023	200	54	18	12	ND		ND		ND		2.634
10	2	12	33.645	2385	72	0.77N	179	28.27E	72	28N	179	59E	649124	25024	200	45	18	22	ND		ND		ND		2.634
11	2	12	36.020	2375	71	51.66N	179	17.19E	72	19N	179	48E	648838	25024	200	35	18	31	ND		ND		ND		2.646
12	2	12	38.395	2375	71	42.54N	179	6.27E	72	10N	179	36E	648554	25025	200	26	18	40	ND		ND		ND		2.646
13	2	12	40.765	2370	71	33.42N	178	55.55E	72	0N	179	25E	648270	25026	200	17	18	50	ND		ND		ND		2.651
14	2	12	43.131	2366	71	24.31N	178	45.00E	71	51N	179	14E	647987	25026	200	8	18	59	ND		ND		ND		2.656
15	2	12	45.494	2364	71	15.21N	178	34.62E	71	42N	179	3E	647704	25027	199	59	19	9	ND		ND		ND		2.658
16	2	12	47.855	2361	71	6.10N	178	24.40E	71	33N	178	53E	647422	25028	199	51	19	18	ND		ND		ND		2.661
17	2	12	50.215	2359	70	56.99N	178	14.33E	71	24N	178	42E	647141	25028	199	42	19	27	ND		ND		ND		2.663
18	2	12	52.574	2360	70	47.88N	178	4.41E	71	15N	178	32E	646859	25029	199	34	19	37	ND		ND		ND		2.662
19	2	12	54.930	2355	70	38.77N	177	54.65E	71	6N	178	22E	646579	25030	199	26	19	46	ND		ND		ND		2.668
20	2	12	57.279	2350	70	29.67N	177	45.04E	70	57N	178	12E	646299	25030	199	18	19	55	ND		ND		ND		2.674
21	2	12	59.631	2351	70	20.56N	177	35.56E	70	48N	178	2E	646020	25031	199	10	20	5	ND		ND		ND		2.673
22	2	13	1.979	2349	70	11.46N	177	26.23E	70	39N	177	52E	645741	25032	199	3	20	14	ND		ND		ND		2.675
23	2	13	4.324	2345	70	2.36N	177	17.03E	70	30N	177	42E	645463	25032	198	55	20	23	ND		ND		ND		2.679

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	5	14	51.425	0	54	16.98N	123	26.48E	54	44N	123	35E	619135	25094	192	18	36	7	ND		ND		ND		2.014
2	5	14	54.545	3120	54	4.41N	123	21.81E	54	31N	123	30E	618843	25095	192	16	36	19	ND		ND		ND		2.014
3	5	14	57.084	2540	53	54.18N	123	18.05E	54	21N	123	26E	618607	25095	192	14	36	29	ND		ND		ND		2.474
4	5	14	59.459	2375	53	44.61N	123	14.54E	54	11N	123	23E	618387	25096	192	12	36	38	ND		ND		ND		2.646
5	5	15	1.770	2310	53	35.30N	123	11.16E	54	2N	123	19E	618174	25096	192	10	36	47	ND		ND		ND		2.720
6	5	15	4.050	2280	53	26.11N	123	7.84E	53	53N	123	16E	617964	25097	192	8	36	56	ND		ND		ND		2.756
7	5	15	6.314	2265	53	16.97N	123	4.56E	53	44N	123	12E	617757	25097	192	6	37	5	ND		ND		ND		2.774
8	5	15	8.574	2260	53	7.86N	123	1.31E	53	35N	123	9E	617550	25098	192	5	37	14	ND		ND		ND		2.780
9	5	15	10.824	2250	52	58.79N	122	58.09E	53	26N	123	6E	617346	25098	192	3	37	23	ND		ND		ND		2.793
10	5	15	13.074	2250	52	49.71N	122	54.89E	53	17N	123	3E	617142	25099	192	1	37	32	ND		ND		ND		2.793
11	5	15	15.319	2245	52	40.65N	122	51.71E	53	7N	122	59E	616939	25099	192	0	37	41	ND		ND		ND		2.799
12	5	15	17.565	2246	52	31.59N	122	48.56E	52	58N	122	56E	616738	25100	191	58	37	50	ND		ND		ND		2.798
13	5	15	19.810	2244	52	22.53N	122	45.42E	52	49N	122	53E	616537	25100	191	56	37	59	ND		ND		ND		2.800
14	5	15	22.055	2245	52	13.47N	122	42.29E	52	40N	122	50E	616337	25101	191	55	38	7	ND		ND		ND		2.799
15	5	15	24.295	2240	52	4.43N	122	39.20E	52	31N	122	47E	616138	25101	191	53	38	16	ND		ND		ND		2.805
16	5	15	26.535	2241	51	55.38N	122	36.11E	52	22N	122	44E	615940	25102	191	52	38	25	ND		ND		ND		2.804
17	5	15	28.775	2240	51	46.34N	122	33.05E	52	13N	122	40E	615742	25102	191	50	38	34	ND		ND		ND		2.805
18	5	15	31.015	2239	51	37.29N	122	30.00E	52	4N	122	37E	615546	25103	191	49	38	43	ND		ND		ND		2.806
19	5	15	33.255	2240	51	28.24N	122	26.97E	51	55N	122	34E	615350	25103	191	47	38	51	ND		ND		ND		2.805
20	5	15	35.489	2235	51	19.22N	122	23.96E	51	46N	122	31E	615156	25104	191	46	39	0	ND		ND		ND		2.811
21	5	15	37.729	2240	51	10.17N	122	20.96E	51	37N	122	28E	614962	25104	191	44	39	9	ND		ND		ND		2.805
22	5	15	39.965	2235	51	1.13N	122	17.99E	51	28N	122	25E	614769	25105	191	43	39	18	ND		ND		ND		2.811
23	5	15	42.199	2235	50	52.10N	122	15.03E	51	19N	122	22E	614577	25105	191	41	39	27	ND		ND		ND		2.811
24	5	15	44.435	2235	50	43.07N	122	12.08E	51	10N	122	19E	614386	25105	191	40	39	36	ND		ND		ND		2.811
25	5	15	46.670	2235	50	34.03N	122	9.15E	51	1N	122	16E	614196	25106	191	39	39	44	ND		ND		ND		2.811
26	5	15	48.904	2235	50	25.00N	122	6.23E	50	52N	122	13E	614006	25106	191	37	39	53	ND		ND		ND		2.811
27	5	15	51.140	2235	50	15.96N	122	3.33E	50	43N	122	10E	613818	25107	191	36	40	2	ND		ND		ND		2.811
28	5	15	53.369	2230	50	6.95N	122	0.45E	50	34N	122	7E	613630	25107	191	35	40	11	ND		ND		ND		2.818
29	5	15	55.604	2235	49	57.91N	121	57.58E	50	25N	122	4E	613444	25108	191	33	40	20	ND		ND		ND		2.811
30	5	15	57.834	2230	49	48.89N	121	54.73E	50	16N	122	1E	613258	25108	191	32	40	28	ND		ND		ND		2.818
31	5	16	0.069	2235	49	39.85N	121	51.89E	50	7N	121	59E	613074	25109	191	31	40	37	ND		ND		ND		2.811
32	5	16	2.300	2230	49	30.82N	121	49.06E	49	58N	121	56E	612890	25109	191	29	40	46	ND		ND		ND		2.818
33	5	16	4.529	2230	49	21.80N	121	46.25E	49	49N	121	53E	612707	25110	191	28	40	55	ND		ND		ND		2.818
34	5	16	6.760	2230	49	12.78N	121	43.46E	49	39N	121	50E	612525	25110	191	27	41	3	ND		ND		ND		2.818
35	5	16	8.989	2230	49	3.75N	121	40.68E	49	30N	121	47E	612343	25110	191	25	41	12	ND		ND		ND		2.818
36	5	16	11.215	2225	48	54.74N	121	37.91E	49	21N	121	44E	612164	25111	191	24	41	21	ND		ND		ND		2.824
37	5	16	13.444	2230	48	45.72N	121	35.16E	49	12N	121	42E	611984	25111	191	23	41	30	ND		ND		ND		2.818
38	5	16	15.680	2235	48	36.67N	121	32.41E	49	3N	121	39E	611804	25112	191	22	41	38	ND		ND		ND		2.811
39	5	16	17.904	2225	48	27.66N	121	29.69E	48	54N	121	36E	611628	25112	191	20	41	47	ND		ND		ND		2.824
40	5	16	20.130	2225	48	18.65N	121	26.98E	48	45N	121	33E	611452	25113	191	19	41	56	ND		ND		ND		2.824
41	5	16	22.359	2230	48	9.62N	121	24.27E	48	36N	121	31E	611276	25113	191	18	42	5	ND		ND		ND		2.818
42	5	16	24.584	2225	48	0.61N	121	21.59E	48	27N	121	28E	611102	25113	191	17	42	13	ND		ND		ND		2.824
43	5	16	26.814	2230	47	51.57N	121	18.91E	48	18N	121	25E	610928	25114	191	16	42	22	ND		ND		ND		2.818
44	5	16	29.039	2225	47	42.56N	121	16.25E	48	9N	121	22E	610755	25114	191	15	42	31	ND		ND		ND		2.824
45	5	16	31.265	2225	47	33.54N	121	13.60E	48	0N	121	20E	610583	25115	191	13	42	40	ND		ND		ND		2.824

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
46	5	16	33.490	2226	47	24.52N	121	10.96E	47	51N	121	17E	610413	25115	191	12	42	48	ND	ND	ND	2.823
47	5	16	35.720	2229	47	15.49N	121	8.33E	47	42N	121	14E	610242	25115	191	11	42	57	ND	ND	ND	2.819
48	5	16	37.944	2225	47	6.47N	121	5.71E	47	33N	121	12E	610073	25116	191	10	43	6	ND	ND	ND	2.824
49	5	16	40.170	2225	46	57.45N	121	3.11E	47	24N	121	9E	609906	25116	191	9	43	15	ND	ND	ND	2.824
50	5	16	42.395	2225	46	48.43N	121	0.52E	47	15N	121	6E	609739	25117	191	8	43	23	ND	ND	ND	2.824
51	5	16	44.619	2225	46	39.41N	120	57.94E	47	6N	121	4E	609573	25117	191	7	43	32	ND	ND	ND	2.824
52	5	16	46.840	2220	46	30.41N	120	55.38E	46	57N	121	1E	609408	25117	191	6	43	41	ND	ND	ND	2.830
53	5	16	49.064	2225	46	21.39N	120	52.82E	46	48N	120	59E	609244	25118	191	5	43	49	ND	ND	ND	2.824
54	5	16	51.289	2225	46	12.36N	120	50.27E	46	39N	120	56E	609081	25118	191	4	43	58	ND	ND	ND	2.824
55	5	16	53.515	2225	46	3.34N	120	47.74E	46	30N	120	54E	608919	25119	191	3	44	7	ND	ND	ND	2.824
56	5	16	55.739	2225	45	54.31N	120	45.21E	46	21N	120	51E	608757	25119	191	2	44	16	ND	ND	ND	2.824
57	5	16	57.959	2220	45	45.31N	120	42.70E	46	12N	120	48E	608598	25119	191	1	44	24	ND	ND	ND	2.830
58	5	17	0.185	2225	45	36.28N	120	40.20E	46	3N	120	46E	608439	25120	191	0	44	33	ND	ND	ND	2.824
59	5	17	2.409	2225	45	27.25N	120	37.71E	45	54N	120	43E	608280	25120	190	59	44	42	ND	ND	ND	2.824
60	5	17	4.630	2220	45	18.24N	120	35.23E	45	45N	120	41E	608123	25121	190	58	44	50	ND	ND	ND	2.830
61	5	17	6.850	2220	45	9.23N	120	32.76E	45	36N	120	38E	607968	25121	190	57	44	59	ND	ND	ND	2.830
62	5	17	9.074	2225	45	0.20N	120	30.30E	45	27N	120	36E	607812	25121	190	56	45	8	ND	ND	ND	2.824
63	5	17	11.295	2220	44	51.19N	120	27.85E	45	18N	120	33E	607658	25122	190	55	45	16	ND	ND	ND	2.830
64	5	17	13.520	2225	44	42.16N	120	25.40E	45	9N	120	31E	607505	25122	190	54	45	25	ND	ND	ND	2.824
65	5	17	15.739	2220	44	33.14N	120	22.98E	45	0N	120	28E	607353	25122	190	53	45	34	ND	ND	ND	2.830
66	5	17	17.959	2220	44	24.13N	120	20.56E	44	51N	120	26E	607202	25123	190	52	45	42	ND	ND	ND	2.830
67	5	17	20.180	2220	44	15.11N	120	18.15E	44	42N	120	24E	607052	25123	190	51	45	51	ND	ND	ND	2.830
68	5	17	22.399	2220	44	6.10N	120	15.75E	44	33N	120	21E	606903	25124	190	50	46	0	ND	ND	ND	2.830
69	5	17	24.620	2221	43	57.08N	120	13.36E	44	24N	120	19E	606755	25124	190	49	46	8	ND	ND	ND	2.829
70	5	17	26.845	2224	43	48.04N	120	10.97E	44	15N	120	16E	606608	25124	190	49	46	17	ND	ND	ND	2.825
71	5	17	29.064	2220	43	39.03N	120	8.60E	44	6N	120	14E	606463	25125	190	48	46	26	ND	ND	ND	2.830
72	5	17	31.284	2220	43	30.01N	120	6.23E	43	56N	120	12E	606318	25125	190	47	46	34	ND	ND	ND	2.830
73	5	17	33.500	2216	43	21.01N	120	3.88E	43	47N	120	9E	606175	25125	190	46	46	43	ND	ND	ND	2.835
74	5	17	35.725	2224	43	11.97N	120	1.53E	43	38N	120	7E	606032	25126	190	45	46	52	ND	ND	ND	2.825
75	5	17	37.944	2220	43	2.95N	119	59.20E	43	29N	120	4E	605890	25126	190	44	47	0	ND	ND	ND	2.830
76	5	17	40.164	2220	42	53.93N	119	56.87E	43	20N	120	2E	605749	25126	190	43	47	9	ND	ND	ND	2.830
77	5	17	42.385	2220	42	44.90N	119	54.55E	43	11N	120	0E	605611	25127	190	43	47	18	ND	ND	ND	2.830
78	5	17	44.601	2216	42	35.89N	119	52.24E	43	2N	119	57E	605472	25127	190	42	47	26	ND	ND	ND	2.835
79	5	17	46.820	2220	42	26.87N	119	49.94E	42	53N	119	55E	605335	25127	190	41	47	35	ND	ND	ND	2.830
80	5	17	49.039	2219	42	17.85N	119	47.64E	42	44N	119	53E	605198	25128	190	40	47	44	ND	ND	ND	2.832
81	5	17	51.260	2220	42	8.82N	119	45.36E	42	35N	119	50E	605063	25128	190	39	47	52	ND	ND	ND	2.830
82	5	17	53.479	2220	41	59.80N	119	43.08E	42	26N	119	48E	604929	25128	190	39	48	1	ND	ND	ND	2.830
83	5	17	55.695	2216	41	50.79N	119	40.81E	42	17N	119	46E	604796	25129	190	38	48	10	ND	ND	ND	2.835
84	5	17	57.914	2219	41	41.76N	119	38.55E	42	8N	119	44E	604665	25129	190	37	48	18	ND	ND	ND	2.832
85	5	18	0.135	2220	41	32.73N	119	36.30E	41	59N	119	41E	604534	25129	190	36	48	27	ND	ND	ND	2.830
86	5	18	2.354	2220	41	23.70N	119	34.05E	41	50N	119	39E	604404	25130	190	36	48	35	ND	ND	ND	2.830
87	5	18	4.574	2220	41	14.68N	119	31.81E	41	41N	119	37E	604276	25130	190	35	48	44	ND	ND	ND	2.830
88	5	18	6.795	2220	41	5.64N	119	29.58E	41	32N	119	34E	604148	25130	190	34	48	53	ND	ND	ND	2.830
89	5	18	9.010	2215	40	56.63N	119	27.36E	41	23N	119	32E	604022	25131	190	33	49	1	ND	ND	ND	2.837
90	5	18	11.229	2220	40	47.60N	119	25.15E	41	14N	119	30E	603896	25131	190	33	49	10	ND	ND	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	5	18	13.444	2215	40 38.59N	119 22.94E	41 5N	119 28E	603773	25131	190 32	49 18	ND	ND	ND	2.837
92	5	18	15.664	2220	40 29.56N	119 20.74E	40 56N	119 26E	603649	25131	190 31	49 27	ND	ND	ND	2.830
93	5	18	17.880	2215	40 20.54N	119 18.55E	40 47N	119 23E	603528	25132	190 30	49 36	ND	ND	ND	2.837
94	5	18	20.100	2220	40 11.50N	119 16.37E	40 38N	119 21E	603408	25132	190 30	49 44	ND	ND	ND	2.830
95	5	18	22.314	2215	40 2.49N	119 14.19E	40 29N	119 19E	603288	25132	190 29	49 53	ND	ND	ND	2.837
96	5	18	24.529	2215	39 53.47N	119 12.03E	40 20N	119 17E	603170	25133	190 28	50 1	ND	ND	ND	2.837
97	5	18	26.749	2220	39 44.44N	119 9.86E	40 11N	119 15E	603053	25133	190 28	50 10	ND	ND	ND	2.830
98	5	18	28.970	2220	39 35.40N	119 7.70E	40 2N	119 12E	602936	25133	190 27	50 19	ND	ND	ND	2.830
99	5	18	31.185	2215	39 26.38N	119 5.56E	39 53N	119 10E	602822	25134	190 26	50 27	ND	ND	ND	2.837
100	5	18	33.399	2215	39 17.36N	119 3.42E	39 44N	119 8E	602707	25134	190 26	50 36	ND	ND	ND	2.837
101	5	18	35.619	2220	39 8.32N	119 1.28E	39 35N	119 6E	602595	25134	190 25	50 44	ND	ND	ND	2.830
102	5	18	37.834	2215	38 59.30N	118 59.15E	39 26N	119 4E	602484	25134	190 24	50 53	ND	ND	ND	2.837
103	5	18	40.055	2220	38 50.26N	118 57.03E	39 17N	119 2E	602374	25135	190 24	51 1	ND	ND	ND	2.830
104	5	18	42.266	2211	38 41.26N	118 54.92E	39 8N	118 59E	602264	25135	190 23	51 10	ND	ND	ND	2.842
105	5	18	44.484	2219	38 32.22N	118 52.81E	38 59N	118 57E	602156	25135	190 23	51 19	ND	ND	ND	2.832
106	5	18	46.704	2220	38 23.18N	118 50.70E	38 50N	118 55E	602050	25135	190 22	51 27	ND	ND	ND	2.830
107	5	18	48.920	2215	38 14.15N	118 48.61E	38 40N	118 53E	601944	25136	190 21	51 36	ND	ND	ND	2.837
108	5	18	51.135	2215	38 5.13N	118 46.52E	38 31N	118 51E	601840	25136	190 21	51 44	ND	ND	ND	2.837
109	5	18	53.350	2215	37 56.10N	118 44.44E	38 22N	118 49E	601737	25136	190 20	51 53	ND	ND	ND	2.837
110	5	18	55.569	2220	37 47.06N	118 42.36E	38 13N	118 47E	601635	25136	190 20	52 1	ND	ND	ND	2.830
111	5	18	57.784	2215	37 38.04N	118 40.29E	38 4N	118 45E	601534	25137	190 19	52 10	ND	ND	ND	2.837
112	5	18	59.995	2211	37 29.03N	118 38.23E	37 55N	118 43E	601435	25137	190 18	52 18	ND	ND	ND	2.842
113	5	19	2.215	2219	37 19.98N	118 36.17E	37 46N	118 41E	601336	25137	190 18	52 27	ND	ND	ND	2.832
114	5	19	4.430	2215	37 10.95N	118 34.12E	37 37N	118 38E	601239	25137	190 17	52 35	ND	ND	ND	2.837
115	5	19	6.645	2215	37 1.93N	118 32.08E	37 28N	118 36E	601143	25138	190 17	52 44	ND	ND	ND	2.837
116	5	19	8.859	2215	36 52.90N	118 30.04E	37 19N	118 34E	601049	25138	190 16	52 52	ND	ND	ND	2.837
117	5	19	11.074	2215	36 43.87N	118 28.01E	37 10N	118 32E	600955	25138	190 16	53 1	ND	ND	ND	2.837
118	5	19	13.290	2216	36 34.84N	118 25.98E	37 1N	118 30E	600863	25138	190 15	53 9	ND	ND	ND	2.835
119	5	19	15.505	2214	36 25.81N	118 23.96E	36 52N	118 28E	600772	25139	190 14	53 18	ND	ND	ND	2.838
120	5	19	17.720	2215	36 16.78N	118 21.94E	36 43N	118 26E	600682	25139	190 14	53 26	ND	ND	ND	2.837
121	5	19	19.935	2215	36 7.75N	118 19.93E	36 34N	118 24E	600594	25139	190 13	53 35	ND	ND	ND	2.837
122	5	19	22.149	2215	35 58.71N	118 17.92E	36 25N	118 22E	600507	25139	190 13	53 43	ND	ND	ND	2.837
123	5	19	24.364	2215	35 49.68N	118 15.92E	36 16N	118 20E	600421	25139	190 12	53 52	ND	ND	ND	2.837
124	5	19	26.579	2215	35 40.65N	118 13.93E	36 7N	118 18E	600335	25140	190 12	54 0	ND	ND	ND	2.837
125	5	19	28.795	2215	35 31.61N	118 11.94E	35 58N	118 16E	600252	25140	190 11	54 9	ND	ND	ND	2.837
126	5	19	31.015	2220	35 22.56N	118 9.95E	35 49N	118 14E	600170	25140	190 11	54 17	ND	ND	ND	2.830
127	5	19	33.229	2215	35 13.53N	118 7.98E	35 40N	118 12E	600088	25140	190 10	54 26	ND	ND	ND	2.837
128	5	19	35.444	2215	35 4.49N	118 6.00E	35 31N	118 10E	600009	25141	190 10	54 34	ND	ND	ND	2.837
129	5	19	37.659	2215	34 55.46N	118 4.04E	35 22N	118 8E	599930	25141	190 9	54 43	ND	ND	ND	2.837
130	5	19	39.874	2215	34 46.42N	118 2.07E	35 13N	118 6E	599853	25141	190 9	54 51	ND	ND	ND	2.837
131	5	19	42.091	2216	34 37.38N	118 0.11E	35 4N	118 4E	599777	25141	190 8	54 59	ND	ND	ND	2.835
132	5	19	44.305	2214	34 28.34N	117 58.16E	34 55N	118 2E	599702	25141	190 8	55 8	ND	ND	ND	2.838
133	5	19	46.520	2215	34 19.31N	117 56.21E	34 46N	118 0E	599629	25141	190 7	55 16	ND	ND	ND	2.837
134	5	19	48.739	2220	34 10.25N	117 54.27E	34 36N	117 58E	599557	25142	190 7	55 25	ND	ND	ND	2.830
135	5	19	50.954	2215	34 1.21N	117 52.33E	34 27N	117 56E	599485	25142	190 6	55 33	ND	ND	ND	2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	5	19	53.170	2215	33	52.17N	117	50.40E	34	18N	117	54E	599416	25142	190	6	55	42	ND		ND		ND		2.837
137	5	19	55.385	2215	33	43.13N	117	48.47E	34	9N	117	52E	599348	25142	190	6	55	50	ND		ND		ND		2.837
138	5	19	57.600	2215	33	34.09N	117	46.55E	34	0N	117	51E	599281	25142	190	5	55	59	ND		ND		ND		2.837
139	5	19	59.814	2215	33	25.05N	117	44.63E	33	51N	117	49E	599215	25143	190	5	56	7	ND		ND		ND		2.837
140	5	20	2.029	2215	33	16.01N	117	42.72E	33	42N	117	47E	599151	25143	190	4	56	15	ND		ND		ND		2.837
141	5	20	4.239	2210	33	6.99N	117	40.81E	33	33N	117	45E	599087	25143	190	4	56	24	ND		ND		ND		2.843
142	5	20	6.455	2216	32	57.94N	117	38.91E	33	24N	117	43E	599026	25143	190	3	56	32	ND		ND		ND		2.835
143	5	20	8.675	2219	32	48.88N	117	37.00E	33	15N	117	41E	598965	25143	190	3	56	41	ND		ND		ND		2.832
144	5	20	10.885	2210	32	39.86N	117	35.11E	33	6N	117	39E	598906	25143	190	2	56	49	ND		ND		ND		2.843
145	5	20	13.100	2215	32	30.82N	117	33.22E	32	57N	117	37E	598848	25143	190	2	56	57	ND		ND		ND		2.837
146	5	20	15.314	2215	32	21.77N	117	31.33E	32	48N	117	35E	598792	25144	190	2	57	6	ND		ND		ND		2.837
147	5	20	17.529	2215	32	12.73N	117	29.45E	32	39N	117	33E	598737	25144	190	1	57	14	ND		ND		ND		2.837
148	5	20	19.744	2215	32	3.68N	117	27.57E	32	30N	117	31E	598683	25144	190	1	57	22	ND		ND		ND		2.837
149	5	20	21.959	2215	31	54.64N	117	25.70E	32	21N	117	30E	598630	25144	190	0	57	31	ND		ND		ND		2.837
150	5	20	24.175	2215	31	45.59N	117	23.83E	32	12N	117	28E	598579	25144	190	0	57	39	ND		ND		ND		2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	6	41	45.794	0	62	17.97N	104	50.45E	62	45N	105	4E	630835	25066	194	33	28	12	ND		ND		ND		1.942
2	6	41	49.029	3235	62	5.09N	104	43.31E	62	32N	104	56E	630487	25067	194	28	28	24	ND		ND		ND		1.942
3	6	41	51.630	2600	61	54.73N	104	37.64E	62	22N	104	51E	630209	25067	194	24	28	35	ND		ND		ND		2.417
4	6	41	54.056	2426	61	45.06N	104	32.41E	62	12N	104	45E	629950	25068	194	20	28	44	ND		ND		ND		2.590
5	6	41	56.409	2354	61	35.68N	104	27.37E	62	3N	104	40E	629699	25069	194	17	28	54	ND		ND		ND		2.669
6	6	41	58.729	2320	61	26.43N	104	22.45E	61	54N	104	35E	629453	25069	194	14	29	3	ND		ND		ND		2.708
7	6	42	1.024	2295	61	17.27N	104	17.63E	61	44N	104	30E	629209	25070	194	10	29	12	ND		ND		ND		2.738
8	6	42	3.314	2290	61	8.14N	104	12.85E	61	35N	104	25E	628967	25070	194	7	29	21	ND		ND		ND		2.744
9	6	42	5.590	2275	60	59.06N	104	8.15E	61	26N	104	20E	628726	25071	194	4	29	30	ND		ND		ND		2.762
10	6	42	7.864	2275	60	49.98N	104	3.48E	61	17N	104	16E	628486	25072	194	1	29	39	ND		ND		ND		2.762
11	6	42	10.135	2270	60	40.91N	103	58.87E	61	8N	104	11E	628248	25072	193	58	29	48	ND		ND		ND		2.768
12	6	42	12.404	2270	60	31.85N	103	54.29E	60	59N	104	6E	628010	25073	193	55	29	57	ND		ND		ND		2.768
13	6	42	14.669	2265	60	22.80N	103	49.76E	60	50N	104	2E	627773	25073	193	52	30	6	ND		ND		ND		2.774
14	6	42	16.931	2261	60	13.76N	103	45.27E	60	41N	103	57E	627536	25074	193	49	30	15	ND		ND		ND		2.779
15	6	42	19.194	2264	60	4.71N	103	40.82E	60	32N	103	52E	627301	25074	193	46	30	24	ND		ND		ND		2.775
16	6	42	21.454	2260	59	55.68N	103	36.40E	60	23N	103	48E	627066	25075	193	43	30	33	ND		ND		ND		2.780
17	6	42	23.709	2255	59	46.66N	103	32.03E	60	14N	103	43E	626832	25075	193	41	30	42	ND		ND		ND		2.786
18	6	42	25.965	2255	59	37.64N	103	27.70E	60	5N	103	39E	626599	25076	193	38	30	51	ND		ND		ND		2.786
19	6	42	28.225	2260	59	28.60N	103	23.39E	59	56N	103	35E	626366	25077	193	35	31	0	ND		ND		ND		2.780
20	6	42	30.476	2251	59	19.59N	103	19.12E	59	47N	103	30E	626134	25077	193	32	31	9	ND		ND		ND		2.791
21	6	42	32.729	2254	59	10.57N	103	14.89E	59	38N	103	26E	625903	25078	193	30	31	18	ND		ND		ND		2.788
22	6	42	34.979	2250	59	1.56N	103	10.69E	59	29N	103	22E	625674	25078	193	27	31	26	ND		ND		ND		2.793
23	6	42	37.229	2250	58	52.55N	103	6.53E	59	20N	103	17E	625443	25079	193	24	31	35	ND		ND		ND		2.793
24	6	42	39.480	2251	58	43.53N	103	2.40E	59	11N	103	13E	625214	25079	193	22	31	44	ND		ND		ND		2.791
25	6	42	41.729	2249	58	34.52N	102	58.30E	59	2N	103	9E	624986	25080	193	19	31	53	ND		ND		ND		2.794
26	6	42	43.976	2246	58	25.52N	102	54.23E	58	53N	103	5E	624759	25080	193	17	32	2	ND		ND		ND		2.798
27	6	42	46.225	2249	58	16.51N	102	50.19E	58	44N	103	1E	624531	25081	193	14	32	11	ND		ND		ND		2.794
28	6	42	48.470	2245	58	7.51N	102	46.19E	58	35N	102	56E	624305	25081	193	12	32	20	ND		ND		ND		2.799
29	6	42	50.715	2245	57	58.50N	102	42.21E	58	26N	102	52E	624079	25082	193	9	32	29	ND		ND		ND		2.799
30	6	42	52.959	2245	57	49.50N	102	38.26E	58	17N	102	48E	623855	25083	193	7	32	38	ND		ND		ND		2.799
31	6	42	55.199	2240	57	40.52N	102	34.35E	58	8N	102	44E	623631	25083	193	5	32	46	ND		ND		ND		2.805
32	6	42	57.444	2245	57	31.51N	102	30.46E	57	59N	102	40E	623407	25084	193	2	32	55	ND		ND		ND		2.799
33	6	42	59.689	2245	57	22.50N	102	26.60E	57	50N	102	36E	623184	25084	193	0	33	4	ND		ND		ND		2.799
34	6	43	1.930	2240	57	13.50N	102	22.77E	57	41N	102	33E	622962	25085	192	58	33	13	ND		ND		ND		2.805
35	6	43	4.169	2240	57	4.51N	102	18.96E	57	32N	102	29E	622741	25085	192	56	33	22	ND		ND		ND		2.805
36	6	43	6.409	2240	56	55.52N	102	15.19E	57	23N	102	25E	622521	25086	192	53	33	31	ND		ND		ND		2.805
37	6	43	8.649	2240	56	46.52N	102	11.44E	57	14N	102	21E	622301	25086	192	51	33	40	ND		ND		ND		2.805
38	6	43	10.885	2235	56	37.54N	102	7.72E	57	5N	102	17E	622082	25087	192	49	33	49	ND		ND		ND		2.811
39	6	43	13.124	2240	56	28.54N	102	4.02E	56	56N	102	13E	621863	25087	192	47	33	57	ND		ND		ND		2.805
40	6	43	15.359	2235	56	19.56N	102	0.35E	56	47N	102	10E	621646	25088	192	45	34	6	ND		ND		ND		2.811
41	6	43	17.600	2240	56	10.56N	101	56.70E	56	38N	102	6E	621429	25088	192	43	34	15	ND		ND		ND		2.805
42	6	43	19.834	2235	56	1.57N	101	53.08E	56	29N	102	2E	621213	25089	192	40	34	24	ND		ND		ND		2.811
43	6	43	22.069	2235	55	52.59N	101	49.48E	56	20N	101	59E	620997	25089	192	38	34	33	ND		ND		ND		2.811
44	6	43	24.305	2235	55	43.60N	101	45.90E	56	11N	101	55E	620782	25090	192	36	34	42	ND		ND		ND		2.811
45	6	43	26.539	2235	55	34.61N	101	42.35E	56	2N	101	51E	620568	25090	192	34	34	50	ND		ND		ND		2.811

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	6	43	28.774	2235	55	25.62N	101	38.83E	55	53N	101	48E	620355	25091	192	32	34	59	ND		ND		ND		2.811
47	6	43	31.010	2235	55	16.62N	101	35.32E	55	44N	101	44E	620143	25091	192	30	35	8	ND		ND		ND		2.811
48	6	43	33.239	2230	55	7.65N	101	31.84E	55	35N	101	41E	619931	25092	192	28	35	17	ND		ND		ND		2.818
49	6	43	35.475	2235	54	58.65N	101	28.38E	55	26N	101	37E	619720	25092	192	27	35	26	ND		ND		ND		2.811
50	6	43	37.709	2235	54	49.66N	101	24.94E	55	17N	101	34E	619510	25093	192	25	35	35	ND		ND		ND		2.811
51	6	43	39.939	2230	54	40.68N	101	21.53E	55	8N	101	30E	619300	25093	192	23	35	43	ND		ND		ND		2.818
52	6	43	42.175	2235	54	31.68N	101	18.13E	54	59N	101	27E	619091	25094	192	21	35	52	ND		ND		ND		2.811
53	6	43	44.404	2230	54	22.70N	101	14.76E	54	50N	101	23E	618883	25094	192	19	36	1	ND		ND		ND		2.818
54	6	43	46.635	2230	54	13.71N	101	11.41E	54	41N	101	20E	618676	25095	192	17	36	10	ND		ND		ND		2.818
55	6	43	48.864	2230	54	4.73N	101	8.08E	54	32N	101	16E	618470	25095	192	15	36	19	ND		ND		ND		2.818
56	6	43	51.100	2235	53	55.72N	101	4.76E	54	23N	101	13E	618263	25096	192	14	36	27	ND		ND		ND		2.811
57	6	43	53.329	2230	53	46.74N	101	1.48E	54	14N	101	10E	618059	25096	192	12	36	36	ND		ND		ND		2.818
58	6	43	55.560	2230	53	37.75N	100	58.20E	54	5N	101	6E	617854	25097	192	10	36	45	ND		ND		ND		2.818
59	6	43	57.789	2230	53	28.76N	100	54.95E	53	56N	101	3E	617651	25097	192	8	36	54	ND		ND		ND		2.818
60	6	44	0.020	2230	53	19.76N	100	51.72E	53	47N	101	0E	617448	25098	192	7	37	3	ND		ND		ND		2.818
61	6	44	2.249	2230	53	10.77N	100	48.50E	53	38N	100	56E	617246	25098	192	5	37	11	ND		ND		ND		2.818
62	6	44	4.479	2230	53	1.78N	100	45.31E	53	29N	100	53E	617045	25099	192	3	37	20	ND		ND		ND		2.818
63	6	44	6.704	2225	52	52.80N	100	42.14E	53	20N	100	50E	616845	25099	192	2	37	29	ND		ND		ND		2.824
64	6	44	8.935	2230	52	43.81N	100	38.98E	53	11N	100	47E	616646	25100	192	0	37	38	ND		ND		ND		2.818
65	6	44	11.159	2225	52	34.83N	100	35.84E	53	2N	100	44E	616447	25100	191	59	37	47	ND		ND		ND		2.824
66	6	44	13.390	2230	52	25.83N	100	32.72E	52	53N	100	40E	616249	25101	191	57	37	55	ND		ND		ND		2.818
67	6	44	15.614	2225	52	16.85N	100	29.62E	52	44N	100	37E	616052	25101	191	55	38	4	ND		ND		ND		2.824
68	6	44	17.840	2225	52	7.86N	100	26.53E	52	35N	100	34E	615856	25102	191	54	38	13	ND		ND		ND		2.824
69	6	44	20.064	2225	51	58.88N	100	23.47E	52	26N	100	31E	615661	25102	191	52	38	22	ND		ND		ND		2.824
70	6	44	22.289	2225	51	49.90N	100	20.42E	52	17N	100	28E	615466	25103	191	51	38	30	ND		ND		ND		2.824
71	6	44	24.515	2225	51	40.91N	100	17.38E	52	8N	100	25E	615272	25103	191	49	38	39	ND		ND		ND		2.824
72	6	44	26.739	2225	51	31.93N	100	14.37E	51	59N	100	22E	615079	25104	191	48	38	48	ND		ND		ND		2.824
73	6	44	28.965	2225	51	22.94N	100	11.36E	51	50N	100	19E	614888	25104	191	46	38	57	ND		ND		ND		2.824
74	6	44	31.190	2226	51	13.95N	100	8.38E	51	41N	100	16E	614696	25104	191	45	39	6	ND		ND		ND		2.823
75	6	44	33.414	2224	51	4.96N	100	5.41E	51	32N	100	13E	614506	25105	191	43	39	14	ND		ND		ND		2.825
76	6	44	35.640	2225	50	55.97N	100	2.46E	51	23N	100	10E	614317	25105	191	42	39	23	ND		ND		ND		2.824
77	6	44	37.864	2225	50	46.98N	99	59.52E	51	14N	100	7E	614127	25106	191	41	39	32	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	9	40	4.233	0	60	18.06N	59	20.03E	60	45N	59	32E	626728	25075	193	51	30	11	ND		ND		ND		1.963
2	9	40	7.435	3201	60	5.26N	59	13.72E	60	32N	59	25E	626400	25076	193	46	30	23	ND		ND		ND		1.963
3	9	40	10.019	2584	59	54.93N	59	8.67E	60	22N	59	20E	626136	25077	193	43	30	34	ND		ND		ND		2.432
4	9	40	12.424	2405	59	45.31N	59	4.01E	60	12N	59	15E	625890	25077	193	40	30	43	ND		ND		ND		2.613
5	9	40	14.759	2335	59	35.97N	58	59.53E	60	3N	59	11E	625653	25078	193	37	30	52	ND		ND		ND		2.691
6	9	40	17.063	2305	59	26.75N	58	55.14E	59	54N	59	6E	625420	25078	193	35	31	2	ND		ND		ND		2.726
7	9	40	19.349	2285	59	17.60N	58	50.82E	59	45N	59	2E	625189	25079	193	32	31	11	ND		ND		ND		2.750
8	9	40	21.618	2270	59	8.52N	58	46.56E	59	36N	58	57E	624961	25079	193	29	31	20	ND		ND		ND		2.768
9	9	40	23.884	2265	58	59.45N	58	42.34E	59	26N	58	53E	624733	25080	193	26	31	29	ND		ND		ND		2.774
10	9	40	26.148	2265	58	50.38N	58	38.16E	59	17N	58	49E	624506	25081	193	24	31	38	ND		ND		ND		2.774
11	9	40	28.408	2260	58	41.32N	58	34.02E	59	8N	58	45E	624280	25081	193	21	31	47	ND		ND		ND		2.780
12	9	40	30.663	2255	58	32.29N	58	29.91E	58	59N	58	40E	624055	25082	193	19	31	55	ND		ND		ND		2.786
13	9	40	32.918	2255	58	23.25N	58	25.84E	58	50N	58	36E	623831	25082	193	16	32	4	ND		ND		ND		2.786
14	9	40	35.174	2255	58	14.21N	58	21.79E	58	41N	58	32E	623607	25083	193	14	32	13	ND		ND		ND		2.786
15	9	40	37.424	2250	58	5.19N	58	17.79E	58	32N	58	28E	623384	25083	193	11	32	22	ND		ND		ND		2.793
16	9	40	39.674	2250	57	56.16N	58	13.81E	58	23N	58	24E	623162	25084	193	9	32	31	ND		ND		ND		2.793
17	9	40	41.918	2245	57	47.16N	58	9.87E	58	14N	58	20E	622942	25084	193	7	32	40	ND		ND		ND		2.799
18	9	40	44.168	2250	57	38.13N	58	5.95E	58	5N	58	16E	622721	25085	193	4	32	49	ND		ND		ND		2.793
19	9	40	46.413	2245	57	29.12N	58	2.06E	57	56N	58	12E	622502	25085	193	2	32	58	ND		ND		ND		2.799
20	9	40	48.658	2245	57	20.11N	57	58.20E	57	47N	58	8E	622283	25086	193	0	33	7	ND		ND		ND		2.799
21	9	40	50.903	2245	57	11.10N	57	54.37E	57	38N	58	4E	622064	25086	192	57	33	16	ND		ND		ND		2.799
22	9	40	53.148	2245	57	2.09N	57	50.57E	57	29N	58	0E	621847	25087	192	55	33	24	ND		ND		ND		2.799
23	9	40	55.394	2245	56	53.07N	57	46.79E	57	20N	57	56E	621630	25087	192	53	33	33	ND		ND		ND		2.799
24	9	40	57.634	2240	56	44.07N	57	43.04E	57	11N	57	53E	621414	25088	192	51	33	42	ND		ND		ND		2.805
25	9	40	59.873	2240	56	35.07N	57	39.32E	57	2N	57	49E	621199	25088	192	48	33	51	ND		ND		ND		2.805
26	9	41	2.113	2240	56	26.07N	57	35.63E	56	53N	57	45E	620984	25089	192	46	34	0	ND		ND		ND		2.805
27	9	41	4.354	2240	56	17.07N	57	31.96E	56	44N	57	41E	620771	25089	192	44	34	9	ND		ND		ND		2.805
28	9	41	6.594	2240	56	8.06N	57	28.31E	56	35N	57	37E	620557	25090	192	42	34	18	ND		ND		ND		2.805
29	9	41	8.828	2235	55	59.08N	57	24.70E	56	26N	57	34E	620346	25090	192	40	34	26	ND		ND		ND		2.811
30	9	41	11.063	2235	55	50.09N	57	21.11E	56	17N	57	30E	620135	25091	192	38	34	35	ND		ND		ND		2.811
31	9	41	13.304	2240	55	41.08N	57	17.53E	56	8N	57	26E	619923	25091	192	36	34	44	ND		ND		ND		2.805
32	9	41	15.538	2235	55	32.09N	57	13.99E	55	59N	57	23E	619713	25092	192	34	34	53	ND		ND		ND		2.811
33	9	41	17.773	2235	55	23.10N	57	10.46E	55	50N	57	19E	619504	25092	192	32	35	2	ND		ND		ND		2.811
34	9	41	20.009	2235	55	14.10N	57	6.96E	55	41N	57	16E	619296	25093	192	30	35	11	ND		ND		ND		2.811
35	9	41	22.243	2235	55	5.11N	57	3.49E	55	32N	57	12E	619088	25093	192	28	35	19	ND		ND		ND		2.811
36	9	41	24.479	2235	54	56.11N	57	0.03E	55	23N	57	9E	618880	25094	192	26	35	28	ND		ND		ND		2.811
37	9	41	26.714	2235	54	47.11N	56	56.59E	55	14N	57	5E	618674	25094	192	24	35	37	ND		ND		ND		2.811
38	9	41	28.943	2230	54	38.14N	56	53.19E	55	5N	57	2E	618469	25095	192	22	35	46	ND		ND		ND		2.818
39	9	41	31.179	2235	54	29.13N	56	49.80E	54	56N	56	58E	618264	25095	192	20	35	55	ND		ND		ND		2.811
40	9	41	33.409	2231	54	20.15N	56	46.43E	54	47N	56	55E	618060	25096	192	19	36	4	ND		ND		ND		2.816
41	9	41	35.640	2230	54	11.16N	56	43.08E	54	38N	56	51E	617857	25096	192	17	36	12	ND		ND		ND		2.818
42	9	41	37.873	2234	54	2.16N	56	39.75E	54	29N	56	48E	617655	25097	192	15	36	21	ND		ND		ND		2.813
43	9	41	40.108	2235	53	53.16N	56	36.44E	54	20N	56	45E	617453	25097	192	13	36	30	ND		ND		ND		2.811
44	9	41	42.339	2230	53	44.17N	56	33.16E	54	11N	56	41E	617251	25098	192	11	36	39	ND		ND		ND		2.818
45	9	41	44.568	2230	53	35.18N	56	29.89E	54	2N	56	38E	617052	25098	192	10	36	48	ND		ND		ND		2.818

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
46	9	41	46.799	2230	53	26.19N	56	26.64E	53	53N	56	35E	616852	25099	192	8	36	56	ND	ND	ND	2.818
47	9	41	49.028	2230	53	17.20N	56	23.42E	53	44N	56	31E	616653	25099	192	6	37	5	ND	ND	ND	2.818
48	9	41	51.259	2230	53	8.20N	56	20.21E	53	35N	56	28E	616456	25100	192	5	37	14	ND	ND	ND	2.818
49	9	41	53.483	2225	52	59.23N	56	17.02E	53	26N	56	25E	616260	25100	192	3	37	23	ND	ND	ND	2.824
50	9	41	55.714	2230	52	50.23N	56	13.85E	53	17N	56	22E	616063	25101	192	1	37	32	ND	ND	ND	2.818
51	9	41	57.943	2230	52	41.23N	56	10.69E	53	8N	56	18E	615867	25101	192	0	37	40	ND	ND	ND	2.818
52	9	42	0.174	2230	52	32.23N	56	7.56E	52	59N	56	15E	615673	25102	191	58	37	49	ND	ND	ND	2.818
53	9	42	2.398	2225	52	23.25N	56	4.44E	52	50N	56	12E	615479	25102	191	57	37	58	ND	ND	ND	2.824
54	9	42	4.623	2225	52	14.27N	56	1.35E	52	41N	56	9E	615287	25103	191	55	38	7	ND	ND	ND	2.824
55	9	42	6.849	2225	52	5.29N	55	58.27E	52	32N	56	6E	615095	25103	191	53	38	16	ND	ND	ND	2.824
56	9	42	9.078	2230	51	56.29N	55	55.20E	52	23N	56	3E	614903	25103	191	52	38	24	ND	ND	ND	2.818
57	9	42	11.304	2225	51	47.30N	55	52.15E	52	14N	56	0E	614713	25104	191	50	38	33	ND	ND	ND	2.824
58	9	42	13.528	2225	51	38.32N	55	49.12E	52	5N	55	56E	614523	25104	191	49	38	42	ND	ND	ND	2.824
59	9	42	15.753	2225	51	29.33N	55	46.11E	51	56N	55	53E	614334	25105	191	47	38	51	ND	ND	ND	2.824
60	9	42	17.983	2230	51	20.32N	55	43.11E	51	47N	55	50E	614146	25105	191	46	38	59	ND	ND	ND	2.818
61	9	42	20.204	2221	51	11.35N	55	40.13E	51	38N	55	47E	613959	25106	191	44	39	8	ND	ND	ND	2.829
62	9	42	22.429	2224	51	2.36N	55	37.17E	51	29N	55	44E	613773	25106	191	43	39	17	ND	ND	ND	2.825
63	9	42	24.653	2225	50	53.37N	55	34.22E	51	20N	55	41E	613588	25107	191	42	39	26	ND	ND	ND	2.824
64	9	42	26.878	2225	50	44.37N	55	31.28E	51	11N	55	38E	613403	25107	191	40	39	34	ND	ND	ND	2.824
65	9	42	29.104	2225	50	35.38N	55	28.36E	51	2N	55	35E	613219	25108	191	39	39	43	ND	ND	ND	2.824
66	9	42	31.328	2225	50	26.38N	55	25.46E	50	53N	55	32E	613036	25108	191	37	39	52	ND	ND	ND	2.824
67	9	42	33.554	2225	50	17.38N	55	22.57E	50	44N	55	29E	612854	25108	191	36	40	1	ND	ND	ND	2.824
68	9	42	35.778	2225	50	8.39N	55	19.69E	50	35N	55	27E	612672	25109	191	35	40	10	ND	ND	ND	2.824
69	9	42	37.998	2220	49	59.41N	55	16.84E	50	26N	55	24E	612492	25109	191	33	40	18	ND	ND	ND	2.830
70	9	42	40.224	2225	49	50.41N	55	13.99E	50	17N	55	21E	612313	25110	191	32	40	27	ND	ND	ND	2.824
71	9	42	42.443	2220	49	41.43N	55	11.16E	50	8N	55	18E	612134	25110	191	31	40	36	ND	ND	ND	2.830
72	9	42	44.668	2225	49	32.43N	55	8.35E	49	59N	55	15E	611957	25111	191	29	40	44	ND	ND	ND	2.824
73	9	42	46.889	2220	49	23.44N	55	5.55E	49	50N	55	12E	611780	25111	191	28	40	53	ND	ND	ND	2.830
74	9	42	49.113	2225	49	14.44N	55	2.76E	49	41N	55	9E	611603	25111	191	27	41	2	ND	ND	ND	2.824
75	9	42	51.334	2221	49	5.45N	54	59.98E	49	32N	55	7E	611429	25112	191	26	41	11	ND	ND	ND	2.829
76	9	42	53.559	2224	48	56.45N	54	57.22E	49	23N	55	4E	611255	25112	191	24	41	19	ND	ND	ND	2.825
77	9	42	55.777	2219	48	47.46N	54	54.47E	49	14N	55	1E	611082	25113	191	23	41	28	ND	ND	ND	2.832
78	9	42	58.001	2224	48	38.46N	54	51.74E	49	5N	54	58E	610909	25113	191	22	41	37	ND	ND	ND	2.825
79	9	43	0.224	2222	48	29.46N	54	49.01E	48	56N	54	55E	610738	25114	191	21	41	46	ND	ND	ND	2.828
80	9	43	2.441	2218	48	20.48N	54	46.31E	48	47N	54	53E	610567	25114	191	19	41	54	ND	ND	ND	2.833
81	9	43	4.663	2222	48	11.48N	54	43.61E	48	38N	54	50E	610398	25114	191	18	42	3	ND	ND	ND	2.828
82	9	43	6.884	2220	48	2.49N	54	40.93E	48	29N	54	47E	610229	25115	191	17	42	12	ND	ND	ND	2.830
83	9	43	9.104	2221	47	53.49N	54	38.26E	48	20N	54	44E	610062	25115	191	16	42	20	ND	ND	ND	2.829
84	9	43	11.328	2224	47	44.48N	54	35.60E	48	11N	54	42E	609894	25116	191	15	42	29	ND	ND	ND	2.825
85	9	43	13.543	2215	47	35.51N	54	32.96E	48	2N	54	39E	609729	25116	191	14	42	38	ND	ND	ND	2.837
86	9	43	15.765	2221	47	26.50N	54	30.32E	47	53N	54	36E	609564	25116	191	13	42	47	ND	ND	ND	2.829
87	9	43	17.988	2224	47	17.49N	54	27.70E	47	44N	54	34E	609399	25117	191	11	42	55	ND	ND	ND	2.825
88	9	43	20.203	2215	47	8.51N	54	25.09E	47	35N	54	31E	609236	25117	191	10	43	4	ND	ND	ND	2.837
89	9	43	22.424	2220	46	59.51N	54	22.49E	47	26N	54	29E	609075	25118	191	9	43	13	ND	ND	ND	2.830
90	9	43	24.644	2220	46	50.51N	54	19.90E	47	17N	54	26E	608913	25118	191	8	43	21	ND	ND	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	9	43	26.863	2220	46	41.51N	54	17.33E	47	8N	54	23E	608754	25118	191	7	43	30	ND		ND		ND		2.830
92	9	43	29.083	2220	46	32.51N	54	14.76E	46	59N	54	21E	608594	25119	191	6	43	39	ND		ND		ND		2.830
93	9	43	31.304	2220	46	23.51N	54	12.21E	46	50N	54	18E	608435	25119	191	5	43	48	ND		ND		ND		2.830
94	9	43	33.523	2220	46	14.50N	54	9.66E	46	41N	54	16E	608278	25119	191	4	43	56	ND		ND		ND		2.830
95	9	43	35.739	2216	46	5.52N	54	7.14E	46	32N	54	13E	608122	25120	191	3	44	5	ND		ND		ND		2.835
96	9	43	37.958	2219	45	56.52N	54	4.62E	46	23N	54	10E	607967	25120	191	2	44	14	ND		ND		ND		2.832
97	9	43	40.174	2215	45	47.53N	54	2.11E	46	14N	54	8E	607813	25121	191	1	44	22	ND		ND		ND		2.837
98	9	43	42.394	2220	45	38.52N	53	59.61E	46	5N	54	5E	607659	25121	191	0	44	31	ND		ND		ND		2.830
99	9	43	44.613	2220	45	29.51N	53	57.12E	45	56N	54	3E	607507	25121	190	59	44	40	ND		ND		ND		2.830
100	9	43	46.828	2215	45	20.52N	53	54.64E	45	47N	54	0E	607355	25122	190	58	44	48	ND		ND		ND		2.837
101	9	43	49.043	2215	45	11.54N	53	52.18E	45	38N	53	58E	607205	25122	190	57	44	57	ND		ND		ND		2.837
102	9	43	51.259	2215	45	2.54N	53	49.72E	45	29N	53	55E	607055	25122	190	56	45	6	ND		ND		ND		2.837
103	9	43	53.479	2220	44	53.53N	53	47.27E	45	20N	53	53E	606907	25123	190	55	45	14	ND		ND		ND		2.830
104	9	43	55.693	2215	44	44.54N	53	44.84E	45	11N	53	50E	606760	25123	190	54	45	23	ND		ND		ND		2.837
105	9	43	57.908	2215	44	35.55N	53	42.41E	45	2N	53	48E	606614	25123	190	53	45	32	ND		ND		ND		2.837
106	9	44	0.123	2215	44	26.55N	53	40.00E	44	53N	53	45E	606468	25124	190	52	45	40	ND		ND		ND		2.837
107	9	44	2.344	2220	44	17.54N	53	37.58E	44	44N	53	43E	606324	25124	190	51	45	49	ND		ND		ND		2.830
108	9	44	4.555	2211	44	8.56N	53	35.19E	44	35N	53	41E	606180	25125	190	51	45	58	ND		ND		ND		2.842
109	9	44	6.770	2215	43	59.56N	53	32.80E	44	26N	53	38E	606039	25125	190	50	46	6	ND		ND		ND		2.837
110	9	44	8.983	2214	43	50.57N	53	30.43E	44	17N	53	36E	605897	25125	190	49	46	15	ND		ND		ND		2.838
111	9	44	11.203	2220	43	41.55N	53	28.05E	44	8N	53	33E	605757	25126	190	48	46	24	ND		ND		ND		2.830
112	9	44	13.418	2215	43	32.55N	53	25.69E	43	59N	53	31E	605618	25126	190	47	46	32	ND		ND		ND		2.837
113	9	44	15.634	2215	43	23.55N	53	23.34E	43	50N	53	29E	605479	25126	190	46	46	41	ND		ND		ND		2.837
114	9	44	17.849	2215	43	14.55N	53	21.00E	43	41N	53	26E	605343	25127	190	45	46	50	ND		ND		ND		2.837
115	9	44	20.063	2215	43	5.55N	53	18.66E	43	32N	53	24E	605206	25127	190	44	46	58	ND		ND		ND		2.837
116	9	44	22.283	2220	42	56.53N	53	16.33E	43	23N	53	22E	605072	25127	190	44	47	7	ND		ND		ND		2.830
117	9	44	24.494	2211	42	47.54N	53	14.02E	43	14N	53	19E	604938	25128	190	43	47	15	ND		ND		ND		2.842
118	9	44	26.708	2214	42	38.55N	53	11.71E	43	5N	53	17E	604805	25128	190	42	47	24	ND		ND		ND		2.838
119	9	44	28.925	2216	42	29.53N	53	9.41E	42	56N	53	15E	604673	25128	190	41	47	33	ND		ND		ND		2.835
120	9	44	31.139	2214	42	20.53N	53	7.12E	42	47N	53	12E	604542	25129	190	40	47	41	ND		ND		ND		2.838
121	9	44	33.354	2215	42	11.53N	53	4.83E	42	38N	53	10E	604413	25129	190	40	47	50	ND		ND		ND		2.837
122	9	44	35.568	2215	42	2.52N	53	2.56E	42	29N	53	8E	604284	25129	190	39	47	58	ND		ND		ND		2.837
123	9	44	37.783	2215	41	53.52N	53	0.29E	42	20N	53	5E	604157	25129	190	38	48	7	ND		ND		ND		2.837
124	9	44	39.999	2216	41	44.51N	52	58.03E	42	11N	53	3E	604030	25130	190	37	48	16	ND		ND		ND		2.835
125	9	44	42.214	2214	41	35.50N	52	55.78E	42	2N	53	1E	603905	25130	190	37	48	24	ND		ND		ND		2.838
126	9	44	44.429	2215	41	26.49N	52	53.54E	41	53N	52	58E	603781	25130	190	36	48	33	ND		ND		ND		2.837
127	9	44	46.644	2215	41	17.48N	52	51.30E	41	44N	52	56E	603658	25131	190	35	48	42	ND		ND		ND		2.837
128	9	44	48.858	2215	41	8.47N	52	49.07E	41	35N	52	54E	603536	25131	190	34	48	50	ND		ND		ND		2.837
129	9	44	51.073	2215	40	59.46N	52	46.85E	41	26N	52	52E	603415	25131	190	34	48	59	ND		ND		ND		2.837
130	9	44	53.283	2210	40	50.47N	52	44.64E	41	17N	52	49E	603296	25132	190	33	49	7	ND		ND		ND		2.843
131	9	44	55.498	2215	40	41.46N	52	42.44E	41	8N	52	47E	603176	25132	190	32	49	16	ND		ND		ND		2.837
132	9	44	57.714	2215	40	32.44N	52	40.24E	40	59N	52	45E	603059	25132	190	31	49	25	ND		ND		ND		2.837
133	9	44	59.924	2210	40	23.45N	52	38.05E	40	50N	52	43E	602942	25132	190	31	49	33	ND		ND		ND		2.843
134	9	45	2.139	2215	40	14.43N	52	35.87E	40	41N	52	41E	602827	25133	190	30	49	42	ND		ND		ND		2.837
135	9	45	4.349	2210	40	5.44N	52	33.70E	40	32N	52	38E	602713	25133	190	29	49	50	ND		ND		ND		2.843

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	9	45	6.563	2215	39	56.42N	52	31.53E	40	23N	52	36E	602600	25133	190	29	49	59	ND		ND		ND		2.837
137	9	45	8.778	2215	39	47.41N	52	29.37E	40	14N	52	34E	602488	25134	190	28	50	7	ND		ND		ND		2.837
138	9	45	10.993	2215	39	38.39N	52	27.21E	40	5N	52	32E	602377	25134	190	27	50	16	ND		ND		ND		2.837
139	9	45	13.203	2210	39	29.39N	52	25.07E	39	56N	52	30E	602267	25134	190	27	50	24	ND		ND		ND		2.843
140	9	45	15.418	2215	39	20.37N	52	22.93E	39	47N	52	28E	602159	25134	190	26	50	33	ND		ND		ND		2.837
141	9	45	17.634	2215	39	11.35N	52	20.79E	39	38N	52	25E	602052	25135	190	25	50	42	ND		ND		ND		2.837
142	9	45	19.849	2215	39	2.33N	52	18.66E	39	29N	52	23E	601945	25135	190	25	50	50	ND		ND		ND		2.837
143	9	45	22.060	2211	38	53.33N	52	16.54E	39	20N	52	21E	601840	25135	190	24	50	59	ND		ND		ND		2.842
144	9	45	24.273	2214	38	44.31N	52	14.43E	39	11N	52	19E	601737	25135	190	23	51	7	ND		ND		ND		2.838
145	9	45	26.488	2215	38	35.29N	52	12.32E	39	2N	52	17E	601634	25136	190	23	51	16	ND		ND		ND		2.837
146	9	45	28.703	2215	38	26.27N	52	10.22E	38	53N	52	15E	601532	25136	190	22	51	24	ND		ND		ND		2.837
147	9	45	30.913	2210	38	17.27N	52	8.13E	38	44N	52	13E	601432	25136	190	22	51	33	ND		ND		ND		2.843
148	9	45	33.128	2215	38	8.24N	52	6.04E	38	35N	52	11E	601332	25136	190	21	51	41	ND		ND		ND		2.837
149	9	45	35.340	2211	37	59.23N	52	3.96E	38	26N	52	8E	601235	25137	190	20	51	50	ND		ND		ND		2.842
150	9	45	37.554	2214	37	50.21N	52	1.88E	38	17N	52	6E	601138	25137	190	20	51	58	ND		ND		ND		2.838
151	9	45	39.769	2215	37	41.19N	51	59.81E	38	7N	52	4E	601042	25137	190	19	52	7	ND		ND		ND		2.837

Approved For Release 2001/06/05 : CIA-RDP78T05439A000300010003-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	11	6	57.014	0	68	17.92N	42	17.35E	68	45N	42	39E	639545	25045	197	37	22	10	ND	ND	ND	1.913
2	11	7	0.299	3285	68	5.06N	42	6.41E	68	32N	42	27E	639177	25046	197	28	22	23	ND	ND	ND	1.913
3	11	7	2.938	2640	67	54.72N	41	57.76E	68	22N	42	18E	638881	25046	197	21	22	34	ND	ND	ND	2.380
4	11	7	5.408	2470	67	45.03N	41	49.77E	68	12N	42	10E	638604	25047	197	15	22	43	ND	ND	ND	2.544
5	11	7	7.800	2391	67	35.65N	41	42.13E	68	3N	42	2E	638337	25048	197	9	22	53	ND	ND	ND	2.628
6	11	7	10.158	2359	67	26.39N	41	34.69E	67	54N	41	55E	638073	25048	197	3	23	2	ND	ND	ND	2.663
7	11	7	12.498	2340	67	17.20N	41	27.39E	67	44N	41	47E	637812	25049	196	58	23	12	ND	ND	ND	2.685
8	11	7	14.828	2330	67	8.05N	41	20.21E	67	35N	41	40E	637553	25049	196	52	23	21	ND	ND	ND	2.697
9	11	7	17.144	2315	66	58.94N	41	13.15E	67	26N	41	32E	637295	25050	196	47	23	30	ND	ND	ND	2.714
10	11	7	19.458	2315	66	49.84N	41	6.18E	67	17N	41	25E	637038	25051	196	41	23	39	ND	ND	ND	2.714
11	11	7	21.769	2310	66	40.74N	40	59.30E	67	8N	41	18E	636782	25051	196	36	23	48	ND	ND	ND	2.720
12	11	7	24.078	2310	66	31.65N	40	52.49E	66	59N	41	11E	636527	25052	196	31	23	58	ND	ND	ND	2.720
13	11	7	26.384	2305	66	22.56N	40	45.78E	66	50N	41	4E	636272	25052	196	26	24	7	ND	ND	ND	2.726
14	11	7	28.684	2300	66	13.50N	40	39.15E	66	41N	40	57E	636018	25053	196	21	24	16	ND	ND	ND	2.732
15	11	7	30.988	2305	66	4.41N	40	32.58E	66	32N	40	50E	635764	25054	196	16	24	25	ND	ND	ND	2.726
16	11	7	33.283	2295	65	55.35N	40	26.11E	66	23N	40	44E	635511	25054	196	11	24	34	ND	ND	ND	2.738
17	11	7	35.578	2295	65	46.30N	40	19.71E	66	13N	40	37E	635259	25055	196	6	24	43	ND	ND	ND	2.738
18	11	7	37.873	2295	65	37.23N	40	13.37E	66	4N	40	30E	635008	25055	196	2	24	52	ND	ND	ND	2.738
19	11	7	40.163	2290	65	28.19N	40	7.12E	65	55N	40	24E	634757	25056	195	57	25	1	ND	ND	ND	2.744
20	11	7	42.453	2290	65	19.14N	40	0.93E	65	46N	40	18E	634507	25057	195	52	25	11	ND	ND	ND	2.744
21	11	7	44.743	2290	65	10.08N	39	54.81E	65	37N	40	11E	634256	25057	195	48	25	20	ND	ND	ND	2.744
22	11	7	47.028	2285	65	1.04N	39	48.76E	65	28N	40	5E	634008	25058	195	43	25	29	ND	ND	ND	2.750
23	11	7	49.310	2281	64	52.01N	39	42.78E	65	19N	39	59E	633759	25058	195	39	25	38	ND	ND	ND	2.755
24	11	7	51.595	2285	64	42.97N	39	36.85E	65	10N	39	53E	633512	25059	195	35	25	47	ND	ND	ND	2.750
25	11	7	53.878	2284	64	33.93N	39	30.98E	65	1N	39	47E	633264	25060	195	30	25	56	ND	ND	ND	2.751
26	11	7	56.153	2275	64	24.91N	39	25.20E	64	52N	39	41E	633018	25060	195	26	26	5	ND	ND	ND	2.762
27	11	7	58.434	2280	64	15.87N	39	19.45E	64	43N	39	35E	632772	25061	195	22	26	14	ND	ND	ND	2.756
28	11	8	0.708	2275	64	6.86N	39	13.78E	64	34N	39	29E	632527	25061	195	18	26	23	ND	ND	ND	2.762
29	11	8	2.983	2275	63	57.83N	39	8.16E	64	25N	39	23E	632282	25062	195	14	26	32	ND	ND	ND	2.762
30	11	8	5.259	2275	63	48.80N	39	2.60E	64	16N	39	17E	632038	25062	195	10	26	41	ND	ND	ND	2.762
31	11	8	7.524	2266	63	39.81N	38	57.11E	64	7N	39	12E	631796	25063	195	6	26	50	ND	ND	ND	2.773
32	11	8	9.799	2274	63	30.78N	38	51.65E	63	58N	39	6E	631552	25064	195	2	26	59	ND	ND	ND	2.763
33	11	8	12.068	2270	63	21.76N	38	46.25E	63	49N	39	1E	631310	25064	194	58	27	8	ND	ND	ND	2.768
34	11	8	14.338	2270	63	12.75N	38	40.91E	63	40N	38	55E	631068	25065	194	55	27	17	ND	ND	ND	2.768
35	11	8	16.604	2265	63	3.74N	38	35.62E	63	31N	38	50E	630827	25065	194	51	27	26	ND	ND	ND	2.774
36	11	8	18.868	2265	62	54.74N	38	30.38E	63	22N	38	44E	630587	25066	194	47	27	35	ND	ND	ND	2.774
37	11	8	21.134	2265	62	45.73N	38	25.19E	63	13N	38	39E	630346	25066	194	44	27	44	ND	ND	ND	2.774
38	11	8	23.398	2265	62	36.72N	38	20.05E	63	4N	38	34E	630108	25067	194	40	27	53	ND	ND	ND	2.774
39	11	8	25.658	2260	62	27.72N	38	14.96E	62	55N	38	28E	629869	25068	194	37	28	2	ND	ND	ND	2.780
40	11	8	27.918	2260	62	18.73N	38	9.92E	62	46N	38	23E	629631	25068	194	33	28	11	ND	ND	ND	2.780
41	11	8	30.179	2260	62	9.73N	38	4.92E	62	37N	38	18E	629393	25069	194	30	28	20	ND	ND	ND	2.780
42	11	8	32.435	2256	62	0.74N	37	59.98E	62	28N	38	13E	629156	25069	194	26	28	29	ND	ND	ND	2.785
43	11	8	34.693	2259	61	51.74N	37	55.07E	62	19N	38	8E	628921	25070	194	23	28	38	ND	ND	ND	2.781
44	11	8	36.953	2260	61	42.73N	37	50.20E	62	10N	38	3E	628686	25070	194	20	28	47	ND	ND	ND	2.780
45	11	8	39.208	2255	61	33.74N	37	45.38E	62	1N	37	58E	628450	25071	194	16	28	56	ND	ND	ND	2.786

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	CAMERA NADIR LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	FORMAT CENTER LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	11	8	41.463	2255	61	24.75N	37	40.61E	61	52N	37	53E	628215	25071	194	13	29	5	ND	ND	ND	2.786
47	11	8	43.719	2255	61	15.75N	37	35.87E	61	43N	37	48E	627982	25072	194	10	29	14	ND	ND	ND	2.786
48	11	8	45.969	2250	61	6.77N	37	31.18E	61	34N	37	44E	627750	25073	194	7	29	22	ND	ND	ND	2.793
49	11	8	48.224	2255	60	57.78N	37	26.52E	61	25N	37	39E	627517	25073	194	4	29	31	ND	ND	ND	2.786
50	11	8	50.469	2245	60	48.81N	37	21.92E	61	16N	37	34E	627285	25074	194	1	29	40	ND	ND	ND	2.799
51	11	8	52.719	2250	60	39.83N	37	17.35E	61	7N	37	29E	627054	25074	193	58	29	49	ND	ND	ND	2.793
52	11	8	54.969	2250	60	30.84N	37	12.82E	60	58N	37	25E	626824	25075	193	55	29	58	ND	ND	ND	2.793
53	11	8	57.213	2245	60	21.87N	37	8.33E	60	49N	37	20E	626595	25075	193	52	30	7	ND	ND	ND	2.799
54	11	8	59.458	2245	60	12.90N	37	3.88E	60	40N	37	16E	626366	25076	193	49	30	16	ND	ND	ND	2.799
55	11	9	1.704	2246	60	3.92N	36	59.46E	60	31N	37	11E	626137	25076	193	46	30	25	ND	ND	ND	2.798
56	11	9	3.953	2249	59	54.93N	36	55.07E	60	22N	37	6E	625909	25077	193	43	30	34	ND	ND	ND	2.794
57	11	9	6.198	2245	59	45.95N	36	50.72E	60	13N	37	2E	625682	25078	193	41	30	43	ND	ND	ND	2.799
58	11	9	8.439	2241	59	36.98N	36	46.41E	60	4N	36	58E	625456	25078	193	38	30	51	ND	ND	ND	2.804
59	11	9	10.684	2244	59	28.01N	36	42.13E	59	55N	36	53E	625230	25079	193	35	31	0	ND	ND	ND	2.800
60	11	9	12.925	2241	59	19.04N	36	37.89E	59	46N	36	49E	625004	25079	193	32	31	9	ND	ND	ND	2.804
61	11	9	15.168	2244	59	10.06N	36	33.67E	59	37N	36	45E	624779	25080	193	30	31	18	ND	ND	ND	2.800
62	11	9	17.408	2240	59	1.09N	36	29.50E	59	28N	36	40E	624555	25080	193	27	31	27	ND	ND	ND	2.805
63	11	9	19.648	2240	58	52.11N	36	25.35E	59	19N	36	36E	624332	25081	193	25	31	36	ND	ND	ND	2.805
64	11	9	21.889	2240	58	43.14N	36	21.24E	59	10N	36	32E	624109	25081	193	22	31	45	ND	ND	ND	2.805
65	11	9	24.128	2240	58	34.17N	36	17.15E	59	1N	36	28E	623888	25082	193	19	31	54	ND	ND	ND	2.805
66	11	9	26.363	2235	58	25.21N	36	13.11E	58	52N	36	24E	623666	25082	193	17	32	2	ND	ND	ND	2.811
67	11	9	28.604	2240	58	16.23N	36	9.08E	58	43N	36	19E	623445	25083	193	14	32	11	ND	ND	ND	2.805
68	11	9	30.838	2235	58	7.27N	36	5.10E	58	34N	36	15E	623226	25083	193	12	32	20	ND	ND	ND	2.811
69	11	9	33.078	2240	57	58.29N	36	1.13E	58	25N	36	11E	623006	25084	193	10	32	29	ND	ND	ND	2.805
70	11	9	35.313	2235	57	49.32N	35	57.20E	58	16N	36	7E	622787	25084	193	7	32	38	ND	ND	ND	2.811
71	11	9	37.549	2235	57	40.35N	35	53.30E	58	7N	36	3E	622570	25085	193	5	32	47	ND	ND	ND	2.811
72	11	9	39.783	2235	57	31.39N	35	49.42E	57	58N	35	59E	622353	25085	193	3	32	56	ND	ND	ND	2.811
73	11	9	42.019	2235	57	22.42N	35	45.57E	57	49N	35	55E	622136	25086	193	0	33	4	ND	ND	ND	2.811
74	11	9	44.253	2235	57	13.45N	35	41.75E	57	40N	35	51E	621919	25086	192	58	33	13	ND	ND	ND	2.811
75	11	9	46.488	2235	57	4.47N	35	37.95E	57	31N	35	48E	621704	25087	192	56	33	22	ND	ND	ND	2.811
76	11	9	48.724	2235	56	55.49N	35	34.18E	57	22N	35	44E	621489	25087	192	53	33	31	ND	ND	ND	2.811
77	11	9	50.953	2230	56	46.54N	35	30.45E	57	13N	35	40E	621275	25088	192	51	33	40	ND	ND	ND	2.818
78	11	9	53.182	2228	56	37.59N	35	26.74E	57	5N	35	36E	621063	25089	192	49	33	49	ND	ND	ND	2.820
79	11	9	55.418	2237	56	28.60N	35	23.04E	56	56N	35	32E	620850	25089	192	47	33	57	ND	ND	ND	2.809
80	11	9	57.648	2230	56	19.64N	35	19.38E	56	47N	35	29E	620639	25090	192	45	34	6	ND	ND	ND	2.818
81	11	9	59.879	2231	56	10.67N	35	15.74E	56	38N	35	25E	620427	25090	192	43	34	15	ND	ND	ND	2.816
82	11	10	2.108	2229	56	1.71N	35	12.13E	56	29N	35	21E	620217	25091	192	41	34	24	ND	ND	ND	2.819
83	11	10	4.344	2235	55	52.72N	35	8.53E	56	20N	35	18E	620008	25091	192	39	34	33	ND	ND	ND	2.811
84	11	10	6.573	2230	55	43.75N	35	4.97E	56	11N	35	14E	619799	25092	192	37	34	42	ND	ND	ND	2.818
85	11	10	8.804	2230	55	34.78N	35	1.42E	56	2N	35	10E	619590	25092	192	35	34	50	ND	ND	ND	2.818
86	11	10	11.033	2230	55	25.81N	34	57.90E	55	53N	35	7E	619382	25093	192	33	34	59	ND	ND	ND	2.818
87	11	10	13.262	2228	55	16.84N	34	54.40E	55	44N	35	3E	619176	25093	192	31	35	8	ND	ND	ND	2.820
88	11	10	15.493	2232	55	7.86N	34	50.92E	55	35N	35	0E	618969	25094	192	29	35	17	ND	ND	ND	2.815
89	11	10	17.719	2225	54	58.91N	34	47.47E	55	26N	34	56E	618765	25094	192	27	35	26	ND	ND	ND	2.824
90	11	10	19.944	2226	54	49.95N	34	44.05E	55	17N	34	53E	618560	25094	192	25	35	34	ND	ND	ND	2.823

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	11	10	22.174	2229	54	40.97N	34	40.63E	55	8N	34	49E	618356	25095	192	23	35	43	ND		ND		ND		2.819
92	11	10	24.403	2230	54	31.99N	34	37.24E	54	59N	34	46E	618152	25095	192	21	35	52	ND		ND		ND		2.818
93	11	10	26.628	2225	54	23.03N	34	33.88E	54	50N	34	42E	617951	25096	192	19	36	1	ND		ND		ND		2.824
94	11	10	28.854	2225	54	14.06N	34	30.53E	54	41N	34	39E	617748	25096	192	18	36	10	ND		ND		ND		2.824
95	11	10	31.083	2230	54	5.08N	34	27.20E	54	32N	34	35E	617548	25097	192	16	36	18	ND		ND		ND		2.818
96	11	10	33.309	2225	53	56.11N	34	23.90E	54	23N	34	32E	617348	25097	192	14	36	27	ND		ND		ND		2.824
97	11	10	35.533	2225	53	47.15N	34	20.61E	54	14N	34	29E	617148	25098	192	12	36	36	ND		ND		ND		2.824
98	11	10	37.759	2225	53	38.17N	34	17.35E	54	5N	34	25E	616950	25098	192	10	36	45	ND		ND		ND		2.824
99	11	10	39.983	2225	53	29.21N	34	14.10E	53	56N	34	22E	616752	25099	192	9	36	54	ND		ND		ND		2.824
100	11	10	42.209	2226	53	20.23N	34	10.87E	53	47N	34	19E	616555	25099	192	7	37	2	ND		ND		ND		2.823
101	11	10	44.435	2225	53	11.26N	34	7.66E	53	38N	34	16E	616358	25100	192	5	37	11	ND		ND		ND		2.824
102	11	10	46.658	2224	53	2.29N	34	4.47E	53	29N	34	12E	616163	25100	192	4	37	20	ND		ND		ND		2.825
103	11	10	48.884	2225	52	53.31N	34	1.30E	53	20N	34	9E	615968	25101	192	2	37	29	ND		ND		ND		2.824
104	11	10	51.108	2225	52	44.33N	33	58.14E	53	11N	34	6E	615774	25101	192	0	37	37	ND		ND		ND		2.824
105	11	10	53.333	2225	52	35.36N	33	55.01E	53	2N	34	3E	615581	25102	191	59	37	46	ND		ND		ND		2.824
106	11	10	55.554	2220	52	26.40N	33	51.89E	52	53N	33	59E	615389	25102	191	57	37	55	ND		ND		ND		2.830
107	11	10	57.778	2225	52	17.42N	33	48.79E	52	44N	33	56E	615198	25103	191	56	38	4	ND		ND		ND		2.824
108	11	11	0.003	2225	52	8.44N	33	45.71E	52	35N	33	53E	615007	25103	191	54	38	12	ND		ND		ND		2.824
109	11	11	2.224	2220	51	59.47N	33	42.64E	52	26N	33	50E	614817	25103	191	53	38	21	ND		ND		ND		2.830
110	11	11	4.448	2225	51	50.49N	33	39.59E	52	17N	33	47E	614628	25104	191	51	38	30	ND		ND		ND		2.824
111	11	11	6.668	2220	51	41.52N	33	36.56E	52	8N	33	44E	614439	25104	191	50	38	39	ND		ND		ND		2.830
112	11	11	8.894	2225	51	32.53N	33	33.54E	51	59N	33	41E	614252	25105	191	48	38	48	ND		ND		ND		2.824
113	11	11	11.113	2220	51	23.57N	33	30.55E	51	50N	33	38E	614065	25105	191	47	38	56	ND		ND		ND		2.830
114	11	11	13.333	2220	51	14.60N	33	27.57E	51	41N	33	35E	613879	25106	191	45	39	5	ND		ND		ND		2.830
115	11	11	15.555	2221	51	5.62N	33	24.60E	51	32N	33	32E	613694	25106	191	44	39	14	ND		ND		ND		2.829
116	11	11	17.778	2224	50	56.63N	33	21.65E	51	23N	33	29E	613510	25107	191	42	39	23	ND		ND		ND		2.825
117	11	11	20.000	2222	50	47.65N	33	18.71E	51	14N	33	26E	613327	25107	191	41	39	31	ND		ND		ND		2.828
118	11	11	22.222	2221	50	38.67N	33	15.79E	51	5N	33	23E	613144	25107	191	39	39	40	ND		ND		ND		2.829
119	11	11	24.443	2222	50	29.69N	33	12.88E	50	56N	33	20E	612963	25108	191	38	39	49	ND		ND		ND		2.828
120	11	11	26.663	2220	50	20.72N	33	9.99E	50	47N	33	17E	612782	25108	191	37	39	58	ND		ND		ND		2.830
121	11	11	28.882	2218	50	11.74N	33	7.12E	50	38N	33	14E	612602	25109	191	35	40	6	ND		ND		ND		2.833
122	11	11	31.104	2223	50	2.76N	33	4.25E	50	29N	33	11E	612423	25109	191	34	40	15	ND		ND		ND		2.826
123	11	11	33.323	2219	49	53.78N	33	1.41E	50	20N	33	8E	612245	25110	191	33	40	24	ND		ND		ND		2.832
124	11	11	35.543	2220	49	44.80N	32	58.58E	50	11N	33	5E	612067	25110	191	31	40	32	ND		ND		ND		2.830
125	11	11	37.769	2225	49	35.80N	32	55.75E	50	2N	33	2E	611890	25111	191	30	40	41	ND		ND		ND		2.824
126	11	11	39.983	2215	49	26.84N	32	52.95E	49	53N	33	0E	611715	25111	191	29	40	50	ND		ND		ND		2.837
127	11	11	42.203	2220	49	17.85N	32	50.16E	49	45N	32	57E	611540	25111	191	27	40	59	ND		ND		ND		2.830
128	11	11	44.424	2220	49	8.86N	32	47.39E	49	36N	32	54E	611365	25112	191	26	41	7	ND		ND		ND		2.830
129	11	11	46.644	2220	48	59.88N	32	44.62E	49	27N	32	51E	611193	25112	191	25	41	16	ND		ND		ND		2.830
130	11	11	48.863	2220	48	50.89N	32	41.87E	49	18N	32	48E	611021	25113	191	24	41	25	ND		ND		ND		2.830
131	11	11	51.078	2215	48	41.93N	32	39.14E	49	9N	32	46E	610850	25113	191	22	41	34	ND		ND		ND		2.837
132	11	11	53.299	2220	48	32.94N	32	36.41E	49	0N	32	43E	610680	25113	191	21	41	42	ND		ND		ND		2.830
133	11	11	55.519	2220	48	23.95N	32	33.70E	48	51N	32	40E	610510	25114	191	20	41	51	ND		ND		ND		2.830
134	11	11	57.738	2220	48	14.96N	32	31.00E	48	42N	32	37E	610342	25114	191	19	42	0	ND		ND		ND		2.830
135	11	11	59.948	2210	48	6.01N	32	28.33E	48	33N	32	35E	610175	25115	191	18	42	8	ND		ND		ND		2.843

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	11	12	2.174	2225	47	56.99N	32	25.64E	48	24N	32	32E	610008	25115	191	17	42	17	ND		ND		ND		2.824
137	11	12	4.394	2220	47	48.00N	32	22.98E	48	15N	32	29E	609842	25115	191	15	42	26	ND		ND		ND		2.830
138	11	12	6.608	2215	47	39.02N	32	20.34E	48	6N	32	27E	609677	25116	191	14	42	35	ND		ND		ND		2.837
139	11	12	8.828	2220	47	30.03N	32	17.70E	47	57N	32	24E	609514	25116	191	13	42	43	ND		ND		ND		2.830
140	11	12	11.049	2220	47	21.03N	32	15.07E	47	48N	32	21E	609350	25117	191	12	42	52	ND		ND		ND		2.830
141	11	12	13.262	2213	47	12.06N	32	12.46E	47	39N	32	19E	609189	25117	191	11	43	1	ND		ND		ND		2.839
142	11	12	15.479	2217	47	3.07N	32	9.86E	47	30N	32	16E	609028	25117	191	10	43	9	ND		ND		ND		2.834
143	11	12	17.698	2220	46	54.07N	32	7.27E	47	21N	32	13E	608867	25118	191	9	43	18	ND		ND		ND		2.830
144	11	12	19.913	2215	46	45.10N	32	4.69E	47	12N	32	11E	608708	25118	191	8	43	27	ND		ND		ND		2.837
145	11	12	22.128	2215	46	36.11N	32	2.13E	47	3N	32	8E	608550	25119	191	7	43	35	ND		ND		ND		2.837
146	11	12	24.345	2216	46	27.13N	31	59.58E	46	54N	32	5E	608393	25119	191	6	43	44	ND		ND		ND		2.835
147	11	12	26.563	2219	46	18.13N	31	57.03E	46	45N	32	3E	608237	25119	191	4	43	53	ND		ND		ND		2.832
148	11	12	28.783	2220	46	9.12N	31	54.49E	46	36N	32	0E	608081	25120	191	3	44	2	ND		ND		ND		2.830
149	11	12	30.998	2215	46	0.14N	31	51.97E	46	27N	31	58E	607926	25120	191	2	44	10	ND		ND		ND		2.837
150	11	12	33.213	2215	45	51.15N	31	49.46E	46	18N	31	55E	607773	25120	191	1	44	19	ND		ND		ND		2.837
151	11	12	35.429	2215	45	42.16N	31	46.96E	46	9N	31	53E	607621	25121	191	0	44	28	ND		ND		ND		2.837
152	11	12	37.648	2220	45	33.16N	31	44.46E	46	0N	31	50E	607469	25121	190	59	44	36	ND		ND		ND		2.830
153	11	12	39.863	2215	45	24.17N	31	41.99E	45	51N	31	48E	607319	25122	190	58	44	45	ND		ND		ND		2.837
154	11	12	42.078	2215	45	15.18N	31	39.52E	45	42N	31	45E	607169	25122	190	58	44	54	ND		ND		ND		2.837
155	11	12	44.294	2216	45	6.19N	31	37.06E	45	33N	31	43E	607021	25122	190	57	45	2	ND		ND		ND		2.835
156	11	12	46.514	2219	44	57.18N	31	34.60E	45	24N	31	40E	606873	25123	190	56	45	11	ND		ND		ND		2.832
157	11	12	48.729	2215	44	48.19N	31	32.16E	45	15N	31	38E	606727	25123	190	55	45	20	ND		ND		ND		2.837
158	11	12	50.940	2212	44	39.21N	31	29.73E	45	6N	31	35E	606581	25123	190	54	45	28	ND		ND		ND		2.840
159	11	12	53.158	2218	44	30.20N	31	27.31E	44	57N	31	33E	606437	25124	190	53	45	37	ND		ND		ND		2.833
160	11	12	55.373	2215	44	21.21N	31	24.90E	44	48N	31	30E	606294	25124	190	52	45	45	ND		ND		ND		2.837
161	11	12	57.588	2215	44	12.21N	31	22.50E	44	39N	31	28E	606151	25124	190	51	45	54	ND		ND		ND		2.837
162	11	12	59.804	2215	44	3.21N	31	20.11E	44	30N	31	25E	606009	25125	190	50	46	3	ND		ND		ND		2.837
163	11	13	2.017	2213	43	54.23N	31	17.73E	44	21N	31	23E	605870	25125	190	49	46	11	ND		ND		ND		2.839
164	11	13	4.236	2220	43	45.21N	31	15.35E	44	12N	31	21E	605730	25125	190	48	46	20	ND		ND		ND		2.830
165	11	13	6.448	2212	43	36.22N	31	12.99E	44	3N	31	18E	605591	25126	190	47	46	29	ND		ND		ND		2.840
166	11	13	8.661	2213	43	27.23N	31	10.63E	43	54N	31	16E	605454	25126	190	47	46	37	ND		ND		ND		2.839
167	11	13	10.878	2217	43	18.23N	31	8.28E	43	45N	31	14E	605318	25126	190	46	46	46	ND		ND		ND		2.834
168	11	13	13.094	2215	43	9.22N	31	5.94E	43	36N	31	11E	605182	25127	190	45	46	55	ND		ND		ND		2.837
169	11	13	15.309	2215	43	0.22N	31	3.62E	43	27N	31	9E	605048	25127	190	44	47	3	ND		ND		ND		2.837
170	11	13	17.520	2211	42	51.24N	31	1.30E	43	18N	31	6E	604915	25127	190	43	47	12	ND		ND		ND		2.842
171	11	13	19.733	2214	42	42.24N	30	58.99E	43	9N	31	4E	604784	25128	190	42	47	21	ND		ND		ND		2.838

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	12	39	8.269	0	55	11.83N	12	38.84E	55	39N	12	48E	618880	25094	192	30	35	13	ND	ND	ND	1.981
2	12	39	11.439	3171	54	59.06N	12	33.92E	55	26N	12	43E	618589	25094	192	27	35	26	ND	ND	ND	1.981
3	12	39	13.988	2549	54	48.80N	12	29.99E	55	16N	12	39E	618356	25095	192	25	35	36	ND	ND	ND	2.465
4	12	39	16.358	2370	54	39.26N	12	26.37E	55	6N	12	35E	618141	25095	192	23	35	45	ND	ND	ND	2.651
5	12	39	18.663	2305	54	29.98N	12	22.87E	54	57N	12	31E	617932	25096	192	21	35	54	ND	ND	ND	2.726
6	12	39	20.935	2271	54	20.83N	12	19.44E	54	48N	12	28E	617727	25096	192	19	36	3	ND	ND	ND	2.767
7	12	39	23.193	2259	54	11.73N	12	16.04E	54	39N	12	24E	617524	25097	192	17	36	12	ND	ND	ND	2.781
8	12	39	25.443	2250	54	2.66N	12	12.69E	54	29N	12	21E	617321	25097	192	15	36	21	ND	ND	ND	2.793
9	12	39	27.688	2245	53	53.61N	12	9.36E	54	20N	12	18E	617121	25098	192	14	36	30	ND	ND	ND	2.799
10	12	39	29.930	2241	53	44.58N	12	6.05E	54	11N	12	14E	616921	25098	192	12	36	39	ND	ND	ND	2.804
11	12	39	32.169	2240	53	35.55N	12	2.77E	54	2N	12	11E	616723	25099	192	10	36	47	ND	ND	ND	2.805
12	12	39	34.408	2239	53	26.53N	11	59.51E	53	53N	12	7E	616525	25099	192	8	36	56	ND	ND	ND	2.806
13	12	39	36.645	2236	53	17.51N	11	56.27E	53	44N	12	4E	616328	25100	192	7	37	5	ND	ND	ND	2.810
14	12	39	38.884	2239	53	8.48N	11	53.05E	53	35N	12	1E	616132	25100	192	5	37	14	ND	ND	ND	2.806
15	12	39	41.113	2230	52	59.48N	11	49.86E	53	26N	11	58E	615937	25101	192	3	37	23	ND	ND	ND	2.818
16	12	39	43.349	2235	52	50.47N	11	46.67E	53	17N	11	54E	615743	25101	192	2	37	31	ND	ND	ND	2.811
17	12	39	45.578	2230	52	41.47N	11	43.52E	53	8N	11	51E	615550	25101	192	0	37	40	ND	ND	ND	2.818
18	12	39	47.813	2235	52	32.45N	11	40.37E	52	59N	11	48E	615357	25102	191	58	37	49	ND	ND	ND	2.811
19	12	39	50.043	2230	52	23.45N	11	37.25E	52	50N	11	45E	615165	25102	191	57	37	58	ND	ND	ND	2.818
20	12	39	52.273	2230	52	14.45N	11	34.15E	52	41N	11	42E	614974	25103	191	55	38	7	ND	ND	ND	2.818
21	12	39	54.503	2230	52	5.45N	11	31.06E	52	32N	11	39E	614785	25103	191	54	38	15	ND	ND	ND	2.818
22	12	39	56.733	2230	51	56.44N	11	27.99E	52	23N	11	35E	614595	25104	191	52	38	24	ND	ND	ND	2.818
23	12	39	58.958	2225	51	47.46N	11	24.94E	52	14N	11	32E	614407	25104	191	51	38	33	ND	ND	ND	2.824
24	12	40	1.185	2226	51	38.46N	11	21.91E	52	5N	11	29E	614220	25105	191	49	38	42	ND	ND	ND	2.823
25	12	40	3.413	2229	51	29.46N	11	18.89E	51	56N	11	26E	614033	25105	191	48	38	51	ND	ND	ND	2.819
26	12	40	5.644	2230	51	20.45N	11	15.88E	51	47N	11	23E	613847	25106	191	46	38	59	ND	ND	ND	2.818
27	12	40	7.868	2225	51	11.46N	11	12.90E	51	38N	11	20E	613662	25106	191	45	39	8	ND	ND	ND	2.824
28	12	40	10.094	2225	51	2.47N	11	9.93E	51	29N	11	17E	613478	25106	191	43	39	17	ND	ND	ND	2.824
29	12	40	12.318	2225	50	53.48N	11	6.98E	51	20N	11	14E	613295	25107	191	42	39	26	ND	ND	ND	2.824
30	12	40	14.549	2230	50	44.46N	11	4.04E	51	11N	11	11E	613112	25107	191	40	39	34	ND	ND	ND	2.818
31	12	40	16.773	2225	50	35.47N	11	1.12E	51	2N	11	8E	612931	25108	191	39	39	43	ND	ND	ND	2.824
32	12	40	18.994	2221	50	26.49N	10	58.22E	50	53N	11	5E	612751	25108	191	38	39	52	ND	ND	ND	2.829
33	12	40	21.224	2229	50	17.48N	10	55.32E	50	44N	11	2E	612570	25109	191	36	40	1	ND	ND	ND	2.819
34	12	40	23.448	2225	50	8.48N	10	52.45E	50	35N	10	59E	612391	25109	191	35	40	10	ND	ND	ND	2.824
35	12	40	25.674	2225	49	59.48N	10	49.58E	50	26N	10	56E	612213	25110	191	34	40	18	ND	ND	ND	2.824
36	12	40	27.894	2220	49	50.50N	10	46.74E	50	17N	10	53E	612036	25110	191	32	40	27	ND	ND	ND	2.830
37	12	40	30.119	2226	49	41.50N	10	43.91E	50	8N	10	51E	611859	25110	191	31	40	36	ND	ND	ND	2.823
38	12	40	32.344	2224	49	32.50N	10	41.09E	49	59N	10	48E	611684	25111	191	30	40	45	ND	ND	ND	2.825
39	12	40	34.568	2225	49	23.50N	10	38.28E	49	50N	10	45E	611509	25111	191	28	40	53	ND	ND	ND	2.824
40	12	40	36.788	2220	49	14.51N	10	35.50E	49	41N	10	42E	611336	25112	191	27	41	2	ND	ND	ND	2.830
41	12	40	39.014	2225	49	5.50N	10	32.72E	49	32N	10	39E	611163	25112	191	26	41	11	ND	ND	ND	2.824
42	12	40	41.233	2220	48	56.52N	10	29.96E	49	23N	10	36E	610991	25112	191	25	41	19	ND	ND	ND	2.830
43	12	40	43.458	2225	48	47.51N	10	27.20E	49	14N	10	34E	610820	25113	191	23	41	28	ND	ND	ND	2.824
44	12	49	10.748	07290	14	17.52N	2	59.90E	14	44N	3	3E	602741	25135	189	33	72	25	ND	ND	ND	0.012
45	12	49	13.863	3115	14	4.75N	2	57.70E	14	31N	3	1E	602920	25134	189	33	72	34	ND	ND	ND	2.017

FRAME EPHEMERIS MISSION 1018-1

PASS 59D AFT 29MAR65 ID 44 LIST DATE 27APR65 PAGE 160

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	12	49	16.368	2505	13	54.49N	2	55.93E	14	21N	2	59E	603067	25134	189	33	72	41	ND		ND		ND		2.508
47	12	49	18.703	2335	13	44.93N	2	54.28E	14	11N	2	57E	603205	25134	189	33	72	48	ND		ND		ND		2.691
48	12	49	20.979	2276	13	35.60N	2	52.68E	14	2N	2	56E	603341	25133	189	33	72	54	ND		ND		ND		2.761
49	12	49	23.234	2255	13	26.36N	2	51.09E	13	53N	2	54E	603478	25133	189	33	73	0	ND		ND		ND		2.786
50	12	49	25.479	2244	13	17.17N	2	49.51E	13	44N	2	52E	603616	25133	189	33	73	6	ND		ND		ND		2.800
51	12	49	27.719	2240	13	7.99N	2	47.94E	13	34N	2	51E	603755	25132	189	33	73	13	ND		ND		ND		2.805
52	12	49	29.953	2235	12	58.83N	2	46.37E	13	25N	2	49E	603896	25132	189	32	73	19	ND		ND		ND		2.811
53	12	49	32.188	2235	12	49.68N	2	44.80E	13	16N	2	48E	604038	25132	189	32	73	25	ND		ND		ND		2.811
54	12	49	34.414	2226	12	40.56N	2	43.24E	13	7N	2	46E	604180	25131	189	32	73	31	ND		ND		ND		2.823
55	12	49	36.644	2229	12	31.42N	2	41.67E	12	58N	2	45E	604325	25131	189	32	73	37	ND		ND		ND		2.819
56	12	49	38.873	2230	12	22.29N	2	40.11E	12	49N	2	43E	604472	25131	189	32	73	43	ND		ND		ND		2.818
57	12	49	41.104	2230	12	13.15N	2	38.55E	12	40N	2	41E	604620	25130	189	32	73	48	ND		ND		ND		2.818
58	12	49	43.328	2225	12	4.04N	2	37.00E	12	31N	2	40E	604769	25130	189	32	73	54	ND		ND		ND		2.824
59	12	49	45.559	2230	11	54.90N	2	35.44E	12	21N	2	38E	604920	25130	189	32	74	0	ND		ND		ND		2.818
60	12	49	47.783	2225	11	45.78N	2	33.89E	12	12N	2	37E	605073	25129	189	32	74	6	ND		ND		ND		2.824
61	12	49	50.010	2226	11	36.66N	2	32.33E	12	3N	2	35E	605227	25129	189	32	74	11	ND		ND		ND		2.823
62	12	49	52.234	2225	11	27.55N	2	30.78E	11	54N	2	34E	605382	25129	189	32	74	17	ND		ND		ND		2.824
63	12	49	54.459	2225	11	18.43N	2	29.23E	11	45N	2	32E	605540	25128	189	31	74	22	ND		ND		ND		2.824
64	12	49	56.688	2229	11	9.30N	2	27.68E	11	36N	2	31E	605698	25128	189	31	74	28	ND		ND		ND		2.819
65	12	49	58.913	2225	11	0.18N	2	26.13E	11	27N	2	29E	605859	25128	189	31	74	33	ND		ND		ND		2.824
66	12	50	1.139	2225	10	51.06N	2	24.58E	11	18N	2	27E	606021	25127	189	31	74	38	ND		ND		ND		2.824
67	12	50	3.364	2226	10	41.95N	2	23.04E	11	9N	2	26E	606185	25127	189	31	74	44	ND		ND		ND		2.823
68	12	50	5.589	2225	10	32.83N	2	21.49E	10	59N	2	24E	606350	25127	189	31	74	49	ND		ND		ND		2.824
69	12	50	7.818	2229	10	23.70N	2	19.95E	10	50N	2	23E	606517	25126	189	31	74	54	ND		ND		ND		2.819
70	12	50	10.039	2221	10	14.60N	2	18.41E	10	41N	2	21E	606684	25126	189	31	74	59	ND		ND		ND		2.829
71	12	50	12.264	2224	10	5.48N	2	16.86E	10	32N	2	20E	606854	25125	189	31	75	4	ND		ND		ND		2.825
72	12	50	14.488	2225	9	56.37N	2	15.32E	10	23N	2	18E	607026	25125	189	31	75	9	ND		ND		ND		2.824
73	12	50	16.719	2230	9	47.23N	2	13.78E	10	14N	2	17E	607199	25125	189	31	75	14	ND		ND		ND		2.818
74	12	50	18.943	2225	9	38.12N	2	12.24E	10	5N	2	15E	607374	25124	189	31	75	19	ND		ND		ND		2.824
75	12	50	21.163	2220	9	29.02N	2	10.70E	9	56N	2	14E	607550	25124	189	31	75	24	ND		ND		ND		2.830
76	12	50	23.389	2225	9	19.90N	2	9.17E	9	47N	2	12E	607728	25123	189	30	75	29	ND		ND		ND		2.824
77	12	50	25.612	2224	9	10.79N	2	7.63E	9	37N	2	11E	607907	25123	189	30	75	33	ND		ND		ND		2.825
78	12	50	27.836	2224	9	1.68N	2	6.10E	9	28N	2	9E	608088	25123	189	30	75	38	ND		ND		ND		2.825
79	12	50	30.061	2224	8	52.57N	2	4.56E	9	19N	2	7E	608270	25122	189	30	75	42	ND		ND		ND		2.825
80	12	50	32.284	2224	8	43.46N	2	3.03E	9	10N	2	6E	608454	25122	189	30	75	47	ND		ND		ND		2.825
81	12	50	34.509	2224	8	34.35N	2	1.49E	9	1N	2	4E	608640	25121	189	30	75	51	ND		ND		ND		2.825
82	12	50	36.732	2224	8	25.24N	1	59.96E	8	52N	2	3E	608827	25121	189	30	75	55	ND		ND		ND		2.825
83	12	50	38.956	2224	8	16.13N	1	58.43E	8	43N	2	1E	609016	25120	189	30	76	0	ND		ND		ND		2.825
84	12	50	41.188	2232	8	6.98N	1	56.90E	8	34N	2	0E	609207	25120	189	30	76	4	ND		ND		ND		2.815
85	12	50	43.413	2225	7	57.87N	1	55.37E	8	25N	1	58E	609399	25120	189	30	76	8	ND		ND		ND		2.824
86	12	50	45.639	2225	7	48.75N	1	53.84E	8	15N	1	57E	609593	25119	189	30	76	12	ND		ND		ND		2.824
87	12	50	47.863	2225	7	39.63N	1	52.31E	8	6N	1	55E	609788	25119	189	30	76	16	ND		ND		ND		2.824
88	12	50	50.088	2225	7	30.52N	1	50.78E	7	57N	1	54E	609985	25118	189	30	76	19	ND		ND		ND		2.824
89	12	50	52.318	2230	7	21.38N	1	49.25E	7	48N	1	52E	610184	25118	189	30	76	23	ND		ND		ND		2.818
90	12	50	54.543	2225	7	12.27N	1	47.72E	7	39N	1	51E	610384	25117	189	30	76	27	ND		ND		ND		2.824

FRAME EPHEMERIS MISSION 1018-1 ID 44 LIST DATE 27APR65 PAGE 161

PASS 59D AFT 29MAR65

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
91	12	50	56.769	2225	7	3.15N	1	46.20E	7	30N	1	49E	610585	25117	189	30	76	30	ND	ND	ND	2.824
92	12	50	58.993	2225	6	54.04N	1	44.67E	7	21N	1	48E	610788	25116	189	30	76	34	ND	ND	ND	2.824
93	12	51	1.219	2225	6	44.92N	1	43.14E	7	12N	1	46E	610993	25116	189	30	76	37	ND	ND	ND	2.824
94	12	51	3.448	2230	6	35.79N	1	41.62E	7	3N	1	44E	611199	25115	189	30	76	40	ND	ND	ND	2.818
95	12	51	5.674	2225	6	26.67N	1	40.09E	6	53N	1	43E	611407	25115	189	29	76	43	ND	ND	ND	2.824
96	12	51	7.899	2226	6	17.56N	1	38.57E	6	44N	1	41E	611617	25114	189	29	76	47	ND	ND	ND	2.823
97	12	51	10.128	2229	6	8.43N	1	37.05E	6	35N	1	40E	611828	25114	189	29	76	49	ND	ND	ND	2.819
98	12	51	12.358	2230	5	59.29N	1	35.52E	6	26N	1	38E	612041	25113	189	29	76	52	ND	ND	ND	2.818
99	12	51	14.583	2225	5	50.18N	1	34.00E	6	17N	1	37E	612255	25113	189	29	76	55	ND	ND	ND	2.824
100	12	51	16.809	2225	5	41.06N	1	32.48E	6	8N	1	35E	612471	25112	189	29	76	58	ND	ND	ND	2.824
101	12	51	19.038	2230	5	31.93N	1	30.95E	5	59N	1	34E	612689	25112	189	29	77	0	ND	ND	ND	2.818
102	12	51	21.269	2230	5	22.79N	1	29.43E	5	50N	1	32E	612908	25111	189	29	77	3	ND	ND	ND	2.818
103	12	51	23.493	2225	5	13.68N	1	27.91E	5	41N	1	31E	613129	25111	189	29	77	6	ND	ND	ND	2.824
104	12	51	25.724	2230	5	4.54N	1	26.39E	5	31N	1	29E	613352	25110	189	29	77	8	ND	ND	ND	2.818
105	12	51	27.953	2230	4	55.41N	1	24.87E	5	22N	1	28E	613575	25110	189	29	77	10	ND	ND	ND	2.818
106	12	51	30.184	2230	4	46.28N	1	23.35E	5	13N	1	26E	613801	25109	189	29	77	12	ND	ND	ND	2.818

Approved For Release 2007/08/03 : CIA-RDP78B04747A000300140009-4

Approved For Release 2001/06/09 : CIA-RDP78T05439A000300140006-4

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

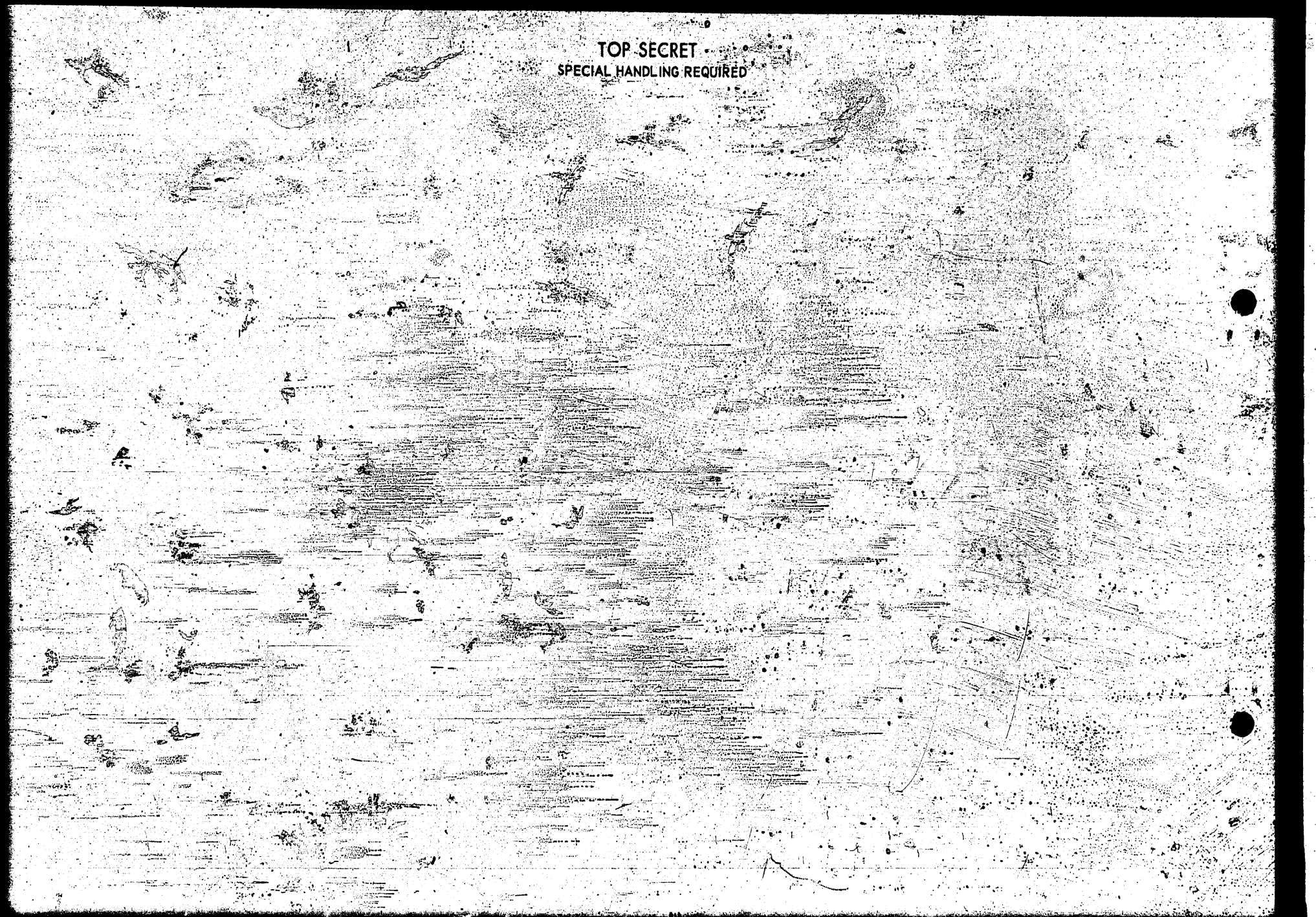
TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84869-65

FRAME EPHEMERIS MISSION 1018-1

PASS 65D AFT 29MAR65 ID 44 LIST DATE 27APR65 PAGE 162

FRM	Z TIME			DTIM	CAMERA NADIR				FORMAT CENTER				ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
					LAT		LONG		LAT		LONG											
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	21	37	2.373	0	36	39.35N	126	2.94W	37	6N	125	59W	599166	25140	190	15	53	6	ND	ND	ND	2.027
2	21	37	5.474	3100	36	26.70N	126	5.77W	36	53N	126	2W	599059	25140	190	14	53	18	ND	ND	ND	2.027
3	21	37	7.963	2490	36	16.56N	126	8.04W	36	43N	126	4W	598974	25140	190	14	53	28	ND	ND	ND	2.523
4	21	37	10.293	2330	36	7.05N	126	10.15W	36	33N	126	6W	598896	25141	190	13	53	36	ND	ND	ND	2.697
5	21	37	12.568	2275	35	57.78N	126	12.21W	36	24N	126	8W	598822	25141	190	13	53	45	ND	ND	ND	2.762
6	21	37	14.818	2250	35	48.60N	126	14.24W	36	15N	126	10W	598749	25141	190	12	53	54	ND	ND	ND	2.793
7	21	37	17.061	2242	35	39.46N	126	16.26W	36	6N	126	12W	598678	25141	190	12	54	2	ND	ND	ND	2.802
8	21	37	19.301	2241	35	30.32N	126	18.27W	35	57N	126	14W	598608	25141	190	11	54	11	ND	ND	ND	2.804
9	21	37	21.536	2235	35	21.20N	126	20.27W	35	47N	126	16W	598540	25141	190	11	54	20	ND	ND	ND	2.811
10	21	37	23.769	2232	35	12.09N	126	22.26W	35	38N	126	18W	598472	25142	190	10	54	28	ND	ND	ND	2.815
11	21	37	26.003	2235	35	2.98N	126	24.25W	35	29N	126	20W	598407	25142	190	10	54	37	ND	ND	ND	2.811
12	21	37	28.229	2225	34	53.90N	126	26.23W	35	20N	126	22W	598342	25142	190	9	54	45	ND	ND	ND	2.824
13	21	37	30.458	2230	34	44.80N	126	28.20W	35	11N	126	24W	598279	25142	190	9	54	54	ND	ND	ND	2.818
14	21	37	32.684	2225	34	35.72N	126	30.17W	35	2N	126	26W	598217	25142	190	8	55	2	ND	ND	ND	2.824
15	21	37	34.913	2230	34	26.63N	126	32.13W	34	53N	126	28W	598156	25142	190	8	55	11	ND	ND	ND	2.818
16	21	37	37.133	2220	34	17.57N	126	34.08W	34	44N	126	30W	598097	25143	190	7	55	19	ND	ND	ND	2.830



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PART II

FRAME EPHEMERIS MISSION 1018-2

PASS 70D AFT 30MAR65 ID 45 LIST DATE 06MAY65 PAGE 77

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	4	51	28.469	0	76	13.47N	146	8.05E	76	39N	147	0E	647542	25023	206	41	14	18	ND	ND	ND	2.159
2	4	51	31.379	2910	76	2.80N	145	45.82E	76	29N	146	37E	647234	25024	206	21	14	30	ND	ND	ND	2.159
3	4	51	33.948	2570	75	53.35N	145	26.64E	76	19N	146	16E	646962	25024	206	4	14	40	ND	ND	ND	2.445
4	4	51	36.399	2451	75	44.31N	145	8.72E	76	10N	145	57E	646702	25025	205	48	14	50	ND	ND	ND	2.564
5	4	51	38.800	2400	75	35.44N	144	51.51E	76	1N	145	39E	646448	25026	205	32	14	59	ND	ND	ND	2.618
6	4	51	41.179	2379	75	26.63N	144	34.78E	75	53N	145	22E	646197	25026	205	17	15	9	ND	ND	ND	2.641
7	4	51	43.538	2360	75	17.87N	144	18.50E	75	44N	145	4E	645948	25027	205	3	15	18	ND	ND	ND	2.662
8	4	51	45.889	2350	75	9.13N	144	2.58E	75	35N	144	48E	645699	25027	204	48	15	27	ND	ND	ND	2.674
9	4	51	48.229	2340	75	0.41N	143	47.02E	75	27N	144	31E	645453	25028	204	34	15	37	ND	ND	ND	2.685
10	4	51	50.568	2340	74	51.68N	143	31.74E	75	18N	144	15E	645206	25028	204	21	15	46	ND	ND	ND	2.685
11	4	51	52.904	2336	74	42.94N	143	16.76E	75	9N	143	59E	644960	25029	204	7	15	55	ND	ND	ND	2.690
12	4	51	55.234	2330	74	34.21N	143	2.09E	75	0N	143	44E	644715	25030	203	54	16	4	ND	ND	ND	2.697
13	4	51	57.563	2329	74	25.47N	142	47.67E	74	52N	143	29E	644469	25030	203	42	16	14	ND	ND	ND	2.698
14	4	51	59.894	2330	74	16.72N	142	33.50E	74	43N	143	14E	644224	25031	203	29	16	23	ND	ND	ND	2.697
15	4	52	2.215	2321	74	7.98N	142	19.62E	74	34N	142	59E	643981	25031	203	17	16	32	ND	ND	ND	2.707
16	4	52	4.538	2324	73	59.22N	142	5.97E	74	26N	142	45E	643737	25032	203	5	16	41	ND	ND	ND	2.704
17	4	52	6.858	2320	73	50.46N	141	52.56E	74	17N	142	31E	643493	25032	202	53	16	51	ND	ND	ND	2.708
18	4	52	9.175	2316	73	41.70N	141	39.41E	74	8N	142	17E	643251	25033	202	42	17	0	ND	ND	ND	2.713
19	4	52	11.493	2319	73	32.92N	141	26.45E	73	59N	142	3E	643008	25034	202	30	17	9	ND	ND	ND	2.709
20	4	52	13.809	2315	73	24.14N	141	13.73E	73	51N	141	50E	642766	25034	202	19	17	18	ND	ND	ND	2.714
21	4	52	16.119	2311	73	15.36N	141	1.23E	73	42N	141	37E	642525	25035	202	8	17	27	ND	ND	ND	2.719
22	4	52	18.434	2314	73	6.56N	140	48.92E	73	33N	141	24E	642283	25035	201	58	17	37	ND	ND	ND	2.715
23	4	52	20.747	2314	72	57.75N	140	36.80E	73	24N	141	11E	642042	25036	201	47	17	46	ND	ND	ND	2.715
24	4	52	23.054	2306	72	48.96N	140	24.92E	73	16N	140	59E	641801	25036	201	37	17	55	ND	ND	ND	2.725
25	4	52	25.358	2305	72	40.16N	140	13.23E	73	7N	140	46E	641562	25037	201	27	18	4	ND	ND	ND	2.726
26	4	52	27.667	2309	72	31.34N	140	1.70E	72	58N	140	34E	641321	25038	201	17	18	13	ND	ND	ND	2.721
27	4	52	29.969	2301	72	22.54N	139	50.38E	72	49N	140	22E	641082	25038	201	7	18	22	ND	ND	ND	2.731
28	4	52	32.273	2305	72	13.71N	139	39.21E	72	40N	140	11E	640843	25039	200	58	18	31	ND	ND	ND	2.726
29	4	52	34.573	2300	72	4.89N	139	28.24E	72	32N	139	59E	640604	25039	200	48	18	41	ND	ND	ND	2.732
30	4	52	36.879	2305	71	56.04N	139	17.40E	72	23N	139	48E	640365	25040	200	39	18	50	ND	ND	ND	2.726
31	4	52	39.179	2300	71	47.21N	139	6.76E	72	14N	139	37E	640127	25040	200	30	18	59	ND	ND	ND	2.732
32	4	52	41.474	2295	71	38.38N	138	56.29E	72	5N	139	26E	639890	25041	200	21	19	8	ND	ND	ND	2.738
33	4	52	43.769	2295	71	29.55N	138	45.97E	71	56N	139	15E	639653	25042	200	13	19	17	ND	ND	ND	2.738
34	4	52	46.068	2300	71	20.68N	138	35.77E	71	47N	139	4E	639415	25042	200	4	19	26	ND	ND	ND	2.732
35	4	52	48.363	2295	71	11.83N	138	25.75E	71	39N	138	54E	639179	25043	199	56	19	35	ND	ND	ND	2.738
36	4	52	50.653	2290	71	2.99N	138	15.89E	71	30N	138	44E	638943	25043	199	47	19	45	ND	ND	ND	2.744
37	4	52	52.943	2290	70	54.14N	138	6.16E	71	21N	138	33E	638708	25044	199	39	19	54	ND	ND	ND	2.744
38	4	52	55.234	2291	70	45.28N	137	56.57E	71	12N	138	23E	638473	25044	199	31	20	3	ND	ND	ND	2.743
39	4	52	57.528	2294	70	36.40N	137	47.09E	71	3N	138	14E	638237	25045	199	23	20	12	ND	ND	ND	2.739
40	4	52	59.813	2285	70	27.55N	137	37.78E	70	54N	138	4E	638003	25045	199	16	20	21	ND	ND	ND	2.750
41	4	53	2.104	2290	70	18.67N	137	28.58E	70	45N	137	54E	637769	25046	199	8	20	30	ND	ND	ND	2.744
42	4	53	4.389	2285	70	9.80N	137	19.52E	70	37N	137	45E	637535	25047	199	1	20	39	ND	ND	ND	2.750
43	4	53	6.674	2285	70	0.93N	137	10.58E	70	28N	137	36E	637302	25047	198	53	20	48	ND	ND	ND	2.750
44	4	53	8.958	2285	69	52.05N	137	1.76E	70	19N	137	26E	637069	25048	198	46	20	57	ND	ND	ND	2.750
45	4	53	11.243	2285	69	43.17N	136	53.05E	70	10N	137	17E	636836	25048	198	39	21	6	ND	ND	ND	2.750

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	4	53	13.523	2280	69	34.29N	136	44.48E	70	1N	137	8E	636604	25049	198	32	21	15	ND		ND		ND		2.756
47	4	53	15.804	2280	69	25.41N	136	36.01E	69	52N	137	0E	636373	25049	198	25	21	24	ND		ND		ND		2.756
48	4	53	18.089	2285	69	16.50N	136	27.63E	69	43N	136	51E	636140	25050	198	18	21	33	ND		ND		ND		2.750
49	4	53	20.364	2276	69	7.63N	136	19.40E	69	35N	136	42E	635910	25050	198	12	21	42	ND		ND		ND		2.761
50	4	53	22.644	2279	68	58.73N	136	11.25E	69	26N	136	34E	635680	25051	198	5	21	52	ND		ND		ND		2.757
51	4	53	24.924	2280	68	49.83N	136	3.20E	69	17N	136	26E	635449	25051	197	59	22	1	ND		ND		ND		2.756
52	4	53	27.198	2275	68	40.94N	135	55.27E	69	8N	136	17E	635220	25052	197	53	22	10	ND		ND		ND		2.762
53	4	53	29.474	2275	68	32.04N	135	47.44E	68	59N	136	9E	634991	25053	197	46	22	19	ND		ND		ND		2.762
54	4	53	31.748	2275	68	23.14N	135	39.70E	68	50N	136	1E	634761	25053	197	40	22	28	ND		ND		ND		2.762
55	4	53	34.023	2275	68	14.24N	135	32.05E	68	41N	135	53E	634533	25054	197	34	22	37	ND		ND		ND		2.762
56	4	53	36.293	2270	68	5.34N	135	24.51E	68	32N	135	45E	634305	25054	197	28	22	46	ND		ND		ND		2.768
57	4	53	38.564	2271	67	56.44N	135	17.06E	68	23N	135	38E	634077	25055	197	22	22	55	ND		ND		ND		2.767
58	4	53	40.839	2274	67	47.52N	135	9.68E	68	14N	135	30E	633851	25055	197	17	23	4	ND		ND		ND		2.763
59	4	53	43.104	2266	67	38.63N	135	2.42E	68	6N	135	22E	633624	25056	197	11	23	13	ND		ND		ND		2.773
60	4	53	45.379	2274	67	29.70N	134	55.21E	67	57N	135	15E	633397	25056	197	5	23	22	ND		ND		ND		2.763
61	4	53	47.644	2265	67	20.80N	134	48.12E	67	48N	135	8E	633172	25057	197	0	23	31	ND		ND		ND		2.774
62	4	53	49.908	2265	67	11.90N	134	41.10E	67	39N	135	0E	632947	25057	196	54	23	40	ND		ND		ND		2.774
63	4	53	52.179	2270	67	2.98N	134	34.15E	67	30N	134	53E	632722	25058	196	49	23	49	ND		ND		ND		2.768
64	4	53	54.438	2260	66	54.08N	134	27.30E	67	21N	134	46E	632498	25058	196	44	23	58	ND		ND		ND		2.780
65	4	53	56.708	2270	66	45.15N	134	20.50E	67	12N	134	39E	632273	25059	196	38	24	7	ND		ND		ND		2.768
66	4	53	58.969	2260	66	36.25N	134	13.81E	67	3N	134	32E	632050	25059	196	33	24	16	ND		ND		ND		2.780
67	4	54	1.229	2260	66	27.34N	134	7.19E	66	54N	134	25E	631827	25060	196	28	24	25	ND		ND		ND		2.780
68	4	54	3.488	2260	66	18.44N	134	0.64E	66	45N	134	19E	631605	25061	196	23	24	34	ND		ND		ND		2.780
69	4	54	5.748	2260	66	9.52N	133	54.16E	66	36N	134	12E	631383	25061	196	18	24	43	ND		ND		ND		2.780
70	4	54	8.009	2260	66	0.60N	133	47.74E	66	28N	134	5E	631161	25062	196	14	24	52	ND		ND		ND		2.780
71	4	54	10.269	2260	65	51.68N	133	41.40E	66	19N	133	59E	630939	25062	196	9	25	1	ND		ND		ND		2.780
72	4	54	12.528	2260	65	42.76N	133	35.12E	66	10N	133	52E	630719	25063	196	4	25	10	ND		ND		ND		2.780
73	4	54	14.783	2255	65	33.85N	133	28.92E	66	1N	133	46E	630499	25063	196	0	25	19	ND		ND		ND		2.786
74	4	54	17.038	2255	65	24.94N	133	22.79E	65	52N	133	39E	630279	25064	195	55	25	27	ND		ND		ND		2.786
75	4	54	19.299	2260	65	16.00N	133	16.70E	65	43N	133	33E	630060	25064	195	51	25	36	ND		ND		ND		2.780
76	4	54	21.549	2250	65	7.10N	133	10.70E	65	34N	133	27E	629842	25065	195	46	25	45	ND		ND		ND		2.793
77	4	54	23.805	2256	64	58.17N	133	4.75E	65	25N	133	21E	629623	25065	195	42	25	54	ND		ND		ND		2.785
78	4	54	26.059	2254	64	49.25N	132	58.86E	65	16N	133	15E	629405	25066	195	37	26	3	ND		ND		ND		2.788
79	4	54	28.313	2255	64	40.32N	132	53.03E	65	7N	133	9E	629188	25066	195	33	26	12	ND		ND		ND		2.786
80	4	54	30.563	2250	64	31.40N	132	47.27E	64	58N	133	3E	628971	25067	195	29	26	21	ND		ND		ND		2.793
81	4	54	32.813	2250	64	22.48N	132	41.56E	64	49N	132	57E	628755	25067	195	25	26	30	ND		ND		ND		2.793
82	4	54	35.068	2255	64	13.54N	132	35.90E	64	41N	132	51E	628539	25068	195	21	26	39	ND		ND		ND		2.786
83	4	54	37.318	2250	64	4.62N	132	30.30E	64	32N	132	45E	628323	25068	195	17	26	48	ND		ND		ND		2.793
84	4	54	39.564	2246	63	55.71N	132	24.76E	64	23N	132	40E	628109	25069	195	13	26	57	ND		ND		ND		2.798
85	4	54	41.813	2249	63	46.78N	132	19.27E	64	14N	132	34E	627895	25069	195	9	27	6	ND		ND		ND		2.794
86	4	54	44.063	2250	63	37.85N	132	13.83E	64	5N	132	28E	627681	25070	195	5	27	15	ND		ND		ND		2.793
87	4	54	46.310	2246	63	28.93N	132	8.45E	63	56N	132	23E	627468	25070	195	1	27	24	ND		ND		ND		2.798
88	4	54	48.559	2249	63	19.99N	132	3.12E	63	47N	132	17E	627255	25071	194	57	27	32	ND		ND		ND		2.794
89	4	54	50.799	2240	63	11.09N	131	57.85E	63	38N	132	12E	627043	25071	194	54	27	41	ND		ND		ND		2.805
90	4	54	53.049	2250	63	2.14N	131	52.61E	63	29N	132	7E	626831	25072	194	50	27	50	ND		ND		ND		2.793

Approved For Release 2004/08/09 : CIA-RDP78B04747A003600010003-1

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FRAME EPHEMERIS MISSION 1018-2 ID 45

FRM	Z TIME HR MI SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	4 54 55.293	2245	62 53.21N	131 47.43E	63 20N	132 1E	626620	25072	194 46	27 59	ND	ND	ND	2.799
92	4 54 57.538	2245	62 44.28N	131 42.29E	63 11N	131 56E	626410	25073	194 43	28 8	ND	ND	ND	2.799
93	4 54 59.778	2240	62 35.37N	131 37.21E	63 2N	131 51E	626200	25073	194 39	28 17	ND	ND	ND	2.805
94	4 55 2.023	2245	62 26.43N	131 32.16E	62 53N	131 46E	625989	25074	194 36	28 26	ND	ND	ND	2.799
95	4 55 4.269	2245	62 17.49N	131 27.16E	62 44N	131 40E	625780	25074	194 32	28 35	ND	ND	ND	2.799
96	4 55 6.509	2240	62 8.57N	131 22.21E	62 36N	131 35E	625572	25075	194 29	28 44	ND	ND	ND	2.805
97	4 55 8.749	2241	61 59.64N	131 17.31E	62 27N	131 30E	625365	25075	194 26	28 53	ND	ND	ND	2.804
98	4 55 10.993	2244	61 50.69N	131 12.43E	62 18N	131 25E	625157	25076	194 22	29 1	ND	ND	ND	2.800
99	4 55 13.233	2240	61 41.76N	131 7.61E	62 9N	131 20E	624950	25076	194 19	29 10	ND	ND	ND	2.805
100	4 55 15.475	2241	61 32.83N	131 2.83E	62 0N	131 15E	624743	25077	194 16	29 19	ND	ND	ND	2.804
101	4 55 17.714	2239	61 23.89N	130 58.09E	61 51N	131 11E	624538	25077	194 13	29 28	ND	ND	ND	2.806
102	4 55 19.958	2245	61 14.94N	130 53.38E	61 42N	131 6E	624332	25078	194 10	29 37	ND	ND	ND	2.799
103	4 55 22.198	2240	61 6.00N	130 48.72E	61 33N	131 1E	624128	25078	194 6	29 46	ND	ND	ND	2.805
104	4 55 24.434	2235	60 57.07N	130 44.10E	61 24N	130 56E	623924	25079	194 3	29 55	ND	ND	ND	2.811
105	4 55 26.674	2240	60 48.13N	130 39.52E	61 15N	130 52E	623719	25079	194 0	30 4	ND	ND	ND	2.805
106	4 55 28.913	2240	60 39.18N	130 34.97E	61 6N	130 47E	623517	25080	193 57	30 12	ND	ND	ND	2.805
107	4 55 31.153	2240	60 30.23N	130 30.46E	60 57N	130 42E	623314	25080	193 54	30 21	ND	ND	ND	2.805
108	4 55 33.389	2235	60 21.30N	130 25.99E	60 48N	130 38E	623112	25081	193 52	30 30	ND	ND	ND	2.811
109	4 55 35.623	2235	60 12.37N	130 21.56E	60 39N	130 33E	622911	25081	193 49	30 39	ND	ND	ND	2.811
110	4 55 37.858	2235	60 3.43N	130 17.17E	60 30N	130 29E	622711	25082	193 46	30 48	ND	ND	ND	2.811
111	4 55 40.099	2240	59 54.47N	130 12.79E	60 21N	130 24E	622510	25082	193 43	30 57	ND	ND	ND	2.805
112	4 55 42.333	2235	59 45.53N	130 8.47E	60 12N	130 20E	622310	25083	193 40	31 6	ND	ND	ND	2.811
113	4 55 44.568	2235	59 36.59N	130 4.17E	60 3N	130 15E	622112	25083	193 37	31 14	ND	ND	ND	2.811
114	4 55 46.804	2235	59 27.64N	129 59.91E	59 55N	130 11E	621913	25084	193 35	31 23	ND	ND	ND	2.811
115	4 55 49.038	2235	59 18.70N	129 55.68E	59 46N	130 7E	621716	25084	193 32	31 32	ND	ND	ND	2.811
116	4 55 51.269	2230	59 9.77N	129 51.49E	59 37N	130 2E	621518	25085	193 29	31 41	ND	ND	ND	2.818
117	4 55 53.504	2235	59 0.81N	129 47.33E	59 28N	129 58E	621322	25085	193 27	31 50	ND	ND	ND	2.811
118	4 55 55.738	2235	58 51.86N	129 43.19E	59 19N	129 54E	621126	25085	193 24	31 59	ND	ND	ND	2.811
119	4 55 57.969	2230	58 42.93N	129 39.10E	59 10N	129 50E	620931	25086	193 22	32 7	ND	ND	ND	2.818
120	4 56 0.203	2235	58 33.97N	129 35.03E	59 1N	129 45E	620736	25086	193 19	32 16	ND	ND	ND	2.811
121	4 56 2.438	2235	58 25.01N	129 30.98E	58 52N	129 41E	620541	25087	193 17	32 25	ND	ND	ND	2.811
122	4 56 4.668	2230	58 16.07N	129 26.98E	58 43N	129 37E	620348	25087	193 14	32 34	ND	ND	ND	2.818
123	4 56 6.903	2235	58 7.11N	129 22.99E	58 34N	129 33E	620155	25088	193 12	32 43	ND	ND	ND	2.811
124	4 56 9.134	2230	57 58.16N	129 19.04E	58 25N	129 29E	619963	25088	193 9	32 52	ND	ND	ND	2.818
125	4 56 11.363	2230	57 49.22N	129 15.12E	58 16N	129 25E	619772	25089	193 7	33 0	ND	ND	ND	2.818
126	4 56 13.594	2230	57 40.27N	129 11.22E	58 7N	129 21E	619581	25089	193 5	33 9	ND	ND	ND	2.818
127	4 56 15.828	2235	57 31.30N	129 7.35E	57 58N	129 17E	619390	25090	193 2	33 18	ND	ND	ND	2.811
128	4 56 18.059	2230	57 22.35N	129 3.51E	57 49N	129 13E	619201	25090	193 0	33 27	ND	ND	ND	2.818
129	4 56 20.289	2231	57 13.39N	128 59.70E	57 40N	129 9E	619011	25091	192 58	33 36	ND	ND	ND	2.816
130	4 56 22.523	2234	57 4.42N	128 55.90E	57 31N	129 6E	618823	25091	192 56	33 45	ND	ND	ND	2.813
131	4 56 24.754	2230	56 55.46N	128 52.14E	57 22N	129 2E	618635	25091	192 53	33 53	ND	ND	ND	2.818
132	4 56 26.983	2230	56 46.51N	128 48.41E	57 13N	128 58E	618448	25092	192 51	34 2	ND	ND	ND	2.818
133	4 56 29.214	2230	56 37.54N	128 44.70E	57 4N	128 54E	618261	25092	192 49	34 11	ND	ND	ND	2.818
134	4 56 31.443	2230	56 28.58N	128 41.01E	56 55N	128 50E	618075	25093	192 47	34 20	ND	ND	ND	2.818
135	4 56 33.674	2230	56 19.62N	128 37.35E	56 46N	128 47E	617890	25093	192 45	34 29	ND	ND	ND	2.818

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FRAME EPHEMERIS MISSION 1018-2 ID 45 LIST DATE 06MAY65 PAGE 80

FRM	Z TIME	DTIM	CAMERA NADIR LAT	CAMERA NADIR LONG	FORMAT CENTER LAT	FORMAT CENTER LONG	ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR MI SEC	MILS	DEG MIN	DEG MIN	DEG MIN	DEG MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	4 56 35.903	2230	56 10.66N	128 33.71E	56 37N	128 43E	617706	25094	192 43	34 38	ND	ND	ND	2.818
137	4 56 38.134	2230	56 1.69N	128 30.10E	56 28N	128 39E	617522	25094	192 40	34 46	ND	ND	ND	2.818
138	4 56 40.358	2225	55 52.74N	128 26.52E	56 20N	128 36E	617339	25095	192 38	34 55	ND	ND	ND	2.824
139	4 56 42.589	2230	55 43.77N	128 22.95E	56 11N	128 32E	617157	25095	192 36	35 4	ND	ND	ND	2.818
140	4 56 44.813	2225	55 34.82N	128 19.41E	56 2N	128 28E	616975	25095	192 34	35 13	ND	ND	ND	2.824
141	4 56 47.043	2230	55 25.85N	128 15.89E	55 53N	128 25E	616794	25096	192 32	35 21	ND	ND	ND	2.818
142	4 56 49.273	2230	55 16.87N	128 12.39E	55 44N	128 21E	616614	25096	192 30	35 30	ND	ND	ND	2.818
143	4 56 51.498	2225	55 7.92N	128 8.92E	55 35N	128 18E	616434	25097	192 29	35 39	ND	ND	ND	2.824
144	4 56 53.729	2230	54 58.94N	128 5.47E	55 26N	128 14E	616255	25097	192 27	35 48	ND	ND	ND	2.818
145	4 56 55.953	2225	54 49.98N	128 2.04E	55 17N	128 11E	616077	25098	192 25	35 57	ND	ND	ND	2.824
146	4 56 58.184	2230	54 41.00N	127 58.63E	55 8N	128 7E	615899	25098	192 23	36 5	ND	ND	ND	2.818
147	4 57 0.408	2225	54 32.04N	127 55.24E	54 59N	128 4E	615723	25098	192 21	36 14	ND	ND	ND	2.824
148	4 57 2.639	2230	54 23.05N	127 51.87E	54 50N	128 0E	615546	25099	192 19	36 23	ND	ND	ND	2.818
149	4 57 4.863	2225	54 14.09N	127 48.53E	54 41N	127 57E	615371	25099	192 17	36 32	ND	ND	ND	2.824
150	4 57 7.089	2225	54 5.12N	127 45.20E	54 32N	127 53E	615196	25100	192 16	36 41	ND	ND	ND	2.824
151	4 57 9.318	2230	53 56.14N	127 41.89E	54 23N	127 50E	615022	25100	192 14	36 49	ND	ND	ND	2.818
152	4 57 11.543	2225	53 47.17N	127 38.61E	54 14N	127 47E	614849	25101	192 12	36 58	ND	ND	ND	2.824
153	4 57 13.769	2225	53 38.20N	127 35.34E	54 5N	127 43E	614677	25101	192 10	37 7	ND	ND	ND	2.824
154	4 57 15.998	2230	53 29.21N	127 32.09E	53 56N	127 40E	614504	25101	192 9	37 16	ND	ND	ND	2.818
155	4 57 18.224	2225	53 20.23N	127 28.86E	53 47N	127 37E	614334	25102	192 7	37 25	ND	ND	ND	2.824
156	4 57 20.448	2225	53 11.26N	127 25.65E	53 38N	127 34E	614164	25102	192 5	37 33	ND	ND	ND	2.824
157	4 57 22.674	2225	53 2.28N	127 22.46E	53 29N	127 30E	613994	25103	192 4	37 42	ND	ND	ND	2.824
158	4 57 24.899	2226	52 53.30N	127 19.29E	53 20N	127 27E	613825	25103	192 2	37 51	ND	ND	ND	2.823
159	4 57 27.129	2229	52 44.31N	127 16.13E	53 11N	127 24E	613657	25103	192 0	38 0	ND	ND	ND	2.819
160	4 57 29.349	2220	52 35.35N	127 13.00E	53 2N	127 21E	613490	25104	191 59	38 8	ND	ND	ND	2.830
161	4 57 31.573	2225	52 26.37N	127 9.88E	52 53N	127 17E	613324	25104	191 57	38 17	ND	ND	ND	2.824
162	4 57 33.800	2226	52 17.38N	127 6.78E	52 44N	127 14E	613158	25105	191 55	38 26	ND	ND	ND	2.823
163	4 57 36.024	2225	52 8.40N	127 3.69E	52 35N	127 11E	612993	25105	191 54	38 35	ND	ND	ND	2.824
164	4 57 38.248	2224	51 59.42N	127 0.63E	52 26N	127 8E	612829	25105	191 52	38 43	ND	ND	ND	2.825
165	4 57 40.474	2225	51 50.44N	126 57.57E	52 17N	127 5E	612666	25106	191 51	38 52	ND	ND	ND	2.824
166	4 57 42.698	2225	51 41.45N	126 54.54E	52 8N	127 2E	612503	25106	191 49	39 1	ND	ND	ND	2.824
167	4 57 44.920	2221	51 32.48N	126 51.53E	51 59N	126 59E	612341	25107	191 48	39 10	ND	ND	ND	2.829
168	4 57 47.144	2224	51 23.49N	126 48.53E	51 50N	126 56E	612180	25107	191 46	39 18	ND	ND	ND	2.825
169	4 57 49.368	2225	51 14.50N	126 45.54E	51 41N	126 53E	612020	25107	191 45	39 27	ND	ND	ND	2.824
170	4 57 51.589	2220	51 5.53N	126 42.57E	51 32N	126 50E	611861	25108	191 43	39 36	ND	ND	ND	2.830
171	4 57 53.813	2225	50 56.54N	126 39.62E	51 23N	126 47E	611703	25108	191 42	39 45	ND	ND	ND	2.824
172	4 57 56.033	2220	50 47.57N	126 36.68E	51 14N	126 44E	611546	25108	191 41	39 53	ND	ND	ND	2.830
173	4 57 58.259	2225	50 38.57N	126 33.76E	51 5N	126 41E	611388	25109	191 39	40 2	ND	ND	ND	2.824
174	4 58 0.483	2225	50 29.58N	126 30.85E	50 56N	126 38E	611232	25109	191 38	40 11	ND	ND	ND	2.824
175	4 58 2.703	2220	50 20.60N	126 27.96E	50 47N	126 35E	611077	25110	191 36	40 20	ND	ND	ND	2.830
176	4 58 4.929	2225	50 11.60N	126 25.08E	50 38N	126 32E	610923	25110	191 35	40 28	ND	ND	ND	2.824
177	4 58 7.148	2220	50 2.62N	126 22.22E	50 29N	126 29E	610769	25110	191 34	40 37	ND	ND	ND	2.830
178	4 58 9.369	2221	49 53.64N	126 19.37E	50 20N	126 26E	610617	25111	191 32	40 46	ND	ND	ND	2.829
179	4 58 11.594	2224	49 44.64N	126 16.54E	50 11N	126 23E	610465	25111	191 31	40 55	ND	ND	ND	2.825
180	4 58 13.813	2220	49 35.66N	126 13.72E	50 2N	126 20E	610314	25111	191 30	41 3	ND	ND	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
181	4	58	16.034	2221	49	26.67N	126	10.91E	49	53N	126	18E	610164	25112	191	29	41	12	ND		ND		ND		2.829
182	4	58	18.259	2224	49	17.67N	126	8.12E	49	44N	126	15E	610014	25112	191	27	41	21	ND		ND		ND		2.825
183	4	58	20.483	2225	49	8.67N	126	5.34E	49	35N	126	12E	609866	25113	191	26	41	30	ND		ND		ND		2.824
184	4	58	22.703	2220	48	59.68N	126	2.57E	49	26N	126	9E	609719	25113	191	25	41	38	ND		ND		ND		2.830
185	4	58	24.924	2220	48	50.69N	125	59.82E	49	17N	126	6E	609571	25113	191	23	41	47	ND		ND		ND		2.830
186	4	58	27.148	2225	48	41.68N	125	57.08E	49	8N	126	3E	609426	25114	191	22	41	56	ND		ND		ND		2.824
187	4	58	29.368	2220	48	32.70N	125	54.35E	48	59N	126	1E	609281	25114	191	21	42	4	ND		ND		ND		2.830
188	4	58	31.589	2220	48	23.70N	125	51.64E	48	50N	125	58E	609137	25114	191	20	42	13	ND		ND		ND		2.830
189	4	58	33.809	2220	48	14.71N	125	48.94E	48	41N	125	55E	608994	25115	191	19	42	22	ND		ND		ND		2.830
190	4	58	36.028	2220	48	5.72N	125	46.26E	48	32N	125	53E	608851	25115	191	17	42	31	ND		ND		ND		2.830
191	4	58	38.248	2220	47	56.73N	125	43.58E	48	23N	125	50E	608709	25115	191	16	42	39	ND		ND		ND		2.830
192	4	58	40.469	2220	47	47.73N	125	40.92E	48	14N	125	47E	608569	25116	191	15	42	48	ND		ND		ND		2.830
193	4	58	42.689	2221	47	38.73N	125	38.27E	48	5N	125	44E	608429	25116	191	14	42	57	ND		ND		ND		2.829
194	4	58	44.913	2224	47	29.72N	125	35.63E	47	56N	125	42E	608291	25116	191	13	43	5	ND		ND		ND		2.825
195	4	58	47.134	2220	47	20.72N	125	33.00E	47	47N	125	39E	608153	25117	191	12	43	14	ND		ND		ND		2.830
196	4	58	49.354	2221	47	11.72N	125	30.38E	47	38N	125	36E	608016	25117	191	11	43	23	ND		ND		ND		2.829
197	4	58	51.573	2219	47	2.73N	125	27.78E	47	29N	125	34E	607880	25117	191	10	43	32	ND		ND		ND		2.832
198	4	58	53.799	2225	46	53.71N	125	25.19E	47	20N	125	31E	607745	25118	191	9	43	40	ND		ND		ND		2.824
199	4	58	56.019	2220	46	44.71N	125	22.61E	47	11N	125	29E	607611	25118	191	7	43	49	ND		ND		ND		2.830
200	4	58	58.238	2220	46	35.71N	125	20.04E	47	2N	125	26E	607477	25118	191	6	43	58	ND		ND		ND		2.830
201	4	59	0.454	2216	46	26.72N	125	17.48E	46	53N	125	23E	607345	25119	191	5	44	6	ND		ND		ND		2.835
202	4	59	2.679	2224	46	17.70N	125	14.93E	46	44N	125	21E	607213	25119	191	4	44	15	ND		ND		ND		2.825
203	4	59	4.898	2220	46	8.70N	125	12.39E	46	35N	125	18E	607083	25119	191	3	44	24	ND		ND		ND		2.830
204	4	59	7.118	2220	45	59.69N	125	9.87E	46	26N	125	16E	606954	25120	191	2	44	32	ND		ND		ND		2.830
205	4	59	9.339	2220	45	50.68N	125	7.35E	46	17N	125	13E	606825	25120	191	1	44	41	ND		ND		ND		2.830
206	4	59	11.559	2220	45	41.68N	125	4.85E	46	8N	125	11E	606698	25120	191	0	44	50	ND		ND		ND		2.830
207	4	59	13.778	2220	45	32.67N	125	2.36E	45	59N	125	8E	606571	25121	190	59	44	58	ND		ND		ND		2.830
208	4	59	16.004	2225	45	23.64N	124	59.87E	45	50N	125	6E	606445	25121	190	58	45	7	ND		ND		ND		2.824
209	4	59	18.219	2215	45	14.65N	124	57.40E	45	41N	125	3E	606320	25121	190	57	45	16	ND		ND		ND		2.837
210	4	59	20.443	2225	45	5.62N	124	54.93E	45	32N	125	1E	606196	25122	190	56	45	24	ND		ND		ND		2.824
211	4	59	22.658	2215	44	56.63N	124	52.48E	45	23N	124	58E	606074	25122	190	55	45	33	ND		ND		ND		2.837
212	4	59	24.879	2220	44	47.62N	124	50.04E	45	14N	124	56E	605952	25122	190	54	45	42	ND		ND		ND		2.830
213	4	59	27.099	2220	44	38.61N	124	47.60E	45	5N	124	53E	605831	25122	190	54	45	50	ND		ND		ND		2.830
214	4	59	29.318	2220	44	29.59N	124	45.18E	44	56N	124	51E	605711	25123	190	53	45	59	ND		ND		ND		2.830
215	4	59	31.538	2220	44	20.58N	124	42.76E	44	47N	124	48E	605592	25123	190	52	46	8	ND		ND		ND		2.830
216	4	59	33.759	2220	44	11.56N	124	40.36E	44	38N	124	46E	605474	25123	190	51	46	16	ND		ND		ND		2.830
217	4	59	35.979	2220	44	2.55N	124	37.96E	44	29N	124	43E	605358	25124	190	50	46	25	ND		ND		ND		2.830
218	4	59	38.198	2220	43	53.53N	124	35.57E	44	20N	124	41E	605241	25124	190	49	46	34	ND		ND		ND		2.830
219	4	59	40.418	2220	43	44.52N	124	33.20E	44	11N	124	39E	605127	25124	190	48	46	42	ND		ND		ND		2.830
220	4	59	42.634	2215	43	35.51N	124	30.83E	44	2N	124	36E	605013	25124	190	47	46	51	ND		ND		ND		2.837
221	4	59	44.854	2220	43	26.50N	124	28.47E	43	53N	124	34E	604900	25125	190	46	47	0	ND		ND		ND		2.830
222	4	59	47.073	2220	43	17.48N	124	26.12E	43	44N	124	31E	604789	25125	190	46	47	8	ND		ND		ND		2.830
223	4	59	49.293	2220	43	8.46N	124	23.78E	43	35N	124	29E	604678	25125	190	45	47	17	ND		ND		ND		2.830
224	4	59	51.509	2215	42	59.45N	124	21.45E	43	26N	124	27E	604568	25126	190	44	47	26	ND		ND		ND		2.837
225	4	59	53.729	2220	42	50.43N	124	19.13E	43	17N	124	24E	604459	25126	190	43	47	34	ND		ND		ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	4	59	55.948	2220	42	41.41N	124	16.81E	43	8N	124	22E	604351	25126	190	42	47	43	ND		ND		ND		2.830
227	4	59	58.168	2220	42	32.39N	124	14.50E	42	59N	124	20E	604244	25126	190	41	47	51	ND		ND		ND		2.830
228	5	0	0.384	2215	42	23.38N	124	12.21E	42	50N	124	17E	604139	25127	190	41	48	0	ND		ND		ND		2.837
229	5	0	2.604	2220	42	14.36N	124	9.92E	42	41N	124	15E	604034	25127	190	40	48	9	ND		ND		ND		2.830
230	5	0	4.823	2220	42	5.33N	124	7.64E	42	32N	124	13E	603931	25127	190	39	48	17	ND		ND		ND		2.830
231	5	0	7.038	2215	41	56.33N	124	5.37E	42	23N	124	10E	603828	25127	190	38	48	26	ND		ND		ND		2.837
232	5	0	9.259	2220	41	47.30N	124	3.10E	42	14N	124	8E	603727	25128	190	37	48	35	ND		ND		ND		2.830
233	5	0	11.474	2215	41	38.29N	124	0.85E	42	5N	124	6E	603626	25128	190	37	48	43	ND		ND		ND		2.837
234	5	0	13.694	2221	41	29.26N	123	58.59E	41	56N	124	4E	603526	25128	190	36	48	52	ND		ND		ND		2.829
235	5	0	15.913	2219	41	20.24N	123	56.35E	41	47N	124	1E	603429	25128	190	35	49	0	ND		ND		ND		2.832
236	5	0	18.134	2220	41	11.20N	123	54.12E	41	38N	123	59E	603331	25129	190	34	49	9	ND		ND		ND		2.830
237	5	0	20.354	2220	41	2.17N	123	51.89E	41	29N	123	57E	603235	25129	190	34	49	18	ND		ND		ND		2.830
238	5	0	22.569	2216	40	53.16N	123	49.67E	41	20N	123	55E	603140	25129	190	33	49	26	ND		ND		ND		2.835
239	5	0	24.788	2219	40	44.13N	123	47.46E	41	10N	123	52E	603046	25129	190	32	49	35	ND		ND		ND		2.832
240	5	0	27.009	2220	40	35.10N	123	45.26E	41	1N	123	50E	602953	25130	190	32	49	43	ND		ND		ND		2.830
241	5	0	29.224	2215	40	26.08N	123	43.06E	40	52N	123	48E	602861	25130	190	31	49	52	ND		ND		ND		2.837
242	5	0	31.443	2220	40	17.05N	123	40.87E	40	43N	123	46E	602771	25130	190	30	50	0	ND		ND		ND		2.830
243	5	0	33.663	2220	40	8.02N	123	38.69E	40	34N	123	43E	602681	25130	190	29	50	9	ND		ND		ND		2.830
244	5	0	35.884	2220	39	58.98N	123	36.51E	40	25N	123	41E	602593	25130	190	29	50	18	ND		ND		ND		2.830
245	5	0	38.099	2215	39	49.97N	123	34.35E	40	16N	123	39E	602505	25131	190	28	50	26	ND		ND		ND		2.837
246	5	0	40.318	2220	39	40.93N	123	32.19E	40	7N	123	37E	602419	25131	190	27	50	35	ND		ND		ND		2.830
247	5	0	42.538	2220	39	31.89N	123	30.03E	39	58N	123	35E	602333	25131	190	27	50	43	ND		ND		ND		2.830
248	5	0	44.759	2220	39	22.85N	123	27.88E	39	49N	123	33E	602249	25131	190	26	50	52	ND		ND		ND		2.830
249	5	0	46.974	2215	39	13.84N	123	25.75E	39	40N	123	30E	602167	25132	190	25	51	1	ND		ND		ND		2.837
250	5	0	49.193	2220	39	4.80N	123	23.61E	39	31N	123	28E	602084	25132	190	25	51	9	ND		ND		ND		2.830
251	5	0	51.413	2220	38	55.76N	123	21.48E	39	22N	123	26E	602003	25132	190	24	51	18	ND		ND		ND		2.830
252	5	0	53.630	2216	38	46.73N	123	19.36E	39	13N	123	24E	601924	25132	190	24	51	26	ND		ND		ND		2.835
253	5	0	55.849	2219	38	37.70N	123	17.25E	39	4N	123	22E	601846	25132	190	23	51	35	ND		ND		ND		2.832
254	5	0	58.063	2215	38	28.68N	123	15.15E	38	55N	123	20E	601768	25133	190	22	51	43	ND		ND		ND		2.837
255	5	1	0.283	2220	38	19.63N	123	13.05E	38	46N	123	18E	601692	25133	190	22	51	52	ND		ND		ND		2.830
256	5	1	2.499	2216	38	10.61N	123	10.95E	38	37N	123	15E	601617	25133	190	21	52	0	ND		ND		ND		2.835
257	5	1	4.719	2219	38	1.57N	123	8.87E	38	28N	123	13E	601544	25133	190	20	52	9	ND		ND		ND		2.832
258	5	1	6.935	2216	37	52.54N	123	6.79E	38	19N	123	11E	601471	25133	190	20	52	17	ND		ND		ND		2.835
259	5	1	9.154	2220	37	43.50N	123	4.71E	38	10N	123	9E	601399	25133	190	19	52	26	ND		ND		ND		2.830
260	5	1	11.369	2215	37	34.47N	123	2.64E	38	1N	123	7E	601329	25134	190	19	52	34	ND		ND		ND		2.837
261	5	1	13.589	2219	37	25.43N	123	0.58E	37	52N	123	5E	601259	25134	190	18	52	43	ND		ND		ND		2.832
262	5	1	15.809	2220	37	16.38N	122	58.52E	37	43N	123	3E	601191	25134	190	18	52	51	ND		ND		ND		2.830
263	5	1	18.023	2215	37	7.36N	122	56.47E	37	34N	123	1E	601124	25134	190	17	53	0	ND		ND		ND		2.837
264	5	1	20.243	2220	36	58.31N	122	54.43E	37	25N	122	59E	601058	25134	190	16	53	8	ND		ND		ND		2.830
265	5	1	22.458	2215	36	49.28N	122	52.39E	37	16N	122	57E	600993	25134	190	16	53	17	ND		ND		ND		2.837
266	5	1	24.679	2220	36	40.23N	122	50.35E	37	7N	122	55E	600931	25135	190	15	53	25	ND		ND		ND		2.830
267	5	1	26.898	2220	36	31.19N	122	48.33E	36	57N	122	53E	600868	25135	190	15	53	34	ND		ND		ND		2.830
268	5	1	29.113	2215	36	22.16N	122	46.31E	36	48N	122	51E	600807	25135	190	14	53	42	ND		ND		ND		2.837
269	5	1	31.328	2215	36	13.13N	122	44.29E	36	39N	122	49E	600748	25135	190	14	53	51	ND		ND		ND		2.837
270	5	1	33.549	2220	36	4.07N	122	42.28E	36	30N	122	47E	600689	25135	190	13	53	59	ND		ND		ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
271	5	1	35.769	2220	35	55.02N	122	40.27E	36	21N	122	44E	600631	25135	190	13	54	8	ND		ND		ND		2.830
272	5	1	37.983	2215	35	45.99N	122	38.28E	36	12N	122	42E	600575	25136	190	12	54	16	ND		ND		ND		2.837
273	5	1	40.203	2220	35	36.94N	122	36.28E	36	3N	122	40E	600520	25136	190	12	54	25	ND		ND		ND		2.830
274	5	1	42.424	2220	35	27.89N	122	34.29E	35	54N	122	38E	600466	25136	190	11	54	33	ND		ND		ND		2.830
275	5	1	44.639	2215	35	18.86N	122	32.31E	35	45N	122	36E	600413	25136	190	11	54	42	ND		ND		ND		2.837
276	5	1	46.858	2220	35	9.80N	122	30.33E	35	36N	122	34E	600362	25136	190	10	54	50	ND		ND		ND		2.830
277	5	1	49.073	2215	35	0.77N	122	28.36E	35	27N	122	32E	600312	25136	190	10	54	59	ND		ND		ND		2.837
278	5	1	51.288	2215	34	51.74N	122	26.39E	35	18N	122	30E	600262	25136	190	9	55	7	ND		ND		ND		2.837
279	5	1	53.509	2220	34	42.68N	122	24.43E	35	9N	122	29E	600215	25137	190	9	55	16	ND		ND		ND		2.830
280	5	1	55.724	2215	34	33.64N	122	22.47E	35	0N	122	27E	600169	25137	190	8	55	24	ND		ND		ND		2.837
281	5	1	57.943	2220	34	24.59N	122	20.52E	34	51N	122	25E	600123	25137	190	8	55	32	ND		ND		ND		2.830
282	5	2	0.158	2215	34	15.55N	122	18.58E	34	42N	122	23E	600079	25137	190	7	55	41	ND		ND		ND		2.837
283	5	2	2.379	2220	34	6.49N	122	16.63E	34	33N	122	21E	600037	25137	190	7	55	49	ND		ND		ND		2.830
284	5	2	4.594	2215	33	57.46N	122	14.70E	34	24N	122	19E	599995	25137	190	6	55	58	ND		ND		ND		2.837
285	5	2	6.809	2215	33	48.42N	122	12.77E	34	15N	122	17E	599955	25137	190	6	56	6	ND		ND		ND		2.837
286	5	2	9.028	2220	33	39.36N	122	10.84E	34	6N	122	15E	599915	25137	190	5	56	14	ND		ND		ND		2.830
287	5	2	11.243	2215	33	30.32N	122	8.92E	33	57N	122	13E	599878	25137	190	5	56	23	ND		ND		ND		2.837
288	5	2	13.464	2220	33	21.26N	122	6.99E	33	48N	122	11E	599841	25138	190	4	56	31	ND		ND		ND		2.830
289	5	2	15.679	2215	33	12.22N	122	5.08E	33	38N	122	9E	599806	25138	190	4	56	40	ND		ND		ND		2.837
290	5	2	17.898	2220	33	3.16N	122	3.17E	33	29N	122	7E	599772	25138	190	4	56	48	ND		ND		ND		2.830
291	5	2	20.118	2220	32	54.10N	122	1.27E	33	20N	122	5E	599739	25138	190	3	56	56	ND		ND		ND		2.830
292	5	2	22.333	2215	32	45.06N	121	59.37E	33	11N	122	3E	599708	25138	190	3	57	5	ND		ND		ND		2.837
293	5	2	24.554	2220	32	36.00N	121	57.47E	33	2N	122	1E	599677	25138	190	2	57	13	ND		ND		ND		2.830
294	5	2	26.769	2215	32	26.96N	121	55.58E	32	53N	121	59E	599648	25138	190	2	57	21	ND		ND		ND		2.837
295	5	2	28.984	2216	32	17.91N	121	53.70E	32	44N	121	58E	599621	25138	190	1	57	30	ND		ND		ND		2.835
296	5	2	31.203	2219	32	8.85N	121	51.82E	32	35N	121	56E	599595	25138	190	1	57	38	ND		ND		ND		2.832
297	5	2	33.418	2215	31	59.81N	121	49.94E	32	26N	121	54E	599570	25138	190	1	57	46	ND		ND		ND		2.837
298	5	2	35.639	2220	31	50.74N	121	48.06E	32	17N	121	52E	599546	25138	190	0	57	55	ND		ND		ND		2.830
299	5	2	37.854	2216	31	41.70N	121	46.20E	32	8N	121	50E	599523	25138	190	0	58	3	ND		ND		ND		2.835
300	5	2	40.073	2219	31	32.64N	121	44.33E	31	59N	121	48E	599502	25138	189	59	58	11	ND		ND		ND		2.832
301	5	2	42.288	2215	31	23.59N	121	42.47E	31	50N	121	46E	599482	25139	189	59	58	20	ND		ND		ND		2.837
302	5	2	44.509	2220	31	14.52N	121	40.61E	31	41N	121	44E	599463	25139	189	59	58	28	ND		ND		ND		2.830
303	5	2	46.724	2215	31	5.48N	121	38.77E	31	32N	121	43E	599446	25139	189	58	58	36	ND		ND		ND		2.837
304	5	2	48.938	2215	30	56.43N	121	36.92E	31	23N	121	41E	599430	25139	189	58	58	45	ND		ND		ND		2.837
305	5	2	51.154	2216	30	47.38N	121	35.08E	31	14N	121	39E	599415	25139	189	57	58	53	ND		ND		ND		2.835
306	5	2	53.374	2220	30	38.32N	121	33.23E	31	5N	121	37E	599401	25139	189	57	59	1	ND		ND		ND		2.830
307	5	2	55.594	2219	30	29.25N	121	31.40E	30	55N	121	35E	599389	25139	189	57	59	10	ND		ND		ND		2.832
308	5	2	57.809	2215	30	20.20N	121	29.57E	30	46N	121	33E	599379	25139	189	56	59	18	ND		ND		ND		2.837
309	5	3	0.028	2220	30	11.14N	121	27.74E	30	37N	121	31E	599369	25139	189	56	59	26	ND		ND		ND		2.830
310	5	3	2.244	2216	30	2.08N	121	25.91E	30	28N	121	30E	599361	25139	189	56	59	34	ND		ND		ND		2.835
311	5	3	4.464	2219	29	53.02N	121	24.09E	30	19N	121	28E	599354	25139	189	55	59	43	ND		ND		ND		2.832
312	5	3	6.679	2215	29	43.97N	121	22.28E	30	10N	121	26E	599349	25139	189	55	59	51	ND		ND		ND		2.837
313	5	3	8.898	2220	29	34.90N	121	20.46E	30	1N	121	24E	599345	25139	189	55	59	59	ND		ND		ND		2.830
314	5	3	11.113	2215	29	25.85N	121	18.66E	29	52N	121	22E	599342	25139	189	54	60	7	ND		ND		ND		2.837
315	5	3	13.333	2220	29	16.78N	121	16.85E	29	43N	121	20E	599340	25139	189	54	60	15	ND		ND		ND		2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
316	5	3	15.550	2216	29	7.72N	121	15.05E	29	34N	121	19E	599341	25139	189	54	60	24	ND		ND		ND		2.835
317	5	3	17.769	2219	28	58.65N	121	13.25E	29	25N	121	17E	599341	25139	189	53	60	32	ND		ND		ND		2.832
318	5	3	19.988	2220	28	49.58N	121	11.45E	29	16N	121	15E	599344	25139	189	53	60	40	ND		ND		ND		2.830
319	5	9	3.688	43700	5	22.79N	117	1.21E	5	50N	117	4E	617230	25099	189	29	77	5	ND		ND		ND		0.018
320	5	9	6.859	3171	5	9.81N	116	59.05E	5	37N	117	2E	617562	25098	189	29	77	8	ND		ND		ND		1.981
321	5	9	9.413	2554	4	59.36N	116	57.31E	5	26N	117	0E	617832	25098	189	29	77	11	ND		ND		ND		2.460
322	5	9	11.793	2380	4	49.61N	116	55.69E	5	17N	116	59E	618086	25097	189	29	77	13	ND		ND		ND		2.640
323	5	9	14.104	2310	4	40.16N	116	54.11E	5	7N	116	57E	618334	25096	189	29	77	14	ND		ND		ND		2.720
324	5	9	16.384	2280	4	30.82N	116	52.56E	4	58N	116	55E	618579	25096	189	29	77	16	ND		ND		ND		2.756
325	5	9	18.648	2265	4	21.55N	116	51.01E	4	49N	116	54E	618825	25095	189	29	77	18	ND		ND		ND		2.774
326	5	9	20.903	2255	4	12.32N	116	49.48E	4	39N	116	52E	619072	25095	189	29	77	19	ND		ND		ND		2.786
327	5	9	23.158	2255	4	3.09N	116	47.94E	4	30N	116	51E	619320	25094	189	29	77	21	ND		ND		ND		2.786
328	5	9	25.408	2250	3	53.88N	116	46.41E	4	21N	116	49E	619569	25094	189	29	77	22	ND		ND		ND		2.793
329	5	9	27.653	2245	3	44.69N	116	44.88E	4	12N	116	48E	619819	25093	189	29	77	23	ND		ND		ND		2.799
330	5	9	29.903	2250	3	35.48N	116	43.35E	4	3N	116	46E	620071	25092	189	29	77	24	ND		ND		ND		2.793
331	5	9	32.148	2245	3	26.29N	116	41.83E	3	53N	116	45E	620324	25092	189	29	77	25	ND		ND		ND		2.799
332	5	9	34.394	2245	3	17.10N	116	40.30E	3	44N	116	43E	620578	25091	189	29	77	26	ND		ND		ND		2.799
333	5	9	36.640	2246	3	7.91N	116	38.77E	3	35N	116	42E	620834	25091	189	29	77	27	ND		ND		ND		2.798
334	5	9	38.884	2244	2	58.72N	116	37.25E	3	26N	116	40E	621092	25090	189	29	77	27	ND		ND		ND		2.800
335	5	9	41.129	2245	2	49.53N	116	35.72E	3	17N	116	39E	621351	25090	189	29	77	28	ND		ND		ND		2.799
336	5	9	43.373	2245	2	40.35N	116	34.20E	3	8N	116	37E	621611	25089	189	29	77	28	ND		ND		ND		2.799
337	5	9	45.614	2241	2	31.18N	116	32.67E	2	58N	116	36E	621872	25088	189	29	77	28	ND		ND		ND		2.804
338	5	9	47.859	2245	2	21.99N	116	31.15E	2	49N	116	34E	622136	25088	189	29	77	28	ND		ND		ND		2.799
339	5	9	50.104	2244	2	12.80N	116	29.62E	2	40N	116	32E	622401	25087	189	29	77	28	ND		ND		ND		2.800
340	5	9	52.349	2245	2	3.62N	116	28.10E	2	31N	116	31E	622667	25086	189	29	77	28	ND		ND		ND		2.799
341	5	9	54.594	2245	1	54.43N	116	26.58E	2	22N	116	29E	622936	25086	189	29	77	28	ND		ND		ND		2.799
342	5	9	56.839	2245	1	45.24N	116	25.05E	2	13N	116	28E	623205	25085	189	29	77	28	ND		ND		ND		2.799
343	5	9	59.083	2245	1	36.06N	116	23.53E	2	3N	116	26E	623476	25085	189	29	77	27	ND		ND		ND		2.799
344	5	10	1.328	2245	1	26.87N	116	22.00E	1	54N	116	25E	623749	25084	189	29	77	27	ND		ND		ND		2.799
345	5	10	3.573	2245	1	17.68N	116	20.48E	1	45N	116	23E	624023	25083	189	29	77	26	ND		ND		ND		2.799
346	5	10	5.819	2246	1	8.49N	116	18.96E	1	36N	116	22E	624299	25083	189	29	77	26	ND		ND		ND		2.798
347	5	10	8.068	2249	0	59.29N	116	17.43E	1	27N	116	20E	624576	25082	189	29	77	25	ND		ND		ND		2.794
348	5	10	10.313	2245	0	50.10N	116	15.91E	1	17N	116	19E	624855	25081	189	29	77	24	ND		ND		ND		2.799
349	5	10	12.559	2245	0	40.92N	116	14.38E	1	8N	116	17E	625135	25081	189	29	77	23	ND		ND		ND		2.799
350	5	10	14.809	2250	0	31.71N	116	12.86E	0	59N	116	16E	625416	25080	189	29	77	22	ND		ND		ND		2.793
351	5	10	17.054	2245	0	22.53N	116	11.33E	0	50N	116	14E	625700	25079	189	29	77	20	ND		ND		ND		2.799
352	5	10	19.300	2246	0	13.34N	116	9.81E	0	41N	116	13E	625984	25079	189	29	77	19	ND		ND		ND		2.798
353	5	10	21.549	2249	0	4.13N	116	8.28E	0	32N	116	11E	626271	25078	189	29	77	17	ND		ND		ND		2.794
354	5	10	23.795	2246	0	5.04S	116	6.76E	0	22N	116	10E	626559	25077	189	29	77	16	ND		ND		ND		2.798
355	5	10	26.043	2249	0	14.26S	116	5.24E	0	13N	116	8E	626848	25077	189	29	77	14	ND		ND		ND		2.794
356	5	10	28.288	2245	0	23.44S	116	3.71E	0	4N	116	7E	627138	25076	189	29	77	12	ND		ND		ND		2.799
357	5	10	30.538	2250	0	32.64S	116	2.19E	0	5S	116	5E	627430	25075	189	29	77	10	ND		ND		ND		2.793
358	5	10	32.788	2250	0	41.84S	116	0.66E	0	14S	116	4E	627724	25075	189	29	77	8	ND		ND		ND		2.793
359	5	10	35.038	2250	0	51.04S	115	59.13E	0	24S	116	2E	628020	25074	189	29	77	6	ND		ND		ND		2.793
360	5	10	37.288	2250	1	0.25S	115	57.61E	0	33S	116	1E	628317	25073	189	29	77	4	ND		ND		ND		2.793

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
361	5	10	39.534	2246	1	9.44S	115	56.08E	0	42S	115	59E	628614	25073	189	29	77	2	ND		ND		ND		2.798
362	5	10	41.788	2254	1	18.65S	115	54.55E	0	51S	115	57E	628915	25072	189	29	76	59	ND		ND		ND		2.788
363	5	10	44.039	2251	1	27.86S	115	53.03E	1	0S	115	56E	629216	25071	189	29	76	57	ND		ND		ND		2.791
364	5	10	46.293	2254	1	37.08S	115	51.50E	1	9S	115	54E	629520	25071	189	29	76	54	ND		ND		ND		2.788
365	5	10	48.543	2250	1	46.28S	115	49.97E	1	19S	115	53E	629823	25070	189	29	76	51	ND		ND		ND		2.793
366	5	10	50.799	2255	1	55.51S	115	48.44E	1	28S	115	51E	630131	25069	189	29	76	49	ND		ND		ND		2.786
367	5	10	53.054	2255	2	4.73S	115	46.91E	1	37S	115	50E	630438	25069	189	29	76	45	ND		ND		ND		2.786
368	5	10	55.304	2250	2	13.93S	115	45.38E	1	46S	115	48E	630747	25068	189	29	76	43	ND		ND		ND		2.793
369	5	10	57.563	2260	2	23.17S	115	43.85E	1	56S	115	47E	631059	25067	189	29	76	39	ND		ND		ND		2.780
370	5	10	59.818	2255	2	32.39S	115	42.32E	2	5S	115	45E	631370	25066	189	29	76	36	ND		ND		ND		2.786
371	5	11	2.074	2256	2	41.61S	115	40.79E	2	14S	115	44E	631684	25066	189	29	76	33	ND		ND		ND		2.785
372	5	11	4.333	2259	2	50.85S	115	39.25E	2	23S	115	42E	632000	25065	189	29	76	30	ND		ND		ND		2.781
373	5	11	6.590	2256	3	0.07S	115	37.72E	2	32S	115	41E	632317	25064	189	29	76	26	ND		ND		ND		2.785
374	5	11	8.854	2264	3	9.33S	115	36.18E	2	42S	115	39E	632636	25063	189	29	76	23	ND		ND		ND		2.775
375	5	11	11.108	2255	3	18.55S	115	34.65E	2	51S	115	38E	632955	25063	189	29	76	19	ND		ND		ND		2.786
376	5	11	13.368	2260	3	27.79S	115	33.11E	3	0S	115	36E	633277	25062	189	29	76	15	ND		ND		ND		2.780
377	5	11	15.629	2260	3	37.03S	115	31.58E	3	9S	115	35E	633600	25061	189	29	76	11	ND		ND		ND		2.780
378	5	11	17.894	2265	3	46.29S	115	30.04E	3	19S	115	33E	633925	25060	189	29	76	7	ND		ND		ND		2.774
379	5	11	20.154	2261	3	55.53S	115	28.50E	3	28S	115	31E	634251	25060	189	29	76	3	ND		ND		ND		2.779
380	5	11	22.418	2264	4	4.78S	115	26.96E	3	37S	115	30E	634579	25059	189	29	75	59	ND		ND		ND		2.775
381	5	11	59.636	37217	6	36.87S	115	1.59E	6	9S	115	5E	640173	25046	189	30	74	41	ND		ND		ND		0.169
382	5	12	2.828	3193	6	49.91S	114	59.41E	6	22S	115	2E	640670	25045	189	30	74	34	ND		ND		ND		1.968
383	5	12	5.444	2616	7	0.59S	114	57.62E	6	32S	115	1E	641080	25044	189	30	74	27	ND		ND		ND		2.402
384	5	12	7.858	2414	7	10.45S	114	55.96E	6	42S	114	59E	641460	25043	189	30	74	22	ND		ND		ND		2.603
385	5	12	10.224	2365	7	20.11S	114	54.35E	6	52S	114	57E	641833	25042	189	30	74	16	ND		ND		ND		2.657
386	5	12	12.559	2335	7	29.65S	114	52.75E	7	2S	114	56E	642203	25041	189	30	74	10	ND		ND		ND		2.691
387	5	12	14.873	2315	7	39.10S	114	51.16E	7	11S	114	54E	642572	25040	189	30	74	4	ND		ND		ND		2.714
388	5	12	17.184	2310	7	48.54S	114	49.58E	7	20S	114	53E	642941	25040	189	30	73	58	ND		ND		ND		2.720
389	5	12	19.483	2300	7	57.93S	114	48.00E	7	30S	114	51E	643310	25039	189	30	73	53	ND		ND		ND		2.732
390	5	12	21.792	2309	8	7.36S	114	46.41E	7	39S	114	49E	643681	25038	189	30	73	47	ND		ND		ND		2.721
391	5	12	24.084	2292	8	16.72S	114	44.84E	7	48S	114	48E	644051	25037	189	31	73	41	ND		ND		ND		2.741
392	5	12	26.384	2299	8	26.11S	114	43.26E	7	58S	114	46E	644425	25036	189	31	73	35	ND		ND		ND		2.733
393	5	12	28.679	2295	8	35.48S	114	41.69E	8	7S	114	45E	644798	25035	189	31	73	29	ND		ND		ND		2.738
394	5	12	30.979	2300	8	44.87S	114	40.10E	8	17S	114	43E	645174	25034	189	31	73	23	ND		ND		ND		2.732
395	5	12	33.278	2300	8	54.25S	114	38.52E	8	26S	114	42E	645551	25033	189	31	73	16	ND		ND		ND		2.732
396	5	12	35.578	2300	9	3.64S	114	36.94E	8	35S	114	40E	645930	25033	189	31	73	10	ND		ND		ND		2.732
397	5	12	37.873	2295	9	13.01S	114	35.36E	8	45S	114	38E	646308	25032	189	31	73	4	ND		ND		ND		2.738
398	5	12	40.174	2300	9	22.40S	114	33.77E	8	54S	114	37E	646690	25031	189	31	72	58	ND		ND		ND		2.732
399	5	12	42.474	2300	9	31.79S	114	32.19E	9	3S	114	35E	647072	25030	189	31	72	51	ND		ND		ND		2.732
400	5	12	44.769	2295	9	41.16S	114	30.61E	9	13S	114	34E	647456	25029	189	31	72	45	ND		ND		ND		2.738
401	5	12	47.068	2300	9	50.54S	114	29.02E	9	22S	114	32E	647841	25028	189	31	72	38	ND		ND		ND		2.732
402	5	12	49.373	2305	9	59.95S	114	27.43E	9	32S	114	31E	648228	25027	189	31	72	32	ND		ND		ND		2.726
403	5	12	51.674	2300	10	9.34S	114	25.84E	9	41S	114	29E	648617	25026	189	31	72	25	ND		ND		ND		2.732

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	6	20	51.279	0	74	19.37N	120	24.30E	74	46N	121	5E	643737	25032	203	33	16	20	ND		ND		ND		1.948
2	6	20	54.505	3225	74	7.23N	120	4.98E	74	34N	120	44E	643400	25032	203	16	16	33	ND		ND		ND		1.948
3	6	20	57.135	2630	73	57.31N	119	49.57E	74	24N	120	28E	643126	25033	203	2	16	43	ND		ND		ND		2.389
4	6	20	59.578	2444	73	48.08N	119	35.51E	74	14N	120	13E	642872	25034	202	50	16	53	ND		ND		ND		2.571
5	6	21	1.969	2390	73	39.03N	119	22.00E	74	5N	119	59E	642623	25034	202	38	17	3	ND		ND		ND		2.629
6	6	21	4.328	2360	73	30.09N	119	8.89E	73	57N	119	45E	642378	25035	202	26	17	12	ND		ND		ND		2.662
7	6	21	6.668	2340	73	21.22N	118	56.10E	73	48N	119	32E	642135	25035	202	15	17	21	ND		ND		ND		2.685
8	6	21	9.004	2335	73	12.34N	118	43.54E	73	39N	119	19E	641893	25036	202	4	17	31	ND		ND		ND		2.691
9	6	21	11.323	2320	73	3.52N	118	31.27E	73	30N	119	6E	641652	25037	201	54	17	40	ND		ND		ND		2.708
10	6	21	13.644	2320	72	54.68N	118	19.19E	73	21N	118	53E	641412	25037	201	43	17	49	ND		ND		ND		2.708
11	6	21	15.959	2316	72	45.85N	118	7.32E	73	12N	118	41E	641172	25038	201	33	17	58	ND		ND		ND		2.713
12	6	21	18.273	2314	72	37.01N	117	55.65E	73	4N	118	29E	640933	25038	201	23	18	7	ND		ND		ND		2.715
13	6	21	20.583	2310	72	28.18N	117	44.18E	72	55N	118	16E	640695	25039	201	13	18	17	ND		ND		ND		2.720
14	6	21	22.889	2305	72	19.36N	117	32.90E	72	46N	118	5E	640457	25039	201	4	18	26	ND		ND		ND		2.726
15	6	21	25.198	2310	72	10.51N	117	21.78E	72	37N	117	53E	640219	25040	200	54	18	35	ND		ND		ND		2.720
16	6	21	27.498	2300	72	1.69N	117	10.87E	72	28N	117	42E	639983	25040	200	45	18	44	ND		ND		ND		2.732
17	6	21	29.804	2305	71	52.83N	117	0.09E	72	19N	117	30E	639745	25041	200	36	18	53	ND		ND		ND		2.726
18	6	21	32.104	2300	71	43.99N	116	49.50E	72	11N	117	19E	639509	25042	200	27	19	2	ND		ND		ND		2.732
19	6	21	34.398	2295	71	35.16N	116	39.09E	72	2N	117	8E	639274	25042	200	18	19	11	ND		ND		ND		2.738
20	6	21	36.698	2300	71	26.31N	116	28.81E	71	53N	116	58E	639038	25043	200	9	19	21	ND		ND		ND		2.732
21	6	21	38.993	2295	71	17.46N	116	18.69E	71	44N	116	47E	638803	25043	200	1	19	30	ND		ND		ND		2.738
22	6	21	41.288	2295	71	8.60N	116	8.72E	71	35N	116	37E	638568	25044	199	52	19	39	ND		ND		ND		2.738
23	6	21	43.583	2295	70	59.74N	115	58.89E	71	26N	116	26E	638333	25044	199	44	19	48	ND		ND		ND		2.738
24	6	21	45.869	2286	70	50.90N	115	49.23E	71	18N	116	16E	638100	25045	199	36	19	57	ND		ND		ND		2.749
25	6	21	48.158	2289	70	42.05N	115	39.70E	71	9N	116	6E	637867	25045	199	28	20	6	ND		ND		ND		2.745
26	6	21	50.448	2290	70	33.18N	115	30.29E	71	0N	115	57E	637634	25046	199	20	20	15	ND		ND		ND		2.744
27	6	21	52.733	2285	70	24.32N	115	21.02E	70	51N	115	47E	637401	25047	199	13	20	24	ND		ND		ND		2.750
28	6	21	55.023	2290	70	15.44N	115	11.87E	70	42N	115	37E	637169	25047	199	5	20	33	ND		ND		ND		2.744
29	6	21	57.304	2280	70	6.59N	115	2.87E	70	33N	115	28E	636937	25048	198	58	20	42	ND		ND		ND		2.756
30	6	21	59.589	2285	69	57.71N	114	53.98E	70	25N	115	19E	636706	25048	198	51	20	52	ND		ND		ND		2.750
31	6	22	1.868	2280	69	48.85N	114	45.22E	70	16N	115	10E	636475	25049	198	43	21	1	ND		ND		ND		2.756
32	6	22	4.149	2281	69	39.98N	114	36.57E	70	7N	115	1E	636245	25049	198	36	21	10	ND		ND		ND		2.755
33	6	22	6.429	2279	69	31.10N	114	28.04E	69	58N	114	52E	636014	25050	198	29	21	19	ND		ND		ND		2.757
34	6	22	8.708	2280	69	22.22N	114	19.62E	69	49N	114	43E	635784	25050	198	23	21	28	ND		ND		ND		2.756
35	6	22	10.984	2276	69	13.35N	114	11.31E	69	40N	114	34E	635555	25051	198	16	21	37	ND		ND		ND		2.761
36	6	22	13.260	2275	69	4.47N	114	3.11E	69	31N	114	26E	635327	25051	198	9	21	46	ND		ND		ND		2.762
37	6	22	15.533	2274	68	55.60N	113	55.03E	69	22N	114	18E	635099	25052	198	3	21	55	ND		ND		ND		2.763
38	6	22	17.809	2275	68	46.71N	113	47.03E	69	14N	114	9E	634871	25052	197	56	22	4	ND		ND		ND		2.762
39	6	22	20.083	2275	68	37.82N	113	39.14E	69	5N	114	1E	634643	25053	197	50	22	13	ND		ND		ND		2.762
40	6	22	22.358	2275	68	28.92N	113	31.34E	68	56N	113	53E	634415	25054	197	44	22	22	ND		ND		ND		2.762
41	6	22	24.629	2270	68	20.03N	113	23.64E	68	47N	113	45E	634189	25054	197	38	22	31	ND		ND		ND		2.768
42	6	22	26.898	2270	68	11.14N	113	16.05E	68	38N	113	37E	633963	25055	197	32	22	40	ND		ND		ND		2.768
43	6	22	29.168	2270	68	2.25N	113	8.54E	68	29N	113	29E	633737	25055	197	26	22	49	ND		ND		ND		2.768
44	6	22	31.436	2267	67	53.36N	113	1.13E	68	20N	113	22E	633512	25056	197	20	22	58	ND		ND		ND		2.772
45	6	22	33.703	2268	67	44.47N	112	53.81E	68	11N	113	14E	633286	25056	197	14	23	7	ND		ND		ND		2.770

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	6	22	35.969	2265	67	35.57N	112	46.58E	68	2N	113	7E	633062	25057	197	9	23	16	ND	ND	ND	2.774
47	6	22	38.238	2270	67	26.66N	112	39.41E	67	54N	112	59E	632837	25057	197	3	23	25	ND	ND	ND	2.768
48	6	22	40.504	2265	67	17.76N	112	32.34E	67	45N	112	52E	632614	25058	196	58	23	34	ND	ND	ND	2.774
49	6	22	42.769	2265	67	8.86N	112	25.36E	67	36N	112	45E	632390	25058	196	52	23	43	ND	ND	ND	2.774
50	6	22	45.028	2260	66	59.97N	112	18.46E	67	27N	112	37E	632168	25059	196	47	23	52	ND	ND	ND	2.780
51	6	22	47.293	2265	66	51.06N	112	11.63E	67	18N	112	30E	631945	25059	196	42	24	1	ND	ND	ND	2.774
52	6	22	49.554	2260	66	42.15N	112	4.89E	67	9N	112	23E	631723	25060	196	37	24	10	ND	ND	ND	2.780
53	6	22	51.813	2260	66	33.25N	111	58.22E	67	0N	112	16E	631502	25060	196	31	24	19	ND	ND	ND	2.780
54	6	22	54.068	2255	66	24.37N	111	51.64E	66	51N	112	10E	631281	25061	196	26	24	28	ND	ND	ND	2.786
55	6	22	56.328	2260	66	15.46N	111	45.11E	66	42N	112	3E	631061	25061	196	22	24	37	ND	ND	ND	2.780
56	6	22	58.589	2260	66	6.54N	111	38.65E	66	33N	111	56E	630840	25062	196	17	24	46	ND	ND	ND	2.780
57	6	23	0.842	2253	65	57.65N	111	32.28E	66	25N	111	50E	630622	25063	196	12	24	55	ND	ND	ND	2.789
58	6	23	3.095	2253	65	48.75N	111	25.98E	66	16N	111	43E	630403	25063	196	7	25	4	ND	ND	ND	2.789
59	6	23	5.354	2259	65	39.83N	111	19.73E	66	7N	111	37E	630184	25064	196	2	25	13	ND	ND	ND	2.781
60	6	23	7.608	2255	65	30.92N	111	13.55E	65	58N	111	30E	629966	25064	195	58	25	22	ND	ND	ND	2.786
61	6	23	9.858	2250	65	22.03N	111	7.45E	65	49N	111	24E	629748	25065	195	53	25	30	ND	ND	ND	2.793
62	6	23	12.113	2255	65	13.11N	111	1.40E	65	40N	111	18E	629531	25065	195	49	25	39	ND	ND	ND	2.786
63	6	23	14.363	2250	65	4.21N	110	55.43E	65	31N	111	12E	629315	25066	195	44	25	48	ND	ND	ND	2.793
64	6	23	16.618	2255	64	55.28N	110	49.50E	65	22N	111	6E	629098	25066	195	40	25	57	ND	ND	ND	2.786
65	6	23	18.868	2250	64	46.37N	110	43.64E	65	13N	110	59E	628882	25067	195	36	26	6	ND	ND	ND	2.793
66	6	23	21.113	2245	64	37.48N	110	37.85E	65	4N	110	54E	628668	25067	195	32	26	15	ND	ND	ND	2.799
67	6	23	23.363	2250	64	28.56N	110	32.11E	64	56N	110	48E	628453	25068	195	27	26	24	ND	ND	ND	2.793
68	6	23	25.613	2250	64	19.64N	110	26.42E	64	47N	110	42E	628239	25068	195	23	26	33	ND	ND	ND	2.793
69	6	23	27.858	2245	64	10.74N	110	20.80E	64	38N	110	36E	628026	25069	195	19	26	42	ND	ND	ND	2.799
70	6	23	30.104	2245	64	1.84N	110	15.23E	64	29N	110	30E	627812	25069	195	15	26	51	ND	ND	ND	2.799
71	6	23	32.354	2250	63	52.91N	110	9.70E	64	20N	110	25E	627599	25070	195	11	27	0	ND	ND	ND	2.793
72	6	23	34.599	2245	63	43.99N	110	4.24E	64	11N	110	19E	627387	25070	195	7	27	9	ND	ND	ND	2.799
73	6	23	36.840	2241	63	35.09N	109	58.84E	64	2N	110	13E	627176	25071	195	4	27	18	ND	ND	ND	2.804
74	6	23	39.084	2245	63	26.18N	109	53.48E	63	53N	110	8E	626965	25071	195	0	27	26	ND	ND	ND	2.799
75	6	23	41.328	2244	63	17.26N	109	48.17E	63	44N	110	2E	626754	25072	194	56	27	35	ND	ND	ND	2.800
76	6	23	43.573	2245	63	8.34N	109	42.91E	63	35N	109	57E	626544	25072	194	52	27	44	ND	ND	ND	2.799
77	6	23	45.818	2245	62	59.41N	109	37.69E	63	26N	109	52E	626334	25073	194	49	27	53	ND	ND	ND	2.799
78	6	23	48.059	2240	62	50.50N	109	32.53E	63	17N	109	46E	626125	25073	194	45	28	2	ND	ND	ND	2.805
79	6	23	50.299	2240	62	41.58N	109	27.42E	63	9N	109	41E	625917	25074	194	42	28	11	ND	ND	ND	2.805
80	6	23	52.540	2242	62	32.66N	109	22.35E	63	0N	109	36E	625709	25074	194	38	28	20	ND	ND	ND	2.802
81	6	23	54.783	2243	62	23.73N	109	17.33E	62	51N	109	31E	625501	25075	194	35	28	29	ND	ND	ND	2.801
82	6	23	57.020	2236	62	14.83N	109	12.36E	62	42N	109	26E	625294	25075	194	31	28	37	ND	ND	ND	2.810
83	6	23	59.259	2239	62	5.90N	109	7.42E	62	33N	109	21E	625088	25076	194	28	28	46	ND	ND	ND	2.806
84	6	24	1.499	2241	61	56.98N	109	2.53E	62	24N	109	15E	624882	25076	194	25	28	55	ND	ND	ND	2.804
85	6	24	3.738	2239	61	48.05N	108	57.68E	62	15N	109	11E	624677	25077	194	21	29	4	ND	ND	ND	2.806
86	6	24	5.975	2236	61	39.13N	108	52.88E	62	6N	109	6E	624472	25077	194	18	29	13	ND	ND	ND	2.810
87	6	24	8.215	2240	61	30.20N	108	48.12E	61	57N	109	1E	624267	25078	194	15	29	22	ND	ND	ND	2.805
88	6	24	10.448	2234	61	21.29N	108	43.40E	61	48N	108	56E	624064	25078	194	12	29	31	ND	ND	ND	2.813
89	6	24	12.688	2240	61	12.35N	108	38.71E	61	39N	108	51E	623860	25079	194	9	29	40	ND	ND	ND	2.805
90	6	24	14.924	2235	61	3.43N	108	34.07E	61	30N	108	46E	623658	25079	194	5	29	48	ND	ND	ND	2.811

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	6	24	17.163	2240	60	54.49N	108	29.46E	61	21N	108	42E	623455	25080	194	2	29	57	ND		ND		ND		2.805
92	6	24	19.395	2231	60	45.58N	108	24.90E	61	12N	108	37E	623255	25080	193	59	30	6	ND		ND		ND		2.816
93	6	24	21.629	2234	60	36.65N	108	20.38E	61	4N	108	32E	623053	25081	193	56	30	15	ND		ND		ND		2.813
94	6	24	23.863	2235	60	27.72N	108	15.89E	60	55N	108	28E	622853	25081	193	53	30	24	ND		ND		ND		2.811
95	6	24	26.099	2235	60	18.79N	108	11.43E	60	46N	108	23E	622654	25081	193	51	30	33	ND		ND		ND		2.811
96	6	24	28.333	2235	60	9.85N	108	7.01E	60	37N	108	19E	622454	25082	193	48	30	42	ND		ND		ND		2.811
97	6	24	30.564	2231	60	0.93N	108	2.64E	60	28N	108	14E	622256	25082	193	45	30	50	ND		ND		ND		2.816
98	6	24	32.799	2234	59	51.99N	107	58.29E	60	19N	108	10E	622058	25083	193	42	30	59	ND		ND		ND		2.813
99	6	24	35.033	2235	59	43.06N	107	53.97E	60	10N	108	5E	621860	25083	193	39	31	8	ND		ND		ND		2.811
100	6	24	37.264	2230	59	34.13N	107	49.69E	60	1N	108	1E	621663	25084	193	37	31	17	ND		ND		ND		2.818
101	6	24	39.498	2235	59	25.19N	107	45.44E	59	52N	107	56E	621467	25084	193	34	31	26	ND		ND		ND		2.811
102	6	24	41.729	2230	59	16.26N	107	41.23E	59	43N	107	52E	621271	25085	193	31	31	35	ND		ND		ND		2.818
103	6	24	43.964	2235	59	7.31N	107	37.04E	59	34N	107	48E	621076	25085	193	29	31	43	ND		ND		ND		2.811
104	6	24	46.198	2235	58	58.36N	107	32.89E	59	25N	107	44E	620881	25086	193	26	31	52	ND		ND		ND		2.811
105	6	24	48.429	2230	58	49.42N	107	28.77E	59	16N	107	39E	620687	25086	193	23	32	1	ND		ND		ND		2.818
106	6	24	50.658	2230	58	40.49N	107	24.69E	59	7N	107	35E	620494	25087	193	21	32	10	ND		ND		ND		2.818
107	6	24	52.889	2230	58	31.55N	107	20.63E	58	58N	107	31E	620301	25087	193	18	32	19	ND		ND		ND		2.818
108	6	24	55.118	2230	58	22.61N	107	16.60E	58	49N	107	27E	620109	25088	193	16	32	28	ND		ND		ND		2.818
109	6	24	57.349	2230	58	13.67N	107	12.60E	58	41N	107	23E	619918	25088	193	13	32	36	ND		ND		ND		2.818
110	6	24	59.578	2230	58	4.73N	107	8.64E	58	32N	107	19E	619727	25088	193	11	32	45	ND		ND		ND		2.818
111	6	25	1.813	2235	57	55.76N	107	4.69E	58	23N	107	15E	619536	25089	193	9	32	54	ND		ND		ND		2.811
112	6	25	4.038	2225	57	46.83N	107	0.78E	58	14N	107	11E	619347	25089	193	6	33	3	ND		ND		ND		2.824
113	6	25	6.269	2230	57	37.88N	106	56.90E	58	5N	107	7E	619158	25090	193	4	33	12	ND		ND		ND		2.818
114	6	25	8.498	2230	57	28.93N	106	53.04E	57	56N	107	3E	618970	25090	193	2	33	21	ND		ND		ND		2.818
115	6	25	10.724	2225	57	20.00N	106	49.22E	57	47N	106	59E	618782	25091	192	59	33	29	ND		ND		ND		2.824
116	6	25	12.953	2230	57	11.05N	106	45.41E	57	38N	106	55E	618595	25091	192	57	33	38	ND		ND		ND		2.818
117	6	25	15.179	2225	57	2.11N	106	41.64E	57	29N	106	51E	618409	25092	192	55	33	47	ND		ND		ND		2.824
118	6	25	17.403	2225	56	53.17N	106	37.89E	57	20N	106	47E	618223	25092	192	53	33	56	ND		ND		ND		2.824
119	6	25	19.635	2231	56	44.21N	106	34.16E	57	11N	106	44E	618038	25093	192	50	34	5	ND		ND		ND		2.816
120	6	25	21.859	2225	56	35.27N	106	30.47E	57	2N	106	40E	617854	25093	192	48	34	13	ND		ND		ND		2.824
121	6	25	24.089	2229	56	26.31N	106	26.79E	56	53N	106	36E	617670	25093	192	46	34	22	ND		ND		ND		2.819
122	6	25	26.313	2225	56	17.37N	106	23.15E	56	44N	106	32E	617487	25094	192	44	34	31	ND		ND		ND		2.824
123	6	25	28.543	2230	56	8.40N	106	19.52E	56	35N	106	29E	617304	25094	192	42	34	40	ND		ND		ND		2.818
124	6	25	30.769	2225	55	59.45N	106	15.92E	56	26N	106	25E	617123	25095	192	40	34	49	ND		ND		ND		2.824
125	6	25	32.993	2225	55	50.51N	106	12.34E	56	17N	106	21E	616942	25095	192	38	34	57	ND		ND		ND		2.824
126	6	25	35.219	2225	55	41.55N	106	8.79E	56	8N	106	18E	616761	25096	192	36	35	6	ND		ND		ND		2.824
127	6	25	37.443	2225	55	32.60N	106	5.26E	55	59N	106	14E	616581	25096	192	34	35	15	ND		ND		ND		2.824
128	6	25	39.674	2230	55	23.63N	106	1.74E	55	50N	106	11E	616403	25096	192	32	35	24	ND		ND		ND		2.818
129	6	25	41.898	2225	55	14.68N	105	58.26E	55	41N	106	7E	616224	25097	192	30	35	33	ND		ND		ND		2.824
130	6	25	44.123	2225	55	5.72N	105	54.79E	55	32N	106	3E	616046	25097	192	28	35	41	ND		ND		ND		2.824
131	6	25	46.354	2230	54	56.74N	105	51.34E	55	23N	106	0E	615869	25098	192	26	35	50	ND		ND		ND		2.818
132	6	25	48.578	2225	54	47.78N	105	47.92E	55	15N	105	56E	615693	25098	192	24	35	59	ND		ND		ND		2.824
133	6	25	50.804	2225	54	38.82N	105	44.52E	55	6N	105	53E	615517	25099	192	22	36	8	ND		ND		ND		2.824
134	6	25	53.028	2225	54	29.86N	105	41.14E	54	57N	105	50E	615342	25099	192	20	36	16	ND		ND		ND		2.824
135	6	25	55.255	2226	54	20.89N	105	37.78E	54	48N	105	46E	615168	25099	192	19	36	25	ND		ND		ND		2.823

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN. RATE
136	6	25	57.483	2229	54	11.91N	105	34.44E	54	39N	105	43E	614995	25100	192	17	36	34	ND		ND		ND		2.819
137	6	25	59.703	2220	54	2.96N	105	31.13E	54	30N	105	39E	614822	25100	192	15	36	43	ND		ND		ND		2.830
138	6	26	1.929	2225	53	53.99N	105	27.83E	54	21N	105	36E	614650	25101	192	13	36	52	ND		ND		ND		2.824
139	6	26	4.153	2225	53	45.03N	105	24.55E	54	12N	105	33E	614478	25101	192	11	37	0	ND		ND		ND		2.824
140	6	26	6.379	2225	53	36.05N	105	21.29E	54	3N	105	29E	614308	25101	192	10	37	9	ND		ND		ND		2.824
141	6	26	8.599	2220	53	27.10N	105	18.06E	53	54N	105	26E	614139	25102	192	8	37	18	ND		ND		ND		2.830
142	6	26	10.823	2225	53	18.13N	105	14.83E	53	45N	105	23E	613970	25102	192	6	37	27	ND		ND		ND		2.824
143	6	26	13.049	2225	53	9.15N	105	11.63E	53	36N	105	19E	613801	25103	192	5	37	35	ND		ND		ND		2.824
144	6	26	15.273	2225	53	0.18N	105	8.45E	53	27N	105	16E	613634	25103	192	3	37	44	ND		ND		ND		2.824
145	6	26	17.493	2220	52	51.22N	105	5.28E	53	18N	105	13E	613468	25104	192	1	37	53	ND		ND		ND		2.830
146	6	26	19.719	2225	52	42.24N	105	2.13E	53	9N	105	10E	613301	25104	192	0	38	2	ND		ND		ND		2.824
147	6	26	21.938	2220	52	33.29N	104	59.01E	53	0N	105	7E	613136	25104	191	58	38	11	ND		ND		ND		2.830
148	6	26	24.163	2225	52	24.31N	104	55.90E	52	51N	105	3E	612972	25105	191	57	38	19	ND		ND		ND		2.824
149	6	26	26.384	2220	52	15.34N	104	52.80E	52	42N	105	0E	612808	25105	191	55	38	28	ND		ND		ND		2.830
150	6	26	28.608	2225	52	6.36N	104	49.72E	52	33N	104	57E	612645	25106	191	53	38	37	ND		ND		ND		2.824
151	6	26	30.828	2220	51	57.40N	104	46.67E	52	24N	104	54E	612483	25106	191	52	38	46	ND		ND		ND		2.830
152	6	26	33.050	2221	51	48.42N	104	43.62E	52	15N	104	51E	612322	25106	191	50	38	54	ND		ND		ND		2.829
153	6	26	35.273	2224	51	39.44N	104	40.60E	52	6N	104	48E	612161	25107	191	49	39	3	ND		ND		ND		2.825
154	6	26	37.493	2220	51	30.48N	104	37.59E	51	57N	104	45E	612002	25107	191	47	39	12	ND		ND		ND		2.830
155	6	26	39.719	2225	51	21.48N	104	34.59E	51	48N	104	42E	611843	25107	191	46	39	21	ND		ND		ND		2.824
156	6	26	41.939	2221	51	12.51N	104	31.61E	51	39N	104	39E	611685	25108	191	44	39	29	ND		ND		ND		2.829
157	6	26	44.163	2224	51	3.52N	104	28.65E	51	30N	104	36E	611527	25108	191	43	39	38	ND		ND		ND		2.825
158	6	26	46.389	2225	50	54.53N	104	25.69E	51	21N	104	33E	611370	25109	191	42	39	47	ND		ND		ND		2.824
159	6	26	48.608	2220	50	45.56N	104	22.76E	51	12N	104	30E	611214	25109	191	40	39	56	ND		ND		ND		2.830
160	6	26	50.828	2220	50	36.58N	104	19.85E	51	3N	104	27E	611059	25109	191	39	40	4	ND		ND		ND		2.830
161	6	26	53.049	2220	50	27.60N	104	16.95E	50	54N	104	24E	610906	25110	191	37	40	13	ND		ND		ND		2.830
162	6	26	55.269	2220	50	18.63N	104	14.06E	50	45N	104	21E	610752	25110	191	36	40	22	ND		ND		ND		2.830
163	6	26	57.489	2221	50	9.65N	104	11.19E	50	36N	104	18E	610600	25110	191	35	40	30	ND		ND		ND		2.829
164	6	26	59.708	2219	50	0.67N	104	8.34E	50	27N	104	15E	610448	25111	191	33	40	39	ND		ND		ND		2.832
165	6	27	1.929	2220	49	51.69N	104	5.50E	50	18N	104	12E	610298	25111	191	32	40	48	ND		ND		ND		2.830
166	6	28	53.604	11676	42	18.73N	101	57.79E	42	45N	102	3E	603880	25127	190	40	48	5	ND		ND		ND		0.056
167	6	28	56.698	3094	42	6.15N	101	54.60E	42	33N	102	0E	603737	25127	190	39	48	17	ND		ND		ND		2.031
168	6	28	59.193	2495	41	56.01N	101	52.05E	42	22N	101	57E	603624	25128	190	38	48	26	ND		ND		ND		2.518
169	6	29	1.523	2330	41	46.53N	101	49.67E	42	13N	101	55E	603519	25128	190	37	48	35	ND		ND		ND		2.697
170	6	29	3.799	2275	41	37.28N	101	47.35E	42	4N	101	52E	603418	25128	190	37	48	44	ND		ND		ND		2.762
171	6	29	6.049	2250	41	28.13N	101	45.07E	41	54N	101	50E	603319	25128	190	36	48	53	ND		ND		ND		2.793
172	6	29	8.283	2235	41	19.04N	101	42.82E	41	45N	101	48E	603222	25129	190	35	49	2	ND		ND		ND		2.811
173	6	29	10.519	2235	41	9.95N	101	40.57E	41	36N	101	45E	603125	25129	190	34	49	10	ND		ND		ND		2.811
174	6	29	12.748	2230	41	0.88N	101	38.33E	41	27N	101	43E	603030	25129	190	34	49	19	ND		ND		ND		2.818
175	6	29	14.979	2230	40	51.80N	101	36.10E	41	18N	101	41E	602936	25129	190	33	49	28	ND		ND		ND		2.818
176	6	29	17.203	2225	40	42.75N	101	33.89E	41	9N	101	39E	602844	25129	190	32	49	36	ND		ND		ND		2.824
177	6	29	19.429	2225	40	33.70N	101	31.68E	41	0N	101	36E	602753	25130	190	31	49	45	ND		ND		ND		2.824
178	6	29	21.653	2225	40	24.65N	101	29.48E	40	51N	101	34E	602662	25130	190	31	49	53	ND		ND		ND		2.824
179	6	29	23.879	2225	40	15.59N	101	27.28E	40	42N	101	32E	602573	25130	190	30	50	2	ND		ND		ND		2.824
180	6	29	26.104	2225	40	6.54N	101	25.10E	40	33N	101	30E	602485	25130	190	29	50	11	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
181	6	29	28.323	2220	39 57.50N	101 22.92E	40 24N	101 28E	602398	25131	190	29	50	19	ND	ND	ND	2.830
182	6	29	30.543	2220	39 48.47N	101 20.76E	40 15N	101 25E	602312	25131	190	28	50	28	ND	ND	ND	2.830
183	6	29	32.769	2225	39 39.41N	101 18.59E	40 6N	101 23E	602227	25131	190	27	50	36	ND	ND	ND	2.824
184	6	29	34.988	2220	39 30.37N	101 16.44E	39 57N	101 21E	602144	25131	190	27	50	45	ND	ND	ND	2.830
185	6	29	37.208	2220	39 21.33N	101 14.29E	39 48N	101 19E	602062	25131	190	26	50	53	ND	ND	ND	2.830
186	6	29	39.429	2220	39 12.29N	101 12.15E	39 39N	101 17E	601980	25132	190	25	51	2	ND	ND	ND	2.830
187	6	29	41.648	2220	39 3.25N	101 10.02E	39 30N	101 15E	601900	25132	190	25	51	11	ND	ND	ND	2.830
188	6	29	43.868	2220	38 54.22N	101 7.89E	39 21N	101 12E	601821	25132	190	24	51	19	ND	ND	ND	2.830
189	6	29	46.089	2220	38 45.17N	101 5.77E	39 11N	101 10E	601743	25132	190	23	51	28	ND	ND	ND	2.830
190	6	29	48.305	2216	38 36.15N	101 3.66E	39 2N	101 8E	601666	25132	190	23	51	36	ND	ND	ND	2.835
191	6	29	50.524	2220	38 27.11N	101 1.55E	38 53N	101 6E	601591	25133	190	22	51	45	ND	ND	ND	2.830
192	6	29	52.743	2219	38 18.07N	100 59.45E	38 44N	101 4E	601516	25133	190	21	51	53	ND	ND	ND	2.832
193	6	29	54.964	2220	38 9.02N	100 57.36E	38 35N	101 2E	601443	25133	190	21	52	2	ND	ND	ND	2.830
194	6	29	57.179	2215	38 0.00N	100 55.28E	38 26N	101 0E	601371	25133	190	20	52	10	ND	ND	ND	2.837
195	6	29	59.398	2220	37 50.96N	100 53.19E	38 17N	100 58E	601300	25133	190	20	52	19	ND	ND	ND	2.830
196	6	30	1.618	2220	37 41.92N	100 51.12E	38 8N	100 56E	601230	25134	190	19	52	28	ND	ND	ND	2.830
197	6	30	3.833	2215	37 32.89N	100 49.05E	37 59N	100 53E	601162	25134	190	18	52	36	ND	ND	ND	2.837
198	6	30	6.054	2220	37 23.84N	100 46.99E	37 50N	100 51E	601093	25134	190	18	52	44	ND	ND	ND	2.830
199	6	30	8.269	2215	37 14.82N	100 44.94E	37 41N	100 49E	601027	25134	190	17	52	53	ND	ND	ND	2.837
200	6	30	10.488	2220	37 5.77N	100 42.89E	37 32N	100 47E	600962	25134	190	17	53	2	ND	ND	ND	2.830
201	6	30	12.703	2215	36 56.75N	100 40.85E	37 23N	100 45E	600898	25134	190	16	53	10	ND	ND	ND	2.837
202	6	30	14.918	2215	36 47.72N	100 38.81E	37 14N	100 43E	600835	25135	190	16	53	19	ND	ND	ND	2.837
203	6	30	17.139	2220	36 38.67N	100 36.78E	37 5N	100 41E	600774	25135	190	15	53	27	ND	ND	ND	2.830
204	6	30	19.354	2215	36 29.64N	100 34.75E	36 56N	100 39E	600713	25135	190	15	53	36	ND	ND	ND	2.837
205	6	30	21.569	2216	36 20.61N	100 32.73E	36 47N	100 37E	600654	25135	190	14	53	44	ND	ND	ND	2.835
206	6	30	23.788	2219	36 11.56N	100 30.72E	36 38N	100 35E	600596	25135	190	13	53	53	ND	ND	ND	2.832
207	6	30	26.005	2216	36 2.52N	100 28.71E	36 29N	100 33E	600539	25135	190	13	54	1	ND	ND	ND	2.835
208	6	30	28.224	2219	35 53.48N	100 26.71E	36 20N	100 31E	600483	25135	190	12	54	9	ND	ND	ND	2.832
209	6	30	30.438	2215	35 44.45N	100 24.71E	36 11N	100 29E	600429	25136	190	12	54	18	ND	ND	ND	2.837
210	6	30	32.653	2215	35 35.42N	100 22.72E	36 2N	100 27E	600376	25136	190	11	54	26	ND	ND	ND	2.837
211	6	30	34.873	2220	35 26.36N	100 20.73E	35 53N	100 25E	600324	25136	190	11	54	35	ND	ND	ND	2.830
212	6	30	37.089	2215	35 17.33N	100 18.75E	35 44N	100 23E	600272	25136	190	10	54	43	ND	ND	ND	2.837
213	6	30	39.304	2215	35 8.30N	100 16.78E	35 35N	100 21E	600223	25136	190	10	54	52	ND	ND	ND	2.837
214	6	30	41.519	2215	34 59.26N	100 14.81E	35 26N	100 19E	600174	25136	190	9	55	0	ND	ND	ND	2.837
215	6	30	43.733	2215	34 50.23N	100 12.84E	35 16N	100 17E	600127	25136	190	9	55	9	ND	ND	ND	2.837
216	6	30	45.949	2216	34 41.19N	100 10.88E	35 7N	100 15E	600081	25137	190	8	55	17	ND	ND	ND	2.835
217	6	30	48.164	2215	34 32.16N	100 8.93E	34 58N	100 13E	600036	25137	190	8	55	25	ND	ND	ND	2.837
218	6	30	50.380	2215	34 23.12N	100 6.98E	34 49N	100 11E	599993	25137	190	7	55	34	ND	ND	ND	2.837
219	6	30	52.599	2219	34 14.06N	100 5.03E	34 40N	100 9E	599950	25137	190	7	55	42	ND	ND	ND	2.832
220	6	30	54.813	2215	34 5.03N	100 3.10E	34 31N	100 7E	599909	25137	190	7	55	51	ND	ND	ND	2.837
221	6	30	57.029	2216	33 55.99N	100 1.16E	34 22N	100 5E	599870	25137	190	6	55	59	ND	ND	ND	2.835
222	6	30	59.248	2219	33 46.93N	99 59.23E	34 13N	100 3E	599831	25137	190	6	56	7	ND	ND	ND	2.832
223	6	31	1.464	2215	33 37.89N	99 57.30E	34 4N	100 1E	599794	25137	190	5	56	16	ND	ND	ND	2.837
224	6	31	3.680	2216	33 28.85N	99 55.38E	33 55N	99 59E	599757	25137	190	5	56	24	ND	ND	ND	2.835
225	6	31	5.898	2219	33 19.80N	99 53.47E	33 46N	99 57E	599723	25137	190	4	56	33	ND	ND	ND	2.832

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	6	31	8.113	2215	33	10.76N	99	51.56E	33	37N	99	55E	599690	25138	190	4	56	41	ND		ND		ND		2.837
227	6	31	10.328	2215	33	1.72N	99	49.65E	33	28N	99	54E	599657	25138	190	3	56	49	ND		ND		ND		2.837
228	6	31	12.543	2215	32	52.68N	99	47.75E	33	19N	99	52E	599626	25138	190	3	56	58	ND		ND		ND		2.837
229	6	31	14.759	2215	32	43.63N	99	45.85E	33	10N	99	50E	599596	25138	190	3	57	6	ND		ND		ND		2.837
230	6	31	16.974	2215	32	34.59N	99	43.96E	33	1N	99	48E	599568	25138	190	2	57	15	ND		ND		ND		2.837
231	6	31	19.193	2220	32	25.53N	99	42.07E	32	52N	99	46E	599541	25138	190	2	57	23	ND		ND		ND		2.830
232	6	31	21.408	2215	32	16.49N	99	40.19E	32	43N	99	44E	599514	25138	190	1	57	31	ND		ND		ND		2.837
233	6	31	23.623	2215	32	7.45N	99	38.31E	32	34N	99	42E	599490	25138	190	1	57	40	ND		ND		ND		2.837
234	6	31	25.839	2215	31	58.40N	99	36.43E	32	25N	99	40E	599466	25138	190	0	57	48	ND		ND		ND		2.837
235	6	31	28.054	2215	31	49.36N	99	34.56E	32	16N	99	38E	599444	25138	190	0	57	56	ND		ND		ND		2.837
236	6	31	30.269	2215	31	40.31N	99	32.70E	32	7N	99	37E	599423	25138	190	0	58	4	ND		ND		ND		2.837
237	6	31	32.483	2215	31	31.27N	99	30.84E	31	58N	99	35E	599404	25138	189	59	58	13	ND		ND		ND		2.837
238	6	31	34.703	2220	31	22.21N	99	28.97E	31	48N	99	33E	599386	25138	189	59	58	21	ND		ND		ND		2.830
239	6	31	36.918	2215	31	13.16N	99	27.12E	31	39N	99	31E	599368	25139	189	58	58	29	ND		ND		ND		2.837
240	6	31	39.134	2215	31	4.11N	99	25.27E	31	30N	99	29E	599353	25139	189	58	58	38	ND		ND		ND		2.837
241	6	31	41.349	2215	30	55.07N	99	23.43E	31	21N	99	27E	599338	25139	189	58	58	46	ND		ND		ND		2.837
242	6	31	43.563	2215	30	46.02N	99	21.59E	31	12N	99	25E	599326	25139	189	57	58	54	ND		ND		ND		2.837
243	6	31	45.783	2220	30	36.95N	99	19.74E	31	3N	99	23E	599313	25139	189	57	59	3	ND		ND		ND		2.830
244	6	31	47.998	2215	30	27.91N	99	17.91E	30	54N	99	22E	599303	25139	189	57	59	11	ND		ND		ND		2.837
245	6	31	50.214	2215	30	18.86N	99	16.08E	30	45N	99	20E	599294	25139	189	56	59	19	ND		ND		ND		2.837
246	6	31	52.429	2215	30	9.81N	99	14.26E	30	36N	99	18E	599286	25139	189	56	59	27	ND		ND		ND		2.837
247	6	31	54.644	2215	30	0.76N	99	12.44E	30	27N	99	16E	599280	25139	189	56	59	36	ND		ND		ND		2.837
248	6	31	56.863	2220	29	51.69N	99	10.61E	30	18N	99	14E	599274	25139	189	55	59	44	ND		ND		ND		2.830
249	6	31	59.078	2215	29	42.65N	99	8.80E	30	9N	99	12E	599270	25139	189	55	59	52	ND		ND		ND		2.837
250	6	32	1.293	2215	29	33.60N	99	6.99E	30	0N	99	11E	599268	25139	189	54	60	0	ND		ND		ND		2.837
251	6	32	3.509	2215	29	24.54N	99	5.18E	29	51N	99	9E	599267	25139	189	54	60	8	ND		ND		ND		2.837
252	6	32	5.724	2215	29	15.49N	99	3.38E	29	42N	99	7E	599267	25139	189	54	60	17	ND		ND		ND		2.837
253	6	32	7.938	2215	29	6.44N	99	1.58E	29	33N	99	5E	599269	25139	189	53	60	25	ND		ND		ND		2.837
254	6	32	10.154	2216	28	57.39N	98	59.79E	29	24N	99	3E	599272	25139	189	53	60	33	ND		ND		ND		2.835
255	6	32	12.373	2219	28	48.32N	98	57.99E	29	15N	99	2E	599275	25139	189	53	60	41	ND		ND		ND		2.832
256	6	32	14.589	2215	28	39.27N	98	56.20E	29	6N	99	0E	599282	25139	189	52	60	49	ND		ND		ND		2.837
257	6	32	16.804	2215	28	30.22N	98	54.42E	28	56N	98	58E	599288	25139	189	52	60	58	ND		ND		ND		2.837
258	6	32	19.019	2215	28	21.16N	98	52.64E	28	47N	98	56E	599297	25139	189	52	61	6	ND		ND		ND		2.837
259	6	32	21.234	2216	28	12.11N	98	50.86E	28	38N	98	54E	599306	25139	189	52	61	14	ND		ND		ND		2.835
260	6	32	23.448	2214	28	3.06N	98	49.09E	28	29N	98	53E	599317	25139	189	51	61	22	ND		ND		ND		2.838
261	6	32	25.663	2215	27	54.01N	98	47.32E	28	20N	98	51E	599329	25139	189	51	61	30	ND		ND		ND		2.837
262	6	32	27.879	2215	27	44.95N	98	45.55E	28	11N	98	49E	599343	25139	189	51	61	38	ND		ND		ND		2.837
263	6	32	30.099	2220	27	35.88N	98	43.78E	28	2N	98	47E	599358	25139	189	50	61	46	ND		ND		ND		2.830
264	6	32	32.313	2215	27	26.82N	98	42.02E	27	53N	98	46E	599374	25139	189	50	61	54	ND		ND		ND		2.837
265	6	32	34.528	2215	27	17.77N	98	40.26E	27	44N	98	44E	599392	25139	189	50	62	3	ND		ND		ND		2.837
266	6	32	36.743	2215	27	8.71N	98	38.51E	27	35N	98	42E	599410	25139	189	49	62	11	ND		ND		ND		2.837
267	6	32	38.964	2220	26	59.63N	98	36.75E	27	26N	98	40E	599431	25139	189	49	62	19	ND		ND		ND		2.830
268	6	32	41.179	2215	26	50.58N	98	35.01E	27	17N	98	38E	599453	25139	189	49	62	27	ND		ND		ND		2.837
269	6	32	43.389	2210	26	41.54N	98	33.26E	27	8N	98	37E	599476	25139	189	49	62	35	ND		ND		ND		2.843
270	6	32	45.608	2220	26	32.47N	98	31.52E	26	59N	98	35E	599501	25139	189	48	62	43	ND		ND		ND		2.830

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
271	6	32	47.823	2215	26	23.41N	98	29.78E	26	50N	98	33E	599527	25139	189	48	62	51	ND	ND	ND	2.837
272	6	32	50.043	2220	26	14.34N	98	28.04E	26	41N	98	31E	599555	25139	189	48	62	59	ND	ND	ND	2.830
273	6	32	52.259	2215	26	5.27N	98	26.31E	26	32N	98	30E	599584	25138	189	47	63	7	ND	ND	ND	2.837
274	6	32	54.474	2215	25	56.22N	98	24.58E	26	22N	98	28E	599614	25138	189	47	63	15	ND	ND	ND	2.837
275	6	32	56.688	2215	25	47.16N	98	22.85E	26	13N	98	26E	599645	25138	189	47	63	23	ND	ND	ND	2.837
276	6	32	58.908	2220	25	38.08N	98	21.13E	26	4N	98	25E	599678	25138	189	47	63	31	ND	ND	ND	2.830
277	6	33	1.123	2215	25	29.03N	98	19.41E	25	55N	98	23E	599713	25138	189	46	63	39	ND	ND	ND	2.837
278	6	33	3.339	2215	25	19.96N	98	17.69E	25	46N	98	21E	599748	25138	189	46	63	47	ND	ND	ND	2.837
279	6	33	5.559	2220	25	10.89N	98	15.97E	25	37N	98	19E	599786	25138	189	46	63	55	ND	ND	ND	2.830
280	6	33	7.773	2215	25	1.83N	98	14.26E	25	28N	98	18E	599824	25138	189	46	64	3	ND	ND	ND	2.837
281	6	33	9.988	2215	24	52.77N	98	12.55E	25	19N	98	16E	599864	25138	189	45	64	11	ND	ND	ND	2.837
282	6	33	12.203	2215	24	43.71N	98	10.84E	25	10N	98	14E	599905	25138	189	45	64	18	ND	ND	ND	2.837
283	6	33	14.418	2215	24	34.65N	98	9.14E	25	1N	98	12E	599948	25138	189	45	64	26	ND	ND	ND	2.837
284	6	33	16.639	2220	24	25.57N	98	7.44E	24	52N	98	11E	599992	25138	189	45	64	34	ND	ND	ND	2.830
285	6	33	18.854	2215	24	16.51N	98	5.74E	24	43N	98	9E	600038	25138	189	44	64	42	ND	ND	ND	2.837
286	6	33	21.068	2215	24	7.45N	98	4.04E	24	34N	98	7E	600085	25137	189	44	64	50	ND	ND	ND	2.837
287	6	33	23.288	2220	23	58.36N	98	2.35E	24	25N	98	6E	600134	25137	189	44	64	58	ND	ND	ND	2.830
288	6	33	25.504	2215	23	49.30N	98	0.66E	24	16N	98	4E	600183	25137	189	44	65	6	ND	ND	ND	2.837
289	6	33	27.719	2215	23	40.24N	97	58.97E	24	7N	98	2E	600235	25137	189	43	65	14	ND	ND	ND	2.837
290	6	33	29.935	2216	23	31.17N	97	57.28E	23	57N	98	1E	600288	25137	189	43	65	21	ND	ND	ND	2.835
291	6	33	32.153	2219	23	22.10N	97	55.60E	23	48N	97	59E	600342	25137	189	43	65	29	ND	ND	ND	2.832
292	6	33	34.368	2215	23	13.04N	97	53.92E	23	39N	97	57E	600398	25137	189	43	65	37	ND	ND	ND	2.837
293	6	33	36.589	2220	23	3.95N	97	52.24E	23	30N	97	56E	600454	25137	189	42	65	45	ND	ND	ND	2.830
294	6	33	38.804	2215	22	54.89N	97	50.56E	23	21N	97	54E	600513	25137	189	42	65	52	ND	ND	ND	2.837
295	6	33	41.023	2220	22	45.80N	97	48.89E	23	12N	97	52E	600573	25136	189	42	66	0	ND	ND	ND	2.830
296	6	33	43.238	2215	22	36.74N	97	47.22E	23	3N	97	50E	600634	25136	189	42	66	8	ND	ND	ND	2.837
297	6	33	45.458	2220	22	27.66N	97	45.55E	22	54N	97	49E	600698	25136	189	42	66	16	ND	ND	ND	2.830
298	6	33	47.674	2215	22	18.59N	97	43.88E	22	45N	97	47E	600762	25136	189	41	66	23	ND	ND	ND	2.837
299	6	33	49.889	2215	22	9.53N	97	42.22E	22	36N	97	45E	600827	25136	189	41	66	31	ND	ND	ND	2.837
300	6	33	52.104	2216	22	0.46N	97	40.56E	22	27N	97	44E	600894	25136	189	41	66	38	ND	ND	ND	2.835
301	6	33	54.323	2219	21	51.38N	97	38.90E	22	18N	97	42E	600963	25136	189	41	66	46	ND	ND	ND	2.832
302	6	37	41.229	26905	6	22.33N	94	57.97E	6	49N	95	1E	615860	25102	189	29	76	49	ND	ND	ND	0.028
303	6	37	44.395	3166	6	9.36N	94	55.81E	6	36N	94	59E	616179	25101	189	29	76	53	ND	ND	ND	1.985
304	6	37	46.938	2544	5	58.95N	94	54.07E	6	26N	94	57E	616438	25101	189	29	76	56	ND	ND	ND	2.470
305	6	37	49.313	2375	5	49.22N	94	52.45E	6	16N	94	55E	616682	25100	189	29	76	58	ND	ND	ND	2.646
306	6	37	51.613	2300	5	39.81N	94	50.88E	6	7N	94	54E	616919	25099	189	29	77	1	ND	ND	ND	2.732
307	6	37	53.889	2275	5	30.49N	94	49.32E	5	58N	94	52E	617155	25099	189	29	77	4	ND	ND	ND	2.762
308	6	37	56.148	2260	5	21.24N	94	47.78E	5	48N	94	51E	617392	25098	189	29	77	6	ND	ND	ND	2.780
309	6	37	58.398	2250	5	12.03N	94	46.24E	5	39N	94	49E	617629	25098	189	29	77	8	ND	ND	ND	2.793
310	6	38	0.648	2250	5	2.82N	94	44.71E	5	30N	94	48E	617867	25097	189	29	77	10	ND	ND	ND	2.793
311	6	38	2.894	2245	4	53.63N	94	43.18E	5	21N	94	46E	618106	25097	189	29	77	12	ND	ND	ND	2.799
312	6	38	5.139	2245	4	44.44N	94	41.65E	5	12N	94	45E	618348	25096	189	29	77	14	ND	ND	ND	2.799
313	6	38	7.380	2241	4	35.26N	94	40.12E	5	2N	94	43E	618589	25096	189	29	77	15	ND	ND	ND	2.804
314	6	38	9.623	2244	4	26.08N	94	38.59E	4	53N	94	41E	618834	25095	189	29	77	17	ND	ND	ND	2.800
315	6	38	11.868	2245	4	16.89N	94	37.07E	4	44N	94	40E	619079	25094	189	29	77	19	ND	ND	ND	2.799

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
316	6	38	14.108	2240	4	7.72N	94	35.54E	4	35N	94	38E	619326	25094	189	29	77	20	ND		ND		ND		2.805
317	6	38	16.349	2240	3	58.55N	94	34.01E	4	26N	94	37E	619574	25093	189	29	77	21	ND		ND		ND		2.805
318	6	38	18.589	2240	3	49.38N	94	32.49E	4	17N	94	35E	619823	25093	189	29	77	23	ND		ND		ND		2.805
319	6	38	20.833	2245	3	40.20N	94	30.96E	4	7N	94	34E	620075	25092	189	29	77	24	ND		ND		ND		2.799
320	6	38	23.073	2240	3	31.03N	94	29.44E	3	58N	94	32E	620327	25092	189	29	77	25	ND		ND		ND		2.805
321	6	38	25.313	2240	3	21.86N	94	27.92E	3	49N	94	31E	620581	25091	189	29	77	25	ND		ND		ND		2.805
322	6	38	27.554	2240	3	12.69N	94	26.39E	3	40N	94	29E	620837	25090	189	29	77	26	ND		ND		ND		2.805
323	6	38	29.793	2240	3	3.52N	94	24.87E	3	31N	94	28E	621094	25090	189	29	77	27	ND		ND		ND		2.805
324	6	38	32.038	2245	2	54.33N	94	23.35E	3	22N	94	26E	621353	25089	189	29	77	27	ND		ND		ND		2.799
325	6	38	34.273	2235	2	45.19N	94	21.83E	3	12N	94	25E	621613	25089	189	29	77	28	ND		ND		ND		2.811

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	7	49	10.729	0	76	20.00N	101	55.15E	76	46N	102	48E	646433	25025	206	54	14	11	ND		ND		ND		1.934
2	7	49	13.979	3249	76	8.10N	101	30.00E	76	34N	102	21E	646094	25026	206	31	14	24	ND		ND		ND		1.934
3	7	49	16.623	2645	75	58.38N	101	10.04E	76	24N	102	0E	645818	25026	206	13	14	35	ND		ND		ND		2.375
4	7	49	19.099	2475	75	49.27N	100	51.73E	76	15N	101	41E	645560	25027	205	56	14	44	ND		ND		ND		2.539
5	7	49	21.503	2405	75	40.39N	100	34.31E	76	6N	101	23E	645309	25028	205	40	14	54	ND		ND		ND		2.613
6	7	49	23.878	2375	75	31.60N	100	17.43E	75	58N	101	5E	645061	25028	205	25	15	3	ND		ND		ND		2.646
7	7	49	26.229	2351	75	22.89N	100	1.03E	75	49N	100	47E	644817	25029	205	10	15	13	ND		ND		ND		2.673
8	7	49	28.573	2344	75	14.18N	99	44.99E	75	40N	100	30E	644573	25029	204	56	15	22	ND		ND		ND		2.681
9	7	49	30.908	2335	75	5.49N	99	29.30E	75	32N	100	14E	644329	25030	204	42	15	31	ND		ND		ND		2.691
10	7	49	33.243	2335	74	56.78N	99	13.90E	75	23N	99	58E	644087	25031	204	28	15	41	ND		ND		ND		2.691
11	7	49	35.568	2325	74	48.09N	98	58.83E	75	14N	99	42E	643846	25031	204	15	15	50	ND		ND		ND		2.702
12	7	49	37.895	2326	74	39.39N	98	44.03E	75	6N	99	26E	643604	25032	204	2	15	59	ND		ND		ND		2.701
13	7	49	40.219	2324	74	30.67N	98	29.49E	74	57N	99	11E	643363	25032	203	49	16	8	ND		ND		ND		2.704
14	7	49	42.538	2320	74	21.96N	98	15.24E	74	48N	98	56E	643123	25033	203	36	16	18	ND		ND		ND		2.708
15	7	49	44.858	2320	74	13.24N	98	1.23E	74	39N	98	41E	642883	25033	203	24	16	27	ND		ND		ND		2.708
16	7	49	47.174	2315	74	4.51N	97	47.49E	74	31N	98	27E	642643	25034	203	12	16	36	ND		ND		ND		2.714
17	7	49	49.483	2310	73	55.80N	97	34.01E	74	22N	98	12E	642404	25034	203	0	16	45	ND		ND		ND		2.720
18	7	49	51.799	2315	73	47.05N	97	20.72E	74	13N	97	58E	642165	25035	202	48	16	54	ND		ND		ND		2.714
19	7	49	54.113	2315	73	38.29N	97	7.66E	74	5N	97	45E	641926	25036	202	37	17	3	ND		ND		ND		2.714
20	7	49	56.419	2306	73	29.55N	96	54.86E	73	56N	97	31E	641688	25036	202	26	17	13	ND		ND		ND		2.725
21	7	49	58.729	2309	73	20.79N	96	42.25E	73	47N	97	18E	641451	25037	202	15	17	22	ND		ND		ND		2.721
22	7	50	1.033	2305	73	12.03N	96	29.87E	73	38N	97	5E	641213	25037	202	4	17	31	ND		ND		ND		2.726
23	7	50	3.339	2305	73	3.26N	96	17.68E	73	30N	96	52E	640976	25038	201	53	17	40	ND		ND		ND		2.726
24	7	50	5.644	2305	72	54.48N	96	5.68E	73	21N	96	40E	640740	25038	201	43	17	49	ND		ND		ND		2.726
25	7	50	7.943	2300	72	45.70N	95	53.90E	73	12N	96	27E	640503	25039	201	33	17	58	ND		ND		ND		2.732
26	7	50	10.248	2305	72	36.90N	95	42.28E	73	3N	96	15E	640267	25039	201	23	18	8	ND		ND		ND		2.726
27	7	50	12.549	2300	72	28.11N	95	30.86E	72	55N	96	3E	640032	25040	201	13	18	17	ND		ND		ND		2.732
28	7	50	14.844	2295	72	19.32N	95	19.64E	72	46N	95	51E	639797	25041	201	3	18	26	ND		ND		ND		2.738
29	7	50	17.139	2295	72	10.53N	95	8.58E	72	37N	95	40E	639563	25041	200	54	18	35	ND		ND		ND		2.738
30	7	50	19.434	2295	72	1.73N	94	57.70E	72	28N	95	28E	639328	25042	200	45	18	44	ND		ND		ND		2.738
31	7	50	21.729	2295	71	52.91N	94	46.97E	72	20N	95	17E	639094	25042	200	36	18	53	ND		ND		ND		2.738
32	7	50	24.023	2295	71	44.09N	94	36.40E	72	11N	95	6E	638860	25043	200	27	19	2	ND		ND		ND		2.738
33	7	50	26.313	2290	71	35.28N	94	26.01E	72	2N	94	55E	638627	25043	200	18	19	11	ND		ND		ND		2.744
34	7	50	28.604	2290	71	26.46N	94	15.77E	71	53N	94	45E	638394	25044	200	9	19	21	ND		ND		ND		2.744
35	7	50	30.894	2290	71	17.63N	94	5.67E	71	44N	94	34E	638162	25044	200	1	19	30	ND		ND		ND		2.744
36	7	50	33.180	2286	71	8.81N	93	55.73E	71	36N	94	24E	637930	25045	199	52	19	39	ND		ND		ND		2.749
37	7	50	35.469	2289	70	59.97N	93	45.93E	71	27N	94	13E	637698	25046	199	44	19	48	ND		ND		ND		2.745
38	7	50	37.753	2285	70	51.14N	93	36.27E	71	18N	94	3E	637467	25046	199	36	19	57	ND		ND		ND		2.750
39	7	50	40.038	2285	70	42.30N	93	26.75E	71	9N	93	53E	637235	25047	199	28	20	6	ND		ND		ND		2.750
40	7	50	42.323	2285	70	33.45N	93	17.36E	71	0N	93	44E	637005	25047	199	21	20	15	ND		ND		ND		2.750
41	7	50	44.604	2280	70	24.61N	93	8.11E	70	51N	93	34E	636775	25048	199	13	20	24	ND		ND		ND		2.756
42	7	50	46.885	2281	70	15.76N	92	58.99E	70	43N	93	25E	636545	25048	199	5	20	33	ND		ND		ND		2.755
43	7	50	49.164	2280	70	6.92N	92	49.99E	70	34N	93	15E	636316	25049	198	58	20	42	ND		ND		ND		2.756
44	7	50	51.444	2280	69	58.06N	92	41.11E	70	25N	93	6E	636087	25049	198	51	20	51	ND		ND		ND		2.756
45	7	50	53.724	2279	69	49.20N	92	32.35E	70	16N	92	57E	635858	25050	198	44	21	0	ND		ND		ND		2.757

Approved for Release: 2001/06/09 : CIA-RDP78T05439A000300140006-4

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FRM	T TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	7	50	55.998	2275	69	40.35N	92	23.72E	70	7N	92	48E	635630	25050	198	37	21	9	ND	ND	ND	2.762
47	7	50	58.274	2276	69	31.49N	92	15.20E	69	58N	92	39E	635402	25051	198	30	21	18	ND	ND	ND	2.761
48	7	51	0.554	2279	69	22.61N	92	6.77E	69	49N	92	30E	635174	25051	198	23	21	27	ND	ND	ND	2.757
49	7	51	2.823	2270	69	13.76N	91	58.48E	69	41N	92	22E	634947	25052	198	16	21	36	ND	ND	ND	2.768
50	7	51	5.099	2275	69	4.88N	91	50.28E	69	32N	92	13E	634721	25053	198	10	21	45	ND	ND	ND	2.762
51	7	51	7.368	2270	68	56.02N	91	42.20E	69	23N	92	5E	634495	25053	198	3	21	54	ND	ND	ND	2.768
52	7	51	9.644	2275	68	47.13N	91	34.21E	69	14N	91	56E	634269	25054	197	57	22	4	ND	ND	ND	2.762
53	7	51	11.908	2265	68	38.28N	91	26.34E	69	5N	91	48E	634044	25054	197	50	22	13	ND	ND	ND	2.774
54	7	51	14.179	2270	68	29.40N	91	18.55E	68	56N	91	40E	633819	25055	197	44	22	21	ND	ND	ND	2.768
55	7	51	16.444	2266	68	20.53N	91	10.87E	68	47N	91	32E	633595	25055	197	38	22	30	ND	ND	ND	2.773
56	7	51	18.714	2269	68	11.64N	91	3.27E	68	39N	91	24E	633370	25056	197	32	22	40	ND	ND	ND	2.769
57	7	51	20.979	2265	68	2.77N	90	55.78E	68	30N	91	17E	633147	25056	197	26	22	49	ND	ND	ND	2.774
58	7	51	23.243	2265	67	53.89N	90	48.37E	68	21N	91	9E	632924	25057	197	20	22	57	ND	ND	ND	2.774
59	7	51	25.509	2265	67	45.00N	90	41.05E	68	12N	91	1E	632701	25057	197	15	23	6	ND	ND	ND	2.774
60	7	51	27.769	2260	67	36.13N	90	33.83E	68	3N	90	54E	632479	25058	197	9	23	15	ND	ND	ND	2.780
61	7	51	30.029	2261	67	27.26N	90	26.69E	67	54N	90	46E	632257	25058	197	3	23	24	ND	ND	ND	2.779
62	7	51	32.293	2264	67	18.36N	90	19.62E	67	45N	90	39E	632035	25059	196	58	23	33	ND	ND	ND	2.775
63	7	51	34.554	2260	67	9.47N	90	12.64E	67	36N	90	32E	631815	25059	196	53	23	42	ND	ND	ND	2.780
64	7	51	36.813	2260	67	0.58N	90	5.74E	67	27N	90	25E	631594	25060	196	47	23	51	ND	ND	ND	2.780
65	7	51	39.069	2256	66	51.71N	89	58.93E	67	19N	90	18E	631375	25060	196	42	24	0	ND	ND	ND	2.785
66	7	51	41.328	2259	66	42.81N	89	52.19E	67	10N	90	11E	631155	25061	196	37	24	9	ND	ND	ND	2.781
67	7	51	43.589	2260	66	33.91N	89	45.51E	67	1N	90	4E	630935	25061	196	32	24	18	ND	ND	ND	2.780
68	7	51	45.844	2255	66	25.02N	89	38.93E	66	52N	89	57E	630717	25062	196	27	24	27	ND	ND	ND	2.786
69	7	51	48.099	2255	66	16.13N	89	32.41E	66	43N	89	50E	630498	25063	196	22	24	36	ND	ND	ND	2.786
70	7	51	50.354	2255	66	7.24N	89	25.96E	66	34N	89	44E	630280	25063	196	17	24	45	ND	ND	ND	2.786
71	7	51	52.608	2255	65	58.34N	89	19.58E	66	25N	89	37E	630063	25064	196	12	24	54	ND	ND	ND	2.786
72	7	51	54.858	2250	65	49.45N	89	13.29E	66	16N	89	30E	629847	25064	196	7	25	3	ND	ND	ND	2.793
73	7	51	57.108	2250	65	40.57N	89	7.05E	66	7N	89	24E	629630	25065	196	3	25	12	ND	ND	ND	2.793
74	7	51	59.363	2255	65	31.66N	89	0.87E	65	59N	89	18E	629414	25065	195	58	25	21	ND	ND	ND	2.786
75	7	52	1.613	2250	65	22.76N	88	54.77E	65	50N	89	11E	629199	25066	195	54	25	30	ND	ND	ND	2.793
76	7	52	3.863	2250	65	13.86N	88	48.72E	65	41N	89	5E	628984	25066	195	49	25	39	ND	ND	ND	2.793
77	7	52	6.113	2250	65	4.96N	88	42.74E	65	32N	88	59E	628770	25067	195	45	25	48	ND	ND	ND	2.793
78	7	52	8.363	2250	64	56.05N	88	36.82E	65	23N	88	53E	628555	25067	195	40	25	57	ND	ND	ND	2.793
79	7	52	10.613	2250	64	47.15N	88	30.96E	65	14N	88	47E	628342	25068	195	36	26	6	ND	ND	ND	2.793
80	7	52	12.858	2245	64	38.25N	88	25.16E	65	5N	88	41E	628129	25068	195	32	26	14	ND	ND	ND	2.799
81	7	52	15.104	2245	64	29.36N	88	19.43E	64	56N	88	35E	627917	25069	195	28	26	23	ND	ND	ND	2.799
82	7	52	17.349	2245	64	20.46N	88	13.75E	64	47N	88	29E	627704	25069	195	24	26	32	ND	ND	ND	2.799
83	7	52	19.595	2246	64	11.55N	88	8.12E	64	38N	88	23E	627493	25070	195	20	26	41	ND	ND	ND	2.798
84	7	52	21.839	2244	64	2.65N	88	2.55E	64	30N	88	18E	627282	25070	195	16	26	50	ND	ND	ND	2.800
85	7	52	24.083	2245	63	53.74N	87	57.03E	64	21N	88	12E	627071	25071	195	12	26	59	ND	ND	ND	2.799
86	7	52	26.333	2250	63	44.81N	87	51.55E	64	12N	88	6E	626861	25071	195	8	27	8	ND	ND	ND	2.793
87	7	52	28.573	2240	63	35.91N	87	46.15E	64	3N	88	1E	626651	25072	195	4	27	17	ND	ND	ND	2.805
88	7	52	30.818	2245	63	26.99N	87	40.78E	63	54N	87	55E	626442	25072	195	0	27	26	ND	ND	ND	2.799
89	7	52	33.059	2240	63	18.09N	87	35.48E	63	45N	87	50E	626234	25073	194	56	27	35	ND	ND	ND	2.805
90	7	52	35.304	2245	63	9.17N	87	30.21E	63	36N	87	44E	626025	25073	194	53	27	43	ND	ND	ND	2.799

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	7	52	37.549	2245	63	0.24N	87	24.99E	63	27N	87	39E	625817	25074	194	49	27	52	ND		ND		ND		2.799
92	7	52	39.784	2236	62	51.35N	87	19.84E	63	18N	87	34E	625611	25074	194	45	28	1	ND		ND		ND		2.810
93	7	52	42.023	2239	62	42.44N	87	14.73E	63	9N	87	28E	625404	25075	194	42	28	10	ND		ND		ND		2.806
94	7	52	44.264	2240	62	33.52N	87	9.66E	63	0N	87	23E	625198	25075	194	38	28	19	ND		ND		ND		2.805
95	7	52	46.503	2240	62	24.60N	87	4.64E	62	52N	87	18E	624993	25076	194	35	28	28	ND		ND		ND		2.805
96	7	52	48.739	2236	62	15.70N	86	59.66E	62	43N	87	13E	624788	25076	194	31	28	37	ND		ND		ND		2.810
97	7	52	50.979	2239	62	6.78N	86	54.73E	62	34N	87	8E	624584	25077	194	28	28	46	ND		ND		ND		2.806
98	7	52	53.219	2240	61	57.85N	86	49.83E	62	25N	87	3E	624380	25077	194	25	28	54	ND		ND		ND		2.805
99	7	52	55.453	2235	61	48.94N	86	44.99E	62	16N	86	58E	624177	25078	194	22	29	3	ND		ND		ND		2.811
100	7	52	57.693	2240	61	40.01N	86	40.18E	62	7N	86	53E	623973	25078	194	18	29	12	ND		ND		ND		2.805
101	7	52	59.929	2235	61	31.09N	86	35.41E	61	58N	86	48E	623771	25079	194	15	29	21	ND		ND		ND		2.811
102	7	53	2.163	2235	61	22.18N	86	30.69E	61	49N	86	43E	623569	25079	194	12	29	30	ND		ND		ND		2.811
103	7	53	4.399	2236	61	13.26N	86	26.01E	61	40N	86	38E	623368	25079	194	9	29	39	ND		ND		ND		2.810
104	7	53	6.634	2234	61	4.34N	86	21.37E	61	31N	86	34E	623168	25080	194	6	29	48	ND		ND		ND		2.813
105	7	53	8.868	2235	60	55.42N	86	16.76E	61	22N	86	29E	622968	25080	194	3	29	56	ND		ND		ND		2.811
106	7	53	11.104	2235	60	46.49N	86	12.20E	61	13N	86	24E	622768	25081	194	0	30	5	ND		ND		ND		2.811
107	7	53	13.339	2235	60	37.56N	86	7.66E	61	4N	86	20E	622569	25081	193	57	30	14	ND		ND		ND		2.811
108	7	53	15.573	2235	60	28.63N	86	3.17E	60	56N	86	15E	622371	25082	193	54	30	23	ND		ND		ND		2.818
109	7	53	17.804	2230	60	19.72N	85	58.72E	60	47N	86	10E	622173	25082	193	51	30	32	ND		ND		ND		2.811
110	7	53	20.038	2235	60	10.78N	85	54.30E	60	38N	86	6E	621976	25083	193	48	30	41	ND		ND		ND		2.811
111	7	53	22.273	2235	60	1.84N	85	49.91E	60	29N	86	1E	621779	25083	193	45	30	50	ND		ND		ND		2.816
112	7	53	24.505	2231	59	52.92N	85	45.56E	60	20N	85	57E	621583	25084	193	42	30	58	ND		ND		ND		2.813
113	7	53	26.738	2234	59	43.98N	85	41.24E	60	11N	85	52E	621387	25084	193	40	31	7	ND		ND		ND		2.818
114	7	53	28.969	2230	59	35.06N	85	36.97E	60	2N	85	48E	621193	25085	193	37	31	16	ND		ND		ND		2.811
115	7	53	31.203	2235	59	26.11N	85	32.71E	59	53N	85	44E	620998	25085	193	34	31	25	ND		ND		ND		2.818
116	7	53	33.434	2230	59	17.18N	85	28.50E	59	44N	85	39E	620804	25086	193	31	31	34	ND		ND		ND		2.818
117	7	53	35.663	2230	59	8.26N	85	24.32E	59	35N	85	35E	620611	25086	193	29	31	43	ND		ND		ND		2.811
118	7	53	37.898	2235	58	59.30N	85	20.16E	59	26N	85	31E	620418	25087	193	26	31	51	ND		ND		ND		2.818
119	7	53	40.128	2230	58	50.37N	85	16.04E	59	17N	85	27E	620227	25087	193	24	32	0	ND		ND		ND		2.818
120	7	53	42.358	2230	58	41.43N	85	11.95E	59	8N	85	22E	620035	25087	193	21	32	9	ND		ND		ND		2.818
121	7	53	44.589	2230	58	32.49N	85	7.89E	58	59N	85	18E	619845	25088	193	19	32	18	ND		ND		ND		2.816
122	7	53	46.819	2231	58	23.55N	85	3.86E	58	50N	85	14E	619654	25088	193	16	32	27	ND		ND		ND		2.819
123	7	53	49.049	2229	58	14.61N	84	59.86E	58	41N	85	10E	619464	25089	193	14	32	36	ND		ND		ND		2.811
124	7	53	51.283	2235	58	5.65N	84	55.88E	58	32N	85	6E	619275	25089	193	11	32	44	ND		ND		ND		2.824
125	7	53	53.509	2225	57	56.72N	84	51.94E	58	24N	85	2E	619088	25090	193	9	32	53	ND		ND		ND		2.818
126	7	53	55.738	2230	57	47.78N	84	48.03E	58	15N	84	58E	618900	25090	193	6	33	2	ND		ND		ND		2.818
127	7	53	57.969	2230	57	38.83N	84	44.14E	58	6N	84	54E	618713	25091	193	4	33	11	ND		ND		ND		2.824
128	7	54	0.193	2225	57	29.90N	84	40.29E	57	57N	84	50E	618526	25091	193	2	33	20	ND		ND		ND		2.811
129	7	54	2.429	2235	57	20.93N	84	36.44E	57	48N	84	46E	618340	25092	192	59	33	28	ND		ND		ND		2.818
130	7	54	4.658	2230	57	11.97N	84	32.64E	57	39N	84	42E	618155	25092	192	57	33	37	ND		ND		ND		2.824
131	7	54	6.884	2225	57	3.04N	84	28.86E	57	30N	84	38E	617971	25092	192	55	33	46	ND		ND		ND		2.824
132	7	54	9.108	2225	56	54.10N	84	25.12E	57	21N	84	35E	617787	25093	192	53	33	55	ND		ND		ND		2.824
133	7	54	11.333	2225	56	45.16N	84	21.39E	57	12N	84	31E	617604	25093	192	51	34	4	ND		ND		ND		2.818
134	7	54	13.563	2230	56	36.20N	84	17.69E	57	3N	84	27E	617421	25094	192	48	34	13	ND		ND		ND		2.824
135	7	54	15.788	2225	56	27.26N	84	14.02E	56	54N	84	23E	617239	25094	192	46	34	21	ND		ND		ND		

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	7	54	18.014	2225	56	18.31N	84	10.37E	56	45N	84	20E	617058	25095	192	44	34	30	ND		ND		ND		2.824
137	7	54	20.239	2226	56	9.36N	84	6.74E	56	36N	84	16E	616877	25095	192	42	34	39	ND		ND		ND		2.823
138	7	54	22.469	2229	56	0.40N	84	3.13E	56	27N	84	12E	616698	25095	192	40	34	48	ND		ND		ND		2.819
139	7	54	24.693	2225	55	51.45N	83	59.55E	56	18N	84	9E	616519	25096	192	38	34	57	ND		ND		ND		2.824
140	7	54	26.918	2225	55	42.50N	83	56.00E	56	9N	84	5E	616341	25096	192	36	35	5	ND		ND		ND		2.824
141	7	54	29.144	2225	55	33.55N	83	52.47E	56	0N	84	1E	616163	25097	192	34	35	14	ND		ND		ND		2.824
142	7	54	31.368	2225	55	24.60N	83	48.96E	55	51N	83	58E	615986	25097	192	32	35	23	ND		ND		ND		2.824
143	7	54	33.594	2225	55	15.64N	83	45.47E	55	42N	83	54E	615809	25098	192	30	35	32	ND		ND		ND		2.824
144	7	54	35.818	2225	55	6.68N	83	42.00E	55	33N	83	51E	615633	25098	192	28	35	40	ND		ND		ND		2.824
145	7	54	38.038	2220	54	57.75N	83	38.57E	55	24N	83	47E	615459	25098	192	26	35	49	ND		ND		ND		2.830
146	7	54	40.269	2230	54	48.77N	83	35.14E	55	15N	83	44E	615284	25099	192	24	35	58	ND		ND		ND		2.818
147	7	54	42.493	2225	54	39.81N	83	31.74E	55	7N	83	40E	615111	25099	192	22	36	7	ND		ND		ND		2.824
148	7	54	44.714	2220	54	30.86N	83	28.36E	54	58N	83	37E	614938	25100	192	21	36	16	ND		ND		ND		2.830
149	7	54	46.938	2225	54	21.90N	83	25.00E	54	49N	83	33E	614766	25100	192	19	36	24	ND		ND		ND		2.824
150	7	54	49.163	2225	54	12.94N	83	21.66E	54	40N	83	30E	614594	25101	192	17	36	33	ND		ND		ND		2.824
151	7	54	51.389	2225	54	3.97N	83	18.34E	54	31N	83	27E	614423	25101	192	15	36	42	ND		ND		ND		2.824
152	7	54	53.608	2220	53	55.02N	83	15.05E	54	22N	83	23E	614253	25101	192	13	36	51	ND		ND		ND		2.830
153	7	54	55.833	2225	53	46.05N	83	11.77E	54	13N	83	20E	614084	25102	192	12	36	59	ND		ND		ND		2.824
154	7	54	58.059	2225	53	37.08N	83	8.50E	54	4N	83	17E	613915	25102	192	10	37	8	ND		ND		ND		2.824
155	7	55	0.283	2225	53	28.11N	83	5.26E	53	55N	83	13E	613748	25103	192	8	37	17	ND		ND		ND		2.824
156	7	55	2.505	2221	53	19.15N	83	2.04E	53	46N	83	10E	613580	25103	192	6	37	26	ND		ND		ND		2.829
157	7	55	4.729	2224	53	10.18N	82	58.84E	53	37N	83	7E	613414	25103	192	5	37	35	ND		ND		ND		2.825
158	7	55	6.948	2220	53	1.23N	82	55.66E	53	28N	83	3E	613249	25104	192	3	37	43	ND		ND		ND		2.830
159	7	55	9.168	2220	52	52.27N	82	52.49E	53	19N	83	0E	613084	25104	192	2	37	52	ND		ND		ND		2.830
160	7	55	11.394	2225	52	43.29N	82	49.34E	53	10N	82	57E	612920	25105	192	0	38	1	ND		ND		ND		2.824
161	7	55	13.613	2220	52	34.33N	82	46.22E	53	1N	82	54E	612757	25105	191	58	38	10	ND		ND		ND		2.830
162	7	55	15.834	2221	52	25.37N	82	43.11E	52	52N	82	51E	612594	25105	191	57	38	18	ND		ND		ND		2.829
163	7	55	18.059	2224	52	16.39N	82	40.01E	52	43N	82	48E	612433	25106	191	55	38	27	ND		ND		ND		2.825
164	7	55	20.278	2220	52	7.42N	82	36.93E	52	34N	82	44E	612271	25106	191	54	38	36	ND		ND		ND		2.830
165	7	55	22.498	2220	51	58.46N	82	33.87E	52	25N	82	41E	612112	25107	191	52	38	45	ND		ND		ND		2.830
166	7	55	24.724	2225	51	49.47N	82	30.82E	52	16N	82	38E	611952	25107	191	51	38	53	ND		ND		ND		2.824
167	7	55	26.943	2220	51	40.51N	82	27.80E	52	7N	82	35E	611793	25107	191	49	39	2	ND		ND		ND		2.830
168	7	55	29.158	2215	51	31.56N	82	24.80E	51	58N	82	32E	611636	25108	191	48	39	11	ND		ND		ND		2.837
169	7	55	31.378	2220	51	22.59N	82	21.80E	51	49N	82	29E	611479	25108	191	46	39	20	ND		ND		ND		2.830
170	7	55	33.604	2225	51	13.60N	82	18.82E	51	40N	82	26E	611323	25108	191	45	39	28	ND		ND		ND		2.824
171	7	55	35.823	2220	51	4.63N	82	15.85E	51	31N	82	23E	611167	25109	191	43	39	37	ND		ND		ND		2.830
172	7	55	38.043	2220	50	55.66N	82	12.91E	51	22N	82	20E	611012	25109	191	42	39	46	ND		ND		ND		2.830
173	7	55	40.259	2215	50	46.70N	82	9.98E	51	13N	82	17E	610859	25110	191	40	39	54	ND		ND		ND		2.837
174	7	55	42.479	2220	50	37.73N	82	7.07E	51	4N	82	14E	610706	25110	191	39	40	3	ND		ND		ND		2.830
175	7	55	44.703	2225	50	28.73N	82	4.16E	50	55N	82	11E	610554	25110	191	38	40	12	ND		ND		ND		2.824
176	7	55	46.924	2220	50	19.75N	82	1.27E	50	46N	82	8E	610402	25111	191	36	40	21	ND		ND		ND		2.830
177	7	55	49.144	2220	50	10.77N	81	58.40E	50	37N	82	5E	610252	25111	191	35	40	29	ND		ND		ND		2.830
178	7	55	51.359	2216	50	1.81N	81	55.55E	50	28N	82	2E	610103	25111	191	33	40	38	ND		ND		ND		2.835
179	7	55	53.583	2224	49	52.82N	81	52.70E	50	19N	81	59E	609954	25112	191	32	40	47	ND		ND		ND		2.825
180	7	55	55.804	2220	49	43.83N	81	49.87E	50	10N	81	57E	609805	25112	191	31	40	56	ND		ND		ND		2.830

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FRM	Z TIME HR MI SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	CAMERA NADIR LONG DEG MIN	FORMAT CENTER LAT DEG MIN	FORMAT CENTER LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
181	7 55 58.019	2215	49 34.87N	81 47.06E	50 1N	81 54E	609658	25112	191 30	41 4	ND	ND	ND	2.837
182	7 56 0.243	2225	49 25.87N	81 44.25E	49 52N	81 51E	609512	25113	191 28	41 13	ND	ND	ND	2.824
183	7 56 2.464	2220	49 16.88N	81 41.46E	49 43N	81 48E	609366	25113	191 27	41 22	ND	ND	ND	2.830
184	7 56 4.684	2220	49 7.90N	81 38.69E	49 34N	81 45E	609222	25114	191 26	41 30	ND	ND	ND	2.830
185	7 56 6.903	2220	48 58.91N	81 35.93E	49 25N	81 42E	609077	25114	191 24	41 39	ND	ND	ND	2.830
186	7 56 9.123	2220	48 49.92N	81 33.18E	49 16N	81 40E	608934	25114	191 23	41 48	ND	ND	ND	2.830
187	7 56 11.344	2220	48 40.93N	81 30.44E	49 7N	81 37E	608792	25115	191 22	41 57	ND	ND	ND	2.830
188	7 56 13.563	2220	48 31.94N	81 27.72E	48 58N	81 34E	608651	25115	191 21	42 5	ND	ND	ND	2.830
189	7 56 15.778	2215	48 22.97N	81 25.01E	48 50N	81 31E	608511	25115	191 20	42 14	ND	ND	ND	2.837
190	7 56 17.998	2220	48 13.98N	81 22.32E	48 41N	81 29E	608372	25116	191 18	42 23	ND	ND	ND	2.830
191	7 56 20.215	2216	48 5.00N	81 19.64E	48 32N	81 26E	608233	25116	191 17	42 31	ND	ND	ND	2.835
192	7 56 22.434	2219	47 56.01N	81 16.97E	48 23N	81 23E	608096	25116	191 16	42 40	ND	ND	ND	2.832
193	7 56 24.653	2220	47 47.02N	81 14.31E	48 14N	81 20E	607958	25117	191 15	42 49	ND	ND	ND	2.830
194	7 56 26.873	2220	47 38.03N	81 11.66E	48 5N	81 18E	607823	25117	191 14	42 58	ND	ND	ND	2.830
195	7 56 29.089	2215	47 29.05N	81 9.03E	47 56N	81 15E	607688	25117	191 13	43 6	ND	ND	ND	2.837
196	7 56 31.309	2220	47 20.05N	81 6.40E	47 47N	81 12E	607554	25118	191 12	43 15	ND	ND	ND	2.830
197	7 56 33.528	2220	47 11.05N	81 3.79E	47 38N	81 10E	607421	25118	191 10	43 24	ND	ND	ND	2.830
198	7 56 35.743	2215	47 2.08N	81 1.19E	47 29N	81 7E	607288	25118	191 9	43 32	ND	ND	ND	2.837
199	7 56 37.958	2215	46 53.10N	80 58.61E	47 20N	81 5E	607158	25119	191 8	43 41	ND	ND	ND	2.837
200	7 56 40.179	2220	46 44.09N	80 56.03E	47 11N	81 2E	607027	25119	191 7	43 50	ND	ND	ND	2.830
201	7 56 42.398	2220	46 35.09N	80 53.46E	47 2N	80 59E	606897	25119	191 6	43 58	ND	ND	ND	2.830
202	7 56 44.613	2215	46 26.11N	80 50.91E	46 53N	80 57E	606769	25119	191 5	44 7	ND	ND	ND	2.837
203	7 56 46.829	2216	46 17.12N	80 48.37E	46 44N	80 54E	606642	25120	191 4	44 16	ND	ND	ND	2.835
204	7 56 49.049	2219	46 8.12N	80 45.83E	46 35N	80 52E	606515	25120	191 3	44 24	ND	ND	ND	2.832
205	7 56 51.269	2220	45 59.12N	80 43.31E	46 26N	80 49E	606389	25120	191 2	44 33	ND	ND	ND	2.830
206	7 56 53.484	2216	45 50.13N	80 40.80E	46 17N	80 47E	606264	25121	191 1	44 42	ND	ND	ND	2.835
207	7 56 55.703	2219	45 41.12N	80 38.30E	46 8N	80 44E	606140	25121	191 0	44 50	ND	ND	ND	2.832
208	7 56 57.924	2220	45 32.11N	80 35.81E	45 59N	80 41E	606017	25121	190 59	44 59	ND	ND	ND	2.830
209	7 57 0.139	2215	45 23.12N	80 33.33E	45 50N	80 39E	605896	25122	190 58	45 8	ND	ND	ND	2.837
210	7 57 2.358	2220	45 14.12N	80 30.86E	45 41N	80 36E	605774	25122	190 57	45 16	ND	ND	ND	2.830
211	7 57 4.578	2220	45 5.11N	80 28.39E	45 32N	80 34E	605654	25122	190 56	45 25	ND	ND	ND	2.830
212	7 57 6.793	2215	44 56.12N	80 25.95E	45 23N	80 31E	605535	25123	190 55	45 34	ND	ND	ND	2.837
213	7 57 9.010	2216	44 47.12N	80 23.51E	45 14N	80 29E	605417	25123	190 54	45 42	ND	ND	ND	2.835
214	7 57 11.229	2219	44 38.11N	80 21.08E	45 5N	80 27E	605300	25123	190 53	45 51	ND	ND	ND	2.832
215	7 57 13.444	2216	44 29.11N	80 18.66E	44 56N	80 24E	605184	25123	190 52	46 0	ND	ND	ND	2.835
216	7 57 15.663	2219	44 20.10N	80 16.24E	44 47N	80 22E	605068	25124	190 51	46 8	ND	ND	ND	2.832
217	7 57 17.878	2215	44 11.11N	80 13.85E	44 38N	80 19E	604954	25124	190 51	46 17	ND	ND	ND	2.837
218	7 57 20.099	2220	44 2.09N	80 11.45E	44 29N	80 17E	604841	25124	190 50	46 26	ND	ND	ND	2.830
219	7 57 22.313	2215	43 53.09N	80 9.07E	44 20N	80 14E	604729	25125	190 49	46 34	ND	ND	ND	2.837
220	7 57 24.529	2216	43 44.09N	80 6.70E	44 11N	80 12E	604618	25125	190 48	46 43	ND	ND	ND	2.835
221	7 57 26.748	2219	43 35.08N	80 4.33E	44 1N	80 10E	604508	25125	190 47	46 52	ND	ND	ND	2.832
222	7 57 28.964	2215	43 26.08N	80 1.98E	43 52N	80 7E	604399	25125	190 46	47 0	ND	ND	ND	2.837
223	7 57 31.179	2215	43 17.08N	79 59.63E	43 43N	80 5E	604290	25126	190 45	47 9	ND	ND	ND	2.837
224	7 57 33.394	2215	43 8.08N	79 57.30E	43 34N	80 3E	604184	25126	190 45	47 17	ND	ND	ND	2.837
225	7 57 35.608	2215	42 59.08N	79 54.97E	43 25N	80 0E	604077	25126	190 44	47 26	ND	ND	ND	2.837

Approved for Release 2007/06/09 : CIA-RDP78T06435A000200010400-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	7	57	37.829	2221	42	50.05N	79	52.64E	43	16N	79	58E	603972	25126	190	43	47	35	ND		ND		ND		2.829
227	7	57	40.049	2219	42	41.03N	79	50.33E	43	7N	79	55E	603868	25127	190	42	47	43	ND		ND		ND		2.832
228	7	57	42.264	2215	42	32.03N	79	48.03E	42	58N	79	53E	603764	25127	190	41	47	52	ND		ND		ND		2.837
229	7	57	44.479	2215	42	23.02N	79	45.73E	42	49N	79	51E	603663	25127	190	40	48	1	ND		ND		ND		2.837
230	7	57	46.693	2215	42	14.02N	79	43.45E	42	40N	79	49E	603562	25127	190	40	48	9	ND		ND		ND		2.837
231	7	57	48.913	2220	42	4.99N	79	41.17E	42	31N	79	46E	603462	25128	190	39	48	18	ND		ND		ND		2.830
232	7	57	51.128	2215	41	55.99N	79	38.90E	42	22N	79	44E	603363	25128	190	38	48	26	ND		ND		ND		2.837
233	7	57	53.344	2215	41	46.98N	79	36.64E	42	13N	79	42E	603265	25128	190	37	48	35	ND		ND		ND		2.837
234	7	57	55.559	2215	41	37.97N	79	34.38E	42	4N	79	39E	603168	25128	190	37	48	44	ND		ND		ND		2.837
235	7	57	57.778	2220	41	28.94N	79	32.13E	41	55N	79	37E	603073	25129	190	36	48	52	ND		ND		ND		2.830
236	7	57	59.993	2215	41	19.94N	79	29.90E	41	46N	79	35E	602978	25129	190	35	49	1	ND		ND		ND		2.837
237	7	58	2.214	2220	41	10.90N	79	27.66E	41	37N	79	33E	602884	25129	190	34	49	9	ND		ND		ND		2.830
238	7	58	4.429	2215	41	1.89N	79	25.44E	41	28N	79	30E	602791	25129	190	34	49	18	ND		ND		ND		2.837
239	7	58	6.644	2215	40	52.88N	79	23.23E	41	19N	79	28E	602700	25130	190	33	49	27	ND		ND		ND		2.837
240	7	58	8.858	2215	40	43.87N	79	21.02E	41	10N	79	26E	602610	25130	190	32	49	35	ND		ND		ND		2.837
241	7	58	11.073	2215	40	34.86N	79	18.82E	41	1N	79	24E	602520	25130	190	31	49	44	ND		ND		ND		2.837
242	7	58	13.288	2215	40	25.85N	79	16.63E	40	52N	79	21E	602432	25130	190	31	49	52	ND		ND		ND		2.837
243	7	58	15.509	2220	40	16.81N	79	14.44E	40	43N	79	19E	602345	25130	190	30	50	1	ND		ND		ND		2.830
244	7	58	17.720	2211	40	7.81N	79	12.26E	40	34N	79	17E	602259	25131	190	29	50	9	ND		ND		ND		2.842
245	7	58	19.938	2219	39	58.78N	79	10.09E	40	25N	79	15E	602174	25131	190	29	50	18	ND		ND		ND		2.832
246	7	58	22.153	2215	39	49.77N	79	7.92E	40	16N	79	13E	602090	25131	190	28	50	27	ND		ND		ND		2.837
247	7	58	24.368	2215	39	40.75N	79	5.77E	40	7N	79	10E	602007	25131	190	27	50	35	ND		ND		ND		2.837
248	7	58	26.583	2215	39	31.73N	79	3.62E	39	58N	79	8E	601925	25131	190	27	50	44	ND		ND		ND		2.837
249	7	58	28.799	2215	39	22.71N	79	1.48E	39	49N	79	6E	601845	25132	190	26	50	52	ND		ND		ND		2.837
250	7	58	31.014	2215	39	13.70N	78	59.34E	39	40N	79	4E	601766	25132	190	25	51	1	ND		ND		ND		2.837
251	7	58	33.229	2215	39	4.68N	78	57.21E	39	31N	79	2E	601687	25132	190	25	51	9	ND		ND		ND		2.837
252	7	58	35.443	2215	38	55.66N	78	55.09E	39	22N	79	0E	601610	25132	190	24	51	18	ND		ND		ND		2.837
253	7	58	37.658	2215	38	46.64N	78	52.97E	39	13N	78	58E	601534	25132	190	23	51	26	ND		ND		ND		2.837
254	7	58	39.873	2215	38	37.62N	78	50.86E	39	4N	78	55E	601460	25133	190	23	51	35	ND		ND		ND		2.837
255	7	58	42.084	2211	38	28.61N	78	48.76E	38	55N	78	53E	601386	25133	190	22	51	43	ND		ND		ND		2.842
256	7	58	44.304	2219	38	19.57N	78	46.66E	38	46N	78	51E	601313	25133	190	22	51	52	ND		ND		ND		2.832
257	7	58	46.519	2215	38	10.55N	78	44.57E	38	37N	78	49E	601241	25133	190	21	52	1	ND		ND		ND		2.837
258	7	58	48.733	2215	38	1.53N	78	42.49E	38	28N	78	47E	601171	25133	190	20	52	9	ND		ND		ND		2.837
259	7	58	50.948	2215	37	52.51N	78	40.41E	38	19N	78	45E	601102	25134	190	20	52	18	ND		ND		ND		2.837
260	7	58	53.163	2215	37	43.48N	78	38.34E	38	10N	78	43E	601033	25134	190	19	52	26	ND		ND		ND		2.837
261	7	58	55.378	2215	37	34.46N	78	36.27E	38	1N	78	41E	600967	25134	190	19	52	35	ND		ND		ND		2.837
262	7	58	57.594	2215	37	25.43N	78	34.21E	37	52N	78	39E	600901	25134	190	18	52	43	ND		ND		ND		2.837
263	7	58	59.809	2215	37	16.41N	78	32.16E	37	43N	78	37E	600837	25134	190	17	52	52	ND		ND		ND		2.837
264	7	59	2.023	2215	37	7.38N	78	30.11E	37	34N	78	34E	600773	25134	190	17	53	0	ND		ND		ND		2.837
265	7	59	4.238	2215	36	58.35N	78	28.07E	37	25N	78	32E	600711	25135	190	16	53	9	ND		ND		ND		2.837
266	7	59	6.453	2215	36	49.33N	78	26.03E	37	16N	78	30E	600649	25135	190	16	53	17	ND		ND		ND		2.837
267	7	59	8.668	2215	36	40.30N	78	24.00E	37	7N	78	28E	600589	25135	190	15	53	26	ND		ND		ND		2.837
268	7	59	10.884	2215	36	31.27N	78	21.98E	36	58N	78	26E	600530	25135	190	15	53	34	ND		ND		ND		2.837
269	7	59	13.099	2215	36	22.24N	78	19.96E	36	49N	78	24E	600473	25135	190	14	53	42	ND		ND		ND		2.837
270	7	59	15.313	2215	36	13.21N	78	17.95E	36	39N	78	22E	600417	25135	190	14	53	51	ND		ND		ND		2.837

FRAME EPHEMERIS MISSION 1018-2

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
271	7	59	17.528	2215	36	4.18N	78	15.94E	36	30N	78	20E	600362	25135	190	13	53	59	ND		ND		ND		2.837
272	7	59	19.738	2210	35	55.17N	78	13.94E	36	21N	78	18E	600307	25136	190	13	54	8	ND		ND		ND		2.843
273	7	59	21.953	2215	35	46.14N	78	11.95E	36	12N	78	16E	600255	25136	190	12	54	16	ND		ND		ND		2.837
274	7	59	24.168	2215	35	37.11N	78	9.95E	36	3N	78	14E	600203	25136	190	11	54	25	ND		ND		ND		2.837
275	7	59	26.384	2215	35	28.07N	78	7.97E	35	54N	78	12E	600152	25136	190	11	54	33	ND		ND		ND		2.837
276	7	59	28.595	2211	35	19.06N	78	5.99E	35	45N	78	10E	600103	25136	190	10	54	42	ND		ND		ND		2.842
277	7	59	30.809	2214	35	10.03N	78	4.02E	35	36N	78	8E	600056	25136	190	10	54	50	ND		ND		ND		2.838
278	7	59	33.023	2215	35	0.99N	78	2.05E	35	27N	78	6E	600009	25136	190	9	54	59	ND		ND		ND		2.837
279	7	59	35.233	2210	34	51.98N	78	0.09E	35	18N	78	4E	599963	25137	190	9	55	7	ND		ND		ND		2.843
280	7	59	37.448	2215	34	42.95N	77	58.13E	35	9N	78	2E	599919	25137	190	8	55	15	ND		ND		ND		2.837
281	7	59	39.663	2215	34	33.91N	77	56.17E	35	0N	78	0E	599876	25137	190	8	55	24	ND		ND		ND		2.837
282	7	59	41.878	2215	34	24.88N	77	54.22E	34	51N	77	58E	599834	25137	190	8	55	32	ND		ND		ND		2.837
283	7	59	44.094	2215	34	15.84N	77	52.28E	34	42N	77	56E	599794	25137	190	7	55	41	ND		ND		ND		2.837
284	7	59	46.305	2211	34	6.82N	77	50.34E	34	33N	77	54E	599754	25137	190	7	55	49	ND		ND		ND		2.842
285	7	59	48.519	2214	33	57.78N	77	48.41E	34	24N	77	52E	599716	25137	190	6	55	57	ND		ND		ND		2.838
286	7	59	50.733	2215	33	48.75N	77	46.48E	34	15N	77	50E	599678	25137	190	6	56	6	ND		ND		ND		2.837
287	7	59	52.948	2215	33	39.71N	77	44.55E	34	6N	77	49E	599642	25137	190	5	56	14	ND		ND		ND		2.837
288	7	59	55.159	2211	33	30.69N	77	42.64E	33	57N	77	47E	599608	25137	190	5	56	23	ND		ND		ND		2.842
289	7	59	57.373	2214	33	21.65N	77	40.72E	33	48N	77	45E	599575	25138	190	4	56	31	ND		ND		ND		2.838
290	7	59	59.594	2220	33	12.59N	77	38.80E	33	39N	77	43E	599543	25138	190	4	56	39	ND		ND		ND		2.830
291	8	0	1.809	2215	33	3.55N	77	36.90E	33	30N	77	41E	599512	25138	190	3	56	48	ND		ND		ND		2.837
292	8	0	4.023	2215	32	54.51N	77	35.00E	33	21N	77	39E	599482	25138	190	3	56	56	ND		ND		ND		2.837
293	8	0	6.238	2215	32	45.47N	77	33.10E	33	12N	77	37E	599454	25138	190	3	57	4	ND		ND		ND		2.837
294	8	0	8.453	2215	32	36.43N	77	31.21E	33	3N	77	35E	599428	25138	190	2	57	13	ND		ND		ND		2.837
295	8	0	10.668	2215	32	27.39N	77	29.32E	32	54N	77	33E	599402	25138	190	2	57	21	ND		ND		ND		2.837
296	8	0	12.884	2215	32	18.34N	77	27.43E	32	45N	77	31E	599377	25138	190	1	57	30	ND		ND		ND		2.837
297	8	0	15.099	2215	32	9.30N	77	25.56E	32	36N	77	29E	599355	25138	190	1	57	38	ND		ND		ND		2.837
298	8	0	17.318	2220	32	0.24N	77	23.68E	32	26N	77	28E	599333	25138	190	1	57	46	ND		ND		ND		2.830
299	8	0	19.529	2211	31	51.21N	77	21.81E	32	17N	77	26E	599313	25138	190	0	57	55	ND		ND		ND		2.842
300	8	0	21.743	2214	31	42.17N	77	19.94E	32	8N	77	24E	599293	25138	190	0	58	3	ND		ND		ND		2.838
301	8	0	23.958	2215	31	33.13N	77	18.08E	31	59N	77	22E	599275	25138	189	59	58	11	ND		ND		ND		2.837
302	8	0	26.174	2215	31	24.08N	77	16.22E	31	50N	77	20E	599258	25139	189	59	58	19	ND		ND		ND		2.837
303	8	0	28.389	2215	31	15.03N	77	14.37E	31	41N	77	18E	599243	25139	189	59	58	28	ND		ND		ND		2.837
304	8	0	30.604	2215	31	5.99N	77	12.52E	31	32N	77	16E	599228	25139	189	58	58	36	ND		ND		ND		2.837
305	8	0	32.813	2210	30	56.96N	77	10.68E	31	23N	77	14E	599215	25139	189	58	58	44	ND		ND		ND		2.843
306	8	0	35.028	2215	30	47.92N	77	8.84E	31	14N	77	13E	599204	25139	189	57	58	53	ND		ND		ND		2.837
307	8	0	37.248	2220	30	38.85N	77	6.99E	31	5N	77	11E	599193	25139	189	57	59	1	ND		ND		ND		2.830
308	8	0	39.458	2210	30	29.82N	77	5.16E	30	56N	77	9E	599185	25139	189	57	59	9	ND		ND		ND		2.843
309	8	0	41.674	2215	30	20.77N	77	3.33E	30	47N	77	7E	599177	25139	189	56	59	17	ND		ND		ND		2.837
310	8	0	43.889	2215	30	11.73N	77	1.51E	30	38N	77	5E	599171	25139	189	56	59	26	ND		ND		ND		2.837
311	8	0	46.108	2220	30	2.66N	76	59.68E	30	29N	77	3E	599166	25139	189	56	59	34	ND		ND		ND		2.830
312	8	0	48.318	2210	29	53.63N	76	57.87E	30	20N	77	2E	599162	25139	189	55	59	42	ND		ND		ND		2.843

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84870-65

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PASS 73A AFT 30MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	9	2	17.668	0	38 7.98N	126 34.43W	37 36N	126 29W	740019	24815	349 37	-47 54	ND	ND	ND	1.703
2	9	2	21.358	3690	38 22.82N	126 37.88W	37 50N	126 32W	739652	24816	349 36	-47 40	ND	ND	ND	1.703
3	9	2	24.378	3020	38 34.96N	126 40.71W	38 3N	126 35W	739353	24816	349 35	-47 28	ND	ND	ND	2.081
4	9	2	27.224	2845	38 46.41N	126 43.40W	38 14N	126 38W	739071	24817	349 35	-47 17	ND	ND	ND	2.209
5	9	2	30.003	2780	38 57.58N	126 46.03W	38 25N	126 40W	738796	24817	349 34	-47 6	ND	ND	ND	2.260
6	9	2	32.753	2750	39 8.64N	126 48.64W	38 36N	126 43W	738524	24818	349 33	-46 56	ND	ND	ND	2.285
7	9	2	35.488	2735	39 19.63N	126 51.25W	38 47N	126 46W	738254	24819	349 32	-46 45	ND	ND	ND	2.297
8	9	2	38.214	2725	39 30.59N	126 53.86W	38 58N	126 48W	737985	24819	349 31	-46 35	ND	ND	ND	2.306
9	9	2	40.934	2720	39 41.52N	126 56.48W	39 9N	126 51W	737717	24820	349 31	-46 24	ND	ND	ND	2.310
10	9	2	43.653	2720	39 52.46N	126 59.10W	39 20N	126 53W	737449	24820	349 30	-46 14	ND	ND	ND	2.310
11	9	2	46.363	2710	40 3.35N	127 1.73W	39 31N	126 56W	737182	24821	349 29	-46 3	ND	ND	ND	2.319
12	9	2	49.074	2711	40 14.24N	127 4.37W	39 42N	126 59W	736915	24822	349 28	-45 53	ND	ND	ND	2.318
13	9	2	51.783	2709	40 25.13N	127 7.01W	39 53N	127 1W	736649	24822	349 27	-45 43	ND	ND	ND	2.319
14	9	2	54.493	2710	40 36.02N	127 9.67W	40 4N	127 4W	736383	24823	349 27	-45 32	ND	ND	ND	2.319
15	9	2	57.198	2705	40 46.89N	127 12.33W	40 15N	127 6W	736118	24823	349 26	-45 22	ND	ND	ND	2.323
16	9	2	59.898	2700	40 57.74N	127 15.00W	40 26N	127 9W	735853	24824	349 25	-45 11	ND	ND	ND	2.327

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	9	18	2.853	0	76 18.72N	79 39.47E	76 44N	80 32E	645772	25026	206 51	14 13	ND	ND	ND	2.001
2	9	18	5.992	3140	76 7.22N	79 15.23E	76 33N	80 7E	645447	25027	206 29	14 25	ND	ND	ND	2.001
3	9	18	8.607	2615	75 57.61N	78 55.52E	76 23N	79 46E	645176	25028	206 11	14 35	ND	ND	ND	2.403
4	9	18	11.072	2465	75 48.53N	78 37.32E	76 14N	79 26E	644921	25028	205 55	14 45	ND	ND	ND	2.549
5	9	18	13.473	2400	75 39.67N	78 19.95E	76 6N	79 8E	644672	25029	205 39	14 55	ND	ND	ND	2.618
6	9	18	15.843	2370	75 30.90N	78 3.13E	75 57N	78 50E	644427	25029	205 24	15 4	ND	ND	ND	2.651
7	9	18	18.188	2346	75 22.20N	77 46.80E	75 48N	78 33E	644185	25030	205 9	15 13	ND	ND	ND	2.678
8	9	18	20.532	2344	75 13.49N	77 30.78E	75 39N	78 16E	643943	25031	204 55	15 23	ND	ND	ND	2.681
9	9	18	22.862	2330	75 4.82N	77 15.14E	75 31N	78 0E	643703	25031	204 41	15 32	ND	ND	ND	2.697
10	9	18	25.192	2330	74 56.12N	76 59.79E	75 22N	77 43E	643462	25032	204 27	15 41	ND	ND	ND	2.697
11	9	18	27.513	2320	74 47.45N	76 44.77E	75 14N	77 28E	643224	25032	204 14	15 51	ND	ND	ND	2.708
12	9	18	29.833	2321	74 38.77N	76 30.02E	75 5N	77 12E	642985	25033	204 1	16 0	ND	ND	ND	2.707
13	9	18	32.152	2319	74 30.07N	76 15.53E	74 56N	76 57E	642747	25033	203 48	16 9	ND	ND	ND	2.709
14	9	18	34.469	2316	74 21.37N	76 1.31E	74 48N	76 42E	642508	25034	203 36	16 18	ND	ND	ND	2.713
15	9	18	36.782	2314	74 12.67N	75 47.36E	74 39N	76 27E	642270	25035	203 23	16 27	ND	ND	ND	2.715
16	9	18	39.093	2310	74 3.96N	75 33.65E	74 30N	76 13E	642034	25035	203 11	16 37	ND	ND	ND	2.720
17	9	18	41.407	2315	73 55.23N	75 20.16E	74 22N	75 58E	641796	25036	202 59	16 46	ND	ND	ND	2.714
18	9	18	43.718	2310	73 46.50N	75 6.91E	74 13N	75 45E	641560	25036	202 48	16 55	ND	ND	ND	2.720
19	9	18	46.022	2305	73 37.77N	74 53.92E	74 4N	75 31E	641324	25037	202 36	17 4	ND	ND	ND	2.726
20	9	18	48.327	2305	73 29.04N	74 41.14E	73 55N	75 17E	641088	25037	202 25	17 13	ND	ND	ND	2.726
21	9	18	50.627	2300	73 20.31N	74 28.59E	73 47N	75 4E	640853	25038	202 14	17 22	ND	ND	ND	2.732
22	9	18	52.929	2301	73 11.56N	74 16.23E	73 38N	74 51E	640618	25038	202 3	17 32	ND	ND	ND	2.731
23	9	18	55.232	2304	73 2.80N	74 4.06E	73 29N	74 39E	640384	25039	201 53	17 41	ND	ND	ND	2.727
24	9	18	57.527	2295	72 54.05N	73 52.12E	73 21N	74 26E	640150	25039	201 43	17 50	ND	ND	ND	2.738
25	9	18	59.827	2300	72 45.28N	73 40.35E	73 12N	74 14E	639915	25040	201 32	17 59	ND	ND	ND	2.732
26	9	19	2.122	2295	72 36.51N	73 28.78E	73 3N	74 2E	639682	25041	201 23	18 8	ND	ND	ND	2.738
27	9	19	4.417	2295	72 27.74N	73 17.40E	72 54N	73 50E	639449	25041	201 13	18 17	ND	ND	ND	2.738
28	9	19	6.712	2295	72 18.96N	73 6.18E	72 46N	73 38E	639216	25042	201 3	18 26	ND	ND	ND	2.738
29	9	19	9.002	2290	72 10.18N	72 55.16E	72 37N	73 26E	638984	25042	200 54	18 35	ND	ND	ND	2.744
30	9	19	11.298	2295	72 1.37N	72 44.27E	72 28N	73 15E	638751	25043	200 44	18 44	ND	ND	ND	2.738
31	9	19	13.587	2290	71 52.58N	72 33.58E	72 19N	73 4E	638520	25043	200 35	18 54	ND	ND	ND	2.744
32	9	19	15.872	2285	71 43.80N	72 23.06E	72 10N	72 53E	638289	25044	200 27	19 3	ND	ND	ND	2.750
33	9	19	18.162	2290	71 34.98N	72 12.67E	72 2N	72 42E	638058	25044	200 18	19 12	ND	ND	ND	2.744
34	9	19	20.452	2290	71 26.16N	72 2.43E	71 53N	72 31E	637827	25045	200 9	19 21	ND	ND	ND	2.744
35	9	19	22.737	2285	71 17.35N	71 52.36E	71 44N	72 21E	637597	25046	200 1	19 30	ND	ND	ND	2.750
36	9	19	25.018	2280	71 8.55N	71 42.45E	71 35N	72 10E	637367	25046	199 52	19 39	ND	ND	ND	2.756
37	9	19	27.299	2281	70 59.74N	71 32.68E	71 26N	72 0E	637138	25047	199 44	19 48	ND	ND	ND	2.755
38	9	19	29.582	2284	70 50.92N	71 23.03E	71 18N	71 50E	636909	25047	199 36	19 57	ND	ND	ND	2.751
39	9	19	31.862	2280	70 42.09N	71 13.53E	71 9N	71 40E	636680	25048	199 28	20 6	ND	ND	ND	2.756
40	9	19	34.138	2275	70 33.28N	71 4.18E	71 0N	71 30E	636452	25048	199 21	20 15	ND	ND	ND	2.762
41	9	19	36.417	2280	70 24.45N	70 54.94E	70 51N	71 21E	636225	25049	199 13	20 24	ND	ND	ND	2.756
42	9	19	38.697	2280	70 15.60N	70 45.82E	70 42N	71 11E	635997	25049	199 5	20 33	ND	ND	ND	2.756
43	9	19	40.973	2275	70 6.77N	70 36.84E	70 34N	71 2E	635769	25050	198 58	20 42	ND	ND	ND	2.762
44	9	19	43.247	2275	69 57.93N	70 27.98E	70 25N	70 53E	635543	25050	198 51	20 51	ND	ND	ND	2.762
45	9	19	45.519	2271	69 49.10N	70 19.25E	70 16N	70 44E	635317	25051	198 44	21 0	ND	ND	ND	2.767

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	9	19	47.792	2274	69 40.26N	70 10.62E	70 7N	70 35E	635091	25051	198 37	21 9	ND	ND	ND	2.763
47	9	19	50.067	2275	69 31.40N	70 2.10E	69 58N	70 26E	634865	25052	198 30	21 18	ND	ND	ND	2.762
48	9	19	52.337	2270	69 22.56N	69 53.71E	69 49N	70 17E	634641	25052	198 23	21 27	ND	ND	ND	2.768
49	9	19	54.607	2270	69 13.70N	69 45.42E	69 41N	70 9E	634416	25053	198 16	21 37	ND	ND	ND	2.768
50	9	19	56.873	2266	69 4.87N	69 37.26E	69 32N	70 0E	634192	25054	198 10	21 46	ND	ND	ND	2.773
51	9	19	59.143	2269	68 56.01N	69 29.18E	69 23N	69 52E	633968	25054	198 3	21 54	ND	ND	ND	2.769
52	9	20	1.407	2265	68 47.16N	69 21.21E	69 14N	69 43E	633745	25055	197 57	22 4	ND	ND	ND	2.774
53	9	20	3.673	2265	68 38.30N	69 13.35E	69 5N	69 35E	633522	25055	197 50	22 13	ND	ND	ND	2.774
54	9	20	5.942	2270	68 29.42N	69 5.56E	68 56N	69 27E	633299	25056	197 44	22 22	ND	ND	ND	2.768
55	9	20	8.207	2265	68 20.56N	68 57.88E	68 47N	69 19E	633076	25056	197 38	22 30	ND	ND	ND	2.774
56	9	20	10.468	2260	68 11.71N	68 50.31E	68 39N	69 11E	632855	25057	197 32	22 39	ND	ND	ND	2.780
57	9	20	12.728	2260	68 2.85N	68 42.83E	68 30N	69 4E	632634	25057	197 26	22 48	ND	ND	ND	2.780
58	9	20	14.992	2265	67 53.97N	68 35.42E	68 21N	68 56E	632413	25058	197 21	22 57	ND	ND	ND	2.774
59	9	20	17.252	2260	67 45.11N	68 28.12E	68 12N	68 48E	632193	25058	197 15	23 6	ND	ND	ND	2.780
60	9	20	19.508	2255	67 36.25N	68 20.91E	68 3N	68 41E	631973	25059	197 9	23 15	ND	ND	ND	2.786
61	9	20	21.768	2260	67 27.38N	68 13.77E	67 54N	68 33E	631753	25059	197 4	23 24	ND	ND	ND	2.780
62	9	20	24.027	2260	67 18.50N	68 6.71E	67 45N	68 26E	631534	25060	196 58	23 33	ND	ND	ND	2.780
63	9	20	26.282	2255	67 9.63N	67 59.75E	67 37N	68 19E	631316	25060	196 53	23 42	ND	ND	ND	2.786
64	9	20	28.537	2255	67 0.76N	67 52.86E	67 28N	68 12E	631097	25061	196 47	23 51	ND	ND	ND	2.786
65	9	20	30.792	2255	66 51.89N	67 46.05E	67 19N	68 5E	630879	25061	196 42	24 0	ND	ND	ND	2.786
66	9	20	33.048	2255	66 43.01N	67 39.31E	67 10N	67 58E	630662	25062	196 37	24 9	ND	ND	ND	2.786
67	9	20	35.303	2255	66 34.13N	67 32.65E	67 1N	67 51E	630444	25062	196 32	24 18	ND	ND	ND	2.793
68	9	20	37.553	2250	66 25.26N	67 26.07E	66 52N	67 44E	630229	25063	196 27	24 27	ND	ND	ND	2.786
69	9	20	39.808	2255	66 16.37N	67 19.56E	66 43N	67 37E	630012	25063	196 22	24 36	ND	ND	ND	2.793
70	9	20	42.058	2250	66 7.49N	67 13.12E	66 34N	67 31E	629797	25064	196 17	24 45	ND	ND	ND	2.793
71	9	20	44.308	2250	65 58.61N	67 6.75E	66 26N	67 24E	629582	25064	196 12	24 54	ND	ND	ND	2.791
72	9	20	46.559	2251	65 49.73N	67 0.45E	66 17N	67 18E	629367	25065	196 8	25 3	ND	ND	ND	2.794
73	9	20	48.808	2249	65 40.84N	66 54.22E	66 8N	67 11E	629153	25065	196 3	25 12	ND	ND	ND	2.793
74	9	20	51.058	2250	65 31.95N	66 48.05E	65 59N	67 5E	628939	25066	195 58	25 21	ND	ND	ND	2.799
75	9	20	53.303	2245	65 23.07N	66 41.95E	65 50N	66 59E	628726	25066	195 54	25 30	ND	ND	ND	2.799
76	9	20	55.548	2245	65 14.20N	66 35.92E	65 41N	66 52E	628513	25067	195 49	25 38	ND	ND	ND	2.798
77	9	20	57.793	2246	65 5.31N	66 29.95E	65 32N	66 46E	628301	25067	195 45	25 47	ND	ND	ND	2.800
78	9	21	0.037	2244	64 56.43N	66 24.04E	65 23N	66 40E	628090	25068	195 41	25 56	ND	ND	ND	2.799
79	9	21	2.282	2245	64 47.54N	66 18.18E	65 14N	66 34E	627878	25068	195 36	26 5	ND	ND	ND	2.799
80	9	21	4.527	2245	64 38.65N	66 12.39E	65 6N	66 28E	627667	25069	195 32	26 14	ND	ND	ND	2.805
81	9	21	6.768	2240	64 29.77N	66 6.66E	64 57N	66 22E	627457	25069	195 28	26 23	ND	ND	ND	2.799
82	9	21	9.013	2245	64 20.87N	66 0.98E	64 48N	66 16E	627247	25070	195 24	26 32	ND	ND	ND	2.805
83	9	21	11.252	2240	64 11.99N	65 55.36E	64 39N	66 11E	627038	25070	195 20	26 41	ND	ND	ND	2.799
84	9	21	13.497	2245	64 3.08N	65 49.79E	64 30N	66 5E	626829	25071	195 16	26 50	ND	ND	ND	2.805
85	9	21	15.737	2240	63 54.19N	65 44.28E	64 21N	65 59E	626620	25071	195 12	26 59	ND	ND	ND	2.805
86	9	21	17.978	2240	63 45.30N	65 38.82E	64 12N	65 53E	626413	25072	195 8	27 7	ND	ND	ND	2.805
87	9	21	20.218	2240	63 36.40N	65 33.41E	64 3N	65 48E	626206	25072	195 4	27 16	ND	ND	ND	2.810
88	9	21	22.453	2236	63 27.52N	65 28.06E	63 54N	65 42E	625999	25073	195 0	27 25	ND	ND	ND	2.800
89	9	21	24.697	2244	63 18.60N	65 22.75E	63 46N	65 37E	625792	25073	194 57	27 34	ND	ND	ND	2.805
90	9	21	26.938	2240	63 9.70N	65 17.49E	63 37N	65 32E	625586	25074	194 53	27 43	ND	ND	ND	

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	9	21	29.173	2235	63	0.81N	65	12.29E	63	28N	65	26E	625381	25074	194	49	27	52	ND		ND		ND		2.811
92	9	21	31.412	2240	62	51.90N	65	7.12E	63	19N	65	21E	625176	25075	194	46	28	1	ND		ND		ND		2.805
93	9	21	33.647	2235	62	43.01N	65	2.01E	63	10N	65	16E	624972	25075	194	42	28	10	ND		ND		ND		2.811
94	9	21	35.888	2240	62	34.09N	64	56.94E	63	1N	65	10E	624767	25076	194	39	28	18	ND		ND		ND		2.805
95	9	21	38.122	2235	62	25.19N	64	51.92E	62	52N	65	5E	624564	25076	194	35	28	27	ND		ND		ND		2.811
96	9	21	40.357	2235	62	16.29N	64	46.95E	62	43N	65	0E	624362	25077	194	32	28	36	ND		ND		ND		2.811
97	9	21	42.593	2235	62	7.39N	64	42.02E	62	34N	64	55E	624159	25077	194	28	28	45	ND		ND		ND		2.811
98	9	21	44.827	2235	61	58.48N	64	37.13E	62	25N	64	50E	623957	25078	194	25	28	54	ND		ND		ND		2.811
99	9	21	47.067	2240	61	49.55N	64	32.28E	62	16N	64	45E	623756	25078	194	22	29	3	ND		ND		ND		2.805
100	9	21	49.298	2230	61	40.66N	64	27.48E	62	8N	64	40E	623556	25079	194	19	29	12	ND		ND		ND		2.818
101	9	21	51.533	2236	61	31.74N	64	22.72E	61	59N	64	35E	623355	25079	194	15	29	20	ND		ND		ND		2.810
102	9	21	53.769	2235	61	22.82N	64	17.99E	61	50N	64	30E	623156	25080	194	12	29	29	ND		ND		ND		2.811
103	9	21	56.002	2234	61	13.91N	64	13.31E	61	41N	64	26E	622956	25080	194	9	29	38	ND		ND		ND		2.813
104	9	21	58.233	2231	61	5.00N	64	8.67E	61	32N	64	21E	622758	25081	194	6	29	47	ND		ND		ND		2.816
105	9	22	0.468	2234	60	56.08N	64	4.06E	61	23N	64	16E	622559	25081	194	3	29	56	ND		ND		ND		2.813
106	9	22	2.702	2235	60	47.16N	63	59.49E	61	14N	64	11E	622362	25082	194	0	30	5	ND		ND		ND		2.811
107	9	22	4.933	2230	60	38.25N	63	54.97E	61	5N	64	7E	622166	25082	193	57	30	14	ND		ND		ND		2.818
108	9	22	7.163	2231	60	29.34N	63	50.48E	60	56N	64	2E	621969	25083	193	54	30	22	ND		ND		ND		2.816
109	9	22	9.397	2234	60	20.41N	63	46.02E	60	47N	63	58E	621773	25083	193	51	30	31	ND		ND		ND		2.813
110	9	22	11.627	2230	60	11.49N	63	41.60E	60	38N	63	53E	621579	25083	193	48	30	40	ND		ND		ND		2.818
111	9	22	13.857	2230	60	2.57N	63	37.22E	60	29N	63	49E	621384	25084	193	45	30	49	ND		ND		ND		2.818
112	9	22	16.087	2230	59	53.66N	63	32.87E	60	21N	63	44E	621189	25084	193	43	30	58	ND		ND		ND		2.818
113	9	22	18.313	2226	59	44.75N	63	28.56E	60	12N	63	40E	620996	25085	193	40	31	7	ND		ND		ND		2.823
114	9	22	20.548	2234	59	35.81N	63	24.27E	60	3N	63	35E	620803	25085	193	37	31	15	ND		ND		ND		2.813
115	9	22	22.777	2230	59	26.88N	63	20.03E	59	54N	63	31E	620611	25086	193	34	31	24	ND		ND		ND		2.818
116	9	22	25.002	2225	59	17.98N	63	15.82E	59	45N	63	27E	620419	25086	193	32	31	33	ND		ND		ND		2.824
117	9	22	27.232	2230	59	9.04N	63	11.63E	59	36N	63	22E	620228	25087	193	29	31	42	ND		ND		ND		2.818
118	9	22	29.462	2230	59	0.11N	63	7.48E	59	27N	63	18E	620038	25087	193	26	31	51	ND		ND		ND		2.818
119	9	22	31.688	2225	58	51.20N	63	3.37E	59	18N	63	14E	619848	25088	193	24	31	59	ND		ND		ND		2.824
120	9	22	33.917	2230	58	42.26N	62	59.27E	59	9N	63	10E	619658	25088	193	21	32	8	ND		ND		ND		2.818
121	9	22	36.143	2225	58	33.34N	62	55.22E	59	0N	63	6E	619470	25089	193	19	32	17	ND		ND		ND		2.824
122	9	22	38.372	2230	58	24.41N	62	51.19E	58	51N	63	2E	619282	25089	193	16	32	26	ND		ND		ND		2.818
123	9	22	40.598	2225	58	15.48N	62	47.19E	58	42N	62	57E	619095	25089	193	14	32	35	ND		ND		ND		2.824
124	9	22	42.823	2226	58	6.56N	62	43.23E	58	33N	62	53E	618908	25090	193	12	32	44	ND		ND		ND		2.823
125	9	22	45.053	2229	57	57.61N	62	39.28E	58	24N	62	49E	618721	25090	193	9	32	52	ND		ND		ND		2.819
126	9	22	47.282	2230	57	48.67N	62	35.36E	58	15N	62	45E	618535	25091	193	7	33	1	ND		ND		ND		2.818
127	9	22	49.513	2230	57	39.72N	62	31.47E	58	7N	62	41E	618350	25091	193	4	33	10	ND		ND		ND		2.818
128	9	22	51.737	2225	57	30.79N	62	27.61E	57	58N	62	37E	618165	25092	193	2	33	19	ND		ND		ND		2.824
129	9	22	53.958	2221	57	21.87N	62	23.79E	57	49N	62	34E	617982	25092	193	0	33	28	ND		ND		ND		2.829
130	9	22	56.188	2229	57	12.92N	62	19.98E	57	40N	62	30E	617799	25093	192	58	33	36	ND		ND		ND		2.819
131	9	22	58.417	2230	57	3.97N	62	16.20E	57	31N	62	26E	617616	25093	192	55	33	45	ND		ND		ND		2.818
132	9	23	0.638	2220	56	55.05N	62	12.46E	57	22N	62	22E	617435	25093	192	53	33	54	ND		ND		ND		2.830
133	9	23	2.862	2225	56	46.11N	62	8.73E	57	13N	62	18E	617253	25094	192	51	34	3	ND		ND		ND		2.824
134	9	23	5.087	2225	56	37.17N	62	5.03E	57	4N	62	14E	617072	25094	192	49	34	12	ND		ND		ND		2.824
135	9	23	7.313	2225	56	28.23N	62	1.35E	56	55N	62	11E	616893	25095	192	47	34	20	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	9	23	9.537	2225	56	19.28N	61	57.70E	56	46N	62	7E	616714	25095	192	44	34	29	ND		ND		ND		2.824
137	9	23	11.763	2225	56	10.34N	61	54.07E	56	37N	62	3E	616535	25096	192	42	34	38	ND		ND		ND		2.824
138	9	23	13.982	2220	56	1.41N	61	50.48E	56	28N	62	0E	616357	25096	192	40	34	47	ND		ND		ND		2.830
139	9	23	16.207	2225	55	52.46N	61	46.90E	56	19N	61	56E	616180	25096	192	38	34	56	ND		ND		ND		2.824
140	9	23	18.428	2220	55	43.53N	61	43.35E	56	10N	61	52E	616004	25097	192	36	35	4	ND		ND		ND		2.830
141	9	23	20.652	2225	55	34.58N	61	39.81E	56	1N	61	49E	615828	25097	192	34	35	13	ND		ND		ND		2.824
142	9	23	22.872	2220	55	25.65N	61	36.31E	55	52N	61	45E	615653	25098	192	32	35	22	ND		ND		ND		2.830
143	9	23	25.098	2225	55	16.69N	61	32.82E	55	43N	61	42E	615479	25098	192	30	35	31	ND		ND		ND		2.824
144	9	23	27.317	2220	55	7.75N	61	29.36E	55	34N	61	38E	615305	25099	192	28	35	39	ND		ND		ND		2.830
145	9	23	29.543	2226	54	58.79N	61	25.91E	55	26N	61	34E	615132	25099	192	26	35	48	ND		ND		ND		2.823
146	9	23	31.768	2224	54	49.83N	61	22.48E	55	17N	61	31E	614960	25099	192	25	35	57	ND		ND		ND		2.825
147	9	23	33.988	2221	54	40.89N	61	19.08E	55	8N	61	28E	614788	25100	192	23	36	6	ND		ND		ND		2.829
148	9	23	36.212	2224	54	31.93N	61	15.70E	54	59N	61	24E	614617	25100	192	21	36	15	ND		ND		ND		2.825
149	9	23	38.433	2220	54	22.99N	61	12.35E	54	50N	61	21E	614446	25101	192	19	36	23	ND		ND		ND		2.830
150	9	23	40.657	2225	54	14.02N	61	9.00E	54	41N	61	17E	614277	25101	192	17	36	32	ND		ND		ND		2.824
151	9	23	42.877	2220	54	5.08N	61	5.69E	54	32N	61	14E	614108	25101	192	15	36	41	ND		ND		ND		2.830
152	9	23	45.099	2221	53	56.12N	61	2.39E	54	23N	61	11E	613940	25102	192	14	36	50	ND		ND		ND		2.829
153	9	23	47.322	2224	53	47.16N	60	59.11E	54	14N	61	7E	613772	25102	192	12	36	58	ND		ND		ND		2.825
154	9	23	49.548	2225	53	38.19N	60	55.84E	54	5N	61	4E	613605	25103	192	10	37	7	ND		ND		ND		2.824
155	9	23	51.768	2220	53	29.24N	60	52.60E	53	56N	61	1E	613440	25103	192	8	37	16	ND		ND		ND		2.830
156	9	23	53.987	2220	53	20.28N	60	49.38E	53	47N	60	57E	613275	25103	192	7	37	25	ND		ND		ND		2.830
157	9	23	56.207	2220	53	11.33N	60	46.18E	53	38N	60	54E	613110	25104	192	5	37	33	ND		ND		ND		2.830
158	9	23	58.428	2220	53	2.37N	60	43.00E	53	29N	60	51E	612947	25104	192	3	37	42	ND		ND		ND		2.830
159	9	24	0.647	2220	52	53.42N	60	39.83E	53	20N	60	48E	612783	25105	192	2	37	51	ND		ND		ND		2.830
160	9	24	2.867	2220	52	44.46N	60	36.69E	53	11N	60	44E	612621	25105	192	0	38	0	ND		ND		ND		2.830
161	9	24	5.087	2220	52	35.50N	60	33.56E	53	2N	60	41E	612460	25105	191	59	38	8	ND		ND		ND		2.830
162	9	24	7.308	2220	52	26.54N	60	30.44E	52	53N	60	38E	612299	25106	191	57	38	17	ND		ND		ND		2.830
163	9	24	9.527	2220	52	17.58N	60	27.35E	52	44N	60	35E	612140	25106	191	55	38	26	ND		ND		ND		2.830
164	9	24	11.743	2216	52	8.63N	60	24.28E	52	35N	60	32E	611981	25107	191	54	38	35	ND		ND		ND		2.835
165	9	24	13.962	2219	51	59.67N	60	21.22E	52	26N	60	29E	611822	25107	191	52	38	43	ND		ND		ND		2.832
166	9	24	16.183	2220	51	50.70N	60	18.17E	52	17N	60	26E	611665	25107	191	51	38	52	ND		ND		ND		2.830
167	9	24	18.402	2220	51	41.74N	60	15.14E	52	8N	60	22E	611508	25108	191	49	39	1	ND		ND		ND		2.830
168	9	24	20.622	2220	51	32.77N	60	12.13E	51	59N	60	19E	611352	25108	191	48	39	10	ND		ND		ND		2.830
169	9	24	22.843	2220	51	23.80N	60	9.13E	51	50N	60	16E	611197	25108	191	46	39	18	ND		ND		ND		2.830
170	9	24	25.059	2216	51	14.84N	60	6.16E	51	41N	60	13E	611043	25109	191	45	39	27	ND		ND		ND		2.835
171	9	24	27.277	2219	51	5.88N	60	3.20E	51	32N	60	10E	610889	25109	191	43	39	36	ND		ND		ND		2.832
172	9	24	29.497	2220	50	56.91N	60	0.25E	51	24N	60	7E	610736	25110	191	42	39	45	ND		ND		ND		2.830
173	9	24	31.718	2220	50	47.93N	59	57.31E	51	15N	60	4E	610584	25110	191	41	39	53	ND		ND		ND		2.830
174	9	24	33.934	2216	50	38.97N	59	54.40E	51	6N	60	1E	610433	25110	191	39	40	2	ND		ND		ND		2.835
175	9	24	36.152	2219	50	30.00N	59	51.50E	50	57N	59	58E	610283	25111	191	38	40	11	ND		ND		ND		2.832
176	9	24	38.372	2220	50	21.02N	59	48.61E	50	48N	59	55E	610133	25111	191	36	40	19	ND		ND		ND		2.830
177	9	24	40.587	2215	50	12.07N	59	45.74E	50	39N	59	53E	609985	25111	191	35	40	28	ND		ND		ND		2.837
178	9	24	42.813	2225	50	3.07N	59	42.87E	50	30N	59	50E	609837	25112	191	34	40	37	ND		ND		ND		2.824
179	9	24	45.028	2216	49	54.10N	59	40.03E	50	21N	59	47E	609690	25112	191	32	40	46	ND		ND		ND		2.835
180	9	24	47.247	2219	49	45.13N	59	37.20E	50	12N	59	44E	609544	25112	191	31	40	54	ND		ND		ND		2.832

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
181	9	24	49.468	2220	49	36.14N	59	34.38E	50	3N	59	41E	609398	25113	191	30	41	3	ND		ND		ND		2.830
182	9	24	51.688	2220	49	27.16N	59	31.58E	49	54N	59	38E	609253	25113	191	28	41	12	ND		ND		ND		2.830
183	9	24	53.902	2215	49	18.19N	59	28.79E	49	45N	59	35E	609110	25114	191	27	41	21	ND		ND		ND		2.837
184	9	24	56.117	2215	49	9.23N	59	26.02E	49	36N	59	33E	608967	25114	191	26	41	29	ND		ND		ND		2.837
185	9	24	58.332	2215	49	0.26N	59	23.27E	49	27N	59	30E	608826	25114	191	25	41	38	ND		ND		ND		2.837
186	9	25	0.553	2220	48	51.27N	59	20.51E	49	18N	59	27E	608684	25115	191	23	41	47	ND		ND		ND		2.830
187	9	25	2.772	2220	48	42.28N	59	17.78E	49	9N	59	24E	608543	25115	191	22	41	55	ND		ND		ND		2.830
188	9	25	4.987	2215	48	33.32N	59	15.06E	49	0N	59	21E	608405	25115	191	21	42	4	ND		ND		ND		2.837
189	9	25	7.202	2215	48	24.35N	59	12.35E	48	51N	59	19E	608266	25116	191	20	42	13	ND		ND		ND		2.837
190	9	25	9.423	2220	48	15.35N	59	9.65E	48	42N	59	16E	608128	25116	191	19	42	21	ND		ND		ND		2.830
191	9	25	11.638	2215	48	6.38N	59	6.97E	48	33N	59	13E	607991	25116	191	17	42	30	ND		ND		ND		2.837
192	9	25	13.853	2215	47	57.41N	59	4.30E	48	24N	59	11E	607856	25117	191	16	42	39	ND		ND		ND		2.837
193	9	25	16.067	2215	47	48.43N	59	1.65E	48	15N	59	8E	607721	25117	191	15	42	47	ND		ND		ND		2.837
194	9	25	18.287	2220	47	39.44N	58	59.00E	48	6N	59	5E	607586	25117	191	14	42	56	ND		ND		ND		2.830
195	9	25	20.508	2220	47	30.44N	58	56.36E	47	57N	59	2E	607453	25118	191	13	43	5	ND		ND		ND		2.830
196	9	25	22.723	2215	47	21.46N	58	53.74E	47	48N	59	0E	607321	25118	191	12	43	14	ND		ND		ND		2.837
197	9	25	24.942	2220	47	12.47N	58	51.12E	47	39N	58	57E	607190	25118	191	11	43	22	ND		ND		ND		2.830
198	9	25	27.162	2220	47	3.47N	58	48.52E	47	30N	58	55E	607059	25119	191	10	43	31	ND		ND		ND		2.830
199	9	25	29.377	2215	46	54.49N	58	45.93E	47	21N	58	52E	606929	25119	191	9	43	40	ND		ND		ND		2.837
200	9	25	31.593	2215	46	45.51N	58	43.36E	47	12N	58	49E	606801	25119	191	7	43	48	ND		ND		ND		2.837
201	9	25	33.804	2211	46	36.54N	58	40.80E	47	3N	58	47E	606673	25119	191	6	43	57	ND		ND		ND		2.842
202	9	25	36.027	2224	46	27.52N	58	38.23E	46	54N	58	44E	606546	25120	191	5	44	6	ND		ND		ND		2.825
203	9	25	38.242	2215	46	18.54N	58	35.69E	46	45N	58	42E	606420	25120	191	4	44	14	ND		ND		ND		2.837
204	9	25	40.457	2215	46	9.56N	58	33.16E	46	36N	58	39E	606295	25120	191	3	44	23	ND		ND		ND		2.837
205	9	25	42.673	2215	46	0.57N	58	30.64E	46	27N	58	36E	606171	25121	191	2	44	32	ND		ND		ND		2.837
206	9	25	44.888	2215	45	51.58N	58	28.13E	46	18N	58	34E	606048	25121	191	1	44	40	ND		ND		ND		2.837
207	9	25	47.107	2220	45	42.58N	58	25.62E	46	9N	58	31E	605926	25121	191	0	44	49	ND		ND		ND		2.830
208	9	25	49.322	2215	45	33.59N	58	23.13E	46	0N	58	29E	605805	25122	190	59	44	58	ND		ND		ND		2.837
209	9	25	51.537	2215	45	24.60N	58	20.66E	45	51N	58	26E	605684	25122	190	58	45	6	ND		ND		ND		2.837
210	9	25	53.758	2220	45	15.59N	58	18.18E	45	42N	58	24E	605565	25122	190	57	45	15	ND		ND		ND		2.830
211	9	25	55.973	2215	45	6.60N	58	15.72E	45	33N	58	21E	605447	25122	190	56	45	24	ND		ND		ND		2.837
212	9	25	58.188	2215	44	57.61N	58	13.27E	45	24N	58	19E	605329	25123	190	55	45	32	ND		ND		ND		2.837
213	9	26	0.402	2215	44	48.62N	58	10.83E	45	15N	58	16E	605213	25123	190	54	45	41	ND		ND		ND		2.837
214	9	26	2.622	2220	44	39.61N	58	8.40E	45	6N	58	14E	605098	25123	190	54	45	50	ND		ND		ND		2.830
215	9	26	4.837	2215	44	30.61N	58	5.98E	44	57N	58	11E	604983	25124	190	53	45	58	ND		ND		ND		2.837
216	9	26	7.058	2220	44	21.60N	58	3.56E	44	48N	58	9E	604869	25124	190	52	46	7	ND		ND		ND		2.830
217	9	26	9.272	2215	44	12.60N	58	1.16E	44	39N	58	7E	604756	25124	190	51	46	16	ND		ND		ND		2.837
218	9	26	11.487	2215	44	3.61N	57	58.77E	44	30N	58	4E	604645	25124	190	50	46	24	ND		ND		ND		2.837
219	9	26	13.707	2220	43	54.59N	57	56.38E	44	21N	58	2E	604534	25125	190	49	46	33	ND		ND		ND		2.830
220	9	26	15.923	2215	43	45.59N	57	54.01E	44	12N	57	59E	604425	25125	190	48	46	42	ND		ND		ND		2.837
221	9	26	18.138	2215	43	36.59N	57	51.64E	44	3N	57	57E	604316	25125	190	47	46	50	ND		ND		ND		2.837
222	9	26	20.353	2215	43	27.59N	57	49.29E	43	54N	57	55E	604208	25126	190	46	46	59	ND		ND		ND		2.837
223	9	26	22.567	2215	43	18.59N	57	46.94E	43	45N	57	52E	604102	25126	190	46	47	7	ND		ND		ND		2.837
224	9	26	24.787	2220	43	9.57N	57	44.60E	43	36N	57	50E	603997	25126	190	45	47	16	ND		ND		ND		2.830
225	9	26	26.998	2211	43	0.59N	57	42.28E	43	27N	57	47E	603892	25126	190	44	47	25	ND		ND		ND		2.842

Approved for Release 2001/08/03 : CIA-RDP78B05703A000300140003-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
226	9	26	29.223	2224	42	51.55N	57	39.95E	43	18N	57	45E	603788	25127	190	43	47	33	ND		ND		ND		2.825
227	9	26	31.438	2215	42	42.55N	57	37.63E	43	9N	57	43E	603686	25127	190	42	47	42	ND		ND		ND		2.837
228	9	26	33.652	2215	42	33.54N	57	35.33E	43	0N	57	40E	603584	25127	190	41	47	51	ND		ND		ND		2.837
229	9	26	35.867	2215	42	24.54N	57	33.04E	42	51N	57	38E	603484	25127	190	41	47	59	ND		ND		ND		2.837
230	9	26	38.082	2215	42	15.54N	57	30.75E	42	42N	57	36E	603385	25128	190	40	48	8	ND		ND		ND		2.837
231	9	26	40.298	2215	42	6.53N	57	28.47E	42	33N	57	34E	603286	25128	190	39	48	16	ND		ND		ND		2.837
232	9	26	42.513	2215	41	57.52N	57	26.20E	42	24N	57	31E	603189	25128	190	38	48	25	ND		ND		ND		2.837
233	9	26	44.728	2215	41	48.52N	57	23.94E	42	15N	57	29E	603092	25128	190	38	48	34	ND		ND		ND		2.837
234	9	26	46.947	2220	41	39.49N	57	21.68E	42	6N	57	27E	602997	25129	190	37	48	42	ND		ND		ND		2.830
235	9	26	49.162	2215	41	30.48N	57	19.43E	41	57N	57	24E	602903	25129	190	36	48	51	ND		ND		ND		2.837
236	9	26	51.377	2215	41	21.47N	57	17.19E	41	48N	57	22E	602810	25129	190	35	48	59	ND		ND		ND		2.837
237	9	26	53.593	2215	41	12.46N	57	14.96E	41	39N	57	20E	602718	25129	190	34	49	8	ND		ND		ND		2.837
238	9	26	55.808	2215	41	3.45N	57	12.74E	41	30N	57	18E	602627	25129	190	34	49	17	ND		ND		ND		2.837
239	9	26	58.022	2215	40	54.44N	57	10.52E	41	21N	57	15E	602538	25130	190	33	49	25	ND		ND		ND		2.837
240	9	27	0.232	2210	40	45.45N	57	8.32E	41	12N	57	13E	602448	25130	190	32	49	34	ND		ND		ND		2.843
241	9	27	2.452	2220	40	36.42N	57	6.11E	41	3N	57	11E	602360	25130	190	32	49	42	ND		ND		ND		2.830
242	9	27	4.667	2215	40	27.40N	57	3.92E	40	54N	57	9E	602274	25130	190	31	49	51	ND		ND		ND		2.837
243	9	27	6.883	2215	40	18.39N	57	1.73E	40	45N	57	6E	602188	25131	190	30	49	59	ND		ND		ND		2.837
244	9	27	9.098	2215	40	9.37N	56	59.55E	40	36N	57	4E	602103	25131	190	30	50	8	ND		ND		ND		2.837
245	9	27	11.313	2215	40	0.36N	56	57.38E	40	27N	57	2E	602020	25131	190	29	50	17	ND		ND		ND		2.837
246	9	27	13.527	2215	39	51.34N	56	55.22E	40	18N	57	0E	601938	25131	190	28	50	25	ND		ND		ND		2.837
247	9	27	15.742	2215	39	42.33N	56	53.06E	40	9N	56	58E	601857	25131	190	27	50	34	ND		ND		ND		2.837
248	9	27	17.952	2210	39	33.33N	56	50.91E	40	0N	56	56E	601777	25132	190	27	50	42	ND		ND		ND		2.843
249	9	27	20.167	2215	39	24.31N	56	48.77E	39	51N	56	53E	601698	25132	190	26	50	51	ND		ND		ND		2.837
250	9	27	22.384	2216	39	15.29N	56	46.63E	39	42N	56	51E	601620	25132	190	25	50	59	ND		ND		ND		2.835
251	9	27	24.599	2215	39	6.27N	56	44.50E	39	33N	56	49E	601543	25132	190	25	51	8	ND		ND		ND		2.837
252	9	27	26.813	2214	38	57.26N	56	42.37E	39	24N	56	47E	601467	25132	190	24	51	16	ND		ND		ND		2.838
253	9	27	29.023	2211	38	48.25N	56	40.26E	39	15N	56	45E	601393	25133	190	24	51	25	ND		ND		ND		2.842
254	9	27	31.237	2214	38	39.24N	56	38.15E	39	6N	56	43E	601319	25133	190	23	51	33	ND		ND		ND		2.838
255	9	27	33.452	2215	38	30.22N	56	36.05E	38	57N	56	41E	601247	25133	190	22	51	42	ND		ND		ND		2.837
256	9	27	35.663	2211	38	21.21N	56	33.95E	38	48N	56	38E	601176	25133	190	22	51	51	ND		ND		ND		2.842
257	9	27	37.877	2214	38	12.19N	56	31.86E	38	38N	56	36E	601106	25133	190	21	51	59	ND		ND		ND		2.838
258	9	27	40.093	2215	38	3.17N	56	29.77E	38	29N	56	34E	601037	25133	190	21	52	8	ND		ND		ND		2.837
259	9	27	42.308	2215	37	54.14N	56	27.70E	38	20N	56	32E	600969	25134	190	20	52	16	ND		ND		ND		2.837
260	9	27	44.522	2215	37	45.12N	56	25.62E	38	11N	56	30E	600903	25134	190	19	52	25	ND		ND		ND		2.837
261	9	27	46.737	2215	37	36.10N	56	23.56E	38	2N	56	28E	600837	25134	190	19	52	33	ND		ND		ND		2.837
262	9	27	48.948	2211	37	27.09N	56	21.50E	37	53N	56	26E	600773	25134	190	18	52	42	ND		ND		ND		2.842
263	9	27	51.162	2214	37	18.07N	56	19.45E	37	44N	56	24E	600710	25134	190	18	52	50	ND		ND		ND		2.838
264	9	27	53.377	2215	37	9.04N	56	17.40E	37	35N	56	22E	600648	25134	190	17	52	59	ND		ND		ND		2.837
265	9	27	55.589	2211	37	0.03N	56	15.36E	37	26N	56	20E	600587	25135	190	16	53	7	ND		ND		ND		2.842
266	9	27	57.808	2219	36	50.98N	56	13.32E	37	17N	56	18E	600527	25135	190	16	53	16	ND		ND		ND		2.832

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	10	46	31.719	0	77	40.67N	60	43.17E	78	6N	61	48E	647708	25022	209	52	12	42	ND	ND	ND	1.899
2	10	46	35.027	3309	77	28.89N	60	12.01E	77	54N	61	15E	647365	25022	209	23	12	55	ND	ND	ND	1.899
3	10	46	37.688	2660	77	19.37N	59	47.62E	77	45N	60	49E	647091	25023	209	1	13	6	ND	ND	ND	2.362
4	10	46	40.178	2490	77	10.42N	59	25.32E	77	36N	60	25E	646833	25024	208	40	13	16	ND	ND	ND	2.523
5	10	46	42.598	2420	77	1.71N	59	4.12E	77	27N	60	3E	646584	25024	208	21	13	26	ND	ND	ND	2.596
6	10	46	44.978	2380	76	53.11N	58	43.71E	77	18N	59	41E	646338	25025	208	2	13	35	ND	ND	ND	2.640
7	10	46	47.343	2365	76	44.54N	58	23.84E	77	10N	59	20E	646093	25025	207	44	13	44	ND	ND	ND	2.657
8	10	46	49.697	2355	76	35.98N	58	4.46E	77	1N	58	59E	645851	25026	207	26	13	54	ND	ND	ND	2.668
9	10	46	52.042	2345	76	27.44N	57	45.55E	76	53N	58	39E	645609	25026	207	9	14	3	ND	ND	ND	2.679
10	10	46	54.388	2345	76	18.87N	57	27.00E	76	44N	58	20E	645367	25027	206	52	14	12	ND	ND	ND	2.679
11	10	46	56.723	2335	76	10.32N	57	8.90E	76	36N	58	1E	645127	25028	206	35	14	22	ND	ND	ND	2.691
12	10	46	59.058	2335	76	1.75N	56	51.15E	76	27N	57	42E	644886	25028	206	19	14	31	ND	ND	ND	2.691
13	10	47	1.393	2335	75	53.16N	56	33.74E	76	19N	57	23E	644646	25029	206	4	14	40	ND	ND	ND	2.691
14	10	47	3.719	2326	75	44.58N	56	16.73E	76	10N	57	5E	644407	25029	205	48	14	49	ND	ND	ND	2.701
15	10	47	6.048	2329	75	35.97N	56	0.01E	76	2N	56	48E	644168	25030	205	33	14	59	ND	ND	ND	2.698
16	10	47	8.372	2325	75	27.36N	55	43.64E	75	53N	56	30E	643930	25030	205	18	15	8	ND	ND	ND	2.702
17	10	47	10.697	2325	75	18.73N	55	27.57E	75	45N	56	13E	643691	25031	205	4	15	17	ND	ND	ND	2.702
18	10	47	13.018	2320	75	10.10N	55	11.82E	75	36N	55	57E	643454	25032	204	50	15	26	ND	ND	ND	2.708
19	10	47	15.337	2320	75	1.46N	54	56.36E	75	27N	55	40E	643216	25032	204	36	15	36	ND	ND	ND	2.708
20	10	47	17.652	2315	74	52.82N	54	41.21E	75	19N	55	24E	642979	25033	204	23	15	45	ND	ND	ND	2.714
21	10	47	19.968	2315	74	44.16N	54	26.32E	75	10N	55	9E	642742	25033	204	9	15	54	ND	ND	ND	2.714
22	10	47	22.287	2320	74	35.48N	54	11.67E	75	2N	54	53E	642505	25034	203	56	16	3	ND	ND	ND	2.708
23	10	47	24.598	2310	74	26.81N	53	57.33E	74	53N	54	38E	642269	25034	203	44	16	12	ND	ND	ND	2.720
24	10	47	26.908	2311	74	18.12N	53	43.23E	74	44N	54	23E	642034	25035	203	31	16	22	ND	ND	ND	2.719
25	10	47	29.218	2309	74	9.43N	53	29.39E	74	36N	54	9E	641798	25035	203	19	16	31	ND	ND	ND	2.721
26	10	47	31.527	2310	74	0.72N	53	15.77E	74	27N	53	54E	641563	25036	203	7	16	40	ND	ND	ND	2.720
27	10	47	33.832	2305	73	52.02N	53	2.42E	74	18N	53	40E	641328	25036	202	55	16	49	ND	ND	ND	2.726
28	10	47	36.138	2305	73	43.30N	52	49.28E	74	10N	53	27E	641094	25037	202	44	16	58	ND	ND	ND	2.726
29	10	47	38.442	2305	73	34.57N	52	36.36E	74	1N	53	13E	640860	25038	202	32	17	7	ND	ND	ND	2.726
30	10	47	40.742	2300	73	25.85N	52	23.67E	73	52N	53	0E	640626	25038	202	21	17	17	ND	ND	ND	2.732
31	10	47	43.043	2301	73	17.12N	52	11.19E	73	44N	52	47E	640393	25039	202	11	17	26	ND	ND	ND	2.731
32	10	47	45.348	2304	73	8.35N	51	58.89E	73	35N	52	34E	640159	25039	202	0	17	35	ND	ND	ND	2.727
33	10	47	47.647	2300	72	59.60N	51	46.80E	73	26N	52	21E	639927	25040	201	49	17	44	ND	ND	ND	2.732
34	10	47	49.947	2300	72	50.83N	51	34.91E	73	17N	52	9E	639695	25040	201	39	17	53	ND	ND	ND	2.732
35	10	47	52.242	2295	72	42.07N	51	23.23E	73	9N	51	56E	639462	25041	201	29	18	2	ND	ND	ND	2.738
36	10	47	54.537	2295	72	33.31N	51	11.72E	73	0N	51	44E	639231	25041	201	19	18	11	ND	ND	ND	2.738
37	10	47	56.837	2300	72	24.51N	51	0.37E	72	51N	51	32E	638999	25042	201	9	18	21	ND	ND	ND	2.732
38	10	47	59.127	2290	72	15.74N	50	49.24E	72	42N	51	21E	638768	25043	201	0	18	30	ND	ND	ND	2.744
39	10	48	1.423	2295	72	6.94N	50	38.25E	72	33N	51	9E	638537	25043	200	51	18	39	ND	ND	ND	2.738
40	10	48	3.712	2290	71	58.15N	50	27.45E	72	25N	50	58E	638307	25044	200	41	18	48	ND	ND	ND	2.744
41	10	48	5.998	2286	71	49.37N	50	16.82E	72	16N	50	47E	638077	25044	200	32	18	57	ND	ND	ND	2.749
42	10	48	8.287	2289	71	40.57N	50	6.34E	72	7N	50	36E	637848	25045	200	24	19	6	ND	ND	ND	2.745
43	10	48	10.572	2285	71	31.77N	49	56.03E	71	58N	50	25E	637619	25045	200	15	19	15	ND	ND	ND	2.750
44	10	48	12.858	2286	71	22.96N	49	45.86E	71	50N	50	14E	637390	25046	200	6	19	24	ND	ND	ND	2.749
45	10	48	15.143	2284	71	14.15N	49	35.84E	71	41N	50	4E	637161	25046	199	58	19	33	ND	ND	ND	2.751

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	10	48	17.424	2281	71	5.35N	49	25.98E	71	32N	49	54E	636934	25047	199	50	19	42	ND		ND		ND		2.755
47	10	48	19.707	2284	70	56.52N	49	16.24E	71	23N	49	44E	636706	25047	199	41	19	51	ND		ND		ND		2.751
48	10	48	21.987	2280	70	47.71N	49	6.65E	71	14N	49	34E	636479	25048	199	34	20	0	ND		ND		ND		2.756
49	10	48	24.268	2280	70	38.88N	48	57.20E	71	6N	49	24E	636252	25048	199	26	20	9	ND		ND		ND		2.756
50	10	48	26.548	2280	70	30.05N	48	47.87E	70	57N	49	14E	636025	25049	199	18	20	19	ND		ND		ND		2.756
51	10	48	28.827	2280	70	21.21N	48	38.68E	70	48N	49	4E	635799	25050	199	10	20	28	ND		ND		ND		2.756
52	10	48	31.103	2275	70	12.38N	48	29.62E	70	39N	48	55E	635573	25050	199	3	20	37	ND		ND		ND		2.762
53	10	48	33.383	2280	70	3.53N	48	20.66E	70	30N	48	46E	635348	25051	198	56	20	46	ND		ND		ND		2.756
54	10	50	59.748	46366	60	25.30N	41	35.46E	60	52N	41	47E	621643	25083	193	53	30	26	ND		ND		ND		0.043
55	10	51	2.893	3144	60	12.73N	41	29.21E	60	40N	41	41E	621369	25084	193	49	30	39	ND		ND		ND		1.998
56	10	51	5.458	2566	60	2.47N	41	24.17E	60	29N	41	36E	621147	25084	193	46	30	49	ND		ND		ND		2.449
57	10	51	7.817	2359	59	53.03N	41	19.57E	60	20N	41	31E	620943	25085	193	43	30	58	ND		ND		ND		2.663
58	10	51	10.122	2305	59	43.81N	41	15.11E	60	11N	41	26E	620745	25085	193	40	31	7	ND		ND		ND		2.726
59	10	51	12.397	2275	59	34.70N	41	10.74E	60	2N	41	22E	620549	25086	193	37	31	16	ND		ND		ND		2.762
60	10	51	14.652	2255	59	25.68N	41	6.45E	59	53N	41	17E	620356	25086	193	34	31	25	ND		ND		ND		2.786
61	10	51	16.907	2255	59	16.65N	41	2.19E	59	43N	41	13E	620164	25087	193	31	31	34	ND		ND		ND		2.786
62	10	51	19.152	2245	59	7.66N	40	57.98E	59	34N	41	9E	619974	25087	193	29	31	43	ND		ND		ND		2.799
63	10	51	21.393	2240	58	58.69N	40	53.81E	59	26N	41	5E	619783	25088	193	26	31	52	ND		ND		ND		2.805
64	10	51	23.633	2240	58	49.71N	40	49.68E	59	17N	41	0E	619593	25088	193	24	32	1	ND		ND		ND		2.805
65	10	51	25.872	2240	58	40.74N	40	45.57E	59	8N	40	56E	619405	25088	193	21	32	10	ND		ND		ND		2.805
66	10	51	28.112	2240	58	31.76N	40	41.49E	58	59N	40	52E	619217	25089	193	19	32	19	ND		ND		ND		2.805
67	10	51	30.343	2230	58	22.82N	40	37.47E	58	50N	40	48E	619030	25089	193	16	32	28	ND		ND		ND		2.818
68	10	51	32.582	2240	58	13.84N	40	33.45E	58	41N	40	44E	618843	25090	193	14	32	36	ND		ND		ND		2.805
69	10	51	34.817	2235	58	4.87N	40	29.47E	58	32N	40	40E	618657	25090	193	11	32	45	ND		ND		ND		2.811
70	10	51	37.053	2235	57	55.91N	40	25.52E	58	23N	40	36E	618472	25091	193	9	32	54	ND		ND		ND		2.811
71	10	51	39.282	2230	57	46.96N	40	21.60E	58	14N	40	32E	618287	25091	193	6	33	3	ND		ND		ND		2.818
72	10	51	41.518	2235	57	37.99N	40	17.71E	58	5N	40	28E	618103	25092	193	4	33	12	ND		ND		ND		2.811
73	10	51	43.747	2230	57	29.04N	40	13.85E	57	56N	40	24E	617920	25092	193	2	33	21	ND		ND		ND		2.818
74	10	51	45.978	2230	57	20.09N	40	10.01E	57	47N	40	20E	617738	25092	192	59	33	29	ND		ND		ND		2.818
75	10	51	48.207	2230	57	11.13N	40	6.21E	57	38N	40	16E	617555	25093	192	57	33	38	ND		ND		ND		2.818
76	10	51	50.442	2235	57	2.15N	40	2.42E	57	29N	40	12E	617374	25093	192	55	33	47	ND		ND		ND		2.811
77	10	51	52.673	2230	56	53.19N	39	58.66E	57	20N	40	8E	617193	25094	192	53	33	56	ND		ND		ND		2.818
78	10	51	54.902	2230	56	44.24N	39	54.94E	57	11N	40	4E	617013	25094	192	51	34	5	ND		ND		ND		2.818
79	10	51	57.133	2230	56	35.27N	39	51.23E	57	2N	40	1E	616834	25095	192	48	34	13	ND		ND		ND		2.818
80	10	51	59.362	2230	56	26.31N	39	47.55E	56	53N	39	57E	616655	25095	192	46	34	22	ND		ND		ND		2.818
81	10	52	1.593	2230	56	17.35N	39	43.90E	56	44N	39	53E	616477	25095	192	44	34	31	ND		ND		ND		2.818
82	10	52	3.817	2225	56	8.40N	39	40.27E	56	35N	39	49E	616300	25096	192	42	34	40	ND		ND		ND		2.824
83	10	52	6.048	2230	55	59.43N	39	36.66E	56	26N	39	46E	616123	25096	192	40	34	49	ND		ND		ND		2.818
84	10	52	8.272	2225	55	50.48N	39	33.09E	56	17N	39	42E	615947	25097	192	38	34	58	ND		ND		ND		2.824
85	10	52	10.502	2230	55	41.52N	39	29.53E	56	8N	39	38E	615772	25097	192	36	35	6	ND		ND		ND		2.818
86	10	52	12.728	2225	55	32.56N	39	26.00E	55	59N	39	35E	615597	25098	192	34	35	15	ND		ND		ND		2.824
87	10	52	14.952	2225	55	23.61N	39	22.49E	55	50N	39	31E	615424	25098	192	32	35	24	ND		ND		ND		2.824
88	10	52	17.179	2226	55	14.65N	39	19.00E	55	41N	39	28E	615251	25098	192	30	35	33	ND		ND		ND		2.823
89	10	52	19.407	2229	55	5.68N	39	15.53E	55	32N	39	24E	615078	25099	192	28	35	42	ND		ND		ND		2.819
90	10	52	21.633	2225	54	56.72N	39	12.09E	55	23N	39	21E	614906	25099	192	26	35	50	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	10	52	23.857	2225	54 47.76N	39 8.66E	55 14N	39 17E	614735	25100	192 24	35 59	ND	ND	ND	2.824
92	10	52	26.082	2225	54 38.80N	39 5.26E	55 5N	39 14E	614565	25100	192 22	36 8	ND	ND	ND	2.824
93	10	52	28.308	2225	54 29.83N	39 1.88E	54 57N	39 10E	614395	25100	192 21	36 17	ND	ND	ND	2.824
94	10	52	30.532	2225	54 20.87N	38 58.53E	54 48N	39 7E	614226	25101	192 19	36 25	ND	ND	ND	2.824
95	10	52	32.758	2225	54 11.90N	38 55.18E	54 39N	39 3E	614058	25101	192 17	36 34	ND	ND	ND	2.824
96	10	52	34.982	2225	54 2.94N	38 51.87E	54 30N	39 0E	613891	25102	192 15	36 43	ND	ND	ND	2.824
97	10	52	37.207	2225	53 53.97N	38 48.57E	54 21N	38 57E	613724	25102	192 13	36 52	ND	ND	ND	2.824
98	10	52	39.433	2225	53 45.00N	38 45.29E	54 12N	38 53E	613558	25103	192 12	37 1	ND	ND	ND	2.824
99	10	52	41.652	2220	53 36.05N	38 42.03E	54 3N	38 50E	613393	25103	192 10	37 9	ND	ND	ND	2.830
100	10	52	43.877	2225	53 27.08N	38 38.79E	53 54N	38 47E	613228	25103	192 8	37 18	ND	ND	ND	2.824
101	10	52	46.103	2225	53 18.10N	38 35.57E	53 45N	38 43E	613064	25104	192 6	37 27	ND	ND	ND	2.824
102	10	52	48.327	2225	53 9.13N	38 32.36E	53 36N	38 40E	612901	25104	192 5	37 36	ND	ND	ND	2.824
103	10	52	50.553	2225	53 0.15N	38 29.18E	53 27N	38 37E	612739	25104	192 3	37 44	ND	ND	ND	2.824
104	10	52	52.777	2225	52 51.17N	38 26.01E	53 18N	38 34E	612577	25105	192 2	37 53	ND	ND	ND	2.824
105	10	52	54.998	2221	52 42.21N	38 22.86E	53 9N	38 31E	612416	25105	192 0	38 2	ND	ND	ND	2.829
106	10	52	57.224	2225	52 33.23N	38 19.73E	53 0N	38 27E	612256	25106	191 58	38 11	ND	ND	ND	2.824
107	10	52	59.443	2220	52 24.27N	38 16.62E	52 51N	38 24E	612097	25106	191 57	38 19	ND	ND	ND	2.830
108	10	53	1.667	2224	52 15.29N	38 13.53E	52 42N	38 21E	611939	25106	191 55	38 28	ND	ND	ND	2.825
109	10	53	3.888	2220	52 6.33N	38 10.45E	52 33N	38 18E	611781	25107	191 54	38 37	ND	ND	ND	2.830
110	10	53	6.112	2225	51 57.34N	38 7.39E	52 24N	38 15E	611624	25107	191 52	38 46	ND	ND	ND	2.824
111	10	53	8.332	2220	51 48.38N	38 4.35E	52 15N	38 12E	611468	25108	191 51	38 54	ND	ND	ND	2.830
112	11	4	14.594	66261	6 30.16N	28 19.89E	6 57N	28 23E	616028	25101	189 29	76 47	ND	ND	ND	0.009
113	11	4	17.747	3154	6 17.25N	28 17.73E	6 44N	28 21E	616348	25100	189 29	76 51	ND	ND	ND	1.992
114	11	4	20.292	2545	6 6.83N	28 15.99E	6 34N	28 19E	616608	25099	189 29	76 54	ND	ND	ND	2.469
115	11	4	22.667	2375	5 57.11N	28 14.37E	6 24N	28 17E	616853	25099	189 29	76 57	ND	ND	ND	2.646
116	11	4	24.978	2310	5 47.65N	28 12.79E	6 15N	28 16E	617093	25098	189 29	77 0	ND	ND	ND	2.720
117	11	4	27.252	2275	5 38.34N	28 11.24E	6 5N	28 14E	617330	25098	189 29	77 2	ND	ND	ND	2.762
118	11	4	29.513	2260	5 29.08N	28 9.69E	5 56N	28 13E	617568	25097	189 29	77 4	ND	ND	ND	2.780
119	11	4	31.768	2255	5 19.85N	28 8.16E	5 47N	28 11E	617806	25097	189 29	77 7	ND	ND	ND	2.786
120	11	4	34.022	2255	5 10.62N	28 6.62E	5 38N	28 9E	618046	25096	189 29	77 9	ND	ND	ND	2.786
121	11	4	36.268	2245	5 1.43N	28 5.09E	5 29N	28 8E	618287	25096	189 29	77 11	ND	ND	ND	2.799
122	11	4	38.518	2250	4 52.22N	28 3.55E	5 19N	28 6E	618529	25095	189 29	77 13	ND	ND	ND	2.793
123	11	4	40.763	2245	4 43.03N	28 2.02E	5 10N	28 5E	618773	25094	189 29	77 15	ND	ND	ND	2.799
124	11	4	43.008	2245	4 33.84N	28 0.49E	5 1N	28 3E	619018	25094	189 29	77 16	ND	ND	ND	2.799
125	11	4	45.252	2245	4 24.66N	27 58.96E	4 52N	28 2E	619264	25093	189 29	77 18	ND	ND	ND	2.799
126	11	4	47.492	2240	4 15.49N	27 57.44E	4 43N	28 0E	619512	25093	189 29	77 19	ND	ND	ND	2.805
127	11	4	49.737	2245	4 6.30N	27 55.91E	4 33N	27 59E	619761	25092	189 29	77 21	ND	ND	ND	2.799
128	11	4	51.982	2245	3 57.11N	27 54.38E	4 24N	27 57E	620013	25092	189 29	77 22	ND	ND	ND	2.799
129	11	4	54.223	2240	3 47.94N	27 52.85E	4 15N	27 56E	620265	25091	189 29	77 23	ND	ND	ND	2.805
130	11	4	56.468	2245	3 38.75N	27 51.33E	4 6N	27 54E	620519	25090	189 29	77 24	ND	ND	ND	2.799
131	11	4	58.707	2240	3 29.59N	27 49.80E	3 57N	27 53E	620774	25090	189 29	77 25	ND	ND	ND	2.805
132	11	5	0.947	2240	3 20.42N	27 48.28E	3 48N	27 51E	621031	25089	189 29	77 26	ND	ND	ND	2.805
133	11	5	3.188	2241	3 11.24N	27 46.76E	3 38N	27 50E	621289	25089	189 29	77 27	ND	ND	ND	2.804
134	11	5	5.433	2244	3 2.06N	27 45.23E	3 29N	27 48E	621548	25088	189 29	77 28	ND	ND	ND	2.800
135	11	5	7.673	2240	2 52.89N	27 43.71E	3 20N	27 47E	621810	25087	189 29	77 28	ND	ND	ND	2.805

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
136	11	5	9.917	2245	2 43.71N	27 42.18E	3 11N	27 45E	622073	25087	189 29	77 29	ND	ND	ND	2.799
137	11	5	12.158	2241	2 34.54N	27 40.66E	3 2N	27 44E	622337	25086	189 29	77 29	ND	ND	ND	2.804
138	11	5	14.398	2240	2 25.37N	27 39.14E	2 53N	27 42E	622602	25086	189 29	77 29	ND	ND	ND	2.805
139	11	5	16.643	2244	2 16.18N	27 37.61E	2 43N	27 40E	622870	25085	189 29	77 29	ND	ND	ND	2.800
140	11	5	18.888	2245	2 7.00N	27 36.09E	2 34N	27 39E	623139	25084	189 29	77 29	ND	ND	ND	2.799
141	11	5	21.128	2241	1 57.83N	27 34.57E	2 25N	27 37E	623409	25084	189 29	77 29	ND	ND	ND	2.804
142	11	5	23.372	2244	1 48.65N	27 33.04E	2 16N	27 36E	623681	25083	189 29	77 29	ND	ND	ND	2.800
143	11	5	25.617	2245	1 39.46N	27 31.52E	2 7N	27 34E	623955	25083	189 29	77 28	ND	ND	ND	2.799
144	11	5	27.867	2250	1 30.25N	27 29.99E	1 58N	27 33E	624230	25082	189 29	77 28	ND	ND	ND	2.793
145	11	5	30.112	2245	1 21.07N	27 28.47E	1 48N	27 31E	624506	25081	189 29	77 27	ND	ND	ND	2.799
146	11	5	32.357	2245	1 11.88N	27 26.94E	1 39N	27 30E	624784	25081	189 29	77 27	ND	ND	ND	2.799
147	11	5	34.603	2245	1 2.70N	27 25.42E	1 30N	27 28E	625064	25080	189 29	77 26	ND	ND	ND	2.799
148	11	5	36.848	2245	0 53.51N	27 23.90E	1 21N	27 27E	625345	25079	189 29	77 25	ND	ND	ND	2.799

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FRM	Z TIME			DTIM	CAMERA NADIR				FORMAT CENTER				ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	LAT		LONG		LAT		LONG		FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	12	20	51.167	0	56	24.61N	17	33.84E	56	51N	17	43E	616466	25095	192	46	34	24	ND	ND	ND	2.007
2	12	20	54.299	3131	56	12.01N	17	28.72E	56	39N	17	38E	616217	25096	192	43	34	36	ND	ND	ND	2.007
3	12	20	56.827	2529	56	1.85N	17	24.62E	56	29N	17	34E	616018	25096	192	41	34	46	ND	ND	ND	2.484
4	12	20	59.192	2365	55	52.33N	17	20.81E	56	19N	17	30E	615833	25097	192	38	34	56	ND	ND	ND	2.657
5	12	21	1.487	2295	55	43.10N	17	17.14E	56	10N	17	26E	615653	25097	192	36	35	5	ND	ND	ND	2.738
6	12	21	3.752	2265	55	33.99N	17	13.55E	56	1N	17	22E	615476	25098	192	34	35	14	ND	ND	ND	2.774
7	12	21	6.002	2250	55	24.94N	17	9.99E	55	52N	17	19E	615301	25098	192	32	35	23	ND	ND	ND	2.793
8	12	21	8.252	2250	55	15.88N	17	6.47E	55	43N	17	15E	615127	25098	192	30	35	32	ND	ND	ND	2.793
9	12	21	10.497	2245	55	6.84N	17	2.97E	55	34N	17	12E	614954	25099	192	28	35	40	ND	ND	ND	2.799
10	12	21	12.737	2240	54	57.82N	16	59.50E	55	25N	17	8E	614782	25099	192	27	35	49	ND	ND	ND	2.805
11	12	21	14.974	2236	54	48.82N	16	56.05E	55	16N	17	5E	614611	25100	192	25	35	58	ND	ND	ND	2.810
12	12	21	17.212	2239	54	39.80N	16	52.63E	55	6N	17	1E	614441	25100	192	23	36	7	ND	ND	ND	2.806
13	12	21	19.447	2235	54	30.80N	16	49.23E	54	57N	16	58E	614271	25101	192	21	36	16	ND	ND	ND	2.811
14	12	21	21.683	2235	54	21.79N	16	45.85E	54	48N	16	54E	614102	25101	192	19	36	25	ND	ND	ND	2.811
15	12	21	23.912	2230	54	12.81N	16	42.51E	54	39N	16	51E	613935	25101	192	17	36	33	ND	ND	ND	2.818
16	12	21	26.147	2235	54	3.80N	16	39.17E	54	30N	16	47E	613768	25102	192	15	36	42	ND	ND	ND	2.811
17	12	21	28.383	2235	53	54.79N	16	35.85E	54	21N	16	44E	613601	25102	192	14	36	51	ND	ND	ND	2.811
18	12	21	30.612	2230	53	45.80N	16	32.56E	54	12N	16	41E	613435	25103	192	12	37	0	ND	ND	ND	2.818
19	12	21	32.843	2230	53	36.81N	16	29.29E	54	3N	16	37E	613271	25103	192	10	37	9	ND	ND	ND	2.818
20	12	21	35.073	2231	53	27.82N	16	26.04E	53	54N	16	34E	613107	25103	192	8	37	17	ND	ND	ND	2.816
21	12	21	37.308	2234	53	18.81N	16	22.80E	53	45N	16	31E	612943	25104	192	7	37	26	ND	ND	ND	2.813
22	12	21	39.537	2230	53	9.81N	16	19.59E	53	36N	16	27E	612781	25104	192	5	37	35	ND	ND	ND	2.818
23	12	21	41.768	2230	53	0.81N	16	16.39E	53	27N	16	24E	612618	25105	192	3	37	44	ND	ND	ND	2.818
24	12	21	43.992	2225	52	51.84N	16	13.22E	53	18N	16	21E	612458	25105	192	2	37	53	ND	ND	ND	2.824
25	12	21	46.223	2230	52	42.84N	16	10.06E	53	9N	16	18E	612297	25105	192	0	38	1	ND	ND	ND	2.818
26	12	21	48.452	2230	52	33.84N	16	6.92E	53	0N	16	15E	612138	25106	191	59	38	10	ND	ND	ND	2.818
27	12	21	50.678	2225	52	24.86N	16	3.80E	52	51N	16	11E	611979	25106	191	57	38	19	ND	ND	ND	2.824
28	12	21	52.907	2230	52	15.85N	16	0.70E	52	42N	16	8E	611821	25106	191	55	38	28	ND	ND	ND	2.818
29	12	21	55.133	2225	52	6.87N	15	57.61E	52	33N	16	5E	611665	25107	191	54	38	36	ND	ND	ND	2.824
30	12	21	57.362	2230	51	57.87N	15	54.54E	52	24N	16	2E	611508	25107	191	52	38	45	ND	ND	ND	2.818
31	12	21	59.587	2225	51	48.88N	15	51.49E	52	15N	15	59E	611352	25108	191	51	38	54	ND	ND	ND	2.824
32	12	22	1.813	2226	51	39.89N	15	48.46E	52	6N	15	56E	611197	25108	191	49	39	3	ND	ND	ND	2.823
33	12	22	4.042	2229	51	30.88N	15	45.44E	51	57N	15	53E	611043	25108	191	48	39	12	ND	ND	ND	2.819
34	12	22	6.268	2225	51	21.89N	15	42.43E	51	48N	15	50E	610890	25109	191	46	39	20	ND	ND	ND	2.824
35	12	22	8.492	2225	51	12.90N	15	39.45E	51	39N	15	47E	610738	25109	191	45	39	29	ND	ND	ND	2.824
36	12	22	10.723	2230	51	3.89N	15	36.47E	51	30N	15	44E	610586	25109	191	43	39	38	ND	ND	ND	2.818
37	12	22	12.942	2220	50	54.92N	15	33.53E	51	22N	15	41E	610435	25110	191	42	39	47	ND	ND	ND	2.830
38	12	22	15.167	2225	50	45.92N	15	30.59E	51	13N	15	38E	610285	25110	191	40	39	55	ND	ND	ND	2.824
39	12	22	17.393	2225	50	36.93N	15	27.67E	51	3N	15	35E	610136	25111	191	39	40	4	ND	ND	ND	2.824
40	12	22	19.622	2230	50	27.91N	15	24.75E	50	54N	15	32E	609988	25111	191	38	40	13	ND	ND	ND	2.818
41	12	22	21.848	2225	50	18.91N	15	21.86E	50	45N	15	29E	609840	25111	191	36	40	22	ND	ND	ND	2.824
42	12	22	24.067	2220	50	9.93N	15	18.99E	50	36N	15	26E	609694	25112	191	35	40	30	ND	ND	ND	2.830
43	12	22	26.292	2225	50	0.94N	15	16.12E	50	27N	15	23E	609548	25112	191	34	40	39	ND	ND	ND	2.824
44	12	22	28.518	2225	49	51.93N	15	13.27E	50	18N	15	20E	609403	25112	191	32	40	48	ND	ND	ND	2.824
45	12	22	30.742	2225	49	42.93N	15	10.44E	50	9N	15	17E	609259	25113	191	31	40	57	ND	ND	ND	2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	12	22	32.968	2225	49	33.93N	15	7.61E	50	ØN	15	14E	609115	25113	191	30	41	5	ND		ND		ND		2.824
47	12	22	35.188	2220	49	24.94N	15	4.81E	49	51N	15	11E	608973	25113	191	28	41	14	ND		ND		ND		2.830
48	12	22	37.413	2226	49	15.94N	15	2.02E	49	42N	15	9E	608831	25114	191	27	41	23	ND		ND		ND		2.823
49	12	22	39.638	2224	49	6.93N	14	59.24E	49	33N	15	6E	608691	25114	191	26	41	32	ND		ND		ND		2.825
50	12	22	41.862	2225	48	57.93N	14	56.47E	49	24N	15	3E	608550	25114	191	25	41	40	ND		ND		ND		2.824
51	12	22	44.083	2221	48	48.94N	14	53.72E	49	15N	15	ØE	608412	25115	191	23	41	49	ND		ND		ND		2.829
52	12	22	46.309	2225	48	39.92N	14	50.98E	49	6N	14	57E	608273	25115	191	22	41	58	ND		ND		ND		2.824
53	12	22	48.532	2224	48	30.92N	14	48.25E	48	57N	14	55E	608135	25115	191	21	42	6	ND		ND		ND		2.825
54	12	22	50.752	2220	48	21.93N	14	45.54E	48	48N	14	52E	607999	25116	191	20	42	15	ND		ND		ND		2.830
55	12	22	52.978	2225	48	12.92N	14	42.84E	48	39N	14	49E	607864	25116	191	19	42	24	ND		ND		ND		2.824
56	12	22	55.197	2220	48	3.92N	14	40.15E	48	30N	14	46E	607729	25116	191	17	42	33	ND		ND		ND		2.830
57	12	22	57.422	2225	47	54.91N	14	37.48E	48	21N	14	44E	607596	25117	191	16	42	41	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT. DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG MI	DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	18	24	4.047	0	24 38.14N	79 34.52W	25 4N	79 31W	599375	25137	189 45	64 24	ND	ND	ND	2.026
2	18	24	7.148	3101	24 25.46N	79 36.90W	24 52N	79 34W	599448	25137	189 45	64 35	ND	ND	ND	2.026
3	18	24	9.647	2499	24 15.24N	79 38.81W	24 41N	79 35W	599509	25137	189 44	64 44	ND	ND	ND	2.514
4	18	24	11.982	2335	24 5.68N	79 40.60W	24 32N	79 37W	599568	25137	189 44	64 53	ND	ND	ND	2.691
5	18	24	14.257	2275	23 56.38N	79 42.34W	24 23N	79 39W	599626	25136	189 44	65 1	ND	ND	ND	2.762
6	18	24	16.507	2250	23 47.18N	79 44.05W	24 13N	79 41W	599686	25136	189 44	65 8	ND	ND	ND	2.793
7	18	24	18.752	2245	23 37.99N	79 45.76W	24 4N	79 42W	599747	25136	189 43	65 16	ND	ND	ND	2.799
8	18	24	20.992	2240	23 28.83N	79 47.46W	23 55N	79 44W	599809	25136	189 43	65 24	ND	ND	ND	2.805
9	18	24	23.228	2235	23 19.68N	79 49.16W	23 46N	79 46W	599872	25136	189 43	65 32	ND	ND	ND	2.811
10	18	24	25.462	2235	23 10.54N	79 50.85W	23 37N	79 48W	599937	25136	189 43	65 40	ND	ND	ND	2.811
11	18	24	27.697	2235	23 1.40N	79 52.55W	23 28N	79 49W	600003	25136	189 42	65 48	ND	ND	ND	2.811
12	18	24	29.928	2230	22 52.27N	79 54.23W	23 19N	79 51W	600070	25136	189 42	65 56	ND	ND	ND	2.818
13	18	24	32.162	2235	22 43.13N	79 55.92W	23 9N	79 53W	600139	25135	189 42	66 3	ND	ND	ND	2.811
14	18	24	34.393	2230	22 34.00N	79 57.60W	23 0N	79 54W	600210	25135	189 42	66 11	ND	ND	ND	2.818
15	18	24	36.622	2230	22 24.88N	79 59.27W	22 51N	79 56W	600282	25135	189 42	66 19	ND	ND	ND	2.818
16	18	24	38.853	2230	22 15.75N	80 0.95W	22 42N	79 58W	600354	25135	189 41	66 27	ND	ND	ND	2.818
17	18	24	41.082	2230	22 6.63N	80 2.62W	22 33N	79 59W	600429	25135	189 41	66 34	ND	ND	ND	2.818
18	18	24	43.308	2225	21 57.52N	80 4.29W	22 24N	80 1W	600505	25135	189 41	66 42	ND	ND	ND	2.824
19	18	24	45.538	2231	21 48.40N	80 5.96W	22 15N	80 3W	600583	25134	189 41	66 50	ND	ND	ND	2.816
20	18	24	47.768	2229	21 39.27N	80 7.62W	22 6N	80 4W	600661	25134	189 41	66 57	ND	ND	ND	2.819
21	18	24	49.997	2230	21 30.15N	80 9.28W	21 56N	80 6W	600742	25134	189 40	67 5	ND	ND	ND	2.818
22	18	24	52.223	2225	21 21.04N	80 10.94W	21 47N	80 8W	600824	25134	189 40	67 13	ND	ND	ND	2.824
23	18	24	54.452	2230	21 11.92N	80 12.60W	21 38N	80 9W	600907	25134	189 40	67 20	ND	ND	ND	2.818
24	18	24	56.678	2225	21 2.81N	80 14.25W	21 29N	80 11W	600992	25134	189 40	67 28	ND	ND	ND	2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	19	46	25.095	0	51 4.40N	95 28.35W	51 31N	95 21W	609057	25112	191 43	39 38	ND	ND	ND	2.021
2	19	46	28.203	3109	50 51.84N	95 32.47W	51 18N	95 25W	608856	25112	191 41	39 50	ND	ND	ND	2.021
3	19	46	30.697	2494	50 41.75N	95 35.76W	51 8N	95 29W	608695	25112	191 39	40 0	ND	ND	ND	2.519
4	19	46	33.042	2345	50 32.27N	95 38.83W	50 59N	95 32W	608545	25113	191 38	40 9	ND	ND	ND	2.679
5	19	46	35.327	2285	50 23.03N	95 41.81W	50 50N	95 35W	608399	25113	191 37	40 18	ND	ND	ND	2.750
6	19	46	37.583	2256	50 13.91N	95 44.73W	50 40N	95 38W	608257	25114	191 35	40 27	ND	ND	ND	2.785
7	19	46	39.832	2249	50 4.81N	95 47.63W	50 31N	95 41W	608114	25114	191 34	40 36	ND	ND	ND	2.794
8	19	46	42.077	2245	49 55.73N	95 50.51W	50 22N	95 44W	607975	25114	191 33	40 45	ND	ND	ND	2.799
9	19	46	44.317	2240	49 46.66N	95 53.37W	50 13N	95 47W	607835	25115	191 31	40 53	ND	ND	ND	2.805
10	19	46	46.553	2235	49 37.62N	95 56.21W	50 4N	95 50W	607697	25115	191 30	41 2	ND	ND	ND	2.811
11	19	46	48.787	2235	49 28.58N	95 59.04W	49 55N	95 52W	607559	25115	191 29	41 11	ND	ND	ND	2.811
12	19	46	51.022	2235	49 19.53N	96 1.85W	49 46N	95 55W	607423	25116	191 27	41 20	ND	ND	ND	2.811
13	19	46	53.257	2235	49 10.49N	96 4.64W	49 37N	95 58W	607287	25116	191 26	41 29	ND	ND	ND	2.811
14	19	46	55.487	2230	49 1.46N	96 7.42W	49 28N	96 1W	607152	25116	191 25	41 37	ND	ND	ND	2.818
15	19	46	57.719	2231	48 52.42N	96 10.19W	49 19N	96 4W	607019	25117	191 24	41 46	ND	ND	ND	2.816
16	19	46	59.952	2234	48 43.38N	96 12.94W	49 10N	96 7W	606886	25117	191 22	41 55	ND	ND	ND	2.813
17	19	47	2.183	2230	48 34.34N	96 15.68W	49 1N	96 9W	606754	25117	191 21	42 4	ND	ND	ND	2.818
18	19	47	4.407	2225	48 25.33N	96 18.40W	48 52N	96 12W	606623	25118	191 20	42 12	ND	ND	ND	2.824
19	19	47	6.643	2235	48 16.28N	96 21.12W	48 43N	96 15W	606492	25118	191 19	42 21	ND	ND	ND	2.811
20	19	47	8.867	2225	48 7.27N	96 23.82W	48 34N	96 18W	606364	25118	191 17	42 30	ND	ND	ND	2.824
21	19	47	11.098	2230	47 58.23N	96 26.50W	48 25N	96 20W	606235	25118	191 16	42 39	ND	ND	ND	2.818
22	19	47	13.322	2225	47 49.22N	96 29.17W	48 16N	96 23W	606108	25119	191 15	42 47	ND	ND	ND	2.824
23	19	47	15.548	2226	47 40.20N	96 31.83W	48 7N	96 26W	605981	25119	191 14	42 56	ND	ND	ND	2.823
24	19	47	17.777	2229	47 31.16N	96 34.48W	47 58N	96 28W	605856	25119	191 13	43 5	ND	ND	ND	2.819

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	21	18	36.273	0	37	29.39N	121	21.80W	37	56N	121	17W	599526	25135	190	18	52	40	ND	ND	ND	2.051
2	21	18	39.337	3064	37	16.91N	121	24.64W	37	43N	121	20W	599449	25135	190	17	52	52	ND	ND	ND	2.051
3	21	18	41.827	2490	37	6.76N	121	26.94W	37	33N	121	23W	599389	25135	190	17	53	2	ND	ND	ND	2.523
4	21	18	44.157	2330	36	57.27N	121	29.09W	37	23N	121	25W	599335	25135	190	16	53	10	ND	ND	ND	2.697
5	21	18	46.433	2275	36	47.99N	121	31.18W	37	14N	121	27W	599281	25136	190	16	53	19	ND	ND	ND	2.762
6	21	18	48.683	2250	36	38.82N	121	33.24W	37	5N	121	29W	599231	25136	190	15	53	28	ND	ND	ND	2.793
7	21	18	50.928	2245	36	29.67N	121	35.29W	36	56N	121	31W	599181	25136	190	15	53	36	ND	ND	ND	2.799
8	21	18	53.167	2240	36	20.54N	121	37.33W	36	47N	121	33W	599133	25136	190	14	53	45	ND	ND	ND	2.805
9	21	18	55.402	2235	36	11.43N	121	39.36W	36	38N	121	35W	599086	25136	190	13	53	53	ND	ND	ND	2.811
10	21	18	57.638	2235	36	2.31N	121	41.39W	36	29N	121	37W	599040	25136	190	13	54	2	ND	ND	ND	2.811
11	21	18	59.867	2230	35	53.22N	121	43.40W	36	19N	121	39W	598996	25136	190	12	54	11	ND	ND	ND	2.818
12	21	19	2.099	2231	35	44.12N	121	45.41W	36	10N	121	41W	598954	25136	190	12	54	19	ND	ND	ND	2.816
13	21	19	4.327	2229	35	35.04N	121	47.42W	36	1N	121	43W	598911	25137	190	11	54	28	ND	ND	ND	2.819
14	21	19	6.558	2230	35	25.94N	121	49.41W	35	52N	121	45W	598870	25137	190	11	54	36	ND	ND	ND	2.818
15	21	19	8.787	2230	35	16.85N	121	51.41W	35	43N	121	47W	598830	25137	190	10	54	45	ND	ND	ND	2.818
16	21	19	11.013	2225	35	7.77N	121	53.39W	35	34N	121	49W	598793	25137	190	10	54	53	ND	ND	ND	2.824
17	21	19	13.242	2230	34	58.68N	121	55.37W	35	25N	121	51W	598755	25137	190	9	55	2	ND	ND	ND	2.818
18	21	19	15.467	2225	34	49.60N	121	57.34W	35	16N	121	53W	598719	25137	190	9	55	10	ND	ND	ND	2.824
19	21	19	17.692	2225	34	40.53N	121	59.31W	35	7N	121	55W	598684	25137	190	8	55	19	ND	ND	ND	2.824
20	21	19	19.917	2225	34	31.45N	122	1.27W	34	58N	121	57W	598651	25137	190	8	55	27	ND	ND	ND	2.824
21	21	19	22.143	2225	34	22.37N	122	3.23W	34	49N	121	59W	598619	25137	190	7	55	35	ND	ND	ND	2.824
22	21	19	24.367	2225	34	13.30N	122	5.18W	34	39N	122	1W	598587	25137	190	7	55	44	ND	ND	ND	2.824
23	21	19	26.592	2225	34	4.22N	122	7.13W	34	30N	122	3W	598558	25138	190	7	55	52	ND	ND	ND	2.824
24	21	19	28.817	2225	33	55.14N	122	9.07W	34	21N	122	5W	598529	25138	190	6	56	1	ND	ND	ND	2.824

Approved For Release 2007/06/07 : CIA-RDP78T05439A000500014000

FRAME EPHEMERIS MISSION 1018-2

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	1	37	12.827	0	69	12.68N	174	36.98W	69	39N	174	14W	629130	25062	198	16	22	0	ND		ND		ND		2.005
2	1	37	15.962	3134	69	0.44N	174	48.25W	69	27N	174	26W	628841	25063	198	7	22	13	ND		ND		ND		2.005
3	1	37	18.496	2535	68	50.54N	174	57.22W	69	17N	174	35W	628608	25064	198	0	22	23	ND		ND		ND		2.479
4	1	37	20.861	2365	68	41.29N	175	5.47W	69	8N	174	44W	628390	25064	197	53	22	32	ND		ND		ND		2.657
5	1	37	23.161	2300	68	32.30N	175	13.40W	68	59N	174	52W	628179	25065	197	47	22	41	ND		ND		ND		2.732
6	1	37	25.427	2265	68	23.43N	175	21.12W	68	50N	175	0W	627972	25065	197	41	22	50	ND		ND		ND		2.774
7	1	37	27.687	2260	68	14.58N	175	28.72W	68	41N	175	8W	627765	25066	197	35	22	59	ND		ND		ND		2.780
8	1	37	29.932	2245	68	5.78N	175	36.19W	68	32N	175	16W	627561	25066	197	29	23	8	ND		ND		ND		2.799
9	1	37	32.177	2245	67	56.97N	175	43.57W	68	24N	175	23W	627356	25067	197	23	23	17	ND		ND		ND		2.799
10	1	37	34.422	2245	67	48.17N	175	50.86W	68	15N	175	31W	627152	25067	197	17	23	26	ND		ND		ND		2.799
11	1	37	36.657	2236	67	39.39N	175	58.04W	68	6N	175	38W	626949	25068	197	12	23	35	ND		ND		ND		2.810
12	1	37	38.896	2239	67	30.59N	176	5.15W	67	57N	175	46W	626746	25068	197	6	23	44	ND		ND		ND		2.806
13	1	37	41.132	2235	67	21.81N	176	12.17W	67	48N	175	53W	626544	25069	197	1	23	53	ND		ND		ND		2.811
14	1	37	43.366	2235	67	13.02N	176	19.10W	67	40N	176	0W	626342	25069	196	55	24	1	ND		ND		ND		2.811
15	1	37	45.602	2235	67	4.23N	176	25.96W	67	31N	176	7W	626140	25070	196	50	24	10	ND		ND		ND		2.811
16	1	37	47.837	2235	66	55.43N	176	32.75W	67	22N	176	14W	625939	25070	196	45	24	19	ND		ND		ND		2.811
17	1	37	50.067	2231	66	46.65N	176	39.45W	67	13N	176	21W	625738	25070	196	40	24	28	ND		ND		ND		2.816
18	1	37	52.302	2234	66	37.85N	176	46.08W	67	5N	176	28W	625538	25071	196	35	24	37	ND		ND		ND		2.813
19	1	37	54.531	2230	66	29.06N	176	52.63W	66	56N	176	35W	625339	25071	196	30	24	46	ND		ND		ND		2.818
20	1	37	56.767	2235	66	20.24N	176	59.13W	66	47N	176	41W	625138	25072	196	25	24	55	ND		ND		ND		2.811
21	1	37	58.991	2225	66	11.47N	177	5.53W	66	38N	176	48W	624940	25072	196	20	25	3	ND		ND		ND		2.824
22	1	38	1.222	2230	66	2.66N	177	11.87W	66	29N	176	55W	624742	25073	196	15	25	12	ND		ND		ND		2.818
23	1	38	3.451	2230	65	53.86N	177	18.15W	66	21N	177	1W	624543	25073	196	10	25	21	ND		ND		ND		2.818
24	1	38	5.682	2230	65	45.05N	177	24.37W	66	12N	177	7W	624345	25074	196	6	25	30	ND		ND		ND		2.818
25	1	38	7.911	2230	65	36.24N	177	30.52W	66	3N	177	14W	624148	25074	196	1	25	39	ND		ND		ND		2.818
26	1	38	10.137	2225	65	27.44N	177	36.60W	65	54N	177	20W	623952	25075	195	57	25	48	ND		ND		ND		2.824
27	1	38	12.362	2226	65	18.63N	177	42.61W	65	45N	177	26W	623755	25075	195	52	25	56	ND		ND		ND		2.823
28	1	38	14.592	2229	65	9.81N	177	48.58W	65	37N	177	32W	623559	25076	195	48	26	5	ND		ND		ND		2.819
29	1	38	16.816	2225	65	1.01N	177	54.47W	65	28N	177	38W	623364	25076	195	43	26	14	ND		ND		ND		2.824
30	1	38	19.041	2225	64	52.20N	178	0.30W	65	19N	177	44W	623170	25077	195	39	26	23	ND		ND		ND		2.824
31	1	38	21.267	2225	64	43.38N	178	6.08W	65	10N	177	50W	622975	25077	195	35	26	32	ND		ND		ND		2.824
32	1	38	23.491	2225	64	34.56N	178	11.80W	65	1N	177	56W	622781	25077	195	31	26	41	ND		ND		ND		2.824
33	1	38	25.717	2225	64	25.74N	178	17.47W	64	52N	178	2W	622587	25078	195	27	26	49	ND		ND		ND		2.824
34	1	38	27.941	2225	64	16.92N	178	23.08W	64	44N	178	8W	622393	25078	195	22	26	58	ND		ND		ND		2.824
35	1	38	30.166	2225	64	8.09N	178	28.64W	64	35N	178	14W	622201	25079	195	18	27	7	ND		ND		ND		2.824
36	1	38	32.392	2225	63	59.26N	178	34.15W	64	26N	178	19W	622008	25079	195	15	27	16	ND		ND		ND		2.824
37	1	38	34.616	2225	63	50.42N	178	39.60W	64	17N	178	25W	621816	25080	195	11	27	25	ND		ND		ND		2.824
38	1	38	36.838	2221	63	41.60N	178	45.00W	64	8N	178	30W	621625	25080	195	7	27	34	ND		ND		ND		2.829
39	1	38	39.062	2224	63	32.77N	178	50.35W	63	59N	178	36W	621434	25081	195	3	27	42	ND		ND		ND		2.825
40	1	38	41.286	2225	63	23.92N	178	55.66W	63	51N	178	41W	621243	25081	194	59	27	51	ND		ND		ND		2.824
41	1	38	43.507	2220	63	15.10N	179	0.90W	63	42N	178	47W	621053	25082	194	56	28	0	ND		ND		ND		2.830
42	1	38	45.731	2225	63	6.25N	179	6.11W	63	33N	178	52W	620864	25082	194	52	28	9	ND		ND		ND		2.824
43	1	38	47.951	2220	62	57.42N	179	11.26W	63	24N	178	58W	620675	25083	194	48	28	18	ND		ND		ND		2.830
44	1	38	50.177	2225	62	48.56N	179	16.38W	63	15N	179	3W	620486	25083	194	45	28	26	ND		ND		ND		2.824
45	1	38	52.396	2220	62	39.73N	179	21.44W	63	6N	179	8W	620298	25083	194	41	28	35	ND		ND		ND		2.830

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84870-65

FRAME EPHEMERIS MISSION 1018-2

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
46	1	38	54.616	2220	62	30.89N	179	26.45W	62	58N	179	13W	620111	25084	194	38	28	44	ND	ND	ND	2.830
47	1	38	56.837	2220	62	22.04N	179	31.42W	62	49N	179	18W	619923	25084	194	34	28	53	ND	ND	ND	2.830
48	1	38	59.057	2220	62	13.20N	179	36.35W	62	40N	179	23W	619737	25085	194	31	29	2	ND	ND	ND	2.830
49	1	39	1.276	2220	62	4.35N	179	41.24W	62	31N	179	28W	619551	25085	194	28	29	10	ND	ND	ND	2.830
50	1	39	3.496	2220	61	55.50N	179	46.08W	62	22N	179	33W	619365	25086	194	24	29	19	ND	ND	ND	2.830
51	1	39	5.717	2220	61	46.65N	179	50.89W	62	13N	179	38W	619180	25086	194	21	29	28	ND	ND	ND	2.830
52	1	39	7.937	2220	61	37.79N	179	55.65W	62	4N	179	43W	618996	25087	194	18	29	37	ND	ND	ND	2.830

FRAME EPHEMERIS MISSION 1018-2 ID 45 LIST DATE 06MAY65 PAGE 119

PASS 85D AFT 31MAR65

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	3	5	14.656	0	72 17.74N	166 30.56E	72 44N	167 2E	633190	25053	201 2	18 50	ND	ND	ND	2.011
2	3	5	17.781	3125	72 5.76N	166 15.57E	72 32N	166 46E	632895	25053	200 50	19 3	ND	ND	ND	2.011
3	3	5	20.302	2520	71 56.08N	166 3.71E	72 22N	166 34E	632658	25054	200 39	19 13	ND	ND	ND	2.493
4	3	5	22.651	2350	71 47.05N	165 52.83E	72 13N	166 22E	632438	25054	200 30	19 22	ND	ND	ND	2.674
5	3	5	24.941	2290	71 38.24N	165 42.37E	72 5N	166 12E	632223	25055	200 21	19 31	ND	ND	ND	2.744
6	3	5	27.201	2260	71 29.53N	165 32.21E	71 56N	166 1E	632011	25055	200 13	19 40	ND	ND	ND	2.780
7	3	5	29.451	2250	71 20.86N	165 22.23E	71 47N	165 51E	631801	25056	200 4	19 49	ND	ND	ND	2.793
8	3	5	31.696	2245	71 12.19N	165 12.41E	71 39N	165 40E	631592	25056	199 56	19 58	ND	ND	ND	2.799
9	3	5	33.937	2240	71 3.54N	165 2.74E	71 30N	165 30E	631383	25057	199 48	20 7	ND	ND	ND	2.805
10	3	5	36.177	2240	70 54.88N	164 53.21E	71 21N	165 20E	631174	25057	199 40	20 16	ND	ND	ND	2.805
11	3	5	38.412	2236	70 46.23N	164 43.83E	71 13N	165 10E	630966	25058	199 32	20 25	ND	ND	ND	2.810
12	3	5	40.647	2235	70 37.57N	164 34.58E	71 4N	165 1E	630758	25058	199 25	20 34	ND	ND	ND	2.811
13	3	5	42.882	2234	70 28.91N	164 25.45E	70 55N	164 51E	630551	25059	199 17	20 42	ND	ND	ND	2.813
14	3	5	45.116	2235	70 20.25N	164 16.45E	70 47N	164 42E	630344	25059	199 10	20 51	ND	ND	ND	2.811
15	3	5	47.347	2230	70 11.59N	164 7.57E	70 38N	164 33E	630138	25060	199 2	21 0	ND	ND	ND	2.818
16	3	5	49.581	2235	70 2.91N	163 58.80E	70 29N	164 24E	629931	25060	198 55	21 9	ND	ND	ND	2.811
17	3	5	51.812	2230	69 54.24N	163 50.16E	70 21N	164 15E	629725	25061	198 48	21 18	ND	ND	ND	2.818
18	3	5	54.037	2226	69 45.58N	163 41.64E	70 12N	164 6E	629520	25061	198 41	21 27	ND	ND	ND	2.823
19	3	5	56.267	2229	69 36.90N	163 33.22E	70 3N	163 57E	629315	25062	198 34	21 36	ND	ND	ND	2.819
20	3	5	58.496	2230	69 28.22N	163 24.90E	69 55N	163 48E	629110	25062	198 28	21 44	ND	ND	ND	2.818
21	3	6	0.722	2225	69 19.54N	163 16.71E	69 46N	163 40E	628905	25063	198 21	21 53	ND	ND	ND	2.824
22	3	6	2.946	2225	69 10.86N	163 8.61E	69 37N	163 31E	628702	25063	198 14	22 2	ND	ND	ND	2.824
23	3	6	5.177	2230	69 2.15N	163 0.60E	69 29N	163 23E	628498	25064	198 8	22 11	ND	ND	ND	2.818
24	3	6	7.401	2225	68 53.46N	162 52.70E	69 20N	163 15E	628294	25064	198 2	22 20	ND	ND	ND	2.824
25	3	6	9.627	2225	68 44.76N	162 44.90E	69 11N	163 7E	628091	25065	197 55	22 29	ND	ND	ND	2.824
26	3	6	11.848	2221	68 36.08N	162 37.20E	69 3N	162 59E	627889	25065	197 49	22 37	ND	ND	ND	2.829
27	3	6	14.076	2229	68 27.36N	162 29.57E	68 54N	162 51E	627686	25066	197 43	22 46	ND	ND	ND	2.819
28	3	6	16.302	2225	68 18.64N	162 22.04E	68 45N	162 43E	627484	25066	197 37	22 55	ND	ND	ND	2.824
29	3	6	18.521	2220	68 9.94N	162 14.62E	68 37N	162 35E	627283	25066	197 31	23 4	ND	ND	ND	2.830
30	3	6	20.746	2225	68 1.22N	162 7.27E	68 28N	162 28E	627081	25067	197 26	23 13	ND	ND	ND	2.824
31	3	6	22.972	2225	67 52.49N	161 60.00E	68 19N	162 20E	626880	25067	197 20	23 22	ND	ND	ND	2.824
32	3	6	25.196	2225	67 43.76N	161 52.81E	68 10N	162 13E	626679	25068	197 14	23 30	ND	ND	ND	2.824
33	3	6	27.416	2220	67 35.05N	161 45.73E	68 2N	162 5E	626479	25068	197 9	23 39	ND	ND	ND	2.830
34	3	6	29.637	2220	67 26.32N	161 38.72E	67 53N	161 58E	626279	25069	197 3	23 48	ND	ND	ND	2.830
35	3	6	31.861	2225	67 17.58N	161 31.77E	67 44N	161 51E	626080	25069	196 58	23 57	ND	ND	ND	2.824
36	3	6	34.082	2221	67 8.84N	161 24.92E	67 35N	161 44E	625881	25070	196 53	24 6	ND	ND	ND	2.829
37	3	6	36.307	2224	67 0.09N	161 18.12E	67 27N	161 37E	625682	25070	196 47	24 15	ND	ND	ND	2.825
38	3	6	38.526	2220	66 51.35N	161 11.42E	67 18N	161 30E	625484	25071	196 42	24 23	ND	ND	ND	2.830
39	3	6	40.746	2220	66 42.61N	161 4.79E	67 9N	161 23E	625286	25071	196 37	24 32	ND	ND	ND	2.830
40	3	6	42.972	2225	66 33.84N	160 58.21E	67 0N	161 16E	625088	25072	196 32	24 41	ND	ND	ND	2.824
41	3	6	45.188	2216	66 25.10N	160 51.74E	66 52N	161 10E	624891	25072	196 27	24 50	ND	ND	ND	2.835
42	3	6	47.406	2219	66 16.35N	160 45.32E	66 43N	161 3E	624695	25073	196 22	24 59	ND	ND	ND	2.832
43	3	6	49.632	2225	66 7.57N	160 38.95E	66 34N	160 56E	624498	25073	196 18	25 7	ND	ND	ND	2.824
44	3	6	51.852	2220	65 58.80N	160 32.66E	66 25N	160 50E	624301	25074	196 13	25 16	ND	ND	ND	2.830
45	3	6	54.071	2220	65 50.04N	160 26.44E	66 17N	160 43E	624106	25074	196 8	25 25	ND	ND	ND	2.830

FRAME EPHEMERIS MISSION 1018-2

PASS 85D AFT 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 120

FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	3	6	56.291	2220	65	41.26N	160	20.28E	66	8N	160	37E	623911	25074	196	4	25	34	ND		ND		ND		2.830
47	3	6	58.512	2220	65	32.49N	160	14.18E	65	59N	160	31E	623716	25075	195	59	25	43	ND		ND		ND		2.830
48	3	7	0.731	2220	65	23.71N	160	8.15E	65	50N	160	25E	623521	25075	195	55	25	51	ND		ND		ND		2.830
49	3	7	2.951	2220	65	14.93N	160	2.17E	65	42N	160	18E	623327	25076	195	50	26	0	ND		ND		ND		2.830
50	3	7	5.166	2215	65	6.16N	159	56.27E	65	33N	160	12E	623134	25076	195	46	26	9	ND		ND		ND		2.837
51	3	7	7.392	2225	64	57.35N	159	50.40E	65	24N	160	6E	622940	25077	195	41	26	18	ND		ND		ND		2.824
52	3	7	9.606	2215	64	48.58N	159	44.62E	65	15N	160	0E	622748	25077	195	37	26	27	ND		ND		ND		2.837
53	3	7	11.826	2220	64	39.78N	159	38.87E	65	6N	159	54E	622555	25078	195	33	26	35	ND		ND		ND		2.830
54	3	7	14.041	2215	64	31.00N	159	33.20E	64	58N	159	49E	622364	25078	195	29	26	44	ND		ND		ND		2.837
55	3	7	16.262	2220	64	22.20N	159	27.57E	64	49N	159	43E	622171	25079	195	25	26	53	ND		ND		ND		2.830
56	3	7	18.477	2215	64	13.41N	159	22.00E	64	40N	159	37E	621981	25079	195	21	27	2	ND		ND		ND		2.837
57	3	7	20.692	2216	64	4.62N	159	16.49E	64	31N	159	31E	621790	25080	195	17	27	11	ND		ND		ND		2.835
58	3	7	22.911	2219	63	55.81N	159	11.02E	64	22N	159	26E	621600	25080	195	13	27	19	ND		ND		ND		2.832
59	3	7	25.127	2215	63	47.01N	159	5.60E	64	14N	159	20E	621411	25080	195	9	27	28	ND		ND		ND		2.837
60	3	7	27.347	2220	63	38.19N	159	0.23E	64	5N	159	15E	621221	25081	195	5	27	37	ND		ND		ND		2.830
61	3	7	29.562	2215	63	29.39N	158	54.92E	63	56N	159	9E	621032	25081	195	2	27	46	ND		ND		ND		2.837
62	3	7	31.776	2215	63	20.59N	158	49.66E	63	47N	159	4E	620844	25082	194	58	27	55	ND		ND		ND		2.837
63	3	7	33.996	2220	63	11.76N	158	44.43E	63	38N	158	58E	620657	25082	194	54	28	3	ND		ND		ND		2.830
64	3	7	36.212	2215	63	2.95N	158	39.26E	63	30N	158	53E	620469	25083	194	50	28	12	ND		ND		ND		2.837
65	3	7	38.427	2215	62	54.14N	158	34.14E	63	21N	158	48E	620282	25083	194	47	28	21	ND		ND		ND		2.837
66	3	7	40.642	2215	62	45.32N	158	29.07E	63	12N	158	43E	620095	25084	194	43	28	30	ND		ND		ND		2.837
67	3	7	42.856	2215	62	36.50N	158	24.03E	63	3N	158	37E	619910	25084	194	40	28	39	ND		ND		ND		2.837
68	3	7	45.076	2220	62	27.66N	158	19.04E	62	54N	158	32E	619723	25084	194	36	28	47	ND		ND		ND		2.830
69	3	7	47.287	2211	62	18.86N	158	14.10E	62	46N	158	27E	619538	25085	194	33	28	56	ND		ND		ND		2.842
70	3	7	49.507	2219	62	10.01N	158	9.19E	62	37N	158	22E	619354	25085	194	30	29	5	ND		ND		ND		2.832
71	3	7	51.722	2215	62	1.18N	158	4.33E	62	28N	158	17E	619170	25086	194	26	29	14	ND		ND		ND		2.837
72	3	7	53.937	2215	61	52.35N	157	59.51E	62	19N	158	12E	618986	25086	194	23	29	22	ND		ND		ND		2.837
73	3	7	56.151	2215	61	43.52N	157	54.73E	62	10N	158	7E	618803	25087	194	20	29	31	ND		ND		ND		2.837
74	3	7	58.366	2215	61	34.68N	157	50.00E	62	1N	158	3E	618621	25087	194	17	29	40	ND		ND		ND		2.837
75	3	8	0.581	2215	61	25.85N	157	45.30E	61	53N	157	58E	618438	25088	194	14	29	49	ND		ND		ND		2.837
76	3	8	2.797	2215	61	17.00N	157	40.64E	61	44N	157	53E	618256	25088	194	10	29	58	ND		ND		ND		2.837
77	3	8	5.012	2215	61	8.16N	157	36.02E	61	35N	157	48E	618076	25088	194	7	30	6	ND		ND		ND		2.837
78	3	8	7.227	2215	60	59.31N	157	31.43E	61	26N	157	43E	617895	25089	194	4	30	15	ND		ND		ND		2.837
79	3	8	9.441	2215	60	50.47N	157	26.89E	61	17N	157	39E	617715	25089	194	1	30	24	ND		ND		ND		2.837
80	3	8	11.656	2215	60	41.62N	157	22.38E	61	8N	157	34E	617535	25090	193	58	30	33	ND		ND		ND		2.837

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140004-4

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	4	33	1.451	0	76	13.46N	150	41.50E	76	39N	151	33E	638791	25039	206	41	14	41	ND	ND	ND	1.985
2	4	33	4.616	3165	76	1.84N	150	17.34E	76	27N	151	7E	638488	25040	206	20	14	54	ND	ND	ND	1.985
3	4	33	7.172	2555	75	52.43N	149	58.29E	76	18N	150	47E	638243	25040	206	2	15	4	ND	ND	ND	2.459
4	4	33	9.552	2380	75	43.65N	149	40.91E	76	9N	150	29E	638015	25041	205	47	15	13	ND	ND	ND	2.640
5	4	33	11.861	2310	75	35.11N	149	24.36E	76	1N	150	11E	637795	25041	205	32	15	23	ND	ND	ND	2.720
6	4	33	14.142	2280	75	26.65N	149	8.32E	75	52N	149	55E	637578	25042	205	17	15	32	ND	ND	ND	2.756
7	4	33	16.411	2270	75	18.23N	148	52.64E	75	44N	149	38E	637361	25042	205	3	15	41	ND	ND	ND	2.768
8	4	33	18.666	2255	75	9.84N	148	37.34E	75	36N	149	22E	637146	25043	204	49	15	50	ND	ND	ND	2.786
9	4	33	20.917	2251	75	1.45N	148	22.33E	75	27N	149	6E	636931	25043	204	36	15	59	ND	ND	ND	2.791
10	4	33	23.166	2249	74	53.05N	148	7.60E	75	19N	148	50E	636717	25044	204	23	16	8	ND	ND	ND	2.794
11	4	33	25.416	2250	74	44.63N	147	53.12E	75	10N	148	35E	636503	25044	204	10	16	16	ND	ND	ND	2.793
12	4	33	27.661	2245	74	36.22N	147	38.91E	75	2N	148	20E	636290	25045	203	57	16	25	ND	ND	ND	2.799
13	4	33	29.902	2241	74	27.81N	147	24.97E	74	54N	148	6E	636077	25045	203	45	16	34	ND	ND	ND	2.804
14	4	33	32.143	2240	74	19.39N	147	11.27E	74	45N	147	51E	635865	25046	203	33	16	43	ND	ND	ND	2.805
15	4	33	34.387	2244	74	10.94N	146	57.77E	74	37N	147	37E	635652	25046	203	21	16	52	ND	ND	ND	2.800
16	4	33	36.626	2240	74	2.50N	146	44.53E	74	28N	147	23E	635439	25047	203	9	17	1	ND	ND	ND	2.805
17	4	33	38.861	2235	73	54.05N	146	31.52E	74	20N	147	9E	635228	25047	202	58	17	10	ND	ND	ND	2.811
18	4	33	41.102	2240	73	45.58N	146	18.69E	74	12N	146	56E	635017	25048	202	47	17	19	ND	ND	ND	2.805
19	4	33	43.337	2235	73	37.12N	146	6.10E	74	3N	146	43E	634805	25048	202	36	17	28	ND	ND	ND	2.811
20	4	33	45.571	2235	73	28.64N	145	53.71E	73	55N	146	30E	634594	25049	202	25	17	37	ND	ND	ND	2.811
21	4	33	47.807	2235	73	20.16N	145	41.51E	73	46N	146	17E	634383	25049	202	14	17	45	ND	ND	ND	2.811
22	4	33	50.041	2235	73	11.66N	145	29.51E	73	38N	146	4E	634173	25050	202	4	17	54	ND	ND	ND	2.811
23	4	33	52.276	2235	73	3.15N	145	17.68E	73	29N	145	52E	633963	25050	201	54	18	3	ND	ND	ND	2.811
24	4	33	54.507	2230	72	54.65N	145	6.07E	73	21N	145	40E	633753	25051	201	44	18	12	ND	ND	ND	2.818
25	4	33	56.741	2235	72	46.12N	144	54.61E	73	12N	145	28E	633543	25051	201	34	18	21	ND	ND	ND	2.811
26	4	34	36.554	39812	70	12.74N	141	55.98E	70	39N	142	21E	629844	25060	199	3	20	59	ND	ND	ND	0.158
27	4	34	39.143	2589	70	2.68N	141	45.81E	70	29N	142	11E	629607	25061	198	55	21	9	ND	ND	ND	2.427
28	4	34	41.643	2500	69	52.96N	141	36.14E	70	19N	142	0E	629377	25061	198	47	21	19	ND	ND	ND	2.513
29	4	34	43.973	2330	69	43.90N	141	27.24E	70	10N	141	51E	629164	25062	198	40	21	29	ND	ND	ND	2.697
30	4	34	46.247	2275	69	35.04N	141	18.67E	70	2N	141	42E	628956	25062	198	33	21	38	ND	ND	ND	2.762
31	4	34	48.487	2240	69	26.31N	141	10.34E	69	53N	141	34E	628752	25063	198	26	21	46	ND	ND	ND	2.805
32	4	34	50.732	2245	69	17.56N	141	2.09E	69	44N	141	25E	628547	25063	198	19	21	55	ND	ND	ND	2.799
33	4	34	52.972	2239	69	8.82N	140	53.97E	69	35N	141	17E	628343	25064	198	13	22	4	ND	ND	ND	2.806
34	4	34	55.206	2235	69	0.10N	140	45.97E	69	27N	141	8E	628141	25064	198	6	22	13	ND	ND	ND	2.811
35	4	34	57.437	2230	68	51.38N	140	38.07E	69	18N	141	0E	627938	25065	198	0	22	22	ND	ND	ND	2.818
36	4	34	59.666	2230	68	42.67N	140	30.28E	69	9N	140	52E	627737	25065	197	54	22	31	ND	ND	ND	2.818
37	4	35	1.896	2230	68	33.94N	140	22.58E	69	1N	140	44E	627534	25066	197	48	22	40	ND	ND	ND	2.818
38	4	35	4.126	2230	68	25.21N	140	14.97E	68	52N	140	36E	627334	25066	197	42	22	49	ND	ND	ND	2.818
39	4	35	6.352	2225	68	16.50N	140	7.46E	68	43N	140	28E	627133	25067	197	36	22	57	ND	ND	ND	2.824
40	4	35	8.581	2230	68	7.76N	140	0.03E	68	34N	140	21E	626932	25067	197	30	23	6	ND	ND	ND	2.818
41	4	35	10.807	2225	67	59.03N	139	52.69E	68	26N	140	13E	626732	25067	197	24	23	15	ND	ND	ND	2.824
42	4	35	13.031	2225	67	50.31N	139	45.45E	68	17N	140	6E	626532	25068	197	18	23	24	ND	ND	ND	2.824
43	4	35	15.257	2225	67	41.57N	139	38.28E	68	8N	139	58E	626333	25068	197	13	23	33	ND	ND	ND	2.824
44	4	35	17.481	2225	67	32.83N	139	31.20E	67	59N	139	51E	626134	25069	197	7	23	42	ND	ND	ND	2.824
45	4	35	19.706	2225	67	24.09N	139	24.20E	67	51N	139	44E	625936	25069	197	2	23	50	ND	ND	ND	2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	4	35	21.927	2220	67	15.36N	139	17.29E	67	42N	139	36E	625738	25070	196	56	23	59	ND		ND		ND		2.830
47	4	35	24.151	2225	67	6.61N	139	10.44E	67	33N	139	29E	625539	25070	196	51	24	8	ND		ND		ND		2.824
48	4	35	26.372	2221	66	57.87N	139	3.68E	67	25N	139	22E	625342	25071	196	46	24	17	ND		ND		ND		2.829
49	4	35	28.597	2224	66	49.11N	138	56.98E	67	16N	139	15E	625145	25071	196	41	24	26	ND		ND		ND		2.825
50	4	35	30.817	2221	66	40.36N	138	50.37E	67	7N	139	9E	624949	25072	196	36	24	35	ND		ND		ND		2.829
51	4	35	33.041	2224	66	31.60N	138	43.82E	66	58N	139	2E	624753	25072	196	31	24	43	ND		ND		ND		2.825
52	4	35	35.262	2220	66	22.84N	138	37.34E	66	49N	138	55E	624557	25073	196	26	24	52	ND		ND		ND		2.830
53	4	35	37.481	2220	66	14.09N	138	30.94E	66	41N	138	49E	624361	25073	196	21	25	1	ND		ND		ND		2.830
54	4	35	39.701	2220	66	5.33N	138	24.60E	66	32N	138	42E	624167	25074	196	16	25	10	ND		ND		ND		2.830
55	4	35	41.922	2220	65	56.56N	138	18.33E	66	23N	138	36E	623972	25074	196	11	25	19	ND		ND		ND		2.830
56	4	35	44.142	2220	65	47.79N	138	12.13E	66	14N	138	29E	623778	25074	196	7	25	27	ND		ND		ND		2.830
57	4	35	46.361	2220	65	39.02N	138	5.98E	66	6N	138	23E	623584	25075	196	2	25	36	ND		ND		ND		2.830
58	4	35	48.581	2220	65	30.24N	137	59.91E	65	57N	138	17E	623390	25075	195	58	25	45	ND		ND		ND		2.830
59	4	35	50.802	2220	65	21.46N	137	53.89E	65	48N	138	10E	623197	25076	195	53	25	54	ND		ND		ND		2.830
60	4	35	53.021	2220	65	12.68N	137	47.93E	65	39N	138	4E	623005	25076	195	49	26	3	ND		ND		ND		2.830
61	4	35	55.236	2215	65	3.91N	137	42.04E	65	31N	137	58E	622812	25077	195	45	26	11	ND		ND		ND		2.837
62	4	35	57.456	2220	64	55.12N	137	36.20E	65	22N	137	52E	622621	25077	195	40	26	20	ND		ND		ND		2.830
63	4	35	59.677	2220	64	46.32N	137	30.42E	65	13N	137	46E	622429	25078	195	36	26	29	ND		ND		ND		2.830
64	4	38	38.057	58380	54	12.57N	132	21.44E	54	39N	132	30E	610062	25107	192	17	36	56	ND		ND		ND		0.040
65	4	38	41.071	3015	54	0.42N	132	16.95E	54	27N	132	25E	609857	25108	192	15	37	8	ND		ND		ND		2.084
66	4	38	43.522	2451	53	50.54N	132	13.32E	54	17N	132	21E	609690	25108	192	13	37	17	ND		ND		ND		2.564
67	4	38	45.827	2305	53	41.25N	132	9.93E	54	8N	132	18E	609535	25109	192	11	37	26	ND		ND		ND		2.726
68	4	38	48.071	2244	53	32.19N	132	6.65E	53	59N	132	15E	609384	25109	192	9	37	35	ND		ND		ND		2.800
69	4	38	50.312	2240	53	23.16N	132	3.39E	53	50N	132	11E	609235	25109	192	7	37	44	ND		ND		ND		2.805
70	4	38	52.541	2230	53	14.16N	132	0.17E	53	41N	132	8E	609086	25110	192	6	37	53	ND		ND		ND		2.818
71	4	38	54.771	2230	53	5.16N	131	56.96E	53	32N	132	5E	608938	25110	192	4	38	2	ND		ND		ND		2.818
72	4	38	56.992	2221	52	56.20N	131	53.79E	53	23N	132	1E	608792	25110	192	2	38	10	ND		ND		ND		2.829
73	4	38	59.213	2220	52	47.24N	131	50.63E	53	14N	131	58E	608646	25111	192	1	38	19	ND		ND		ND		2.830
74	4	39	1.437	2224	52	38.26N	131	47.49E	53	5N	131	55E	608501	25111	191	59	38	28	ND		ND		ND		2.825
75	4	39	3.656	2220	52	29.30N	131	44.37E	52	56N	131	52E	608357	25112	191	58	38	37	ND		ND		ND		2.830
76	4	39	5.871	2215	52	20.36N	131	41.28E	52	47N	131	49E	608214	25112	191	56	38	45	ND		ND		ND		2.837
77	4	39	8.092	2220	52	11.39N	131	38.19E	52	38N	131	46E	608072	25112	191	54	38	54	ND		ND		ND		2.830
78	4	39	10.307	2215	52	2.45N	131	35.13E	52	29N	131	43E	607930	25113	191	53	39	3	ND		ND		ND		2.837
79	4	39	12.526	2220	51	53.48N	131	32.08E	52	20N	131	39E	607788	25113	191	51	39	12	ND		ND		ND		2.830
80	4	39	14.741	2215	51	44.53N	131	29.06E	52	11N	131	36E	607648	25113	191	50	39	20	ND		ND		ND		2.837
81	4	39	16.956	2215	51	35.58N	131	26.04E	52	2N	131	33E	607509	25114	191	48	39	29	ND		ND		ND		2.837
82	4	39	19.172	2215	51	26.63N	131	23.05E	51	53N	131	30E	607371	25114	191	47	39	38	ND		ND		ND		2.837
83	4	39	21.387	2215	51	17.68N	131	20.07E	51	44N	131	27E	607233	25114	191	45	39	46	ND		ND		ND		2.837
84	4	39	23.598	2211	51	8.74N	131	17.11E	51	35N	131	24E	607096	25115	191	44	39	55	ND		ND		ND		2.842
85	4	39	25.812	2214	50	59.79N	131	14.16E	51	26N	131	21E	606960	25115	191	43	40	4	ND		ND		ND		2.838
86	4	39	28.026	2215	50	50.84N	131	11.23E	51	17N	131	18E	606825	25115	191	41	40	12	ND		ND		ND		2.837
87	4	39	30.241	2215	50	41.88N	131	8.31E	51	8N	131	15E	606690	25116	191	40	40	21	ND		ND		ND		2.837
88	4	39	32.451	2210	50	32.94N	131	5.41E	50	59N	131	12E	606557	25116	191	38	40	30	ND		ND		ND		2.843
89	4	39	34.666	2215	50	23.99N	131	2.53E	50	50N	131	9E	606424	25116	191	37	40	39	ND		ND		ND		2.837
90	4	39	36.876	2210	50	15.05N	130	59.66E	50	41N	131	6E	606291	25117	191	36	40	47	ND		ND		ND		2.843

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FRM	Z TIME HR MI SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	CAMERA NADIR LONG DEG MIN	FORMAT CENTER LAT DEG MIN	FORMAT CENTER LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	4 39 39.092	2215	50 6.08N	130 56.80E	50 32N	131 4E	606160	25117	191 34	40 56	ND	ND	ND	2.837
92	4 39 41.307	2215	49 57.12N	130 53.95E	50 24N	131 1E	606029	25117	191 33	41 5	ND	ND	ND	2.837
93	4 39 43.517	2210	49 48.18N	130 51.13E	50 15N	130 58E	605900	25118	191 32	41 13	ND	ND	ND	2.843
94	4 39 45.727	2210	49 39.24N	130 48.32E	50 6N	130 55E	605771	25118	191 30	41 22	ND	ND	ND	2.843
95	4 39 47.937	2210	49 30.29N	130 45.52E	49 57N	130 52E	605643	25118	191 29	41 31	ND	ND	ND	2.843
96	4 39 50.146	2210	49 21.35N	130 42.74E	49 48N	130 49E	605516	25118	191 28	41 39	ND	ND	ND	2.843
97	4 39 52.357	2211	49 12.40N	130 39.96E	49 39N	130 46E	605390	25119	191 26	41 48	ND	ND	ND	2.842
98	4 39 54.566	2209	49 3.45N	130 37.21E	49 30N	130 44E	605264	25119	191 25	41 57	ND	ND	ND	2.844
99	4 39 56.781	2215	48 54.49N	130 34.46E	49 21N	130 41E	605140	25119	191 24	42 5	ND	ND	ND	2.837
100	4 39 58.991	2210	48 45.54N	130 31.73E	49 12N	130 38E	605016	25120	191 23	42 14	ND	ND	ND	2.843
101	4 40 1.201	2210	48 36.59N	130 29.01E	49 3N	130 35E	604893	25120	191 22	42 23	ND	ND	ND	2.843
102	4 40 3.407	2206	48 27.65N	130 26.31E	48 54N	130 33E	604771	25120	191 20	42 31	ND	ND	ND	2.848
103	4 40 5.621	2214	48 18.68N	130 23.61E	48 45N	130 30E	604650	25121	191 19	42 40	ND	ND	ND	2.838
104	4 40 7.831	2210	48 9.73N	130 20.93E	48 36N	130 27E	604529	25121	191 18	42 49	ND	ND	ND	2.843
105	4 40 10.037	2206	48 0.79N	130 18.27E	48 27N	130 24E	604409	25121	191 17	42 57	ND	ND	ND	2.848
106	4 40 12.246	2209	47 51.84N	130 15.61E	48 18N	130 22E	604291	25121	191 16	43 6	ND	ND	ND	2.844
107	4 40 14.456	2210	47 42.88N	130 12.97E	48 9N	130 19E	604173	25122	191 15	43 15	ND	ND	ND	2.843
108	4 40 16.666	2210	47 33.93N	130 10.34E	48 0N	130 16E	604056	25122	191 13	43 23	ND	ND	ND	2.843
109	4 40 18.878	2211	47 24.96N	130 7.71E	47 51N	130 14E	603940	25122	191 12	43 32	ND	ND	ND	2.842
110	4 40 21.087	2209	47 16.01N	130 5.11E	47 42N	130 11E	603824	25123	191 11	43 41	ND	ND	ND	2.844
111	4 40 23.297	2210	47 7.05N	130 2.51E	47 33N	130 8E	603710	25123	191 10	43 49	ND	ND	ND	2.843
112	4 40 25.507	2210	46 58.09N	129 59.92E	47 24N	130 6E	603597	25123	191 9	43 58	ND	ND	ND	2.843
113	4 40 27.717	2210	46 49.12N	129 57.35E	47 15N	130 3E	603484	25123	191 8	44 7	ND	ND	ND	2.843
114	4 40 29.927	2210	46 40.16N	129 54.78E	47 6N	130 1E	603372	25124	191 7	44 15	ND	ND	ND	2.843
115	4 40 32.137	2210	46 31.20N	129 52.23E	46 58N	129 58E	603261	25124	191 6	44 24	ND	ND	ND	2.843
116	4 40 34.347	2210	46 22.23N	129 49.69E	46 49N	129 56E	603152	25124	191 5	44 33	ND	ND	ND	2.843
117	4 40 36.557	2210	46 13.27N	129 47.16E	46 40N	129 53E	603042	25125	191 4	44 41	ND	ND	ND	2.843
118	4 40 38.767	2210	46 4.30N	129 44.64E	46 31N	129 50E	602935	25125	191 3	44 50	ND	ND	ND	2.843
119	4 40 40.981	2215	45 55.32N	129 42.12E	46 22N	129 48E	602827	25125	191 2	44 59	ND	ND	ND	2.837
120	4 40 43.191	2210	45 46.35N	129 39.63E	46 13N	129 45E	602721	25125	191 1	45 7	ND	ND	ND	2.843
121	4 40 45.401	2210	45 37.38N	129 37.14E	46 4N	129 43E	602615	25126	191 0	45 16	ND	ND	ND	2.843
122	4 40 47.611	2210	45 28.41N	129 34.66E	45 55N	129 40E	602511	25126	190 59	45 24	ND	ND	ND	2.843
123	4 40 49.821	2210	45 19.44N	129 32.19E	45 46N	129 38E	602408	25126	190 58	45 33	ND	ND	ND	2.843
124	4 40 52.032	2211	45 10.47N	129 29.73E	45 37N	129 35E	602305	25126	190 57	45 42	ND	ND	ND	2.842
125	4 40 54.246	2214	45 1.48N	129 27.28E	45 28N	129 33E	602203	25127	190 56	45 50	ND	ND	ND	2.838
126	4 40 56.456	2210	44 52.51N	129 24.84E	45 19N	129 30E	602103	25127	190 55	45 59	ND	ND	ND	2.843
127	4 40 58.666	2210	44 43.53N	129 22.41E	45 10N	129 28E	602003	25127	190 54	46 8	ND	ND	ND	2.843
128	4 41 0.876	2210	44 34.56N	129 19.99E	45 1N	129 25E	601904	25127	190 53	46 16	ND	ND	ND	2.843
129	4 41 3.087	2210	44 25.58N	129 17.58E	44 52N	129 23E	601806	25128	190 52	46 25	ND	ND	ND	2.843
130	4 41 5.297	2210	44 16.60N	129 15.18E	44 43N	129 21E	601709	25128	190 51	46 33	ND	ND	ND	2.843
131	4 41 7.507	2210	44 7.63N	129 12.79E	44 34N	129 18E	601613	25128	190 50	46 42	ND	ND	ND	2.843
132	4 41 9.717	2210	43 58.65N	129 10.41E	44 25N	129 16E	601518	25128	190 49	46 51	ND	ND	ND	2.843
133	4 41 11.927	2210	43 49.67N	129 8.03E	44 16N	129 13E	601424	25129	190 49	46 59	ND	ND	ND	2.843
134	4 41 14.137	2210	43 40.70N	129 5.67E	44 7N	129 11E	601331	25129	190 48	47 8	ND	ND	ND	2.843
135	4 41 16.348	2211	43 31.71N	129 3.32E	43 58N	129 9E	601239	25129	190 47	47 16	ND	ND	ND	2.842

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	4	41	18.557	2209	43	22.74N	129	0.97E	43	49N	129	6E	601147	25129	190	46	47	25	ND	ND	ND	2.844
137	4	41	20.767	2210	43	13.75N	128	58.63E	43	40N	129	4E	601058	25129	190	45	47	34	ND	ND	ND	2.843
138	4	41	22.978	2211	43	4.77N	128	56.30E	43	31N	129	1E	600968	25130	190	44	47	42	ND	ND	ND	2.842
139	4	41	25.191	2214	42	55.77N	128	53.98E	43	22N	128	59E	600880	25130	190	44	47	51	ND	ND	ND	2.838
140	4	41	27.397	2206	42	46.80N	128	51.67E	43	13N	128	57E	600793	25130	190	43	47	59	ND	ND	ND	2.848
141	4	41	29.611	2214	42	37.80N	128	49.37E	43	4N	128	54E	600707	25130	190	42	48	8	ND	ND	ND	2.838
142	4	41	31.821	2210	42	28.82N	128	47.07E	42	55N	128	52E	600622	25131	190	41	48	17	ND	ND	ND	2.843
143	4	41	34.031	2210	42	19.83N	128	44.79E	42	46N	128	50E	600537	25131	190	40	48	25	ND	ND	ND	2.843
144	4	41	36.241	2210	42	10.85N	128	42.51E	42	37N	128	48E	600454	25131	190	40	48	34	ND	ND	ND	2.843
145	4	41	38.451	2210	42	1.86N	128	40.24E	42	28N	128	45E	600372	25131	190	39	48	42	ND	ND	ND	2.843
146	4	41	40.662	2211	41	52.87N	128	37.98E	42	19N	128	43E	600291	25131	190	38	48	51	ND	ND	ND	2.842
147	4	41	42.876	2214	41	43.87N	128	35.72E	42	10N	128	41E	600211	25132	190	37	48	59	ND	ND	ND	2.838
148	4	41	45.087	2210	41	34.87N	128	33.47E	42	1N	128	38E	600132	25132	190	36	49	8	ND	ND	ND	2.843
149	4	41	47.297	2210	41	25.88N	128	31.23E	41	52N	128	36E	600054	25132	190	36	49	17	ND	ND	ND	2.843
150	4	41	49.503	2206	41	16.91N	128	29.01E	41	43N	128	34E	599977	25132	190	35	49	25	ND	ND	ND	2.848
151	4	41	51.700	2198	41	7.97N	128	26.80E	41	34N	128	32E	599901	25132	190	34	49	34	ND	ND	ND	2.859

Approved For Release 2001/08/09 : CIA-RDP78T05439A000300010040006-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	6	10	10.792	0	43	11.01N	106	45.35E	43	37N	106	51E	600856	25130	190	45	47	36	ND		ND		ND		2.102
2	6	10	13.781	2989	42	58.86N	106	42.21E	43	25N	106	47E	600738	25130	190	44	47	48	ND		ND		ND		2.102
3	6	10	16.212	2430	42	48.98N	106	39.66E	43	15N	106	45E	600644	25130	190	43	47	57	ND		ND		ND		2.586
4	6	10	18.517	2305	42	39.61N	106	37.26E	43	6N	106	42E	600554	25130	190	42	48	6	ND		ND		ND		2.726
5	6	10	20.771	2255	42	30.44N	106	34.92E	42	57N	106	40E	600469	25131	190	41	48	15	ND		ND		ND		2.786
6	6	10	23.008	2236	42	21.35N	106	32.61E	42	48N	106	38E	600385	25131	190	40	48	24	ND		ND		ND		2.810
7	6	10	25.241	2234	42	12.27N	106	30.30E	42	38N	106	35E	600302	25131	190	40	48	32	ND		ND		ND		2.813
8	6	10	27.472	2230	42	3.20N	106	28.01E	42	29N	106	33E	600221	25131	190	39	48	41	ND		ND		ND		2.818
9	6	10	29.696	2225	41	54.15N	106	25.73E	42	20N	106	31E	600140	25131	190	38	48	50	ND		ND		ND		2.824
10	6	10	31.916	2220	41	45.12N	106	23.47E	42	11N	106	28E	600061	25132	190	37	48	58	ND		ND		ND		2.830
11	6	10	34.137	2220	41	36.09N	106	21.21E	42	2N	106	26E	599983	25132	190	36	49	7	ND		ND		ND		2.830
12	6	10	36.361	2225	41	27.04N	106	18.96E	41	53N	106	24E	599906	25132	190	36	49	15	ND		ND		ND		2.824
13	6	10	38.577	2216	41	18.03N	106	16.72E	41	44N	106	22E	599830	25132	190	35	49	24	ND		ND		ND		2.835
14	6	10	40.797	2219	41	9.00N	106	14.49E	41	35N	106	19E	599754	25132	190	34	49	33	ND		ND		ND		2.832
15	6	10	43.017	2220	40	59.97N	106	12.26E	41	26N	106	17E	599681	25133	190	33	49	41	ND		ND		ND		2.830
16	6	10	45.232	2216	40	50.95N	106	10.05E	41	17N	106	15E	599608	25133	190	33	49	50	ND		ND		ND		2.835
17	6	10	47.451	2219	40	41.92N	106	7.84E	41	8N	106	13E	599536	25133	190	32	49	58	ND		ND		ND		2.832
18	6	10	49.666	2215	40	32.91N	106	5.64E	40	59N	106	10E	599465	25133	190	31	50	7	ND		ND		ND		2.837
19	6	10	51.882	2215	40	23.89N	106	3.45E	40	50N	106	8E	599396	25133	190	31	50	16	ND		ND		ND		2.837
20	6	10	54.102	2220	40	14.86N	106	1.26E	40	41N	106	6E	599326	25133	190	30	50	24	ND		ND		ND		2.830
21	6	10	56.316	2215	40	5.84N	105	59.08E	40	32N	106	4E	599259	25134	190	29	50	33	ND		ND		ND		2.837
22	6	10	58.531	2215	39	56.83N	105	56.91E	40	23N	106	2E	599193	25134	190	29	50	41	ND		ND		ND		2.837
23	6	11	0.741	2210	39	47.83N	105	54.76E	40	14N	105	59E	599128	25134	190	28	50	50	ND		ND		ND		2.843
24	6	11	2.962	2220	39	38.79N	105	52.59E	40	5N	105	57E	599063	25134	190	27	50	58	ND		ND		ND		2.830
25	6	11	5.173	2211	39	29.79N	105	50.45E	39	56N	105	55E	599000	25134	190	27	51	7	ND		ND		ND		2.842
26	6	11	7.387	2214	39	20.77N	105	48.31E	39	47N	105	53E	598938	25134	190	26	51	15	ND		ND		ND		2.838
27	6	11	9.602	2215	39	11.76N	105	46.17E	39	38N	105	51E	598877	25135	190	25	51	24	ND		ND		ND		2.837
28	6	11	11.816	2215	39	2.74N	105	44.05E	39	29N	105	49E	598817	25135	190	25	51	32	ND		ND		ND		2.837
29	6	11	14.031	2215	38	53.72N	105	41.92E	39	20N	105	46E	598758	25135	190	24	51	41	ND		ND		ND		2.837
30	6	11	16.246	2215	38	44.70N	105	39.81E	39	11N	105	44E	598700	25135	190	23	51	49	ND		ND		ND		2.837
31	6	11	18.457	2211	38	35.69N	105	37.71E	39	2N	105	42E	598643	25135	190	23	51	58	ND		ND		ND		2.842
32	6	11	20.673	2215	38	26.67N	105	35.60E	38	53N	105	40E	598588	25135	190	22	52	7	ND		ND		ND		2.837
33	6	11	22.887	2214	38	17.65N	105	33.51E	38	44N	105	38E	598533	25136	190	21	52	15	ND		ND		ND		2.838
34	6	11	25.102	2215	38	8.62N	105	31.42E	38	35N	105	36E	598480	25136	190	21	52	23	ND		ND		ND		2.837
35	6	11	27.312	2210	37	59.62N	105	29.34E	38	26N	105	34E	598428	25136	190	20	52	32	ND		ND		ND		2.843
36	6	11	29.526	2215	37	50.60N	105	27.26E	38	17N	105	32E	598377	25136	190	20	52	41	ND		ND		ND		2.837
37	6	11	31.736	2210	37	41.59N	105	25.20E	38	8N	105	30E	598327	25136	190	19	52	49	ND		ND		ND		2.843
38	6	11	33.951	2215	37	32.57N	105	23.13E	37	59N	105	28E	598278	25136	190	18	52	58	ND		ND		ND		2.837
39	6	11	36.161	2210	37	23.56N	105	21.08E	37	50N	105	25E	598230	25136	190	18	53	6	ND		ND		ND		2.843
40	6	11	38.376	2215	37	14.54N	105	19.03E	37	41N	105	23E	598183	25136	190	17	53	14	ND		ND		ND		2.837
41	6	11	40.592	2215	37	5.50N	105	16.98E	37	32N	105	21E	598138	25137	190	17	53	23	ND		ND		ND		2.837
42	6	11	42.802	2210	36	56.50N	105	14.94E	37	23N	105	19E	598094	25137	190	16	53	31	ND		ND		ND		2.843
43	6	11	45.017	2215	36	47.47N	105	12.91E	37	14N	105	17E	598050	25137	190	16	53	40	ND		ND		ND		2.837
44	6	11	47.227	2210	36	38.46N	105	10.88E	37	5N	105	15E	598009	25137	190	15	53	48	ND		ND		ND		2.843
45	6	11	49.441	2215	36	29.43N	105	8.86E	36	56N	105	13E	597968	25137	190	15	53	57	ND		ND		ND		2.837

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	6	11	51.651	2210	36	20.42N	105	6.85E	36	47N	105	11E	597928	25137	190	14	54	5	ND		ND		ND		2.843
47	6	11	53.866	2215	36	11.39N	105	4.83E	36	38N	105	9E	597889	25137	190	13	54	14	ND		ND		ND		2.837
48	6	11	56.081	2215	36	2.36N	105	2.83E	36	29N	105	7E	597852	25137	190	13	54	22	ND		ND		ND		2.837
49	6	11	58.291	2210	35	53.35N	105	0.83E	36	20N	105	5E	597815	25137	190	12	54	31	ND		ND		ND		2.843
50	6	12	0.502	2211	35	44.34N	104	58.84E	36	10N	105	3E	597780	25138	190	12	54	39	ND		ND		ND		2.842
51	6	12	2.717	2214	35	35.30N	104	56.85E	36	1N	105	1E	597746	25138	190	11	54	47	ND		ND		ND		2.838
52	6	12	4.927	2210	35	26.29N	104	54.87E	35	52N	104	59E	597713	25138	190	11	54	56	ND		ND		ND		2.843
53	6	12	7.142	2215	35	17.26N	104	52.89E	35	43N	104	57E	597682	25138	190	10	55	4	ND		ND		ND		2.837
54	6	12	9.352	2210	35	8.25N	104	50.92E	35	34N	104	55E	597651	25138	190	10	55	13	ND		ND		ND		2.843
55	6	12	11.566	2215	34	59.21N	104	48.95E	35	25N	104	53E	597623	25138	190	9	55	21	ND		ND		ND		2.837
56	6	12	13.781	2215	34	50.18N	104	46.99E	35	16N	104	51E	597594	25138	190	9	55	30	ND		ND		ND		2.837
57	6	12	15.991	2210	34	41.16N	104	45.03E	35	7N	104	49E	597567	25138	190	8	55	38	ND		ND		ND		2.843
58	6	12	18.201	2210	34	32.15N	104	43.08E	34	58N	104	47E	597541	25138	190	8	55	46	ND		ND		ND		2.843
59	6	12	20.411	2210	34	23.13N	104	41.14E	34	49N	104	45E	597517	25138	190	7	55	55	ND		ND		ND		2.843
60	6	12	22.626	2215	34	14.09N	104	39.19E	34	40N	104	43E	597494	25138	190	7	56	3	ND		ND		ND		2.837
61	6	12	24.837	2210	34	5.07N	104	37.26E	34	31N	104	41E	597471	25138	190	7	56	11	ND		ND		ND		2.843
62	6	12	27.047	2210	33	56.06N	104	35.33E	34	22N	104	39E	597450	25138	190	6	56	20	ND		ND		ND		2.843
63	6	12	29.262	2215	33	47.02N	104	33.40E	34	13N	104	37E	597431	25139	190	6	56	28	ND		ND		ND		2.837
64	6	12	31.472	2210	33	38.00N	104	31.48E	34	4N	104	35E	597413	25139	190	5	56	36	ND		ND		ND		2.843
65	6	12	33.687	2215	33	28.96N	104	29.56E	33	55N	104	34E	597395	25139	190	5	56	45	ND		ND		ND		2.837
66	6	12	35.896	2210	33	19.94N	104	27.65E	33	46N	104	32E	597379	25139	190	4	56	53	ND		ND		ND		2.843
67	6	12	38.106	2210	33	10.92N	104	25.74E	33	37N	104	30E	597364	25139	190	4	57	1	ND		ND		ND		2.843
68	6	12	40.321	2215	33	1.88N	104	23.84E	33	28N	104	28E	597350	25139	190	3	57	10	ND		ND		ND		2.837
69	6	12	42.531	2210	32	52.86N	104	21.94E	33	19N	104	26E	597338	25139	190	3	57	18	ND		ND		ND		2.843
70	6	12	44.742	2211	32	43.84N	104	20.05E	33	10N	104	24E	597327	25139	190	3	57	27	ND		ND		ND		2.842
71	6	12	46.952	2210	32	34.82N	104	18.16E	33	1N	104	22E	597316	25139	190	2	57	35	ND		ND		ND		2.843
72	6	12	49.166	2214	32	25.78N	104	16.27E	32	52N	104	20E	597308	25139	190	2	57	43	ND		ND		ND		2.838
73	6	12	51.376	2210	32	16.76N	104	14.39E	32	43N	104	18E	597301	25139	190	1	57	51	ND		ND		ND		2.843
74	6	12	53.587	2210	32	7.73N	104	12.52E	32	34N	104	16E	597294	25139	190	1	58	0	ND		ND		ND		2.843
75	6	12	55.802	2215	31	58.69N	104	10.64E	32	25N	104	14E	597290	25139	190	0	58	8	ND		ND		ND		2.837
76	6	12	58.012	2210	31	49.66N	104	8.78E	32	16N	104	13E	597286	25139	190	0	58	16	ND		ND		ND		2.843
77	6	13	0.222	2210	31	40.64N	104	6.92E	32	7N	104	11E	597283	25139	190	0	58	25	ND		ND		ND		2.843
78	6	13	2.433	2211	31	31.61N	104	5.06E	31	58N	104	9E	597282	25139	189	59	58	33	ND		ND		ND		2.842
79	6	13	4.646	2214	31	22.57N	104	3.20E	31	49N	104	7E	597282	25139	189	59	58	41	ND		ND		ND		2.838
80	6	13	6.861	2215	31	13.53N	104	1.35E	31	40N	104	5E	597283	25139	189	59	58	49	ND		ND		ND		2.837
81	6	13	9.071	2210	31	4.50N	103	59.50E	31	31N	104	3E	597286	25139	189	58	58	58	ND		ND		ND		2.843
82	6	13	11.281	2210	30	55.48N	103	57.66E	31	22N	104	1E	597289	25139	189	58	59	6	ND		ND		ND		2.843
83	6	13	13.492	2211	30	46.45N	103	55.82E	31	13N	104	0E	597294	25139	189	57	59	14	ND		ND		ND		2.842
84	6	13	15.706	2214	30	37.40N	103	53.99E	31	4N	103	58E	597301	25139	189	57	59	22	ND		ND		ND		2.838
85	6	13	17.922	2215	30	28.35N	103	52.15E	30	55N	103	56E	597308	25139	189	57	59	31	ND		ND		ND		2.837
86	6	13	20.126	2205	30	19.35N	103	50.33E	30	45N	103	54E	597317	25139	189	56	59	39	ND		ND		ND		2.850
87	6	13	22.342	2215	30	10.30N	103	48.51E	30	36N	103	52E	597327	25139	189	56	59	47	ND		ND		ND		2.837
88	6	13	24.552	2210	30	1.27N	103	46.69E	30	27N	103	50E	597338	25139	189	56	59	55	ND		ND		ND		2.843
89	6	13	26.762	2210	29	52.24N	103	44.88E	30	18N	103	49E	597351	25139	189	55	60	3	ND		ND		ND		2.843
90	6	13	28.977	2215	29	43.19N	103	43.06E	30	9N	103	47E	597365	25139	189	55	60	12	ND		ND		ND		2.837

Approved For Release 2007/06/09 : CIA-RDP78T05439A000300140003-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	6	13	31.187	2210	29	34.16N	103	41.26E	30.	0N	103	45E	597380	25139	189	55	60	20	ND		ND		ND		2.843
92	6	13	33.396	2210	29	25.14N	103	39.45E	29	51N	103	43E	597397	25139	189	54	60	28	ND		ND		ND		2.843
93	6	13	35.611	2215	29	16.09N	103	37.65E	29	42N	103	41E	597415	25139	189	54	60	36	ND		ND		ND		2.837
94	6	13	37.821	2210	29	7.06N	103	35.86E	29	33N	103	39E	597434	25139	189	54	60	44	ND		ND		ND		2.843
95	6	13	40.031	2210	28	58.02N	103	34.06E	29	24N	103	38E	597454	25139	189	53	60	52	ND		ND		ND		2.843
96	6	13	42.241	2210	28	48.99N	103	32.28E	29	15N	103	36E	597475	25139	189	53	61	0	ND		ND		ND		2.843
97	6	13	44.456	2215	28	39.94N	103	30.49E	29	6N	103	34E	597499	25139	189	53	61	9	ND		ND		ND		2.837
98	6	13	46.666	2210	28	30.91N	103	28.71E	28	57N	103	32E	597523	25139	189	52	61	17	ND		ND		ND		2.843
99	6	13	48.876	2210	28	21.88N	103	26.93E	28	48N	103	30E	597548	25139	189	52	61	25	ND		ND		ND		2.843
100	6	13	51.094	2217	28	12.82N	103	25.15E	28	39N	103	29E	597575	25139	189	52	61	33	ND		ND		ND		2.834
101	6	13	53.302	2208	28	3.79N	103	23.38E	28	30N	103	27E	597603	25139	189	51	61	41	ND		ND		ND		2.846
102	6	13	55.512	2210	27	54.76N	103	21.61E	28	21N	103	25E	597634	25139	189	51	61	49	ND		ND		ND		2.843
103	6	13	57.722	2210	27	45.73N	103	19.85E	28	12N	103	23E	597664	25139	189	51	61	57	ND		ND		ND		2.843
104	6	13	59.933	2211	27	36.69N	103	18.09E	28	3N	103	22E	597696	25139	189	50	62	5	ND		ND		ND		2.842
105	6	14	2.146	2214	27	27.64N	103	16.33E	27	54N	103	20E	597730	25138	189	50	62	13	ND		ND		ND		2.838
106	6	14	4.356	2210	27	18.60N	103	14.58E	27	45N	103	18E	597765	25138	189	50	62	21	ND		ND		ND		2.843
107	6	14	6.566	2210	27	9.57N	103	12.82E	27	36N	103	16E	597801	25138	189	49	62	29	ND		ND		ND		2.843
108	6	14	8.781	2215	27	0.52N	103	11.07E	27	27N	103	15E	597838	25138	189	49	62	37	ND		ND		ND		2.837
109	6	14	10.991	2210	26	51.48N	103	9.33E	27	18N	103	13E	597877	25138	189	49	62	45	ND		ND		ND		2.843
110	6	14	13.206	2215	26	42.43N	103	7.58E	27	9N	103	11E	597917	25138	189	49	62	53	ND		ND		ND		2.837
111	6	14	15.416	2210	26	33.39N	103	5.85E	27	0N	103	9E	597958	25138	189	48	63	1	ND		ND		ND		2.843
112	6	14	17.626	2210	26	24.35N	103	4.11E	26	51N	103	8E	598001	25138	189	48	63	9	ND		ND		ND		2.843
113	6	14	19.842	2215	26	15.29N	103	2.38E	26	41N	103	6E	598046	25138	189	48	63	17	ND		ND		ND		2.837
114	6	14	22.052	2210	26	6.26N	103	0.65E	26	32N	103	4E	598091	25138	189	47	63	25	ND		ND		ND		2.843
115	6	14	24.262	2210	25	57.22N	102	58.92E	26	23N	103	2E	598138	25138	189	47	63	33	ND		ND		ND		2.843
116	6	14	26.477	2215	25	48.16N	102	57.19E	26	14N	103	1E	598186	25138	189	47	63	41	ND		ND		ND		2.837
117	6	14	28.687	2210	25	39.13N	102	55.47E	26	5N	102	59E	598235	25137	189	47	63	49	ND		ND		ND		2.843
118	6	14	30.901	2215	25	30.07N	102	53.75E	25	56N	102	57E	598287	25137	189	46	63	57	ND		ND		ND		2.837
119	6	14	33.111	2210	25	21.03N	102	52.04E	25	47N	102	55E	598338	25137	189	46	64	5	ND		ND		ND		2.843
120	6	14	35.326	2215	25	11.97N	102	50.33E	25	38N	102	54E	598393	25137	189	46	64	13	ND		ND		ND		2.837
121	6	14	37.541	2215	25	2.92N	102	48.61E	25	29N	102	52E	598447	25137	189	46	64	21	ND		ND		ND		2.837
122	6	14	39.751	2210	24	53.88N	102	46.91E	25	20N	102	50E	598504	25137	189	45	64	29	ND		ND		ND		2.843
123	6	14	41.967	2215	24	44.81N	102	45.20E	25	11N	102	49E	598561	25137	189	45	64	37	ND		ND		ND		2.837
124	6	14	44.177	2210	24	35.78N	102	43.50E	25	2N	102	47E	598621	25137	189	45	64	44	ND		ND		ND		2.843
125	6	14	46.392	2215	24	26.72N	102	41.80E	24	53N	102	45E	598682	25136	189	45	64	52	ND		ND		ND		2.837
126	6	14	48.602	2210	24	17.68N	102	40.11E	24	44N	102	43E	598743	25136	189	44	65	0	ND		ND		ND		2.843
127	6	14	50.813	2211	24	8.63N	102	38.41E	24	35N	102	42E	598806	25136	189	44	65	8	ND		ND		ND		2.842
128	6	14	53.026	2214	23	59.58N	102	36.72E	24	26N	102	40E	598870	25136	189	44	65	15	ND		ND		ND		2.838
129	6	14	55.241	2215	23	50.52N	102	35.03E	24	17N	102	38E	598937	25136	189	44	65	23	ND		ND		ND		2.837
130	6	14	57.451	2210	23	41.48N	102	33.35E	24	8N	102	37E	599004	25136	189	43	65	31	ND		ND		ND		2.843
131	6	14	59.666	2215	23	32.42N	102	31.66E	23	59N	102	35E	599072	25136	189	43	65	39	ND		ND		ND		2.837
132	6	15	1.882	2215	23	23.35N	102	29.98E	23	50N	102	33E	599143	25136	189	43	65	47	ND		ND		ND		2.837
133	6	15	4.093	2211	23	14.31N	102	28.30E	23	41N	102	32E	599214	25135	189	43	65	54	ND		ND		ND		2.842
134	6	15	6.307	2214	23	5.25N	102	26.63E	23	32N	102	30E	599287	25135	189	43	66	2	ND		ND		ND		2.838
135	6	15	8.521	2215	22	56.19N	102	24.95E	23	22N	102	28E	599361	25135	189	42	66	10	ND		ND		ND		2.837

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	6	15	10.737	2216	22	47.12N	102	23.28E	23	13N	102	27E	599437	25135	189	42	66	17	ND		ND		ND		2.835
137	6	15	12.952	2215	22	38.06N	102	21.61E	23	4N	102	25E	599514	25135	189	42	66	25	ND		ND		ND		2.837
138	6	15	15.166	2214	22	29.00N	102	19.94E	22	55N	102	23E	599593	25135	189	42	66	33	ND		ND		ND		2.838
139	6	15	17.382	2215	22	19.94N	102	18.28E	22	46N	102	22E	599673	25134	189	41	66	40	ND		ND		ND		2.837
140	6	15	19.597	2215	22	10.87N	102	16.62E	22	37N	102	20E	599754	25134	189	41	66	48	ND		ND		ND		2.837
141	6	15	21.812	2215	22	1.81N	102	14.96E	22	28N	102	18E	599837	25134	189	41	66	55	ND		ND		ND		2.837
142	6	15	24.026	2215	21	52.75N	102	13.30E	22	19N	102	17E	599921	25134	189	41	67	3	ND		ND		ND		2.837
143	6	15	26.236	2210	21	43.70N	102	11.65E	22	10N	102	15E	600006	25134	189	41	67	10	ND		ND		ND		2.843
144	6	19	42.121	55885	4	16.16N	99	11.08E	4	43N	99	14E	619579	25089	189	29	77	19	ND		ND		ND		0.025
145	6	19	45.292	3171	4	3.19N	99	8.92E	4	30N	99	12E	619943	25088	189	29	77	20	ND		ND		ND		1.981
146	6	19	47.821	2529	3	52.84N	99	7.20E	4	20N	99	10E	620235	25088	189	29	77	22	ND		ND		ND		2.484
147	6	19	50.213	2391	3	43.05N	99	5.57E	4	10N	99	8E	620514	25087	189	29	77	22	ND		ND		ND		2.628
148	6	19	52.522	2310	3	33.60N	99	4.00E	4	1N	99	7E	620783	25086	189	29	77	23	ND		ND		ND		2.720
149	6	19	54.786	2264	3	24.34N	99	2.46E	3	52N	99	5E	621049	25086	189	29	77	24	ND		ND		ND		2.775
150	6	19	57.052	2265	3	15.06N	99	0.92E	3	42N	99	4E	621318	25085	189	29	77	24	ND		ND		ND		2.774
151	6	19	59.312	2260	3	5.82N	98	59.39E	3	33N	99	2E	621587	25084	189	29	77	25	ND		ND		ND		2.780
152	6	20	1.566	2255	2	56.59N	98	57.85E	3	24N	99	1E	621856	25084	189	29	77	25	ND		ND		ND		2.786
153	6	20	3.821	2255	2	47.36N	98	56.32E	3	15N	98	59E	622127	25083	189	29	77	25	ND		ND		ND		2.786
154	6	20	6.076	2255	2	38.14N	98	54.79E	3	5N	98	58E	622399	25083	189	29	77	25	ND		ND		ND		2.786
155	6	20	8.326	2250	2	28.93N	98	53.26E	2	56N	98	56E	622673	25082	189	29	77	25	ND		ND		ND		2.793
156	6	20	10.577	2251	2	19.72N	98	51.73E	2	47N	98	55E	622948	25081	189	29	77	25	ND		ND		ND		2.791
157	6	20	12.831	2254	2	10.50N	98	50.20E	2	38N	98	53E	623225	25081	189	29	77	25	ND		ND		ND		2.788
158	6	20	15.081	2250	2	1.29N	98	48.67E	2	29N	98	52E	623503	25080	189	29	77	24	ND		ND		ND		2.793
159	6	20	17.331	2250	1	52.09N	98	47.15E	2	19N	98	50E	623782	25079	189	29	77	24	ND		ND		ND		2.793
160	6	20	19.581	2250	1	42.88N	98	45.62E	2	10N	98	49E	624063	25079	189	29	77	23	ND		ND		ND		2.793
161	6	20	21.837	2255	1	33.66N	98	44.09E	2	1N	98	47E	624345	25078	189	29	77	23	ND		ND		ND		2.786
162	6	20	24.087	2250	1	24.45N	98	42.56E	1	52N	98	45E	624629	25077	189	29	77	22	ND		ND		ND		2.793
163	6	20	26.337	2250	1	15.25N	98	41.04E	1	43N	98	44E	624914	25077	189	29	77	21	ND		ND		ND		2.793
164	6	20	28.592	2255	1	6.02N	98	39.51E	1	33N	98	42E	625201	25076	189	29	77	20	ND		ND		ND		2.786
165	6	20	30.842	2250	0	56.82N	98	37.98E	1	24N	98	41E	625489	25075	189	29	77	19	ND		ND		ND		2.793
166	6	20	33.093	2251	0	47.61N	98	36.45E	1	15N	98	39E	625778	25075	189	29	77	17	ND		ND		ND		2.791
167	6	20	35.347	2254	0	38.39N	98	34.92E	1	6N	98	38E	626070	25074	189	29	77	16	ND		ND		ND		2.788
168	6	20	37.602	2255	0	29.17N	98	33.39E	0	57N	98	36E	626362	25073	189	29	77	15	ND		ND		ND		2.786
169	6	20	39.856	2255	0	19.95N	98	31.87E	0	47N	98	35E	626657	25073	189	29	77	13	ND		ND		ND		2.786
170	6	20	42.106	2250	0	10.75N	98	30.34E	0	38N	98	33E	626951	25072	189	29	77	11	ND		ND		ND		2.793
171	6	20	44.361	2255	0	1.48N	98	28.81E	0	29N	98	32E	627249	25071	189	29	77	10	ND		ND		ND		2.786
172	6	20	46.616	2255	0	7.71S	98	27.28E	0	20N	98	30E	627547	25071	189	29	77	8	ND		ND		ND		2.786
173	6	20	48.871	2255	0	16.93S	98	25.75E	0	11N	98	29E	627847	25070	189	29	77	6	ND		ND		ND		2.786
174	6	20	51.126	2255	0	26.15S	98	24.22E	0	1N	98	27E	628148	25069	189	29	77	3	ND		ND		ND		2.786
175	6	20	53.382	2255	0	35.37S	98	22.69E	0	8S	98	26E	628451	25069	189	29	77	1	ND		ND		ND		2.786
176	6	20	55.642	2260	0	44.61S	98	21.16E	0	17S	98	24E	628757	25068	189	29	76	59	ND		ND		ND		2.780
177	6	20	57.901	2260	0	53.85S	98	19.63E	0	26S	98	23E	629062	25067	189	29	76	57	ND		ND		ND		2.780
178	6	21	0.161	2260	1	3.09S	98	18.10E	0	36S	98	21E	629370	25066	189	29	76	54	ND		ND		ND		2.780
179	6	21	2.422	2260	1	12.34S	98	16.56E	0	45S	98	19E	629679	25066	189	29	76	51	ND		ND		ND		2.780

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

Approved For Release 2001/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	7	35	17.342	0	58	10.92N	89	33.03E	58	37N	89	43E	613592	25098	193	13	33	2	ND		ND		ND		2.081
2	7	35	20.361	3020	57	58.80N	89	27.67E	58	25N	89	38E	613367	25099	193	9	33	14	ND		ND		ND		2.081
3	7	35	22.807	2445	57	48.99N	89	23.37E	58	16N	89	33E	613186	25099	193	7	33	23	ND		ND		ND		2.570
4	7	35	25.111	2305	57	39.74N	89	19.35E	58	6N	89	29E	613016	25100	193	4	33	32	ND		ND		ND		2.726
5	7	35	27.371	2260	57	30.66N	89	15.43E	57	57N	89	25E	612849	25100	193	2	33	41	ND		ND		ND		2.780
6	7	35	29.616	2245	57	21.65N	89	11.57E	57	48N	89	21E	612685	25100	193	0	33	50	ND		ND		ND		2.799
7	7	35	31.848	2231	57	12.68N	89	7.76E	57	39N	89	17E	612522	25101	192	57	33	59	ND		ND		ND		2.816
8	7	35	34.076	2229	57	3.73N	89	3.97E	57	30N	89	13E	612360	25101	192	55	34	8	ND		ND		ND		2.819
9	7	35	36.307	2230	56	54.77N	89	0.21E	57	21N	89	10E	612198	25102	192	53	34	17	ND		ND		ND		2.818
10	7	35	38.531	2225	56	45.83N	88	56.49E	57	12N	89	6E	612038	25102	192	51	34	26	ND		ND		ND		2.824
11	7	35	40.757	2225	56	36.88N	88	52.79E	57	3N	89	2E	611878	25102	192	49	34	34	ND		ND		ND		2.824
12	7	35	42.978	2221	56	27.95N	88	49.12E	56	54N	88	58E	611719	25103	192	46	34	43	ND		ND		ND		2.829
13	7	35	45.201	2224	56	19.01N	88	45.47E	56	46N	88	55E	611560	25103	192	44	34	52	ND		ND		ND		2.825
14	7	35	47.422	2220	56	10.08N	88	41.85E	56	37N	88	51E	611402	25103	192	42	35	1	ND		ND		ND		2.830
15	7	35	49.642	2220	56	1.15N	88	38.25E	56	28N	88	47E	611245	25104	192	40	35	9	ND		ND		ND		2.830
16	7	35	51.861	2220	55	52.22N	88	34.68E	56	19N	88	44E	611089	25104	192	38	35	18	ND		ND		ND		2.830
17	7	35	54.081	2220	55	43.29N	88	31.13E	56	10N	88	40E	610933	25105	192	36	35	27	ND		ND		ND		2.830
18	7	35	56.302	2220	55	34.35N	88	27.60E	56	1N	88	36E	610777	25105	192	34	35	36	ND		ND		ND		2.837
19	7	35	58.517	2215	55	25.44N	88	24.11E	55	52N	88	33E	610623	25105	192	32	35	44	ND		ND		ND		2.830
20	7	36	0.736	2220	55	16.50N	88	20.62E	55	43N	88	29E	610470	25106	192	30	35	53	ND		ND		ND		2.835
21	7	36	2.952	2216	55	7.58N	88	17.17E	55	34N	88	26E	610317	25106	192	28	36	2	ND		ND		ND		2.832
22	7	36	5.172	2219	54	58.64N	88	13.73E	55	25N	88	22E	610164	25106	192	26	36	11	ND		ND		ND		2.837
23	7	36	7.387	2215	54	49.72N	88	10.32E	55	16N	88	19E	610012	25107	192	24	36	19	ND		ND		ND		2.837
24	7	36	9.602	2215	54	40.79N	88	6.93E	55	7N	88	15E	609862	25107	192	23	36	28	ND		ND		ND		2.830
25	7	36	11.821	2220	54	31.85N	88	3.55E	54	58N	88	12E	609711	25108	192	21	36	37	ND		ND		ND		2.837
26	7	36	14.036	2215	54	22.93N	88	0.20E	54	49N	88	8E	609562	25108	192	19	36	46	ND		ND		ND		2.837
27	7	36	16.251	2215	54	14.00N	87	56.88E	54	40N	88	5E	609413	25108	192	17	36	54	ND		ND		ND		2.837
28	7	36	18.467	2215	54	5.07N	87	53.57E	54	32N	88	2E	609265	25109	192	15	37	3	ND		ND		ND		2.830
29	7	36	20.687	2220	53	56.12N	87	50.27E	54	23N	87	58E	609117	25109	192	14	37	12	ND		ND		ND		2.842
30	7	36	22.897	2211	53	47.20N	87	47.01E	54	14N	87	55E	608971	25109	192	12	37	21	ND		ND		ND		2.838
31	7	36	25.111	2214	53	38.27N	87	43.76E	54	5N	87	52E	608825	25110	192	10	37	29	ND		ND		ND		2.837
32	7	36	27.326	2215	53	29.34N	87	40.53E	53	56N	87	48E	608680	25110	192	8	37	38	ND		ND		ND		2.835
33	7	36	29.542	2216	53	20.40N	87	37.31E	53	47N	87	45E	608535	25110	192	7	37	47	ND		ND		ND		2.838
34	7	36	31.757	2214	53	11.47N	87	34.12E	53	38N	87	42E	608391	25111	192	5	37	56	ND		ND		ND		2.837
35	7	36	33.972	2215	53	2.53N	87	30.94E	53	29N	87	39E	608248	25111	192	3	38	4	ND		ND		ND		2.843
36	7	36	36.182	2210	52	53.61N	87	27.79E	53	20N	87	35E	608105	25111	192	2	38	13	ND		ND		ND		2.830
37	7	36	38.401	2220	52	44.65N	87	24.64E	53	11N	87	32E	607964	25112	192	0	38	22	ND		ND		ND		2.843
38	7	36	40.611	2210	52	35.73N	87	21.52E	53	2N	87	29E	607823	25112	191	59	38	30	ND		ND		ND		2.837
39	7	36	42.826	2215	52	26.79N	87	18.42E	52	53N	87	26E	607683	25112	191	57	38	39	ND		ND		ND		2.843
40	7	36	45.036	2210	52	17.86N	87	15.34E	52	44N	87	23E	607544	25113	191	55	38	48	ND		ND		ND		2.837
41	7	36	47.251	2215	52	8.92N	87	12.26E	52	35N	87	20E	607405	25113	191	54	38	57	ND		ND		ND		2.837
42	7	36	49.467	2215	51	59.97N	87	9.21E	52	26N	87	17E	607266	25114	191	52	39	5	ND		ND		ND		2.837
43	7	36	51.682	2215	51	51.02N	87	6.17E	52	17N	87	13E	607130	25114	191	51	39	14	ND		ND		ND		2.843
44	7	36	53.892	2210	51	42.09N	87	3.15E	52	9N	87	10E	606994	25114	191	49	39	23	ND		ND		ND		2.837
45	7	36	56.106	2215	51	33.14N	87	0.15E	52	0N	87	7E	606857	25114	191	48	39	31	ND		ND		ND		

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
46	7	36	58.321	2215	51 24.19N	86 57.16E	51 51N	87 4E	606723	25115	191 46	39 40	ND	ND	ND	2.837
47	7	37	0.531	2210	51 15.26N	86 54.19E	51 42N	87 1E	606588	25115	191 45	39 49	ND	ND	ND	2.843
48	7	37	2.741	2210	51 6.33N	86 51.24E	51 33N	86 58E	606455	25115	191 43	39 58	ND	ND	ND	2.843
49	7	37	4.956	2215	50 57.37N	86 48.29E	51 24N	86 55E	606323	25116	191 42	40 6	ND	ND	ND	2.837
50	7	37	7.166	2210	50 48.44N	86 45.37E	51 15N	86 52E	606191	25116	191 41	40 15	ND	ND	ND	2.843
51	7	37	9.382	2215	50 39.48N	86 42.46E	51 6N	86 49E	606060	25116	191 39	40 24	ND	ND	ND	2.837
52	7	38	15.722	66340	46 10.75N	85 21.40E	46 37N	85 27E	602516	25125	191 3	44 44	ND	ND	ND	0.095
53	7	38	18.722	3000	45 58.58N	85 17.99E	46 25N	85 24E	602374	25126	191 2	44 56	ND	ND	ND	2.094
54	7	38	21.146	2425	45 48.74N	85 15.24E	46 15N	85 21E	602261	25126	191 1	45 5	ND	ND	ND	2.591
55	7	38	23.446	2300	45 39.40N	85 12.65E	46 6N	85 18E	602155	25126	191 0	45 14	ND	ND	ND	2.732
56	7	38	25.701	2255	45 30.25N	85 10.12E	45 57N	85 16E	602051	25126	190 59	45 23	ND	ND	ND	2.786
57	7	38	27.938	2236	45 21.18N	85 7.62E	45 47N	85 13E	601950	25127	190 58	45 32	ND	ND	ND	2.810
58	7	38	30.166	2229	45 12.13N	85 5.14E	45 38N	85 11E	601849	25127	190 57	45 40	ND	ND	ND	2.819
59	7	38	32.392	2225	45 3.09N	85 2.67E	45 29N	85 8E	601750	25127	190 56	45 49	ND	ND	ND	2.824
60	7	38	34.616	2225	44 54.06N	85 0.22E	45 20N	85 6E	601651	25127	190 55	45 58	ND	ND	ND	2.824
61	7	38	36.836	2220	44 45.05N	84 57.78E	45 11N	85 3E	601555	25128	190 54	46 6	ND	ND	ND	2.830
62	7	38	39.057	2220	44 36.03N	84 55.35E	45 2N	85 1E	601458	25128	190 53	46 15	ND	ND	ND	2.830
63	7	38	41.271	2215	44 27.04N	84 52.93E	44 53N	84 58E	601363	25128	190 52	46 23	ND	ND	ND	2.837
64	7	38	43.487	2216	44 18.04N	84 50.52E	44 44N	84 56E	601269	25128	190 51	46 32	ND	ND	ND	2.835
65	7	38	45.706	2219	44 9.03N	84 48.12E	44 35N	84 53E	601176	25128	190 50	46 41	ND	ND	ND	2.832
66	7	38	47.922	2215	44 0.02N	84 45.73E	44 26N	84 51E	601084	25129	190 49	46 49	ND	ND	ND	2.837
67	7	38	50.137	2215	43 51.03N	84 43.35E	44 17N	84 49E	600993	25129	190 49	46 58	ND	ND	ND	2.837
68	7	38	52.352	2215	43 42.03N	84 40.98E	44 8N	84 46E	600903	25129	190 48	47 7	ND	ND	ND	2.837
69	7	38	54.566	2215	43 33.03N	84 38.62E	43 59N	84 44E	600813	25129	190 47	47 15	ND	ND	ND	2.837
70	7	38	56.781	2215	43 24.03N	84 36.27E	43 50N	84 41E	600725	25130	190 46	47 24	ND	ND	ND	2.843
71	7	38	58.991	2210	43 15.05N	84 33.93E	43 41N	84 39E	600638	25130	190 45	47 33	ND	ND	ND	2.837
72	7	39	1.206	2215	43 6.05N	84 31.60E	43 32N	84 37E	600552	25130	190 44	47 41	ND	ND	ND	2.837
73	7	39	3.422	2215	42 57.04N	84 29.27E	43 23N	84 34E	600466	25130	190 43	47 50	ND	ND	ND	2.842
74	7	39	5.633	2211	42 48.05N	84 26.96E	43 14N	84 32E	600383	25130	190 43	47 58	ND	ND	ND	2.838
75	7	39	7.847	2214	42 39.05N	84 24.65E	43 5N	84 30E	600299	25131	190 42	48 7	ND	ND	ND	2.842
76	7	39	10.058	2211	42 30.06N	84 22.36E	42 56N	84 27E	600216	25131	190 41	48 15	ND	ND	ND	2.838
77	7	39	12.271	2214	42 21.06N	84 20.07E	42 47N	84 25E	600136	25131	190 40	48 24	ND	ND	ND	2.842
78	7	39	14.482	2211	42 12.07N	84 17.79E	42 38N	84 23E	600055	25131	190 39	48 33	ND	ND	ND	2.838
79	7	39	16.696	2214	42 3.07N	84 15.51E	42 29N	84 21E	599976	25131	190 39	48 41	ND	ND	ND	2.837
80	7	39	18.911	2215	41 54.06N	84 13.25E	42 20N	84 18E	599898	25132	190 38	48 50	ND	ND	ND	2.843
81	7	39	21.121	2210	41 45.08N	84 10.99E	42 11N	84 16E	599821	25132	190 37	48 58	ND	ND	ND	2.837
82	7	39	23.336	2215	41 36.07N	84 8.74E	42 2N	84 14E	599744	25132	190 36	49 7	ND	ND	ND	2.843
83	7	39	25.547	2210	41 27.07N	84 6.50E	41 53N	84 11E	599670	25132	190 36	49 16	ND	ND	ND	2.842
84	7	39	27.758	2211	41 18.08N	84 4.27E	41 44N	84 9E	599595	25132	190 35	49 24	ND	ND	ND	2.838
85	7	39	29.972	2214	41 9.07N	84 2.04E	41 35N	84 7E	599522	25133	190 34	49 33	ND	ND	ND	2.843
86	7	39	32.182	2210	41 0.08N	83 59.83E	41 26N	84 5E	599451	25133	190 33	49 41	ND	ND	ND	2.843
87	7	39	34.392	2210	40 51.09N	83 57.62E	41 17N	84 2E	599379	25133	190 33	49 50	ND	ND	ND	2.837
88	7	39	36.606	2215	40 42.08N	83 55.41E	41 8N	84 0E	599309	25133	190 32	49 58	ND	ND	ND	2.843
89	7	39	38.816	2210	40 33.08N	83 53.22E	40 59N	83 58E	599240	25133	190 31	50 7	ND	ND	ND	2.843
90	7	39	41.026	2210	40 24.09N	83 51.03E	40 50N	83 56E	599172	25134	190 31	50 15	ND	ND	ND	

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	7	39	43.236	2210	40	15.10N	83	48.85E	40	41N	83	54E	599106	25134	190	30	50	24	ND		ND		ND		2.843
92	7	39	45.446	2210	40	6.10N	83	46.68E	40	32N	83	51E	599040	25134	190	29	50	32	ND		ND		ND		2.843
93	7	39	47.661	2215	39	57.09N	83	44.51E	40	23N	83	49E	598976	25134	190	28	50	41	ND		ND		ND		2.837
94	7	39	49.866	2205	39	48.11N	83	42.36E	40	14N	83	47E	598912	25134	190	28	50	50	ND		ND		ND		2.850
95	7	39	52.076	2210	39	39.11N	83	40.21E	40	5N	83	45E	598850	25134	190	27	50	58	ND		ND		ND		2.843
96	7	39	54.286	2210	39	30.11N	83	38.07E	39	56N	83	43E	598788	25135	190	26	51	7	ND		ND		ND		2.843
97	7	39	56.501	2215	39	21.10N	83	35.92E	39	47N	83	41E	598728	25135	190	26	51	15	ND		ND		ND		2.837
98	7	39	58.711	2210	39	12.10N	83	33.79E	39	38N	83	38E	598669	25135	190	25	51	24	ND		ND		ND		2.843
99	7	40	0.916	2205	39	3.12N	83	31.67E	39	29N	83	36E	598611	25135	190	25	51	32	ND		ND		ND		2.850
100	7	40	3.132	2215	38	54.09N	83	29.55E	39	20N	83	34E	598554	25135	190	24	51	41	ND		ND		ND		2.837
101	7	40	5.342	2210	38	45.09N	83	27.44E	39	11N	83	32E	598498	25135	190	23	51	49	ND		ND		ND		2.843
102	7	40	7.552	2210	38	36.09N	83	25.34E	39	2N	83	30E	598442	25135	190	23	51	58	ND		ND		ND		2.843
103	7	40	9.762	2210	38	27.09N	83	23.24E	38	53N	83	28E	598389	25136	190	22	52	6	ND		ND		ND		2.843
104	7	40	11.972	2210	38	18.09N	83	21.15E	38	44N	83	26E	598336	25136	190	21	52	15	ND		ND		ND		2.843
105	7	40	14.182	2210	38	9.08N	83	19.06E	38	35N	83	24E	598284	25136	190	21	52	23	ND		ND		ND		2.843
106	7	40	16.392	2210	38	0.08N	83	16.99E	38	26N	83	21E	598234	25136	190	20	52	32	ND		ND		ND		2.843
107	7	40	18.602	2210	37	51.08N	83	14.91E	38	17N	83	19E	598184	25136	190	20	52	40	ND		ND		ND		2.843
108	7	40	20.807	2205	37	42.09N	83	12.85E	38	8N	83	17E	598136	25136	190	19	52	49	ND		ND		ND		2.850
109	7	40	23.021	2215	37	33.07N	83	10.79E	37	59N	83	15E	598089	25136	190	18	52	57	ND		ND		ND		2.837
110	7	40	25.231	2210	37	24.06N	83	8.73E	37	50N	83	13E	598043	25136	190	18	53	6	ND		ND		ND		2.843
111	7	40	27.437	2205	37	15.08N	83	6.69E	37	41N	83	11E	597999	25137	190	17	53	14	ND		ND		ND		2.850
112	7	40	29.646	2210	37	6.07N	83	4.65E	37	32N	83	9E	597955	25137	190	17	53	22	ND		ND		ND		2.843
113	7	40	31.857	2211	36	57.06N	83	2.61E	37	23N	83	7E	597912	25137	190	16	53	31	ND		ND		ND		2.842
114	7	40	34.066	2209	36	48.05N	83	0.58E	37	14N	83	5E	597871	25137	190	16	53	39	ND		ND		ND		2.844
115	7	40	36.276	2210	36	39.04N	82	58.56E	37	5N	83	3E	597830	25137	190	15	53	48	ND		ND		ND		2.843
116	7	40	38.482	2206	36	30.05N	82	56.54E	36	56N	83	1E	597791	25137	190	15	53	56	ND		ND		ND		2.848
117	7	40	40.696	2214	36	21.03N	82	54.52E	36	47N	82	59E	597753	25137	190	14	54	5	ND		ND		ND		2.838
118	7	40	42.906	2210	36	12.02N	82	52.51E	36	38N	82	57E	597715	25137	190	13	54	13	ND		ND		ND		2.843
119	7	40	45.116	2210	36	3.01N	82	50.51E	36	29N	82	55E	597680	25137	190	13	54	22	ND		ND		ND		2.843
120	7	40	47.326	2210	35	53.99N	82	48.52E	36	20N	82	53E	597646	25138	190	12	54	30	ND		ND		ND		2.843
121	7	40	49.536	2210	35	44.98N	82	46.52E	36	11N	82	51E	597612	25138	190	12	54	38	ND		ND		ND		2.843
122	7	40	51.742	2206	35	35.99N	82	44.54E	36	2N	82	49E	597580	25138	190	11	54	47	ND		ND		ND		2.848
123	7	40	53.951	2209	35	26.98N	82	42.56E	35	53N	82	47E	597549	25138	190	11	54	55	ND		ND		ND		2.844
124	7	40	56.161	2210	35	17.97N	82	40.59E	35	44N	82	45E	597519	25138	190	10	55	4	ND		ND		ND		2.843
125	7	40	58.371	2210	35	8.95N	82	38.62E	35	35N	82	43E	597490	25138	190	10	55	12	ND		ND		ND		2.843
126	7	41	0.581	2210	34	59.94N	82	36.65E	35	26N	82	41E	597462	25138	190	9	55	20	ND		ND		ND		2.843
127	7	41	2.791	2210	34	50.92N	82	34.69E	35	17N	82	39E	597436	25138	190	9	55	29	ND		ND		ND		2.843
128	7	41	5.001	2210	34	41.91N	82	32.74E	35	8N	82	37E	597411	25138	190	8	55	37	ND		ND		ND		2.843
129	7	41	7.211	2210	34	32.89N	82	30.79E	34	59N	82	35E	597387	25138	190	8	55	46	ND		ND		ND		2.843
130	7	41	9.422	2210	34	23.87N	82	28.84E	34	50N	82	33E	597364	25138	190	7	55	54	ND		ND		ND		2.843
131	7	41	11.632	2210	34	14.86N	82	26.90E	34	41N	82	31E	597342	25138	190	7	56	2	ND		ND		ND		2.843
132	7	41	13.842	2210	34	5.84N	82	24.97E	34	32N	82	29E	597321	25138	190	7	56	11	ND		ND		ND		2.843
133	7	41	16.052	2210	33	56.82N	82	23.04E	34	23N	82	27E	597302	25139	190	6	56	19	ND		ND		ND		2.843
134	7	41	18.263	2211	33	47.80N	82	21.11E	34	14N	82	25E	597284	25139	190	6	56	27	ND		ND		ND		2.842
135	7	41	20.472	2209	33	38.79N	82	19.19E	34	5N	82	23E	597267	25139	190	5	56	36	ND		ND		ND		2.844

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	7	41	22.682	2210	33	29.77N	82	17.28E	33	56N	82	21E	597251	25139	190	5	56	44	ND		ND		ND		2.843
137	7	41	24.892	2210	33	20.75N	82	15.36E	33	47N	82	19E	597237	25139	190	4	56	53	ND		ND		ND		2.843
138	7	41	27.102	2210	33	11.73N	82	13.46E	33	38N	82	17E	597223	25139	190	4	57	1	ND		ND		ND		2.843
139	7	41	29.312	2210	33	2.71N	82	11.56E	33	29N	82	15E	597211	25139	190	3	57	9	ND		ND		ND		2.843
140	7	41	31.521	2210	32	53.69N	82	9.66E	33	20N	82	14E	597200	25139	190	3	57	18	ND		ND		ND		2.843
141	7	41	33.731	2210	32	44.67N	82	7.77E	33	11N	82	12E	597191	25139	190	3	57	26	ND		ND		ND		2.843
142	7	41	35.941	2210	32	35.65N	82	5.88E	33	2N	82	10E	597182	25139	190	2	57	34	ND		ND		ND		2.843
143	7	41	38.151	2210	32	26.63N	82	3.99E	32	53N	82	8E	597176	25139	190	2	57	42	ND		ND		ND		2.843
144	7	41	40.361	2210	32	17.60N	82	2.12E	32	44N	82	6E	597169	25139	190	1	57	51	ND		ND		ND		2.843
145	7	41	42.571	2210	32	8.58N	82	0.24E	32	35N	82	4E	597165	25139	190	1	57	59	ND		ND		ND		2.843
146	7	41	44.781	2210	31	59.56N	81	58.37E	32	26N	82	2E	597161	25139	190	0	58	7	ND		ND		ND		2.843
147	7	41	46.991	2210	31	50.54N	81	56.50E	32	17N	82	0E	597159	25139	190	0	58	16	ND		ND		ND		2.843
148	7	41	49.201	2210	31	41.51N	81	54.64E	32	8N	81	58E	597158	25139	190	0	58	24	ND		ND		ND		2.843
149	7	41	51.411	2210	31	32.49N	81	52.78E	31	59N	81	57E	597158	25139	189	59	58	32	ND		ND		ND		2.843
150	7	41	53.621	2210	31	23.46N	81	50.93E	31	50N	81	55E	597159	25139	189	59	58	40	ND		ND		ND		2.843
151	7	41	55.831	2210	31	14.44N	81	49.08E	31	41N	81	53E	597162	25139	189	59	58	49	ND		ND		ND		2.843
152	7	41	58.041	2210	31	5.41N	81	47.24E	31	32N	81	51E	597166	25139	189	58	58	57	ND		ND		ND		2.843
153	7	42	0.251	2210	30	56.39N	81	45.39E	31	23N	81	49E	597172	25139	189	58	59	5	ND		ND		ND		2.843
154	7	42	2.467	2215	30	47.34N	81	43.55E	31	13N	81	47E	597178	25139	189	57	59	13	ND		ND		ND		2.837
155	7	42	4.677	2210	30	38.31N	81	41.72E	31	4N	81	45E	597186	25139	189	57	59	22	ND		ND		ND		2.843
156	7	42	6.887	2210	30	29.28N	81	39.89E	30	55N	81	44E	597195	25139	189	57	59	30	ND		ND		ND		2.843
157	7	42	9.098	2211	30	20.25N	81	38.06E	30	46N	81	42E	597205	25139	189	56	59	38	ND		ND		ND		2.842
158	7	42	11.307	2209	30	11.23N	81	36.24E	30	37N	81	40E	597217	25139	189	56	59	46	ND		ND		ND		2.844
159	7	42	13.521	2215	30	2.18N	81	34.42E	30	28N	81	38E	597230	25139	189	56	59	54	ND		ND		ND		2.837
160	7	42	15.731	2210	29	53.15N	81	32.61E	30	19N	81	36E	597244	25139	189	55	60	3	ND		ND		ND		2.843
161	7	42	17.941	2210	29	44.12N	81	30.80E	30	10N	81	34E	597259	25139	189	55	60	11	ND		ND		ND		2.843
162	7	42	20.151	2210	29	35.10N	81	28.99E	30	1N	81	33E	597275	25139	189	55	60	19	ND		ND		ND		2.843
163	7	42	22.357	2206	29	26.08N	81	27.19E	29	52N	81	31E	597294	25139	189	54	60	27	ND		ND		ND		2.848
164	7	42	24.571	2214	29	17.04N	81	25.39E	29	43N	81	29E	597313	25139	189	54	60	35	ND		ND		ND		2.838
165	7	42	26.781	2210	29	8.01N	81	23.59E	29	34N	81	27E	597333	25139	189	53	60	44	ND		ND		ND		2.843
166	7	42	28.991	2210	28	58.98N	81	21.80E	29	25N	81	25E	597355	25139	189	53	60	52	ND		ND		ND		2.843
167	7	42	31.201	2210	28	49.95N	81	20.01E	29	16N	81	24E	597379	25139	189	53	61	0	ND		ND		ND		2.843
168	7	42	33.411	2210	28	40.91N	81	18.23E	29	7N	81	22E	597403	25139	189	53	61	8	ND		ND		ND		2.843

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	8	59	29.062	0	76	13.45N	84	3.69E	76	39N	84	55E	636974	25042	206	41	14	41	ND		ND		ND		1.998
2	8	59	32.205	3144	76	1.90N	83	39.69E	76	27N	84	30E	636680	25043	206	19	14	54	ND		ND		ND		1.998
3	8	59	34.750	2545	75	52.53N	83	20.72E	76	18N	84	10E	636442	25044	206	2	15	4	ND		ND		ND		2.469
4	8	59	37.131	2380	75	43.75N	83	3.33E	76	9N	83	51E	636220	25044	205	46	15	14	ND		ND		ND		2.640
5	8	59	39.437	2306	75	35.22N	82	46.81E	76	1N	83	34E	636005	25045	205	31	15	23	ND		ND		ND		2.725
6	8	59	41.716	2279	75	26.77N	82	30.77E	75	52N	83	17E	635793	25045	205	17	15	32	ND		ND		ND		2.757
7	8	59	43.976	2260	75	18.38N	82	15.16E	75	44N	83	0E	635583	25046	205	3	15	41	ND		ND		ND		2.780
8	8	59	46.230	2255	75	9.99N	81	59.86E	75	36N	82	44E	635373	25046	204	49	15	50	ND		ND		ND		2.786
9	8	59	48.485	2255	75	1.58N	81	44.82E	75	27N	82	28E	635163	25047	204	36	15	59	ND		ND		ND		2.786
10	8	59	50.730	2245	74	53.20N	81	30.12E	75	19N	82	13E	634954	25047	204	23	16	8	ND		ND		ND		2.799
11	8	59	52.976	2245	74	44.80N	81	15.66E	75	11N	81	58E	634746	25048	204	10	16	17	ND		ND		ND		2.799
12	8	59	55.221	2245	74	36.38N	81	1.45E	75	2N	81	43E	634538	25048	203	57	16	25	ND		ND		ND		2.799
13	8	59	57.466	2245	74	27.96N	80	47.48E	74	54N	81	28E	634331	25049	203	45	16	34	ND		ND		ND		2.799
14	8	59	59.705	2240	74	19.54N	80	33.79E	74	45N	81	14E	634123	25049	203	33	16	43	ND		ND		ND		2.805
15	9	0	1.945	2240	74	11.10N	80	20.31E	74	37N	80	59E	633916	25050	203	21	16	52	ND		ND		ND		2.805
16	9	0	4.181	2235	74	2.67N	80	7.08E	74	29N	80	45E	633710	25050	203	9	17	1	ND		ND		ND		2.811
17	9	0	6.420	2240	73	54.21N	79	54.05E	74	20N	80	32E	633503	25051	202	58	17	10	ND		ND		ND		2.805
18	9	0	8.655	2235	73	45.76N	79	41.25E	74	12N	80	18E	633297	25051	202	47	17	19	ND		ND		ND		2.811
19	9	0	10.891	2235	73	37.29N	79	28.65E	74	3N	80	5E	633091	25052	202	36	17	28	ND		ND		ND		2.811
20	9	0	13.125	2235	73	28.82N	79	16.26E	73	55N	79	52E	632885	25052	202	25	17	37	ND		ND		ND		2.811
21	9	0	15.360	2235	73	20.33N	79	4.06E	73	46N	79	39E	632680	25053	202	14	17	45	ND		ND		ND		2.811
22	9	0	17.596	2235	73	11.83N	78	52.05E	73	38N	79	27E	632475	25053	202	4	17	54	ND		ND		ND		2.811
23	9	0	19.830	2235	73	3.32N	78	40.23E	73	29N	79	14E	632269	25053	201	53	18	3	ND		ND		ND		2.811
24	9	0	22.061	2230	72	54.82N	78	28.61E	73	21N	79	2E	632065	25054	201	43	18	12	ND		ND		ND		2.818
25	9	0	24.291	2231	72	46.31N	78	17.17E	73	12N	78	50E	631861	25054	201	34	18	21	ND		ND		ND		2.816
26	9	0	26.525	2234	72	37.77N	78	5.88E	73	4N	78	38E	631656	25055	201	24	18	30	ND		ND		ND		2.813
27	9	0	28.756	2230	72	29.24N	77	54.78E	72	55N	78	27E	631453	25055	201	14	18	39	ND		ND		ND		2.818
28	9	0	30.985	2230	72	20.70N	77	43.85E	72	47N	78	15E	631250	25056	201	5	18	48	ND		ND		ND		2.818
29	9	0	33.216	2230	72	12.15N	77	33.07E	72	38N	78	4E	631046	25056	200	56	18	56	ND		ND		ND		2.818
30	9	0	35.445	2230	72	3.60N	77	22.45E	72	30N	77	53E	630843	25057	200	47	19	5	ND		ND		ND		2.818
31	9	0	37.676	2230	71	55.03N	77	11.99E	72	21N	77	42E	630640	25057	200	38	19	14	ND		ND		ND		2.818
32	9	0	39.905	2230	71	46.46N	77	1.68E	72	13N	77	31E	630437	25058	200	29	19	23	ND		ND		ND		2.818
33	9	0	42.136	2230	71	37.87N	76	51.50E	72	4N	77	21E	630236	25058	200	21	19	32	ND		ND		ND		2.818
34	9	0	44.361	2226	71	29.30N	76	41.50E	71	56N	77	10E	630034	25059	200	12	19	41	ND		ND		ND		2.823
35	9	0	46.591	2229	71	20.70N	76	31.62E	71	47N	77	0E	629832	25059	200	4	19	50	ND		ND		ND		2.819
36	9	0	48.815	2225	71	12.11N	76	21.89E	71	38N	76	50E	629631	25060	199	56	19	58	ND		ND		ND		2.824
37	9	0	51.045	2230	71	3.50N	76	12.28E	71	30N	76	40E	629430	25060	199	48	20	7	ND		ND		ND		2.818
38	9	0	53.271	2225	70	54.89N	76	2.82E	71	21N	76	30E	629229	25061	199	40	20	16	ND		ND		ND		2.824
39	9	0	55.495	2225	70	46.28N	75	53.48E	71	13N	76	20E	629029	25061	199	32	20	25	ND		ND		ND		2.824
40	9	0	57.726	2230	70	37.65N	75	44.25E	71	4N	76	10E	628829	25062	199	24	20	34	ND		ND		ND		2.818
41	9	0	59.950	2225	70	29.02N	75	35.17E	70	55N	76	1E	628629	25062	199	17	20	43	ND		ND		ND		2.824
42	9	1	2.176	2225	70	20.39N	75	26.20E	70	47N	75	52E	628429	25063	199	9	20	51	ND		ND		ND		2.824
43	9	1	4.400	2225	70	11.75N	75	17.35E	70	38N	75	42E	628230	25063	199	2	21	0	ND		ND		ND		2.824
44	9	1	6.625	2225	70	3.11N	75	8.61E	70	30N	75	33E	628030	25063	198	55	21	9	ND		ND		ND		2.824
45	9	1	8.851	2225	69	54.46N	74	59.99E	70	21N	75	24E	627832	25064	198	48	21	18	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	9	1	11.075	2225	69	45.80N	74	51.48E	70	12N	75	15E	627634	25064	198	41	21	27	ND		ND		ND		2.824
47	9	1	13.297	2221	69	37.15N	74	43.08E	70	4N	75	7E	627435	25065	198	34	21	36	ND		ND		ND		2.829
48	9	1	15.521	2224	69	28.49N	74	34.79E	69	55N	74	58E	627238	25065	198	27	21	44	ND		ND		ND		2.825
49	9	1	17.745	2225	69	19.81N	74	26.59E	69	46N	74	50E	627040	25066	198	21	21	53	ND		ND		ND		2.824
50	9	1	19.966	2220	69	11.15N	74	18.51E	69	38N	74	41E	626844	25066	198	14	22	2	ND		ND		ND		2.830
51	9	1	22.187	2221	69	2.48N	74	10.53E	69	29N	74	33E	626647	25067	198	8	22	11	ND		ND		ND		2.829
52	9	1	24.410	2224	68	53.79N	74	2.64E	69	20N	74	25E	626451	25067	198	1	22	20	ND		ND		ND		2.825
53	9	1	26.636	2225	68	45.09N	73	54.83E	69	12N	74	17E	626254	25068	197	55	22	29	ND		ND		ND		2.824
54	9	1	28.855	2220	68	36.41N	73	47.14E	69	3N	74	9E	626059	25068	197	49	22	37	ND		ND		ND		2.830
55	9	1	31.080	2225	68	27.70N	73	39.52E	68	54N	74	1E	625863	25069	197	43	22	46	ND		ND		ND		2.824
56	9	1	33.301	2220	68	19.00N	73	32.01E	68	46N	73	53E	625668	25069	197	37	22	55	ND		ND		ND		2.830
57	9	1	35.521	2221	68	10.30N	73	24.58E	68	37N	73	45E	625473	25070	197	31	23	4	ND		ND		ND		2.829
58	9	1	37.745	2224	68	1.58N	73	17.23E	68	28N	73	38E	625279	25070	197	25	23	13	ND		ND		ND		2.825
59	9	1	39.966	2220	67	52.87N	73	9.98E	68	19N	73	30E	625084	25070	197	20	23	22	ND		ND		ND		2.830
60	9	1	42.186	2220	67	44.16N	73	2.81E	68	11N	73	23E	624890	25071	197	14	23	30	ND		ND		ND		2.830
61	9	1	44.405	2220	67	35.44N	72	55.72E	68	2N	73	15E	624697	25071	197	9	23	39	ND		ND		ND		2.830
62	9	1	46.625	2220	67	26.72N	72	48.71E	67	53N	73	8E	624505	25072	197	3	23	48	ND		ND		ND		2.830
63	9	1	48.846	2220	67	17.99N	72	41.77E	67	45N	73	1E	624311	25072	196	58	23	57	ND		ND		ND		2.830
64	9	1	51.066	2221	67	9.25N	72	34.92E	67	36N	72	54E	624119	25073	196	52	24	6	ND		ND		ND		2.829
65	9	1	53.290	2224	67	0.50N	72	28.13E	67	27N	72	47E	623927	25073	196	47	24	14	ND		ND		ND		2.825
66	9	1	55.507	2216	66	51.77N	72	21.43E	67	18N	72	40E	623736	25074	196	42	24	23	ND		ND		ND		2.835
67	9	3	57.355	21849	58	47.05N	67	36.96E	59	14N	67	47E	613869	25097	193	23	32	26	ND		ND		ND		0.052
68	9	4	0.396	3040	58	34.86N	67	31.40E	59	1N	67	42E	613641	25098	193	19	32	38	ND		ND		ND		2.067
69	9	4	2.856	2461	58	24.99N	67	26.95E	58	52N	67	37E	613459	25098	193	16	32	48	ND		ND		ND		2.553
70	9	4	5.162	2306	58	15.74N	67	22.80E	58	42N	67	33E	613288	25099	193	14	32	57	ND		ND		ND		2.725
71	9	4	7.406	2244	58	6.74N	67	18.80E	58	33N	67	29E	613122	25099	193	11	33	6	ND		ND		ND		2.800
72	9	4	9.650	2244	57	57.73N	67	14.83E	58	24N	67	25E	612957	25099	193	9	33	15	ND		ND		ND		2.800
73	9	4	11.886	2235	57	48.76N	67	10.90E	58	15N	67	21E	612793	25100	193	7	33	24	ND		ND		ND		2.811
74	9	4	14.115	2230	57	39.81N	67	7.01E	58	6N	67	17E	612630	25100	193	4	33	32	ND		ND		ND		2.818
75	9	4	16.341	2225	57	30.87N	67	3.15E	57	57N	67	13E	612468	25101	193	2	33	41	ND		ND		ND		2.824
76	9	4	18.565	2225	57	21.94N	66	59.32E	57	48N	67	9E	612307	25101	193	0	33	50	ND		ND		ND		2.824
77	9	4	20.790	2225	57	13.00N	66	55.52E	57	40N	67	5E	612147	25101	192	57	33	59	ND		ND		ND		2.824
78	9	4	23.011	2220	57	4.08N	66	51.75E	57	31N	67	1E	611987	25102	192	55	34	8	ND		ND		ND		2.830
79	9	4	25.227	2216	56	55.18N	66	48.01E	57	22N	66	57E	611829	25102	192	53	34	16	ND		ND		ND		2.835
80	9	4	27.445	2219	56	46.26N	66	44.29E	57	13N	66	54E	611670	25103	192	51	34	25	ND		ND		ND		2.832
81	9	4	29.666	2221	56	37.33N	66	40.60E	57	4N	66	50E	611512	25103	192	49	34	34	ND		ND		ND		2.829
82	9	4	31.886	2219	56	28.41N	66	36.93E	56	55N	66	46E	611355	25103	192	47	34	43	ND		ND		ND		2.832
83	9	4	34.101	2215	56	19.50N	66	33.29E	56	46N	66	42E	611199	25104	192	44	34	51	ND		ND		ND		2.837
84	9	4	36.315	2215	56	10.60N	66	29.68E	56	37N	66	39E	611043	25104	192	42	35	0	ND		ND		ND		2.837
85	9	4	38.535	2220	56	1.67N	66	26.08E	56	28N	66	35E	610888	25104	192	40	35	9	ND		ND		ND		2.830
86	9	4	40.750	2215	55	52.76N	66	22.52E	56	19N	66	31E	610734	25105	192	38	35	18	ND		ND		ND		2.837
87	9	4	42.966	2215	55	43.84N	66	18.97E	56	10N	66	28E	610580	25105	192	36	35	27	ND		ND		ND		2.837
88	9	4	45.181	2215	55	34.93N	66	15.45E	56	1N	66	24E	610427	25106	192	34	35	35	ND		ND		ND		2.837
89	9	4	47.396	2215	55	26.01N	66	11.95E	55	53N	66	21E	610275	25106	192	32	35	44	ND		ND		ND		2.837
90	9	5	23.526	36131	53	0.37N	65	17.80E	53	27N	65	25E	607885	25112	192	3	38	6	ND		ND		ND		0.174

Approved For Release 2004/06/09 : CIA-RDP78T05439A000500140056-4

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
91	9	5	26.531	3005	52	48.24N	65	13.52E	53	15N	65	21E	607695	25112	192	1	38	18	ND		ND		ND		2.091
92	9	5	28.940	2409	52	38.52N	65	10.12E	53	5N	65	18E	607543	25113	191	59	38	28	ND		ND		ND		2.608
93	9	5	31.240	2300	52	29.23N	65	6.89E	52	56N	65	14E	607399	25113	191	57	38	37	ND		ND		ND		2.732
94	9	5	33.495	2255	52	20.13N	65	3.74E	52	47N	65	11E	607259	25113	191	56	38	46	ND		ND		ND		2.786
95	9	5	35.730	2235	52	11.10N	65	0.63E	52	38N	65	8E	607120	25114	191	54	38	55	ND		ND		ND		2.811
96	9	5	37.960	2230	52	2.10N	64	57.55E	52	29N	65	5E	606983	25114	191	53	39	3	ND		ND		ND		2.818
97	9	5	40.186	2225	51	53.11N	64	54.49E	52	20N	65	2E	606847	25114	191	51	39	12	ND		ND		ND		2.824
98	9	5	42.405	2220	51	44.14N	64	51.46E	52	11N	64	59E	606711	25115	191	50	39	21	ND		ND		ND		2.830
99	9	5	44.625	2220	51	35.17N	64	48.45E	52	2N	64	56E	606577	25115	191	48	39	30	ND		ND		ND		2.830
100	9	5	46.846	2220	51	26.19N	64	45.44E	51	53N	64	53E	606444	25115	191	47	39	38	ND		ND		ND		2.830
101	9	5	49.061	2215	51	17.24N	64	42.47E	51	44N	64	50E	606311	25116	191	45	39	47	ND		ND		ND		2.837
102	9	5	51.280	2220	51	8.27N	64	39.50E	51	35N	64	47E	606179	25116	191	44	39	56	ND		ND		ND		2.830
103	9	5	53.495	2215	50	59.32N	64	36.55E	51	26N	64	44E	606047	25116	191	42	40	4	ND		ND		ND		2.837
104	9	5	55.710	2215	50	50.36N	64	33.62E	51	17N	64	41E	605917	25117	191	41	40	13	ND		ND		ND		2.837
105	9	5	57.926	2215	50	41.40N	64	30.70E	51	8N	64	38E	605788	25117	191	40	40	22	ND		ND		ND		2.837
106	9	6	0.141	2215	50	32.44N	64	27.80E	50	59N	64	35E	605659	25117	191	38	40	31	ND		ND		ND		2.837
107	9	6	2.355	2215	50	23.48N	64	24.91E	50	50N	64	32E	605532	25117	191	37	40	39	ND		ND		ND		2.843
108	9	6	4.565	2210	50	14.55N	64	22.04E	50	41N	64	29E	605405	25118	191	35	40	48	ND		ND		ND		2.837
109	9	6	6.780	2215	50	5.58N	64	19.19E	50	32N	64	26E	605279	25118	191	34	40	57	ND		ND		ND		2.837
110	9	6	8.995	2215	49	56.62N	64	16.34E	50	23N	64	23E	605153	25118	191	33	41	5	ND		ND		ND		0.174
111	9	6	45.016	36020	47	30.74N	63	31.96E	47	57N	63	38E	603228	25123	191	13	43	27	ND		ND		ND		2.101
112	9	6	48.006	2990	47	18.62N	63	28.42E	47	45N	63	34E	603078	25123	191	11	43	38	ND		ND		ND		2.595
113	9	6	50.427	2421	47	8.80N	63	25.58E	47	35N	63	32E	602958	25124	191	10	43	48	ND		ND		ND		2.733
114	9	6	52.726	2299	46	59.48N	63	22.88E	47	26N	63	29E	602845	25124	191	9	43	57	ND		ND		ND		2.793
115	9	6	54.976	2250	46	50.36N	63	20.26E	47	17N	63	26E	602735	25124	191	8	44	6	ND		ND		ND		2.811
116	9	6	57.210	2235	46	41.30N	63	17.67E	47	8N	63	24E	602627	25125	191	7	44	14	ND		ND		ND		2.818
117	9	6	59.440	2230	46	32.25N	63	15.09E	46	59N	63	21E	602521	25125	191	6	44	23	ND		ND		ND		2.830
118	9	7	1.660	2220	46	23.24N	63	12.54E	46	50N	63	18E	602415	25125	191	5	44	32	ND		ND		ND		2.830
119	9	7	3.881	2220	46	14.24N	63	9.99E	46	41N	63	16E	602311	25125	191	4	44	40	ND		ND		ND		2.830
120	9	7	6.101	2220	46	5.23N	63	7.46E	46	32N	63	13E	602207	25126	191	3	44	49	ND		ND		ND		2.835
121	9	7	8.316	2216	45	56.24N	63	4.95E	46	23N	63	11E	602105	25126	191	2	44	58	ND		ND		ND		2.832
122	9	7	10.535	2219	45	47.24N	63	2.44E	46	14N	63	8E	602002	25126	191	1	45	6	ND		ND		ND		2.837
123	9	7	12.750	2215	45	38.25N	62	59.94E	46	5N	63	6E	601902	25126	191	0	45	15	ND		ND		ND		2.837
124	9	7	14.966	2215	45	29.25N	62	57.46E	45	56N	63	3E	601802	25127	190	59	45	24	ND		ND		ND		2.837
125	9	7	17.181	2215	45	20.26N	62	54.98E	45	47N	63	1E	601703	25127	190	58	45	32	ND		ND		ND		2.837
126	9	7	19.396	2215	45	11.27N	62	52.52E	45	38N	62	58E	601605	25127	190	57	45	41	ND		ND		ND		2.837
127	9	7	21.610	2215	45	2.28N	62	50.06E	45	29N	62	56E	601508	25127	190	56	45	50	ND		ND		ND		2.843
128	9	7	23.820	2210	44	53.31N	62	47.62E	45	20N	62	53E	601413	25128	190	55	45	58	ND		ND		ND		2.837
129	9	7	26.035	2215	44	44.32N	62	45.19E	45	11N	62	51E	601317	25128	190	54	46	7	ND		ND		ND		2.842
130	9	7	28.246	2211	44	35.34N	62	42.77E	45	2N	62	48E	601224	25128	190	53	46	16	ND		ND		ND		2.838
131	9	7	30.460	2214	44	26.35N	62	40.35E	44	53N	62	46E	601130	25128	190	52	46	24	ND		ND		ND		2.837
132	9	7	32.676	2215	44	17.35N	62	37.95E	44	44N	62	43E	601038	25129	190	51	46	33	ND		ND		ND		2.843
133	9	7	34.886	2210	44	8.37N	62	35.56E	44	35N	62	41E	600947	25129	190	50	46	41	ND		ND		ND		2.843
134	9	7	37.096	2210	43	59.39N	62	33.17E	44	26N	62	39E	600857	25129	190	49	46	50	ND		ND		ND		2.843
135	9	7	39.306	2210	43	50.42N	62	30.80E	44	17N	62	36E	600768	25129	190	49	46	59	ND		ND		ND		2.843

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	9	7	41.521	2215	43	41.42N	62	28.43E	44	8N	62	34E	600680	25129	190	48	47	7	ND		ND		ND		2.837
137	9	7	43.730	2210	43	32.44N	62	26.08E	43	59N	62	31E	600592	25130	190	47	47	16	ND		ND		ND		2.843
138	9	7	45.940	2210	43	23.46N	62	23.73E	43	50N	62	29E	600506	25130	190	46	47	25	ND		ND		ND		2.843
139	9	7	48.150	2210	43	14.48N	62	21.39E	43	41N	62	27E	600421	25130	190	45	47	33	ND		ND		ND		2.843
140	9	7	50.365	2215	43	5.47N	62	19.06E	43	32N	62	24E	600336	25130	190	44	47	42	ND		ND		ND		2.837
141	9	7	52.575	2210	42	56.49N	62	16.74E	43	23N	62	22E	600252	25131	190	43	47	50	ND		ND		ND		2.843
142	9	7	54.785	2210	42	47.51N	62	14.43E	43	14N	62	20E	600171	25131	190	43	47	59	ND		ND		ND		2.843
143	9	7	56.995	2210	42	38.52N	62	12.13E	43	5N	62	17E	600089	25131	190	42	48	7	ND		ND		ND		2.843
144	9	7	59.205	2210	42	29.54N	62	9.83E	42	56N	62	15E	600008	25131	190	41	48	16	ND		ND		ND		2.843
145	9	8	1.415	2210	42	20.55N	62	7.54E	42	47N	62	13E	599929	25131	190	40	48	25	ND		ND		ND		2.843
146	9	8	3.620	2205	42	11.59N	62	5.27E	42	38N	62	10E	599851	25132	190	39	48	33	ND		ND		ND		2.850
147	9	8	5.830	2210	42	2.60N	62	3.00E	42	29N	62	8E	599774	25132	190	39	48	42	ND		ND		ND		2.843
148	9	8	8.040	2210	41	53.61N	62	0.74E	42	20N	62	6E	599697	25132	190	38	48	50	ND		ND		ND		2.843
149	9	8	10.250	2210	41	44.63N	61	58.49E	42	11N	62	3E	599622	25132	190	37	48	59	ND		ND		ND		2.843
150	9	8	12.460	2210	41	35.64N	61	56.24E	42	2N	62	1E	599548	25132	190	36	49	7	ND		ND		ND		2.843
151	9	8	14.670	2210	41	26.65N	61	54.00E	41	53N	61	59E	599475	25132	190	36	49	16	ND		ND		ND		2.843
152	9	8	16.881	2210	41	17.65N	61	51.77E	41	44N	61	57E	599402	25133	190	35	49	25	ND		ND		ND		2.843
153	9	8	19.091	2210	41	8.66N	61	49.55E	41	35N	61	54E	599331	25133	190	34	49	33	ND		ND		ND		2.843
154	9	8	21.295	2205	40	59.70N	61	47.34E	41	26N	61	52E	599261	25133	190	33	49	42	ND		ND		ND		2.850
155	9	8	23.506	2210	40	50.70N	61	45.13E	41	17N	61	50E	599192	25133	190	33	49	50	ND		ND		ND		2.843
156	9	8	25.710	2205	40	41.73N	61	42.93E	41	8N	61	48E	599124	25133	190	32	49	59	ND		ND		ND		2.850
157	9	8	27.920	2210	40	32.74N	61	40.74E	40	59N	61	46E	599057	25134	190	31	50	7	ND		ND		ND		2.843
158	9	8	30.131	2210	40	23.74N	61	38.55E	40	50N	61	43E	598990	25134	190	31	50	16	ND		ND		ND		2.843
159	9	8	32.335	2205	40	14.77N	61	36.38E	40	41N	61	41E	598925	25134	190	30	50	24	ND		ND		ND		2.850
160	9	8	34.545	2210	40	5.77N	61	34.21E	40	32N	61	39E	598862	25134	190	29	50	33	ND		ND		ND		2.843
161	9	8	36.756	2210	39	56.77N	61	32.04E	40	23N	61	37E	598799	25134	190	29	50	41	ND		ND		ND		2.843
162	9	8	38.960	2205	39	47.80N	61	29.89E	40	14N	61	35E	598737	25134	190	28	50	50	ND		ND		ND		2.850
163	9	8	41.170	2210	39	38.80N	61	27.74E	40	5N	61	32E	598677	25135	190	27	50	58	ND		ND		ND		2.843
164	9	8	43.375	2205	39	29.83N	61	25.60E	39	56N	61	30E	598617	25135	190	27	51	7	ND		ND		ND		2.850
165	9	8	45.585	2210	39	20.83N	61	23.46E	39	47N	61	28E	598558	25135	190	26	51	15	ND		ND		ND		2.843
166	9	8	47.795	2210	39	11.83N	61	21.33E	39	38N	61	26E	598501	25135	190	25	51	24	ND		ND		ND		2.843
167	9	8	50.006	2210	39	2.82N	61	19.21E	39	29N	61	24E	598444	25135	190	25	51	32	ND		ND		ND		2.843
168	9	8	52.216	2210	38	53.82N	61	17.09E	39	20N	61	22E	598388	25135	190	24	51	41	ND		ND		ND		2.843
169	9	8	54.422	2206	38	44.84N	61	14.99E	39	11N	61	20E	598335	25135	190	23	51	49	ND		ND		ND		2.848
170	9	8	56.631	2209	38	35.84N	61	12.88E	39	2N	61	17E	598282	25136	190	23	51	58	ND		ND		ND		2.844
171	9	8	58.836	2206	38	26.86N	61	10.79E	38	53N	61	15E	598230	25136	190	22	52	6	ND		ND		ND		2.848
172	9	9	1.045	2209	38	17.86N	61	8.70E	38	44N	61	13E	598178	25136	190	21	52	15	ND		ND		ND		2.844
173	9	9	3.256	2210	38	8.86N	61	6.61E	38	35N	61	11E	598129	25136	190	21	52	23	ND		ND		ND		2.843
174	9	9	5.466	2210	37	59.85N	61	4.54E	38	26N	61	9E	598080	25136	190	20	52	32	ND		ND		ND		2.843
175	9	9	7.670	2205	37	50.87N	61	2.47E	38	17N	61	7E	598032	25136	190	20	52	40	ND		ND		ND		2.850
176	9	9	9.876	2206	37	41.88N	61	0.41E	38	8N	61	5E	597985	25136	190	19	52	49	ND		ND		ND		2.848
177	9	9	12.091	2214	37	32.86N	60	58.34E	37	59N	61	3E	597940	25136	190	18	52	57	ND		ND		ND		2.838
178	9	9	14.295	2205	37	23.88N	60	56.29E	37	50N	61	1E	597896	25137	190	18	53	6	ND		ND		ND		2.850
179	9	9	16.501	2206	37	14.89N	60	54.25E	37	41N	60	59E	597853	25137	190	17	53	14	ND		ND		ND		2.848
180	9	9	18.710	2209	37	5.88N	60	52.21E	37	32N	60	57E	597810	25137	190	17	53	23	ND		ND		ND		2.844

HANDLE VIA
TALENT-KEYHOLE
CONTROL ONLY

TOP SECRET
SPECIAL HANDLING REQUIRED

TCS 84870-65

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
181	9	9	20.920	2210	36	56.88N	60	50.17E	37	23N	60	54E	597770	25137	190	16	53	31	ND		ND		ND		2.843
182	9	9	23.132	2211	36	47.86N	60	48.14E	37	14N	60	52E	597730	25137	190	16	53	40	ND		ND		ND		2.842
183	9	9	25.341	2209	36	38.85N	60	46.11E	37	5N	60	50E	597691	25137	190	15	53	48	ND		ND		ND		2.844

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
1	10	28	1.153	0	77	14.20N	64	10.78E	77	39N	65	11E	638109	25040	208	49	13	35	ND		ND		ND		1.978
2	10	28	4.330	3177	77	2.76N	63	42.76E	77	28N	64	41E	637813	25040	208	23	13	48	ND		ND		ND		1.978
3	10	28	6.886	2555	76	53.52N	63	20.79E	77	19N	64	18E	637574	25041	208	3	13	58	ND		ND		ND		2.459
4	10	28	9.271	2385	76	44.88N	63	0.72E	77	10N	63	56E	637353	25041	207	44	14	7	ND		ND		ND		2.634
5	10	28	11.585	2315	76	36.46N	62	41.65E	77	2N	63	36E	637138	25042	207	27	14	16	ND		ND		ND		2.714
6	10	28	13.870	2285	76	28.13N	62	23.18E	76	53N	63	16E	636926	25042	207	10	14	26	ND		ND		ND		2.750
7	10	28	16.137	2266	76	19.85N	62	5.21E	76	45N	62	57E	636715	25043	206	54	14	35	ND		ND		ND		2.773
8	10	28	18.396	2260	76	11.57N	61	47.64E	76	37N	62	39E	636505	25043	206	38	14	44	ND		ND		ND		2.780
9	10	28	20.655	2259	76	3.28N	61	30.40E	76	29N	62	21E	636296	25044	206	22	14	52	ND		ND		ND		2.781
10	10	28	22.910	2255	75	54.98N	61	13.52E	76	20N	62	3E	636087	25044	206	7	15	1	ND		ND		ND		2.786
11	10	28	25.160	2250	75	46.68N	60	56.98E	76	12N	61	45E	635879	25045	205	52	15	10	ND		ND		ND		2.793
12	10	28	27.406	2246	75	38.38N	60	40.77E	76	4N	61	28E	635671	25045	205	37	15	19	ND		ND		ND		2.798
13	10	28	29.651	2245	75	30.06N	60	24.86E	75	56N	61	11E	635463	25046	205	23	15	28	ND		ND		ND		2.799
14	10	28	31.900	2249	75	21.72N	60	9.21E	75	47N	60	55E	635256	25046	205	9	15	37	ND		ND		ND		2.794
15	10	28	34.146	2245	75	13.37N	59	53.86E	75	39N	60	39E	635049	25047	204	55	15	46	ND		ND		ND		2.799
16	10	28	36.391	2245	75	5.01N	59	38.78E	75	31N	60	23E	634841	25047	204	42	15	55	ND		ND		ND		2.799
17	10	28	38.636	2245	74	56.63N	59	23.97E	75	22N	60	7E	634635	25048	204	28	16	4	ND		ND		ND		2.799
18	10	28	40.875	2240	74	48.26N	59	9.44E	75	14N	59	52E	634429	25048	204	15	16	13	ND		ND		ND		2.805
19	10	28	43.115	2240	74	39.87N	58	55.16E	75	6N	59	37E	634223	25049	204	3	16	22	ND		ND		ND		2.805
20	10	28	45.355	2240	74	31.46N	58	41.12E	74	57N	59	22E	634017	25049	203	50	16	31	ND		ND		ND		2.805
21	10	28	47.596	2240	74	23.05N	58	27.32E	74	49N	59	7E	633811	25050	203	38	16	40	ND		ND		ND		2.805
22	10	28	49.835	2240	74	14.62N	58	13.75E	74	40N	58	53E	633605	25050	203	26	16	48	ND		ND		ND		2.805
23	10	28	52.070	2235	74	6.20N	58	0.43E	74	32N	58	39E	633400	25051	203	14	16	57	ND		ND		ND		2.811
24	10	28	54.311	2240	73	57.74N	57	47.30E	74	24N	58	25E	633196	25051	203	3	17	6	ND		ND		ND		2.805
25	10	28	56.545	2235	73	49.29N	57	34.41E	74	15N	58	12E	632991	25052	202	52	17	15	ND		ND		ND		2.811
26	10	28	58.780	2235	73	40.83N	57	21.73E	74	7N	57	58E	632787	25052	202	40	17	24	ND		ND		ND		2.811
27	10	29	1.016	2235	73	32.36N	57	9.25E	73	58N	57	45E	632583	25052	202	30	17	33	ND		ND		ND		2.811
28	10	29	3.250	2235	73	23.88N	56	56.97E	73	50N	57	32E	632379	25053	202	19	17	42	ND		ND		ND		2.811
29	10	29	5.485	2235	73	15.38N	56	44.88E	73	41N	57	20E	632175	25053	202	8	17	51	ND		ND		ND		2.811
30	10	29	7.721	2235	73	6.88N	56	32.97E	73	33N	57	7E	631971	25054	201	58	18	0	ND		ND		ND		2.811
31	10	29	9.950	2230	72	58.38N	56	21.28E	73	24N	56	55E	631769	25054	201	48	18	8	ND		ND		ND		2.818
32	10	29	12.186	2235	72	49.86N	56	9.74E	73	16N	56	43E	631566	25055	201	38	18	17	ND		ND		ND		2.811
33	10	29	14.415	2230	72	41.34N	55	58.40E	73	7N	56	31E	631363	25055	201	28	18	26	ND		ND		ND		2.818
34	10	29	16.650	2235	72	32.80N	55	47.20E	72	59N	56	19E	631160	25056	201	19	18	35	ND		ND		ND		2.811
35	10	29	18.886	2235	72	24.24N	55	36.17E	72	50N	56	8E	630959	25056	201	9	18	44	ND		ND		ND		2.811
36	10	29	21.115	2230	72	15.70N	55	25.33E	72	42N	55	56E	630757	25057	201	0	18	53	ND		ND		ND		2.818
37	10	29	23.346	2230	72	7.14N	55	14.64E	72	33N	55	45E	630555	25057	200	51	19	2	ND		ND		ND		2.818
38	10	29	25.580	2235	71	58.56N	55	4.09E	72	25N	55	34E	630353	25058	200	42	19	10	ND		ND		ND		2.811
39	10	29	27.811	2230	71	49.99N	54	53.71E	72	16N	55	23E	630153	25058	200	33	19	19	ND		ND		ND		2.818
40	10	29	30.040	2230	71	41.41N	54	43.48E	72	8N	55	13E	629952	25059	200	24	19	28	ND		ND		ND		2.818
41	10	29	32.271	2230	71	32.82N	54	33.39E	71	59N	55	2E	629752	25059	200	16	19	37	ND		ND		ND		2.818
42	10	29	34.506	2235	71	24.20N	54	23.43E	71	51N	54	52E	629550	25060	200	7	19	46	ND		ND		ND		2.811
43	10	29	36.735	2230	71	15.60N	54	13.62E	71	42N	54	42E	629350	25060	199	59	19	55	ND		ND		ND		2.818
44	10	29	38.966	2230	71	6.99N	54	3.95E	71	33N	54	31E	629150	25061	199	51	20	4	ND		ND		ND		2.818
45	10	29	41.195	2230	70	58.37N	53	54.42E	71	25N	54	22E	628951	25061	199	43	20	12	ND		ND		ND		2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	10	29	43.426	2230	70	49.74N	53	45.00E	71	16N	54	12E	628752	25062	199	35	20	21	ND		ND		ND		2.818
47	10	29	45.655	2230	70	41.11N	53	35.72E	71	7N	54	2E	628553	25062	199	28	20	30	ND		ND		ND		2.818
48	10	29	47.882	2226	70	32.48N	53	26.58E	70	59N	53	53E	628354	25062	199	20	20	39	ND		ND		ND		2.823
49	10	29	50.110	2229	70	23.84N	53	17.55E	70	50N	53	43E	628156	25063	199	13	20	48	ND		ND		ND		2.819
50	10	29	52.341	2230	70	15.18N	53	8.63E	70	42N	53	34E	627958	25063	199	5	20	57	ND		ND		ND		2.818
51	10	29	54.570	2230	70	6.52N	52	59.83E	70	33N	53	25E	627760	25064	198	58	21	6	ND		ND		ND		2.818
52	10	29	56.795	2225	69	57.88N	52	51.16E	70	24N	53	16E	627563	25064	198	51	21	14	ND		ND		ND		2.824
53	10	29	59.025	2230	69	49.20N	52	42.58E	70	16N	53	7E	627365	25065	198	44	21	23	ND		ND		ND		2.818
54	10	30	1.256	2230	69	40.52N	52	34.11E	70	7N	52	58E	627168	25065	198	37	21	32	ND		ND		ND		2.818
55	10	30	3.480	2225	69	31.85N	52	25.77E	69	58N	52	49E	626972	25066	198	30	21	41	ND		ND		ND		2.824
56	10	30	5.705	2225	69	23.18N	52	17.53E	69	50N	52	41E	626776	25066	198	23	21	50	ND		ND		ND		2.824
57	10	30	7.932	2226	69	14.49N	52	9.39E	69	41N	52	32E	626580	25067	198	17	21	59	ND		ND		ND		2.823
58	10	30	10.160	2229	69	5.80N	52	1.34E	69	32N	52	24E	626384	25067	198	10	22	8	ND		ND		ND		2.819
59	10	30	12.386	2225	68	57.10N	51	53.40E	69	24N	52	16E	626189	25068	198	4	22	16	ND		ND		ND		2.824
60	10	30	14.610	2225	68	48.41N	51	45.56E	69	15N	52	7E	625994	25068	197	58	22	25	ND		ND		ND		2.824
61	10	30	16.841	2230	68	39.69N	51	37.80E	69	6N	51	59E	625799	25069	197	52	22	34	ND		ND		ND		2.818
62	10	30	19.065	2225	68	30.98N	51	30.14E	68	57N	51	52E	625605	25069	197	45	22	43	ND		ND		ND		2.824
63	10	30	21.290	2225	68	22.27N	51	22.58E	68	49N	51	44E	625411	25069	197	39	22	52	ND		ND		ND		2.824
64	10	30	23.516	2225	68	13.55N	51	15.10E	68	40N	51	36E	625217	25070	197	34	23	1	ND		ND		ND		2.824
65	10	30	25.740	2225	68	4.83N	51	7.72E	68	31N	51	28E	625024	25070	197	28	23	9	ND		ND		ND		2.824
66	10	30	27.966	2225	67	56.10N	51	0.41E	68	23N	51	21E	624831	25071	197	22	23	18	ND		ND		ND		2.824
67	10	30	30.190	2225	67	47.37N	50	53.20E	68	14N	51	13E	624639	25071	197	16	23	27	ND		ND		ND		2.824
68	10	30	32.415	2225	67	38.63N	50	46.06E	68	5N	51	6E	624446	25072	197	11	23	36	ND		ND		ND		2.824
69	10	30	34.641	2225	67	29.89N	50	39.00E	67	56N	50	59E	624254	25072	197	5	23	45	ND		ND		ND		2.824
70	10	30	36.865	2225	67	21.15N	50	32.03E	67	48N	50	51E	624063	25073	197	0	23	54	ND		ND		ND		2.824
71	10	30	39.091	2225	67	12.39N	50	25.12E	67	39N	50	44E	623871	25073	196	55	24	2	ND		ND		ND		2.824
72	10	30	41.312	2221	67	3.66N	50	18.31E	67	30N	50	37E	623680	25074	196	49	24	11	ND		ND		ND		2.829
73	10	30	43.535	2224	66	54.90N	50	11.57E	67	21N	50	30E	623491	25074	196	44	24	20	ND		ND		ND		2.825
74	10	30	45.761	2225	66	46.14N	50	4.89E	67	13N	50	23E	623300	25074	196	39	24	29	ND		ND		ND		2.824
75	10	30	47.980	2220	66	37.39N	49	58.30E	67	4N	50	16E	623110	25075	196	34	24	38	ND		ND		ND		2.830
76	10	30	50.200	2220	66	28.64N	49	51.79E	66	55N	50	10E	622921	25075	196	29	24	47	ND		ND		ND		2.830
77	10	30	52.421	2221	66	19.88N	49	45.34E	66	46N	50	3E	622733	25076	196	24	24	55	ND		ND		ND		2.829
78	10	30	54.646	2224	66	11.10N	49	38.94E	66	38N	49	56E	622545	25076	196	19	25	4	ND		ND		ND		2.825
79	10	30	56.870	2225	66	2.32N	49	32.62E	66	29N	49	50E	622356	25077	196	15	25	13	ND		ND		ND		2.824
80	10	30	59.091	2220	65	53.55N	49	26.37E	66	20N	49	43E	622168	25077	196	10	25	22	ND		ND		ND		2.830
81	10	31	1.311	2220	65	44.78N	49	20.18E	66	11N	49	37E	621981	25078	196	5	25	31	ND		ND		ND		2.830
82	10	31	3.530	2220	65	36.00N	49	14.06E	66	3N	49	31E	621794	25078	196	1	25	39	ND		ND		ND		2.830
83	10	31	5.756	2225	65	27.20N	49	7.99E	65	54N	49	24E	621607	25078	195	56	25	48	ND		ND		ND		2.824
84	10	31	7.976	2220	65	18.42N	49	1.99E	65	45N	49	18E	621421	25079	195	52	25	57	ND		ND		ND		2.830
85	10	31	10.195	2220	65	9.64N	48	56.05E	65	36N	49	12E	621236	25079	195	47	26	6	ND		ND		ND		2.830
86	10	31	12.415	2220	65	0.85N	48	50.18E	65	27N	49	6E	621051	25080	195	43	26	15	ND		ND		ND		2.830
87	10	31	14.636	2220	64	52.05N	48	44.35E	65	19N	49	0E	620866	25080	195	39	26	23	ND		ND		ND		2.830
88	10	31	16.855	2220	64	43.26N	48	38.59E	65	10N	48	54E	620681	25081	195	34	26	32	ND		ND		ND		2.830
89	10	31	19.075	2220	64	34.46N	48	32.88E	65	1N	48	48E	620498	25081	195	30	26	41	ND		ND		ND		2.830
90	10	31	21.301	2225	64	25.63N	48	27.22E	64	52N	48	42E	620312	25082	195	26	26	50	ND		ND		ND		2.824

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
91	10	31	23.521	2220	64	16.83N	48	21.62E	64	43N	48	37E	620130	25082	195	22	26	59	ND	ND	ND	2.830
92	10	31	25.741	2221	64	8.02N	48	16.07E	64	35N	48	31E	619947	25082	195	18	27	8	ND	ND	ND	2.829
93	10	31	27.966	2224	63	59.18N	48	10.57E	64	26N	48	25E	619764	25083	195	14	27	16	ND	ND	ND	2.825
94	10	31	30.186	2220	63	50.37N	48	5.13E	64	17N	48	20E	619582	25083	195	10	27	25	ND	ND	ND	2.830
95	10	31	32.405	2220	63	41.55N	47	59.74E	64	8N	48	14E	619401	25084	195	7	27	34	ND	ND	ND	2.830
96	10	31	34.625	2220	63	32.73N	47	54.40E	63	59N	48	9E	619220	25084	195	3	27	43	ND	ND	ND	2.830
97	10	31	36.846	2220	63	23.91N	47	49.10E	63	51N	48	3E	619039	25085	194	59	27	52	ND	ND	ND	2.830
98	10	31	39.065	2220	63	15.08N	47	43.86E	63	42N	47	58E	618859	25085	194	55	28	0	ND	ND	ND	2.830
99	10	31	41.285	2220	63	6.25N	47	38.66E	63	33N	47	53E	618679	25085	194	52	28	9	ND	ND	ND	2.830
100	10	31	43.501	2216	62	57.43N	47	33.52E	63	24N	47	47E	618500	25086	194	48	28	18	ND	ND	ND	2.835
101	10	31	45.721	2219	62	48.60N	47	28.42E	63	15N	47	42E	618322	25086	194	45	28	27	ND	ND	ND	2.832
102	10	31	47.940	2220	62	39.76N	47	23.36E	63	6N	47	37E	618142	25087	194	41	28	36	ND	ND	ND	2.830
103	10	31	50.160	2220	62	30.92N	47	18.35E	62	58N	47	32E	617965	25087	194	38	28	44	ND	ND	ND	2.830
104	10	31	52.375	2215	62	22.10N	47	13.39E	62	49N	47	27E	617788	25088	194	34	28	53	ND	ND	ND	2.837
105	10	31	54.596	2220	62	13.25N	47	8.46E	62	40N	47	21E	617611	25088	194	31	29	2	ND	ND	ND	2.830
106	10	31	56.815	2220	62	4.40N	47	3.57E	62	31N	47	16E	617434	25088	194	27	29	11	ND	ND	ND	2.830
107	10	31	59.035	2220	61	55.55N	46	58.73E	62	22N	47	12E	617259	25089	194	24	29	20	ND	ND	ND	2.830
108	10	32	1.250	2215	61	46.72N	46	53.94E	62	13N	47	7E	617084	25089	194	21	29	28	ND	ND	ND	2.837
109	10	32	3.471	2220	61	37.86N	46	49.18E	62	4N	47	2E	616908	25090	194	18	29	37	ND	ND	ND	2.830
110	10	32	5.690	2220	61	29.00N	46	44.45E	61	56N	46	57E	616734	25090	194	14	29	46	ND	ND	ND	2.830
111	10	32	7.905	2215	61	20.16N	46	39.78E	61	47N	46	52E	616560	25091	194	11	29	55	ND	ND	ND	2.837
112	10	32	10.120	2215	61	11.32N	46	35.15E	61	38N	46	47E	616387	25091	194	8	30	3	ND	ND	ND	2.837
113	10	32	12.341	2220	61	2.45N	46	30.54E	61	29N	46	43E	616214	25091	194	5	30	12	ND	ND	ND	2.830
114	10	32	14.561	2220	60	53.58N	46	25.97E	61	20N	46	38E	616041	25092	194	2	30	21	ND	ND	ND	2.830
115	10	32	16.775	2215	60	44.73N	46	21.45E	61	11N	46	33E	615870	25092	193	59	30	30	ND	ND	ND	2.837
116	10	32	18.995	2220	60	35.86N	46	16.95E	61	2N	46	29E	615698	25093	193	56	30	39	ND	ND	ND	2.830
117	10	32	21.210	2215	60	27.01N	46	12.50E	60	54N	46	24E	615527	25093	193	53	30	47	ND	ND	ND	2.837
118	10	32	23.431	2220	60	18.13N	46	8.07E	60	45N	46	20E	615357	25093	193	50	30	56	ND	ND	ND	2.830
119	10	32	25.646	2215	60	9.27N	46	3.69E	60	36N	46	15E	615187	25094	193	48	31	5	ND	ND	ND	2.837
120	10	32	27.865	2220	60	0.39N	45	59.34E	60	27N	46	11E	615018	25094	193	45	31	14	ND	ND	ND	2.830
121	10	33	5.091	37225	57	31.16N	44	50.96E	57	58N	45	1E	612258	25101	193	2	33	41	ND	ND	ND	0.169
122	10	33	8.115	3025	57	19.02N	44	45.76E	57	46N	44	55E	612041	25101	192	59	33	53	ND	ND	ND	2.077
123	10	33	10.556	2440	57	9.21N	44	41.59E	57	36N	44	51E	611867	25102	192	57	34	3	ND	ND	ND	2.575
124	10	33	12.855	2300	56	59.97N	44	37.70E	57	26N	44	47E	611703	25102	192	54	34	12	ND	ND	ND	2.732
125	10	33	15.115	2260	56	50.89N	44	33.90E	57	17N	44	43E	611543	25103	192	52	34	21	ND	ND	ND	2.780
126	10	33	17.360	2245	56	41.87N	44	30.15E	57	8N	44	39E	611384	25103	192	50	34	30	ND	ND	ND	2.799
127	10	33	19.591	2230	56	32.90N	44	26.45E	56	59N	44	36E	611228	25103	192	48	34	38	ND	ND	ND	2.818
128	10	33	21.816	2226	56	23.95N	44	22.79E	56	50N	44	32E	611071	25104	192	46	34	47	ND	ND	ND	2.823
129	10	33	24.040	2224	56	15.01N	44	19.15E	56	42N	44	28E	610916	25104	192	44	34	56	ND	ND	ND	2.825
130	10	33	26.266	2225	56	6.06N	44	15.53E	56	33N	44	25E	610763	25104	192	41	35	5	ND	ND	ND	2.824
131	10	33	28.490	2225	55	57.11N	44	11.93E	56	24N	44	21E	610609	25105	192	39	35	13	ND	ND	ND	2.824
132	10	33	30.710	2220	55	48.18N	44	8.37E	56	15N	44	17E	610456	25105	192	37	35	22	ND	ND	ND	2.830
133	10	33	32.931	2220	55	39.24N	44	4.83E	56	6N	44	14E	610303	25106	192	35	35	31	ND	ND	ND	2.830
134	10	33	35.150	2220	55	30.31N	44	1.31E	55	57N	44	10E	610152	25106	192	33	35	40	ND	ND	ND	2.830
135	10	33	37.370	2220	55	21.37N	43	57.82E	55	48N	44	6E	610001	25106	192	31	35	49	ND	ND	ND	2.830

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
136	10	33	39.585	2215	55	12.45N	43	54.35E	55	39N	44	3E	609851	25107	192 29	35 57	ND	ND	ND	2.837
137	10	33	41.806	2220	55	3.51N	43	50.90E	55	30N	43	59E	609701	25107	192 28	36 6	ND	ND	ND	2.830
138	10	33	44.021	2216	54	54.58N	43	47.47E	55	21N	43	56E	609553	25107	192 26	36 15	ND	ND	ND	2.835
139	10	33	46.240	2219	54	45.65N	43	44.06E	55	12N	43	52E	609405	25108	192 24	36 24	ND	ND	ND	2.832
140	10	33	48.455	2215	54	36.72N	43	40.68E	55	3N	43	49E	609257	25108	192 22	36 32	ND	ND	ND	2.837
141	10	33	50.670	2215	54	27.80N	43	37.32E	54	54N	43	46E	609111	25108	192 20	36 41	ND	ND	ND	2.837
142	10	33	52.891	2220	54	18.85N	43	33.97E	54	45N	43	42E	608965	25109	192 18	36 50	ND	ND	ND	2.830
143	10	45	9.905	77015	8	18.75N	33	14.32E	8	46N	33	17E	613621	25102	189 30	76 13	ND	ND	ND	0.009
144	10	45	13.016	3110	8	6.01N	33	12.18E	8	33N	33	15E	613927	25101	189 30	76 18	ND	ND	ND	2.020
145	10	45	15.530	2515	7	55.72N	33	10.45E	8	23N	33	13E	614176	25101	189 30	76 22	ND	ND	ND	2.498
146	10	45	17.886	2355	7	46.08N	33	8.83E	8	13N	33	12E	614412	25100	189 30	76 26	ND	ND	ND	2.668
147	10	45	20.181	2295	7	36.68N	33	7.26E	8	4N	33	10E	614643	25100	189 30	76 29	ND	ND	ND	2.738
148	10	45	22.445	2265	7	27.41N	33	5.70E	7	54N	33	9E	614872	25099	189 30	76 32	ND	ND	ND	2.774
149	10	45	24.705	2260	7	18.16N	33	4.15E	7	45N	33	7E	615102	25099	189 30	76 36	ND	ND	ND	2.780
150	10	45	26.956	2251	7	8.95N	33	2.61E	7	36N	33	5E	615334	25098	189 30	76 39	ND	ND	ND	2.791
151	10	45	29.205	2249	6	59.74N	33	1.07E	7	27N	33	4E	615566	25098	189 30	76 42	ND	ND	ND	2.794
152	10	45	31.450	2245	6	50.55N	32	59.53E	7	18N	33	2E	615799	25097	189 30	76 45	ND	ND	ND	2.799
153	10	45	33.695	2245	6	41.36N	32	57.99E	7	8N	33	1E	616034	25096	189 30	76 48	ND	ND	ND	2.799
154	10	45	35.945	2250	6	32.15N	32	56.45E	6	59N	32	59E	616270	25096	189 29	76 50	ND	ND	ND	2.793
155	10	45	38.186	2240	6	22.98N	32	54.92E	6	50N	32	58E	616508	25095	189 29	76 53	ND	ND	ND	2.805
156	10	45	40.431	2245	6	13.79N	32	53.39E	6	41N	32	56E	616747	25095	189 29	76 56	ND	ND	ND	2.799
157	10	45	42.676	2245	6	4.60N	32	51.85E	6	32N	32	55E	616988	25094	189 29	76 58	ND	ND	ND	2.799
158	10	45	44.920	2245	5	55.42N	32	50.32E	6	22N	32	53E	617230	25094	189 29	77 1	ND	ND	ND	2.799
159	10	45	47.160	2240	5	46.25N	32	48.79E	6	13N	32	52E	617473	25093	189 29	77 3	ND	ND	ND	2.805
160	10	45	49.405	2245	5	37.06N	32	47.25E	6	4N	32	50E	617718	25093	189 29	77 5	ND	ND	ND	2.799
161	10	45	51.646	2240	5	27.89N	32	45.72E	5	55N	32	49E	617964	25092	189 29	77 7	ND	ND	ND	2.805
162	10	45	53.891	2245	5	18.70N	32	44.19E	5	46N	32	47E	618212	25091	189 29	77 9	ND	ND	ND	2.799
163	10	45	56.131	2240	5	9.53N	32	42.66E	5	37N	32	46E	618461	25091	189 29	77 11	ND	ND	ND	2.805
164	10	45	58.375	2245	5	0.35N	32	41.13E	5	27N	32	44E	618712	25090	189 29	77 12	ND	ND	ND	2.799
165	10	46	0.620	2245	4	51.16N	32	39.60E	5	18N	32	42E	618964	25090	189 29	77 14	ND	ND	ND	2.799
166	10	46	2.861	2241	4	41.99N	32	38.08E	5	9N	32	41E	619217	25089	189 29	77 16	ND	ND	ND	2.804
167	10	46	5.105	2244	4	32.80N	32	36.55E	5	0N	32	39E	619473	25089	189 29	77 17	ND	ND	ND	2.800
168	10	46	7.346	2240	4	23.63N	32	35.02E	4	51N	32	38E	619729	25088	189 29	77 18	ND	ND	ND	2.805
169	10	46	9.591	2245	4	14.45N	32	33.49E	4	42N	32	36E	619986	25087	189 29	77 20	ND	ND	ND	2.799
170	10	46	11.835	2245	4	5.26N	32	31.96E	4	32N	32	35E	620246	25087	189 29	77 21	ND	ND	ND	2.799
171	10	46	14.080	2245	3	56.08N	32	30.44E	4	23N	32	33E	620507	25086	189 29	77 22	ND	ND	ND	2.799
172	10	46	16.325	2245	3	46.89N	32	28.91E	4	14N	32	32E	620770	25086	189 29	77 23	ND	ND	ND	2.799
173	10	46	18.570	2245	3	37.70N	32	27.38E	4	5N	32	30E	621034	25085	189 29	77 23	ND	ND	ND	2.799
174	10	46	20.815	2245	3	28.52N	32	25.85E	3	56N	32	29E	621299	25084	189 29	77 24	ND	ND	ND	2.799
175	10	46	23.061	2245	3	19.33N	32	24.33E	3	47N	32	27E	621566	25084	189 29	77 25	ND	ND	ND	2.799
176	10	46	25.306	2245	3	10.14N	32	22.80E	3	37N	32	26E	621834	25083	189 29	77 25	ND	ND	ND	2.799
177	10	46	27.556	2250	3	0.94N	32	21.27E	3	28N	32	24E	622105	25082	189 29	77 25	ND	ND	ND	2.793
178	10	46	29.801	2245	2	51.75N	32	19.75E	3	19N	32	23E	622376	25082	189 29	77 26	ND	ND	ND	2.799
179	10	46	32.046	2246	2	42.56N	32	18.22E	3	10N	32	21E	622649	25081	189 29	77 26	ND	ND	ND	2.798
180	10	46	34.295	2249	2	33.36N	32	16.69E	3	1N	32	20E	622923	25081	189 29	77 26	ND	ND	ND	2.794

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
181	10	46	36.545	2250	2	24.16N	32	15.16E	2	51N	32	18E	623199	25080	189	29	77	26	ND		ND		ND		2.793
182	10	46	38.795	2250	2	14.95N	32	13.64E	2	42N	32	17E	623477	25079	189	29	77	26	ND		ND		ND		2.793
183	10	46	41.040	2245	2	5.77N	32	12.11E	2	33N	32	15E	623755	25079	189	29	77	25	ND		ND		ND		2.799
184	10	46	43.290	2250	1	56.56N	32	10.58E	2	24N	32	13E	624035	25078	189	29	77	25	ND		ND		ND		2.793
185	10	46	45.540	2250	1	47.36N	32	9.06E	2	15N	32	12E	624317	25077	189	29	77	24	ND		ND		ND		2.793
186	10	46	47.795	2255	1	38.13N	32	7.53E	2	6N	32	10E	624601	25077	189	29	77	24	ND		ND		ND		2.786
187	10	46	50.045	2250	1	28.93N	32	6.00E	1	56N	32	9E	624886	25076	189	29	77	23	ND		ND		ND		2.793
188	10	46	52.295	2250	1	19.73N	32	4.47E	1	47N	32	7E	625171	25075	189	29	77	22	ND		ND		ND		2.793
189	10	46	54.551	2255	1	10.50N	32	2.94E	1	38N	32	6E	625460	25075	189	29	77	21	ND		ND		ND		2.786
190	10	46	56.806	2255	1	1.27N	32	1.41E	1	29N	32	4E	625749	25074	189	29	77	20	ND		ND		ND		2.786
191	10	46	59.057	2251	0	52.07N	31	59.88E	1	20N	32	3E	626040	25073	189	29	77	19	ND		ND		ND		2.791
192	10	47	1.311	2254	0	42.85N	31	58.36E	1	10N	32	1E	626332	25073	189	29	77	17	ND		ND		ND		2.788
193	10	47	3.565	2255	0	33.63N	31	56.83E	1	1N	32	0E	626626	25072	189	29	77	16	ND		ND		ND		2.786
194	10	47	5.820	2255	0	24.40N	31	55.30E	0	52N	31	58E	626921	25071	189	29	77	14	ND		ND		ND		2.786
195	10	47	8.075	2255	0	15.19N	31	53.77E	0	43N	31	57E	627218	25071	189	29	77	13	ND		ND		ND		2.786
196	10	47	10.335	2260	0	5.94N	31	52.23E	0	33N	31	55E	627517	25070	189	29	77	11	ND		ND		ND		2.780
197	10	47	12.591	2255	0	3.30S	31	50.70E	0	24N	31	54E	627817	25069	189	29	77	9	ND		ND		ND		2.786
198	10	47	14.851	2260	0	12.54S	31	49.17E	0	15N	31	52E	628118	25069	189	29	77	7	ND		ND		ND		2.780
199	10	47	17.110	2260	0	21.77S	31	47.64E	0	6N	31	51E	628422	25068	189	29	77	5	ND		ND		ND		2.780
200	10	47	19.370	2260	0	31.01S	31	46.11E	0	3S	31	49E	628726	25067	189	29	77	3	ND		ND		ND		2.780
201	10	47	21.632	2261	0	40.26S	31	44.57E	0	13S	31	47E	629032	25066	189	29	77	1	ND		ND		ND		2.779
202	10	47	23.896	2264	0	49.52S	31	43.04E	0	22S	31	46E	629340	25066	189	29	76	58	ND		ND		ND		2.775
203	10	47	26.160	2265	0	58.77S	31	41.50E	0	31S	31	44E	629649	25065	189	29	76	56	ND		ND		ND		2.774
204	10	47	28.426	2265	1	8.04S	31	39.96E	0	40S	31	43E	629960	25064	189	29	76	53	ND		ND		ND		2.774
205	10	47	30.690	2265	1	17.30S	31	38.43E	0	50S	31	41E	630272	25064	189	29	76	51	ND		ND		ND		2.774

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	11	55	22.056	0	81	59.32N	62	53.24E	82	18N	65	25E	646009	25021	228 41	7 47	ND	ND	ND	1.970
2	11	55	25.245	3190	81	50.59N	61	44.04E	82	10N	64	11E	645709	25022	227 34	7 59	ND	ND	ND	1.970
3	11	55	27.841	2595	81	43.36N	60	49.51E	82	3N	63	12E	645467	25022	226 42	8 10	ND	ND	ND	2.421
4	11	55	30.271	2430	81	36.48N	59	59.86E	81	56N	62	18E	645238	25023	225 54	8 19	ND	ND	ND	2.586
5	11	55	32.630	2360	81	29.70N	59	12.91E	81	50N	61	28E	645016	25023	225 8	8 29	ND	ND	ND	2.662
6	11	55	34.955	2325	81	22.94N	58	27.83E	81	43N	60	39E	644799	25024	224 25	8 38	ND	ND	ND	2.702
7	11	55	37.261	2305	81	16.15N	57	44.27E	81	37N	59	52E	644582	25024	223 43	8 47	ND	ND	ND	2.726
8	11	55	39.556	2295	81	9.31N	57	1.99E	81	30N	59	7E	644367	25025	223 2	8 56	ND	ND	ND	2.738
9	11	55	41.851	2295	81	2.40N	56	20.77E	81	24N	58	22E	644152	25025	222 23	9 5	ND	ND	ND	2.738
10	11	55	44.136	2285	80	55.45N	55	40.75E	81	17N	57	39E	643938	25026	221 44	9 14	ND	ND	ND	2.750
11	11	55	46.415	2280	80	48.44N	55	1.82E	81	10N	56	57E	643724	25026	221 7	9 23	ND	ND	ND	2.756
12	11	55	48.691	2276	80	41.38N	54	23.89E	81	3N	56	16E	643511	25027	220 31	9 32	ND	ND	ND	2.761
13	11	55	50.971	2279	80	34.25N	53	46.84E	80	56N	55	37E	643297	25027	219 55	9 41	ND	ND	ND	2.757
14	11	55	53.245	2275	80	27.07N	53	10.78E	80	49N	54	58E	643084	25028	219 21	9 50	ND	ND	ND	2.762
15	11	55	55.516	2270	80	19.84N	52	35.64E	80	42N	54	20E	642872	25028	218 47	9 59	ND	ND	ND	2.768
16	11	55	57.780	2265	80	12.58N	52	1.44E	80	35N	53	43E	642660	25029	218 15	10 8	ND	ND	ND	2.774
17	11	56	0.051	2270	80	5.24N	51	27.97E	80	28N	53	7E	642447	25029	217 43	10 17	ND	ND	ND	2.768
18	11	56	2.315	2265	79	57.87N	50	55.38E	80	21N	52	32E	642236	25030	217 12	10 26	ND	ND	ND	2.774
19	11	56	4.580	2265	79	50.45N	50	23.56E	80	13N	51	58E	642024	25030	216 42	10 35	ND	ND	ND	2.774
20	11	56	6.846	2265	79	42.98N	49	52.47E	80	6N	51	25E	641812	25031	216 12	10 44	ND	ND	ND	2.774
21	11	56	9.105	2260	79	35.48N	49	22.18E	79	59N	50	52E	641601	25031	215 44	10 53	ND	ND	ND	2.780
22	11	56	11.365	2260	79	27.94N	48	52.58E	79	51N	50	20E	641390	25032	215 16	11 2	ND	ND	ND	2.780
23	11	56	13.625	2260	79	20.35N	48	23.67E	79	44N	49	49E	641179	25032	214 48	11 11	ND	ND	ND	2.780
24	11	56	15.880	2255	79	12.74N	47	55.48E	79	36N	49	19E	640968	25033	214 22	11 20	ND	ND	ND	2.786
25	11	56	18.141	2260	79	5.07N	47	27.85E	79	29N	48	50E	640758	25033	213 56	11 29	ND	ND	ND	2.780
26	11	58	24.125	25985	71	20.33N	32	6.81E	71	47N	32	35E	629223	25060	200 4	19 50	ND	ND	ND	0.050
27	11	58	27.210	3085	71	8.42N	31	53.36E	71	35N	32	21E	628948	25061	199 53	20 2	ND	ND	ND	2.037
28	11	58	29.706	2496	70	58.78N	31	42.67E	71	25N	32	10E	628726	25061	199 44	20 12	ND	ND	ND	2.517
29	11	58	32.051	2344	70	49.71N	31	32.77E	71	16N	31	59E	628518	25062	199 35	20 21	ND	ND	ND	2.681
30	11	58	34.331	2281	70	40.88N	31	23.28E	71	7N	31	50E	628316	25062	199 28	20 30	ND	ND	ND	2.755
31	11	58	36.591	2259	70	32.12N	31	14.00E	70	58N	31	40E	628115	25063	199 20	20 39	ND	ND	ND	2.781
32	11	58	38.841	2250	70	23.40N	31	4.89E	70	50N	31	30E	627917	25063	199 12	20 48	ND	ND	ND	2.793
33	11	58	41.085	2245	70	14.69N	30	55.92E	70	41N	31	21E	627719	25064	199 5	20 57	ND	ND	ND	2.799
34	11	58	43.325	2240	70	5.98N	30	47.08E	70	32N	31	12E	627521	25064	198 58	21 6	ND	ND	ND	2.805
35	11	58	45.565	2240	69	57.28N	30	38.36E	70	24N	31	3E	627324	25065	198 51	21 15	ND	ND	ND	2.805
36	11	58	47.801	2235	69	48.58N	30	29.76E	70	15N	30	54E	627127	25065	198 44	21 24	ND	ND	ND	2.811
37	11	58	50.035	2235	69	39.88N	30	21.28E	70	6N	30	45E	626930	25066	198 37	21 33	ND	ND	ND	2.811
38	11	58	52.271	2235	69	31.17N	30	12.91E	69	58N	30	36E	626734	25066	198 30	21 42	ND	ND	ND	2.811
39	11	58	54.505	2235	69	22.46N	30	4.64E	69	49N	30	28E	626539	25066	198 23	21 51	ND	ND	ND	2.811
40	11	58	56.736	2231	69	13.76N	29	56.49E	69	40N	30	19E	626344	25067	198 17	21 59	ND	ND	ND	2.816
41	11	58	58.971	2234	69	5.04N	29	48.43E	69	32N	30	11E	626149	25067	198 10	22 8	ND	ND	ND	2.813
42	11	59	1.200	2230	68	56.33N	29	40.48E	69	23N	30	3E	625954	25068	198 4	22 17	ND	ND	ND	2.818
43	11	59	3.431	2230	68	47.61N	29	32.63E	69	14N	29	55E	625761	25068	197 57	22 26	ND	ND	ND	2.818
44	11	59	5.660	2230	68	38.89N	29	24.87E	69	5N	29	46E	625567	25069	197 51	22 35	ND	ND	ND	2.818
45	11	59	7.891	2230	68	30.16N	29	17.21E	68	57N	29	39E	625373	25069	197 45	22 44	ND	ND	ND	2.818

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	11	59	10.116	2226	68	21.45N	29	9.65E	68	48N	29	31E	625181	25070	197	39	22	53	ND		ND		ND		2.823
47	11	59	12.346	2229	68	12.71N	29	2.16E	68	39N	29	23E	624988	25070	197	33	23	1	ND		ND		ND		2.819
48	11	59	14.575	2230	68	3.97N	28	54.77E	68	30N	29	15E	624796	25071	197	27	23	10	ND		ND		ND		2.818
49	11	59	16.806	2230	67	55.22N	28	47.45E	68	22N	29	8E	624603	25071	197	22	23	19	ND		ND		ND		2.818
50	11	59	19.030	2225	67	46.49N	28	40.24E	68	13N	29	0E	624412	25072	197	16	23	28	ND		ND		ND		2.824
51	12	0	56.630	97600	61	19.73N	24	27.27E	61	46N	24	40E	616395	25091	194	11	29	55	ND		ND		ND		0.064
52	12	0	59.661	3031	61	7.63N	24	20.94E	61	34N	24	33E	616159	25091	194	7	30	7	ND		ND		ND		2.073
53	12	1	2.115	2454	60	57.82N	24	15.87E	61	24N	24	28E	615970	25092	194	4	30	17	ND		ND		ND		2.560
54	12	1	4.427	2311	60	48.59N	24	11.13E	61	15N	24	23E	615791	25092	194	1	30	26	ND		ND		ND		2.719
55	12	1	6.695	2269	60	39.52N	24	6.52E	61	6N	24	18E	615617	25093	193	58	30	35	ND		ND		ND		2.769
56	12	1	8.940	2245	60	30.55N	24	1.99E	60	57N	24	14E	615445	25093	193	55	30	44	ND		ND		ND		2.799
57	12	1	11.181	2240	60	21.59N	23	57.51E	60	48N	24	9E	615274	25093	193	52	30	53	ND		ND		ND		2.805
58	12	1	13.411	2231	60	12.67N	23	53.08E	60	39N	24	5E	615103	25094	193	49	31	2	ND		ND		ND		2.816
59	12	1	15.641	2229	60	3.75N	23	48.70E	60	30N	24	0E	614935	25094	193	46	31	10	ND		ND		ND		2.819
60	12	1	17.870	2230	59	54.83N	23	44.34E	60	21N	23	56E	614765	25095	193	43	31	19	ND		ND		ND		2.818
61	12	1	20.101	2230	59	45.90N	23	40.02E	60	12N	23	51E	614597	25095	193	40	31	[redacted]	ND		ND		ND		2.818
62	12	1	22.325	2225	59	37.00N	23	35.74E	60	4N	23	47E	614430	25095	193	38	31	37	ND		ND		ND		2.824
63	12	1	24.551	2225	59	28.09N	23	31.49E	59	55N	23	42E	614263	25096	193	35	31	46	ND		ND		ND		2.824
64	12	1	26.771	2220	59	19.20N	23	27.29E	59	46N	23	38E	614097	25096	193	32	31	55	ND		ND		ND		2.830
65	12	1	28.996	2226	59	10.28N	23	23.11E	59	37N	23	34E	613931	25097	193	30	32	3	ND		ND		ND		2.823
66	12	1	31.221	2224	59	1.37N	23	18.95E	59	28N	23	30E	613766	25097	193	27	32	12	ND		ND		ND		2.825
67	12	1	33.440	2220	58	52.47N	23	14.84E	59	19N	23	25E	613602	25097	193	25	32	21	ND		ND		ND		2.830
68	12	1	35.665	2225	58	43.55N	23	10.75E	59	10N	23	21E	613438	25098	193	22	32	30	ND		ND		ND		2.824
69	12	1	37.886	2220	58	34.65N	23	6.70E	59	1N	23	17E	613274	25098	193	19	32	39	ND		ND		ND		2.830
70	12	1	40.110	2225	58	25.73N	23	2.67E	58	52N	23	13E	613112	25099	193	17	32	47	ND		ND		ND		2.824
71	12	1	42.330	2220	58	16.83N	22	58.68E	58	43N	23	9E	612950	25099	193	15	32	56	ND		ND		ND		2.830
72	12	1	44.551	2220	58	7.92N	22	54.71E	58	34N	23	5E	612789	25099	193	12	33	5	ND		ND		ND		2.830
73	12	1	46.771	2221	57	59.01N	22	50.78E	58	26N	23	1E	612627	25100	193	10	33	14	ND		ND		ND		2.829
74	12	1	48.995	2224	57	50.08N	22	46.86E	58	17N	22	57E	612467	25100	193	7	33	22	ND		ND		ND		2.825
75	12	1	51.216	2220	57	41.17N	22	42.98E	58	8N	22	53E	612307	25100	193	5	33	31	ND		ND		ND		2.830
76	12	1	53.431	2215	57	32.27N	22	39.14E	57	59N	22	49E	612148	25101	193	3	33	40	ND		ND		ND		2.837
77	12	1	55.655	2225	57	23.34N	22	35.30E	57	50N	22	45E	611989	25101	193	0	33	49	ND		ND		ND		2.824
78	12	1	57.870	2215	57	14.44N	22	31.51E	57	41N	22	41E	611833	25102	192	58	33	58	ND		ND		ND		2.837
79	12	2	0.091	2220	57	5.52N	22	27.73E	57	32N	22	37E	611675	25102	192	56	34	6	ND		ND		ND		2.830
80	12	2	2.307	2216	56	56.62N	22	23.99E	57	23N	22	33E	611518	25102	192	54	34	15	ND		ND		ND		2.835
81	12	2	4.530	2224	56	47.68N	22	20.26E	57	14N	22	30E	611362	25103	192	51	34	24	ND		ND		ND		2.825
82	12	2	6.746	2216	56	38.78N	22	16.57E	57	5N	22	26E	611207	25103	192	49	34	33	ND		ND		ND		2.835
83	12	2	8.966	2219	56	29.85N	22	12.89E	56	56N	22	22E	611052	25104	192	47	34	41	ND		ND		ND		2.832
84	12	2	11.181	2215	56	20.95N	22	9.25E	56	47N	22	18E	610898	25104	192	45	34	50	ND		ND		ND		2.837
85	12	2	13.400	2220	56	12.02N	22	5.63E	56	39N	22	15E	610745	25104	192	43	34	59	ND		ND		ND		2.830
86	12	2	15.620	2220	56	3.09N	22	2.02E	56	30N	22	11E	610592	25105	192	41	35	8	ND		ND		ND		2.830
87	12	2	17.835	2215	55	54.18N	21	58.45E	56	21N	22	7E	610440	25105	192	39	35	16	ND		ND		ND		2.837
88	12	2	20.051	2215	55	45.26N	21	54.90E	56	12N	22	4E	610288	25105	192	37	35	25	ND		ND		ND		2.837
89	12	2	22.271	2220	55	36.33N	21	51.37E	56	3N	22	0E	610138	25106	192	35	35	34	ND		ND		ND		2.830
90	12	2	24.485	2215	55	27.41N	21	47.87E	55	54N	21	57E	609988	25106	192	33	35	43	ND		ND		ND		2.837

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH		SUN/		PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
91	12	2	26.700	2215	55	18.50N	21	44.39E	55	45N	21	53E	609838	25106	192	31	35	51	ND	ND	ND	2.837
92	12	2	28.915	2215	55	9.58N	21	40.93E	55	36N	21	49E	609690	25107	192	29	36	0	ND	ND	ND	2.837
93	12	2	31.132	2216	55	0.65N	21	37.49E	55	27N	21	46E	609542	25107	192	27	36	9	ND	ND	ND	2.835
94	12	2	33.347	2215	54	51.73N	21	34.07E	55	18N	21	43E	609394	25108	192	25	36	18	ND	ND	ND	2.837
95	12	2	35.565	2219	54	42.79N	21	30.67E	55	9N	21	39E	609247	25108	192	23	36	26	ND	ND	ND	2.832
96	12	2	37.780	2215	54	33.87N	21	27.29E	55	0N	21	36E	609101	25108	192	21	36	35	ND	ND	ND	2.837
97	12	2	40.000	2220	54	24.92N	21	23.93E	54	51N	21	32E	608955	25109	192	20	36	44	ND	ND	ND	2.830
98	12	2	42.216	2215	54	15.99N	21	20.59E	54	42N	21	29E	608810	25109	192	18	36	53	ND	ND	ND	2.837
99	12	2	44.431	2215	54	7.06N	21	17.28E	54	34N	21	25E	608667	25109	192	16	37	1	ND	ND	ND	2.837
100	12	2	46.646	2215	53	58.13N	21	13.99E	54	25N	21	22E	608523	25110	192	14	37	10	ND	ND	ND	2.837
101	12	2	48.860	2215	53	49.20N	21	10.71E	54	16N	21	19E	608381	25110	192	12	37	19	ND	ND	ND	2.837
102	12	2	51.080	2220	53	40.25N	21	7.45E	54	7N	21	15E	608239	25110	192	11	37	28	ND	ND	ND	2.830
103	12	2	53.290	2210	53	31.34N	21	4.22E	53	58N	21	12E	608097	25111	192	9	37	36	ND	ND	ND	2.843
104	12	2	55.511	2220	53	22.38N	21	0.99E	53	49N	21	9E	607956	25111	192	7	37	45	ND	ND	ND	2.830
105	12	2	57.726	2215	53	13.44N	20	57.79E	53	40N	21	6E	607817	25111	192	6	37	54	ND	ND	ND	2.837
106	12	2	59.936	2210	53	4.53N	20	54.61E	53	31N	21	2E	607678	25112	192	4	38	3	ND	ND	ND	2.843
107	12	3	2.150	2215	52	55.59N	20	51.45E	53	22N	20	59E	607540	25112	192	2	38	11	ND	ND	ND	2.837
108	12	3	4.366	2216	52	46.64N	20	48.30E	53	13N	20	56E	607401	25112	192	1	38	20	ND	ND	ND	2.835
109	12	3	6.580	2214	52	37.71N	20	45.18E	53	4N	20	53E	607265	25113	191	59	38	29	ND	ND	ND	2.838
110	12	3	8.795	2215	52	28.76N	20	42.07E	52	55N	20	50E	607129	25113	191	58	38	37	ND	ND	ND	2.837
111	12	3	11.011	2215	52	19.82N	20	38.97E	52	46N	20	46E	606993	25113	191	56	38	46	ND	ND	ND	2.837
112	12	3	13.226	2215	52	10.87N	20	35.89E	52	37N	20	43E	606859	25114	191	54	38	55	ND	ND	ND	2.837
113	12	3	15.440	2215	52	1.93N	20	32.83E	52	28N	20	40E	606724	25114	191	53	39	4	ND	ND	ND	2.837
114	12	3	17.655	2215	51	52.98N	20	29.79E	52	19N	20	37E	606591	25114	191	51	39	12	ND	ND	ND	2.837
115	12	3	19.865	2210	51	44.05N	20	26.77E	52	10N	20	34E	606459	25115	191	50	39	21	ND	ND	ND	2.843
116	12	3	22.080	2215	51	35.10N	20	23.76E	52	1N	20	31E	606327	25115	191	48	39	30	ND	ND	ND	2.837
117	12	3	24.295	2215	51	26.15N	20	20.76E	51	53N	20	28E	606196	25115	191	47	39	38	ND	ND	ND	2.837
118	12	3	26.507	2211	51	17.21N	20	17.79E	51	44N	20	25E	606066	25116	191	45	39	47	ND	ND	ND	2.842
119	12	3	28.721	2214	51	8.26N	20	14.83E	51	35N	20	22E	605936	25116	191	44	39	56	ND	ND	ND	2.838
120	12	3	30.936	2215	50	59.31N	20	11.88E	51	26N	20	19E	605808	25116	191	43	40	5	ND	ND	ND	2.837
121	12	3	33.150	2215	50	50.35N	20	8.95E	51	17N	20	16E	605680	25117	191	41	40	13	ND	ND	ND	2.837
122	12	3	35.361	2211	50	41.41N	20	6.03E	51	8N	20	13E	605553	25117	191	40	40	22	ND	ND	ND	2.842
123	12	3	37.575	2214	50	32.46N	20	3.13E	50	59N	20	10E	605426	25117	191	38	40	31	ND	ND	ND	2.838
124	12	3	39.790	2215	50	23.50N	20	0.24E	50	50N	20	7E	605300	25117	191	37	40	39	ND	ND	ND	2.837
125	12	3	42.005	2215	50	14.54N	19	57.37E	50	41N	20	4E	605176	25118	191	36	40	48	ND	ND	ND	2.837
126	12	3	44.217	2211	50	5.59N	19	54.51E	50	32N	20	1E	605052	25118	191	34	40	57	ND	ND	ND	2.842
127	12	3	46.431	2214	49	56.64N	19	51.67E	50	23N	19	58E	604929	25118	191	33	41	5	ND	ND	ND	2.838
128	12	3	48.641	2210	49	47.69N	19	48.85E	50	14N	19	56E	604807	25119	191	32	41	14	ND	ND	ND	2.843
129	12	3	50.855	2215	49	38.73N	19	46.03E	50	5N	19	53E	604685	25119	191	30	41	23	ND	ND	ND	2.837
130	12	3	53.070	2215	49	29.76N	19	43.23E	49	56N	19	50E	604564	25119	191	29	41	32	ND	ND	ND	2.837
131	12	3	55.280	2210	49	20.82N	19	40.44E	49	47N	19	47E	604444	25120	191	28	41	40	ND	ND	ND	2.843
132	12	3	57.490	2210	49	11.87N	19	37.67E	49	38N	19	44E	604326	25120	191	27	41	49	ND	ND	ND	2.843
133	12	3	59.705	2215	49	2.90N	19	34.91E	49	29N	19	41E	604207	25120	191	25	41	58	ND	ND	ND	2.837
134	12	4	1.915	2210	48	53.96N	19	32.17E	49	20N	19	39E	604089	25120	191	24	42	6	ND	ND	ND	2.843
135	12	4	4.125	2210	48	45.01N	19	29.44E	49	11N	19	36E	603973	25121	191	23	42	15	ND	ND	ND	2.843

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH SUN/ DEG	MI	DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
136	12	4	6.335	2210	48	36.05N	19	26.72E	49	2N	19	33E	603857	25121	191	22	42	24	ND		ND		ND		2.843
137	12	4	8.551	2215	48	27.08N	19	24.01E	48	53N	19	30E	603742	25121	191	20	42	32	ND		ND		ND		2.837
138	12	4	10.761	2210	48	18.13N	19	21.31E	48	44N	19	28E	603629	25122	191	19	42	41	ND		ND		ND		2.843
139	12	4	12.971	2210	48	9.17N	19	18.63E	48	35N	19	25E	603515	25122	191	18	42	50	ND		ND		ND		2.843
140	12	4	15.182	2211	48	0.21N	19	15.96E	48	27N	19	22E	603403	25122	191	17	42	58	ND		ND		ND		2.842
141	12	4	17.396	2214	47	51.24N	19	13.30E	48	18N	19	19E	603292	25122	191	16	43	7	ND		ND		ND		2.838
142	12	4	19.605	2210	47	42.29N	19	10.66E	48	9N	19	17E	603180	25123	191	15	43	16	ND		ND		ND		2.843
143	12	4	21.815	2210	47	33.33N	19	8.03E	48	0N	19	14E	603071	25123	191	13	43	24	ND		ND		ND		2.843
144	12	4	24.025	2210	47	24.37N	19	5.41E	47	51N	19	11E	602962	25123	191	12	43	33	ND		ND		ND		2.843
145	12	4	26.240	2215	47	15.39N	19	2.79E	47	42N	19	9E	602854	25124	191	11	43	42	ND		ND		ND		2.837
146	12	4	28.450	2210	47	6.43N	19	0.20E	47	33N	19	6E	602746	25124	191	10	43	50	ND		ND		ND		2.843
147	12	4	30.660	2210	46	57.47N	18	57.61E	47	24N	19	4E	602640	25124	191	9	43	59	ND		ND		ND		2.843
148	12	4	32.871	2211	46	48.50N	18	55.04E	47	15N	19	1E	602535	25124	191	8	44	8	ND		ND		ND		2.842
149	12	4	35.085	2214	46	39.53N	18	52.47E	47	6N	18	58E	602430	25125	191	7	44	16	ND		ND		ND		2.838
150	12	4	37.295	2210	46	30.56N	18	49.92E	46	57N	18	56E	602327	25125	191	6	44	25	ND		ND		ND		2.843
151	12	4	39.505	2210	46	21.60N	18	47.38E	46	48N	18	53E	602224	25125	191	5	44	33	ND		ND		ND		2.843
152	12	4	41.716	2210	46	12.63N	18	44.84E	46	39N	18	51E	602122	25125	191	4	44	42	ND		ND		ND		2.843
153	12	4	43.931	2215	46	3.64N	18	42.32E	46	30N	18	48E	602021	25126	191	3	44	51	ND		ND		ND		2.837
154	12	4	46.146	2215	45	54.66N	18	39.80E	46	21N	18	46E	601920	25126	191	2	44	59	ND		ND		ND		2.837
155	12	4	48.355	2210	45	45.69N	18	37.31E	46	12N	18	43E	601822	25126	191	1	45	8	ND		ND		ND		2.843
156	12	4	50.566	2211	45	36.72N	18	34.82E	46	3N	18	40E	601723	25126	191	0	45	17	ND		ND		ND		2.842
157	12	4	52.780	2214	45	27.73N	18	32.33E	45	54N	18	38E	601625	25127	190	59	45	25	ND		ND		ND		2.838
158	12	4	54.995	2215	45	18.74N	18	29.86E	45	45N	18	35E	601529	25127	190	58	45	34	ND		ND		ND		2.837
159	12	4	57.205	2210	45	9.77N	18	27.40E	45	36N	18	33E	601433	25127	190	57	45	43	ND		ND		ND		2.843
160	12	4	59.415	2210	45	0.80N	18	24.95E	45	27N	18	30E	601339	25127	190	56	45	51	ND		ND		ND		2.843
161	12	5	1.630	2215	44	51.80N	18	22.51E	45	18N	18	28E	601245	25128	190	55	46	0	ND		ND		ND		2.837
162	12	5	3.846	2215	44	42.81N	18	20.08E	45	9N	18	26E	601152	25128	190	54	46	9	ND		ND		ND		2.837

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FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG MI	DEG MI	DEG MIN	DEG MIN	DEG MIN	RATE
1	17	59	14.140	0	48	55.71N	69	16.47W	49	22N	69	10W	602924	25122	191 24	42 5	ND	ND	ND	2.084
2	17	59	17.154	3015	48	43.50N	69	20.19W	49	10N	69	14W	602772	25122	191 22	42 17	ND	ND	ND	2.084
3	17	59	19.600	2445	48	33.59N	69	23.20W	49	0N	69	17W	602649	25123	191 21	42 26	ND	ND	ND	2.570
4	17	59	21.904	2305	48	24.26N	69	26.01W	48	51N	69	20W	602534	25123	191 20	42 35	ND	ND	ND	2.726
5	17	59	24.164	2260	48	15.10N	69	28.76W	48	41N	69	23W	602423	25123	191 19	42 44	ND	ND	ND	2.780
6	17	59	26.409	2245	48	6.00N	69	31.48W	48	32N	69	25W	602313	25124	191 17	42 53	ND	ND	ND	2.799
7	17	59	28.649	2240	47	56.93N	69	34.18W	48	23N	69	28W	602204	25124	191 16	43 2	ND	ND	ND	2.805
8	17	59	30.879	2230	47	47.89N	69	36.85W	48	14N	69	31W	602097	25124	191 15	43 11	ND	ND	ND	2.818
9	17	59	33.114	2235	47	38.83N	69	39.52W	48	5N	69	33W	601990	25124	191 14	43 19	ND	ND	ND	2.811
10	17	59	35.339	2225	47	29.81N	69	42.17W	47	56N	69	36W	601885	25125	191 13	43 28	ND	ND	ND	2.824
11	17	59	37.569	2230	47	20.77N	69	44.80W	47	47N	69	39W	601780	25125	191 12	43 37	ND	ND	ND	2.818
12	17	59	39.794	2225	47	11.75N	69	47.42W	47	38N	69	41W	601676	25125	191 11	43 45	ND	ND	ND	2.824
13	17	59	42.020	2225	47	2.73N	69	50.03W	47	29N	69	44W	601573	25125	191 9	43 54	ND	ND	ND	2.824
14	17	59	44.244	2225	46	53.71N	69	52.63W	47	20N	69	47W	601471	25126	191 8	44 3	ND	ND	ND	2.824
15	17	59	46.470	2225	46	44.68N	69	55.22W	47	11N	69	49W	601370	25126	191 7	44 12	ND	ND	ND	2.824
16	17	59	48.694	2225	46	35.66N	69	57.79W	47	2N	69	52W	601270	25126	191 6	44 20	ND	ND	ND	2.824
17	17	59	50.919	2225	46	26.63N	70	0.36W	46	53N	69	55W	601170	25126	191 5	44 29	ND	ND	ND	2.824
18	17	59	53.140	2220	46	17.62N	70	2.90W	46	44N	69	57W	601073	25127	191 4	44 38	ND	ND	ND	2.830
19	17	59	55.359	2220	46	8.62N	70	5.44W	46	35N	70	0W	600975	25127	191 3	44 46	ND	ND	ND	2.830
20	17	59	57.584	2225	45	59.59N	70	7.97W	46	26N	70	2W	600879	25127	191 2	44 55	ND	ND	ND	2.824
21	17	59	59.805	2220	45	50.58N	70	10.49W	46	17N	70	5W	600782	25127	191 1	45 4	ND	ND	ND	2.830
22	18	0	2.029	2225	45	41.55N	70	13.00W	46	8N	70	7W	600688	25128	191 0	45 12	ND	ND	ND	2.824
23	18	0	39.150	37121	43	10.79N	70	53.42W	43	37N	70	48W	599245	25131	190 45	47 37	ND	ND	ND	0.169
24	18	0	42.124	2974	42	58.70N	70	56.54W	43	25N	70	51W	599141	25131	190 44	47 49	ND	ND	ND	2.113
25	18	0	44.549	2425	42	48.84N	70	59.08W	43	15N	70	54W	599058	25132	190 43	47 58	ND	ND	ND	2.591
26	18	0	46.850	2300	42	39.49N	71	1.48W	43	6N	70	56W	598979	25132	190 42	48 7	ND	ND	ND	2.732
27	18	0	49.109	2260	42	30.30N	71	3.83W	42	56N	70	59W	598903	25132	190 41	48 16	ND	ND	ND	2.780
28	18	0	51.350	2240	42	21.19N	71	6.15W	42	47N	71	1W	598829	25132	190 40	48 24	ND	ND	ND	2.805
29	18	0	53.584	2235	42	12.11N	71	8.45W	42	38N	71	3W	598757	25132	190 39	48 33	ND	ND	ND	2.811
30	18	0	55.814	2230	42	3.04N	71	10.74W	42	29N	71	6W	598685	25133	190 39	48 42	ND	ND	ND	2.818
31	18	0	58.044	2230	41	53.97N	71	13.02W	42	20N	71	8W	598615	25133	190 38	48 50	ND	ND	ND	2.818
32	18	1	0.270	2225	41	44.92N	71	15.30W	42	11N	71	10W	598545	25133	190 37	48 59	ND	ND	ND	2.824
33	18	1	2.494	2225	41	35.87N	71	17.56W	42	2N	71	13W	598476	25133	190 36	49 8	ND	ND	ND	2.824
34	18	1	4.714	2220	41	26.84N	71	19.81W	41	53N	71	15W	598409	25133	190 36	49 16	ND	ND	ND	2.830
35	18	1	6.939	2225	41	17.79N	71	22.05W	41	44N	71	17W	598343	25133	190 35	49 25	ND	ND	ND	2.824
36	18	1	9.159	2220	41	8.76N	71	24.28W	41	35N	71	19W	598277	25134	190 34	49 34	ND	ND	ND	2.830
37	18	1	11.385	2225	40	59.70N	71	26.52W	41	26N	71	22W	598213	25134	190 33	49 42	ND	ND	ND	2.824
38	18	1	13.604	2220	40	50.67N	71	28.73W	41	17N	71	24W	598150	25134	190 33	49 51	ND	ND	ND	2.830
39	18	1	15.829	2225	40	41.62N	71	30.95W	41	8N	71	26W	598088	25134	190 32	49 59	ND	ND	ND	2.824
40	18	1	18.049	2220	40	32.58N	71	33.15W	40	59N	71	28W	598027	25134	190 31	50 8	ND	ND	ND	2.830
41	18	1	20.266	2216	40	23.56N	71	35.34W	40	50N	71	31W	597967	25134	190 31	50 16	ND	ND	ND	2.835
42	18	1	22.484	2219	40	14.53N	71	37.53W	40	41N	71	33W	597907	25135	190 30	50 25	ND	ND	ND	2.832
43	18	1	24.705	2221	40	5.49N	71	39.71W	40	32N	71	35W	597849	25135	190 29	50 34	ND	ND	ND	2.829
44	18	1	26.925	2220	39	56.46N	71	41.89W	40	23N	71	37W	597793	25135	190 28	50 42	ND	ND	ND	2.830
45	18	5	43.669	56744	22	28.20N	75	18.91W	22	54N	75	16W	599185	25133	189 42	66 34	ND	ND	ND	0.024

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG	MIN	LONG DEG	MIN	FORMAT CENTER LAT DEG	MIN	LONG DEG	MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG	MI	SUN/ DEG	MI	PITCH DEG	MIN	ROLL DEG	MIN	YAW DEG	MIN	SCAN RATE
46	18	5	46.689	3020	22	15.84N	75	21.18W	22	42N	75	18W	599305	25133	189	41	66	45	ND		ND		ND		2.081
47	18	5	49.145	2455	22	5.79N	75	23.02W	22	32N	75	20W	599403	25133	189	41	66	53	ND		ND		ND		2.559
48	18	5	51.455	2311	21	56.34N	75	24.75W	22	23N	75	22W	599498	25133	189	41	67	1	ND		ND		ND		2.719
49	18	5	53.725	2269	21	47.05N	75	26.45W	22	13N	75	23W	599592	25132	189	41	67	9	ND		ND		ND		2.769
50	18	5	55.971	2246	21	37.86N	75	28.13W	22	4N	75	25W	599687	25132	189	41	67	16	ND		ND		ND		2.798
51	18	5	58.214	2244	21	28.69N	75	29.80W	21	55N	75	27W	599783	25132	189	40	67	24	ND		ND		ND		2.800
52	18	6	0.454	2240	21	19.52N	75	31.47W	21	46N	75	28W	599880	25132	189	40	67	32	ND		ND		ND		2.805
53	18	6	2.685	2230	21	10.39N	75	33.13W	21	37N	75	30W	599978	25132	189	40	67	39	ND		ND		ND		2.818
54	18	6	4.919	2235	21	1.25N	75	34.78W	21	28N	75	32W	600078	25131	189	40	67	47	ND		ND		ND		2.811
55	18	6	7.149	2230	20	52.12N	75	36.44W	21	18N	75	33W	600180	25131	189	40	67	54	ND		ND		ND		2.818
56	18	6	9.379	2230	20	43.00N	75	38.09W	21	9N	75	35W	600282	25131	189	39	68	2	ND		ND		ND		2.818
57	18	6	11.609	2230	20	33.87N	75	39.74W	21	0N	75	37W	600386	25131	189	39	68	9	ND		ND		ND		2.818
58	18	6	13.839	2230	20	24.75N	75	41.39W	20	51N	75	38W	600492	25130	189	39	68	17	ND		ND		ND		2.818
59	18	6	16.069	2230	20	15.62N	75	43.03W	20	42N	75	40W	600598	25130	189	39	68	24	ND		ND		ND		2.818
60	18	6	18.299	2230	20	6.49N	75	44.67W	20	33N	75	42W	600706	25130	189	39	68	31	ND		ND		ND		2.818
61	18	6	20.524	2225	19	57.38N	75	46.31W	20	24N	75	43W	600816	25130	189	38	68	39	ND		ND		ND		2.824
62	18	6	22.749	2225	19	48.28N	75	47.95W	20	15N	75	45W	600927	25129	189	38	68	46	ND		ND		ND		2.824
63	18	6	24.984	2235	19	39.13N	75	49.59W	20	5N	75	46W	601039	25129	189	38	68	53	ND		ND		ND		2.811
64	18	6	27.209	2225	19	30.03N	75	51.22W	19	56N	75	48W	601153	25129	189	38	69	1	ND		ND		ND		2.824
65	18	6	29.436	2226	19	20.91N	75	52.85W	19	47N	75	50W	601268	25129	189	38	69	8	ND		ND		ND		2.823
66	18	6	31.664	2229	19	11.79N	75	54.48W	19	38N	75	51W	601385	25128	189	38	69	15	ND		ND		ND		2.819
67	18	6	33.895	2230	19	2.66N	75	56.11W	19	29N	75	53W	601503	25128	189	37	69	23	ND		ND		ND		2.818

FRAME EPHEMERIS MISSION 1018-2

PASS 96D AFT 31MAR65 ID 45 LIST DATE 06MAY65 PAGE 150

FRM	Z TIME			DTIM	CAMERA NADIR LAT		CAMERA NADIR LONG		FORMAT CENTER LAT		FORMAT CENTER LONG		ALTITUDE	VELOC	AZIMUTH	SUN/	PITCH	ROLL	YAW	SCAN
	HR	MI	SEC	MILS	DEG	MIN	DEG	MIN	DEG	MIN	DEG	MIN	FEET	F/S	DEG	MI	DEG MIN	DEG MIN	DEG MIN	RATE
46	19	33	46.289	2220	25	33.15N	96	56.60W	25	59N	96	53W	597678	25136	189	46	63 55	ND	ND	2.830
47	19	33	48.509	2220	25	24.07N	96	58.32W	25	50N	96	55W	597738	25136	189	46	64 3	ND	ND	2.830
48	19	33	50.729	2220	25	14.99N	97	0.04W	25	41N	96	57W	597798	25136	189	46	64 11	ND	ND	2.830
49	19	33	52.944	2215	25	5.94N	97	1.76W	25	32N	96	58W	597861	25136	189	46	64 19	ND	ND	2.837
50	19	33	55.164	2220	24	56.86N	97	3.47W	25	23N	97	0W	597926	25136	189	45	64 27	ND	ND	2.830
51	19	33	57.380	2216	24	47.80N	97	5.18W	25	14N	97	2W	597991	25136	189	45	64 35	ND	ND	2.835
52	19	33	59.604	2224	24	38.70N	97	6.89W	25	5N	97	4W	598058	25135	189	45	64 43	ND	ND	2.825
53	19	34	1.819	2215	24	29.64N	97	8.59W	24	56N	97	5W	598126	25135	189	45	64 51	ND	ND	2.837
54	19	34	4.039	2220	24	20.56N	97	10.29W	24	47N	97	7W	598196	25135	189	44	64 58	ND	ND	2.830

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	19	32	5.214	0	32 26.14N	95 34.60W	32 52N	95 31W	596318	25139	190 2	57 44	ND	ND	ND	2.101
2	19	32	8.204	2990	32 13.94N	95 37.14W	32 40N	95 33W	596320	25139	190 1	57 55	ND	ND	ND	2.101
3	19	32	10.634	2430	32 4.02N	95 39.20W	32 30N	95 35W	596324	25139	190 1	58 4	ND	ND	ND	2.586
4	19	32	12.938	2303	31 54.61N	95 41.15W	32 21N	95 37W	596329	25139	190 0	58 13	ND	ND	ND	2.728
5	19	32	15.199	2262	31 45.38N	95 43.06W	32 11N	95 39W	596335	25139	190 0	58 21	ND	ND	ND	2.778
6	19	32	17.439	2240	31 36.23N	95 44.94W	32 2N	95 41W	596343	25139	189 59	58 30	ND	ND	ND	2.805
7	19	32	19.674	2235	31 27.11N	95 46.82W	31 53N	95 43W	596351	25139	189 59	58 38	ND	ND	ND	2.811
8	19	32	21.909	2235	31 17.98N	95 48.69W	31 44N	95 45W	596361	25139	189 59	58 46	ND	ND	ND	2.811
9	19	32	24.134	2225	31 8.89N	95 50.55W	31 35N	95 47W	596372	25139	189 58	58 55	ND	ND	ND	2.824
10	19	32	26.364	2230	30 59.78N	95 52.41W	31 26N	95 49W	596384	25139	189 58	59 3	ND	ND	ND	2.818
11	19	32	28.585	2221	30 50.72N	95 54.25W	31 17N	95 51W	596398	25139	189 57	59 11	ND	ND	ND	2.829
12	19	32	30.810	2224	30 41.63N	95 56.10W	31 8N	95 52W	596413	25139	189 57	59 19	ND	ND	ND	2.825
13	19	32	33.034	2225	30 32.54N	95 57.94W	30 59N	95 54W	596429	25139	189 57	59 28	ND	ND	ND	2.824
14	19	32	35.259	2225	30 23.46N	95 59.78W	30 50N	95 56W	596446	25139	189 56	59 36	ND	ND	ND	2.824
15	19	32	37.479	2220	30 14.39N	96 1.61W	30 40N	95 58W	596465	25139	189 56	59 44	ND	ND	ND	2.830
16	19	32	39.700	2221	30 5.31N	96 3.44W	30 31N	96 0W	596484	25139	189 56	59 52	ND	ND	ND	2.829
17	19	32	41.924	2224	29 56.23N	96 5.27W	30 22N	96 2W	596505	25139	189 55	60 1	ND	ND	ND	2.825
18	19	32	44.145	2220	29 47.16N	96 7.09W	30 13N	96 3W	596527	25139	189 55	60 9	ND	ND	ND	2.830
19	19	32	46.364	2220	29 38.09N	96 8.90W	30 4N	96 5W	596552	25138	189 55	60 17	ND	ND	ND	2.830
20	19	32	48.589	2225	29 29.00N	96 10.72W	29 55N	96 7W	596577	25138	189 54	60 25	ND	ND	ND	2.824
21	19	32	50.805	2215	29 19.95N	96 12.52W	29 46N	96 9W	596603	25138	189 54	60 34	ND	ND	ND	2.837
22	19	32	53.025	2221	29 10.87N	96 14.33W	29 37N	96 11W	596630	25138	189 54	60 42	ND	ND	ND	2.829
23	19	32	55.244	2219	29 1.81N	96 16.13W	29 28N	96 13W	596659	25138	189 53	60 50	ND	ND	ND	2.832
24	19	32	57.465	2221	28 52.73N	96 17.93W	29 19N	96 14W	596689	25138	189 53	60 58	ND	ND	ND	2.829
25	19	32	59.686	2220	28 43.66N	96 19.72W	29 10N	96 16W	596720	25138	189 53	61 6	ND	ND	ND	2.830
26	19	33	1.904	2219	28 34.59N	96 21.51W	29 1N	96 18W	596753	25138	189 52	61 14	ND	ND	ND	2.832
27	19	33	4.129	2225	28 25.50N	96 23.30W	28 52N	96 20W	596786	25138	189 52	61 23	ND	ND	ND	2.824
28	19	33	6.350	2220	28 16.43N	96 25.08W	28 43N	96 22W	596821	25138	189 52	61 31	ND	ND	ND	2.830
29	19	33	8.564	2215	28 7.37N	96 26.86W	28 34N	96 23W	596858	25138	189 51	61 39	ND	ND	ND	2.837
30	19	33	10.784	2220	27 58.30N	96 28.64W	28 24N	96 25W	596896	25138	189 51	61 47	ND	ND	ND	2.830
31	19	33	13.004	2220	27 49.23N	96 30.41W	28 15N	96 27W	596935	25138	189 51	61 55	ND	ND	ND	2.830
32	19	33	15.225	2220	27 40.15N	96 32.18W	28 6N	96 29W	596975	25138	189 50	62 3	ND	ND	ND	2.830
33	19	33	17.439	2215	27 31.10N	96 33.94W	27 57N	96 30W	597016	25138	189 50	62 11	ND	ND	ND	2.837
34	19	33	19.659	2220	27 22.03N	96 35.70W	27 48N	96 32W	597059	25138	189 50	62 19	ND	ND	ND	2.830
35	19	33	21.879	2220	27 12.95N	96 37.46W	27 39N	96 34W	597104	25137	189 49	62 27	ND	ND	ND	2.830
36	19	33	24.100	2220	27 3.87N	96 39.22W	27 30N	96 36W	597149	25137	189 49	62 35	ND	ND	ND	2.830
37	19	33	26.319	2220	26 54.80N	96 40.97W	27 21N	96 38W	597196	25137	189 49	62 43	ND	ND	ND	2.830
38	19	33	28.539	2220	26 45.73N	96 42.72W	27 12N	96 39W	597244	25137	189 49	62 52	ND	ND	ND	2.837
39	19	33	30.754	2215	26 36.67N	96 44.46W	27 3N	96 41W	597294	25137	189 48	63 0	ND	ND	ND	2.830
40	19	33	32.975	2220	26 27.59N	96 46.21W	26 54N	96 43W	597345	25137	189 48	63 8	ND	ND	ND	2.830
41	19	33	35.194	2220	26 18.52N	96 47.95W	26 45N	96 45W	597397	25137	189 48	63 16	ND	ND	ND	2.830
42	19	33	37.410	2216	26 9.46N	96 49.68W	26 36N	96 46W	597450	25137	189 47	63 24	ND	ND	ND	2.835
43	19	33	39.629	2219	26 0.38N	96 51.42W	26 27N	96 48W	597505	25137	189 47	63 32	ND	ND	ND	2.832
44	19	33	41.851	2221	25 51.30N	96 53.15W	26 17N	96 50W	597561	25136	189 47	63 40	ND	ND	ND	2.829
45	19	33	44.069	2219	25 42.23N	96 54.88W	26 8N	96 51W	597619	25136	189 47	63 47	ND	ND	ND	2.832

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FRM	Z TIME HR	MI	SEC	DTIM MILS	CAMERA NADIR LAT DEG MIN	LONG DEG MIN	FORMAT CENTER LAT DEG MIN	LONG DEG MIN	ALTITUDE FEET	VELOC F/S	AZIMUTH DEG MI	SUN/ DEG MI	PITCH DEG MIN	ROLL DEG MIN	YAW DEG MIN	SCAN RATE
1	20	56	41.280	0	49 29.47N	113 30.40W	49 56N	113 24W	603022	25121	191 29	41 32	ND	ND	ND	2.08
2	20	56	44.300	3020	49 17.25N	113 34.20W	49 44N	113 28W	602868	25122	191 27	41 44	ND	ND	ND	2.08
3	20	56	46.735	2435	49 7.39N	113 37.25W	49 34N	113 31W	602745	25122	191 26	41 54	ND	ND	ND	2.58
4	20	56	49.035	2300	48 58.08N	113 40.11W	49 24N	113 34W	602629	25122	191 24	42 3	ND	ND	ND	2.73
5	20	56	51.280	2245	48 48.98N	113 42.89W	49 15N	113 37W	602516	25122	191 23	42 12	ND	ND	ND	2.79
6	20	56	53.524	2244	48 39.89N	113 45.65W	49 6N	113 39W	602406	25123	191 22	42 20	ND	ND	ND	2.80
7	20	56	55.759	2235	48 30.84N	113 48.39W	48 57N	113 42W	602295	25123	191 21	42 29	ND	ND	ND	2.81
8	20	56	57.994	2235	48 21.79N	113 51.12W	48 48N	113 45W	602186	25123	191 19	42 38	ND	ND	ND	2.81
9	20	57	0.220	2225	48 12.77N	113 53.82W	48 39N	113 48W	602079	25123	191 18	42 47	ND	ND	ND	2.82
10	20	57	2.449	2230	48 3.74N	113 56.52W	48 30N	113 50W	601971	25124	191 17	42 55	ND	ND	ND	2.81
11	20	57	4.680	2230	47 54.70N	113 59.20W	48 21N	113 53W	601865	25124	191 16	43 4	ND	ND	ND	2.81
12	20	57	6.899	2220	47 45.70N	114 1.86W	48 12N	113 56W	601760	25124	191 15	43 13	ND	ND	ND	2.83
13	20	57	9.124	2225	47 36.68N	114 4.51W	48 3N	113 58W	601656	25125	191 14	43 21	ND	ND	ND	2.82
14	20	57	11.350	2225	47 27.66N	114 7.16W	47 54N	114 1W	601552	25125	191 12	43 30	ND	ND	ND	2.82
15	20	57	13.569	2220	47 18.66N	114 9.78W	47 45N	114 4W	601450	25125	191 11	43 39	ND	ND	ND	2.83
16	20	57	15.789	2220	47 9.66N	114 12.39W	47 36N	114 6W	601349	25125	191 10	43 48	ND	ND	ND	2.83
17	20	57	18.015	2225	47 0.64N	114 15.00W	47 27N	114 9W	601248	25126	191 9	43 56	ND	ND	ND	2.82
18	20	57	20.234	2220	46 51.64N	114 17.59W	47 18N	114 12W	601148	25126	191 8	44 5	ND	ND	ND	2.83
19	20	57	22.454	2220	46 42.63N	114 20.16W	47 9N	114 14W	601049	25126	191 7	44 14	ND	ND	ND	2.83
20	20	57	24.674	2220	46 33.63N	114 22.73W	47 0N	114 17W	600951	25126	191 6	44 22	ND	ND	ND	2.83
21	20	57	26.891	2216	46 24.64N	114 25.28W	46 51N	114 19W	600854	25127	191 5	44 31	ND	ND	ND	2.83
22	20	57	29.114	2224	46 15.62N	114 27.83W	46 42N	114 22W	600758	25127	191 4	44 40	ND	ND	ND	2.82
23	20	57	31.329	2215	46 6.63N	114 30.36W	46 33N	114 25W	600662	25127	191 3	44 48	ND	ND	ND	2.83
24	20	57	33.549	2220	45 57.62N	114 32.88W	46 24N	114 27W	600568	25127	191 2	44 57	ND	ND	ND	2.83
25	21	0	16.547	62998	34 54.32N	117 15.18W	35 20N	117 11W	596346	25138	190 9	55 27	ND	ND	ND	0.03
26	21	0	19.009	2462	34 44.27N	117 17.36W	35 10N	117 13W	596327	25138	190 9	55 36	ND	ND	ND	2.55
27	21	0	21.451	2442	34 34.31N	117 19.52W	35 0N	117 15W	596310	25138	190 8	55 45	ND	ND	ND	2.57
28	21	0	23.755	2304	34 24.91N	117 21.54W	34 51N	117 18W	596295	25138	190 8	55 54	ND	ND	ND	2.72
29	21	0	25.999	2244	34 15.76N	117 23.51W	34 42N	117 19W	596282	25138	190 7	56 2	ND	ND	ND	2.80
30	21	0	28.244	2245	34 6.60N	117 25.48W	34 33N	117 21W	596270	25138	190 7	56 11	ND	ND	ND	2.79
31	21	0	30.479	2235	33 57.48N	117 27.43W	34 24N	117 23W	596258	25139	190 6	56 19	ND	ND	ND	2.81
32	21	0	32.714	2235	33 48.36N	117 29.38W	34 14N	117 25W	596249	25139	190 6	56 28	ND	ND	ND	2.81
33	21	0	34.939	2225	33 39.28N	117 31.31W	34 5N	117 27W	596240	25139	190 5	56 36	ND	ND	ND	2.82
34	21	0	37.169	2230	33 30.18N	117 33.25W	33 56N	117 29W	596233	25139	190 5	56 45	ND	ND	ND	2.81
35	21	0	39.395	2225	33 21.10N	117 35.17W	33 47N	117 31W	596226	25139	190 4	56 53	ND	ND	ND	2.82
36	21	0	41.619	2225	33 12.02N	117 37.09W	33 38N	117 33W	596221	25139	190 4	57 1	ND	ND	ND	2.82
37	21	0	43.845	2225	33 2.93N	117 39.01W	33 29N	117 35W	596217	25139	190 3	57 10	ND	ND	ND	2.82
38	21	0	46.069	2225	32 53.85N	117 40.92W	33 20N	117 37W	596215	25139	190 3	57 18	ND	ND	ND	2.82
39	21	0	48.289	2220	32 44.79N	117 42.82W	33 11N	117 39W	596214	25139	190 3	57 27	ND	ND	ND	2.83
40	21	0	50.509	2220	32 35.73N	117 44.71W	33 2N	117 41W	596213	25139	190 2	57 35	ND	ND	ND	2.83
41	21	0	52.734	2225	32 26.65N	117 46.61W	32 53N	117 43W	596215	25139	190 2	57 43	ND	ND	ND	2.82
42	21	0	54.954	2220	32 17.58N	117 48.50W	32 44N	117 45W	596217	25139	190 1	57 52	ND	ND	ND	2.83
43	21	0	57.174	2220	32 8.52N	117 50.38W	32 35N	117 47W	596220	25139	190 1	58 0	ND	ND	ND	2.83
44	21	0	59.395	2220	31 59.45N	117 52.26W	32 26N	117 48W	596226	25139	190 0	58 8	ND	ND	ND	2.83