

The Metallurgy of Titanium, by V. A. Garmata,  
B. S. Gulyanitskiy. 746 pp.  
RUSSIAN, bk, Metallurgiya Titana, 1968,  
pp 1-643.  
AIR/FTD-HC-23-352-69

sci/materials  
feb 71

Metals and Alloys Containing Dispersed Inclusions  
of Refractory Compounds and Fibers, by  
Ye. I. Mozahukhin. 54 pp.  
RUSSIAN, rpt, Metallurgiya Tsvetnykh i Tsekhikh  
Metallov, 1965, pp 114-156.  
AIR/FTD-MI-24-329-69

sci/materials  
may 70

The Metal Science of High-Melting Metals and Alloys, by Ye. M. Davitakiy, G. S. Butkhanov. 397 pp.

RUSSIAN, IR, Metallovedeniye Tugoplavkikh Metallov i Splavov, 1967, pp 1-323.  
AIR/FID/AT-23-1067-68

sci/ ~~enr~~ materials  
nov 69

397,283

ADVANTAGES OF THE ELECTROSLAG MELTING METHOD  
IN CASTING OF ALUMINUM ALLOY I

BEREZIN L G TSY

RU

METALLOVEDENIYE SPLAVOV I LEGKIKH METALLOV "NA  
UKA" MOSCOW 1970 PP 98-100

FSTC-HT-23- 1447-72

V. I. Popescu

Effect of forging conditions on correlation between  
forging ratio and plastic deformation. 12 pp.  
RUSSIAN, per, Metalurgia, Vol 23, No 3, 1971, pp 149-153  
AIR/PTD-MC-23-1789-71

aug 72

REQ TR CHECK

22-02-73

T258

THE EXPLOSIVE BOILING OF LIQUIDS DURING  
IMPULSE HEATING

SKRIPOV, V.P.

UR: METASTABIL'NAYA ZHIDKOST', 1972,  
pp. 168-206

*Proven in a*

*MT 73-24-0245*

*Ken  
2/27/73*

Regularities in Composition and  
Structure of Meteorites and Problems  
of Their Origin, by A. A. Yevnal.  
RUSSIAN, per, Meteoritika, No 26,  
1965, pp 26-34.  
NASA TT F-10,128

Sci-Journ. Sci  
Jul 66

304,169

The Structure of Chondrules and Chondrites,  
by L. G. Kvasha,  
RUSSIAN, per, Meteoritika, No 26,  
1965, pp 35-37.  
NASA TT F-10,129

Sci-E. Sci  
Jul 66

306,536



Classification of Iron Meteorites by  
Structure, by A. A. Yavnel'  
RUSSIAN, per, Meteoritika, No 26, 1965,  
pp 140-145.  
NASA TT F-10,130

Sci-E. Sci  
Jul 66

306,568

SOME Data on the Microchemical Investigations  
of Troilite and Pyrrhotite From Meteorites, by  
S. I. Smyshlayayev.  
RUSSIAN, per, Meteoritica, Vol XXVII,  
1966, pp 53-57.  
NASA TT F-10,893

Sci - xAstron & Astrophysics  
Jun 67

326,106

Some Data on Pulverized Matter From the  
Region of the Fall of the Tunguz Meteorite,  
by O. A. Kirova, N. I. Zaslavskaya.  
RUSSIAN, per, Meteoritika, Vol 27, 1966,  
pp 119-127.  
CIA X-6934  
NASA Sci & Tech Info Facility  
NAS-5-14826  
CPSTI

Mar 69

377,260

On the Search for Cosmic and Meteor Dust in the  
Earth's Atmosphere, by V. A. Vasil'ev.  
RUSSIAN, per. Meteoritika, Vol 27, 1966,  
pp 139-143.  
NLL Ref: 5828.4F (7035)

Sci/Atmos Sci  
Feb 68

349,580

Kozmanov, Yu. D.

Study of the High Temperature Oxidation of the  
Sikhote-Alin Iron Meteorite.

METEORITIKA, Vol 28, pp 60-65, 1968.

NTC-72-14870-03B

NASA TT # 141314

Jan 73

Geological and Mineralogical Aspects of  
the Sadoogoof Tektites, by G. G. Vorob'yev.  
RUSSIAN, per. Meteoritika, Vol 28, 1968,  
pp 73-84.  
NASA TT F-12,165

Sci-Ear Sci  
May 69

382,662

Investigation of the Dispersed Bituminous  
Substance in Tektites, by  
G. G. Vorob'yev, I. A. Petersil'yev.  
RUSSIAN, per, Meteoritika, Vol 28,  
1968, pp 85-88.  
NASA TT F-12,166

Sci-Chem  
May 69

382,654

Content of Alumina and Titanium Dioxide in  
Stone Meteorites, by M. I. Dyakonova. 5 pp.  
RUSSIAN, per, Meteoritika, No 29, 1969,  
pp 101-103.  
NASA TT-F-13541  
NTC 72-11782-03B

July 71



Investigation of Artificial Meteoric Dust  
(Spherules), by I. A. Yudin  
RUSSIAN, per, Meteoritika, Vol 29, 1969,  
pp 132-141  
NTC 71-16846-03B

Feb 72

Differentiation of Meteoric Matter in the  
Earth's Atmosphere, by K. P. Florenskiy <sup>187p</sup>  
RUSSIAN, per, Meteoritika, No 30, 1970, pp 104-113  
NASA TT F 14, 135

Feb 72

Determination of Coordinates of Reflecting Points  
on the Meteor Station KGU-M4, by G. B. Pokrovskiy,  
V. V. Sidorov, et al, 8 pp.  
RUSSIAN, per, Kazan, Nos. 5-6, 1969, pp 238-245.  
AIR/FTD-MT-24-106-71

*Meteornoye Rasprostraneniye Radiovoln*  
*Meteornoye Rasprostraneniye*  
*Radiovoln*

*row out of  
white cards*

Sept 71

Status and Prospective Development of Meteorological Studies of Atmospheric Pollution.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov., July 1968, Feb 1971, pp 11-83.  
HTC 72-13622-00E

Nov 72

Effect of the Stability of the Atmosphere on  
the Denomination of Gaseous Pollutants.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfera Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, July 1968, Pub. 1971, pp 24-30.  
NTS 72-13622-06E (pp 18-24)

Nov 72

D. Szepesi

Method of Determination of Average Impurity  
Concentration Near an Electric Power Plant by  
Means of an Electronic Computer.

RUSSIAN, per, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfera Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, July 1968, Pub 1971, pp 31-36.  
NFC 72-13622-06E (pp 25-30)

Nov 72

L. Nemec

Methods of Calculation of the Surface Concentration  
of a Gaseous Impurity Discharged From an Elevated  
Source.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagrяз-  
neniya Atmosfera. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, July 1968, Pub. 1971, pp 37-43.  
NRC 72-13622-06E (pp 31-37)

Nov 72

B. Bohm

Results of Experimental Study of Smoke Plumes  
From Thermal Power Plants.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, July 1968, Pub. 1971, pp 44-48.  
NTC 72-13022-06E (pp 38-42)

Nov 72



M. E. Berlyand

Atmospheric Diffusion and Structure of the Air  
Flow Above a Nonuniform Underlying Surface.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfera. Mezhdunarodny: Simpozium.  
Sbornik Dokladov, July 1968, Pub 1971, pp 49-69.  
NTC 72-13622-06E (pp 43-64)

Nov 72

R. I. Onikul

Procedure for Calculating the Pollution of the  
Atmosphere With Discharges of Industrial Plants  
and Thermal Power Plants.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
naniya Atmosfera. Mezhdunarodny! Simpozium Sbornik  
Dokladov, July 1968, Pub 1971, pp 70-81.  
NTC 72-13622-06E (pp 65-77)

Nov 72

A. Kasprzycki

Statistical Forecasting Average Atmospheric  
Pollution.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfera. Mezhdunarodny: Simpozium Sbornik  
Dokladov, July 1968, Pub 1971, pp 82-85.  
NTC 72-13622-06R (pp 78-81)

Nov 72

K. Budzinski

Method of Calculating the Degree of Atmospheric  
Pollution.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfera. Mezhdunarodnyi Simpozium Sbornik  
Dokladov, July 1968, Pub 1971, pp 85-89.  
FTC 72-13622-06E (pp 82-84)

Nov 72

A. Lehmann

On the Determination of Diffusion Parameters for  
Actual Locations.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, July 1968, pub 1971, pp 89-98.  
NTC 72-13622-06E (pp 85-98)

Nov 72

Study of Air Pollution and Atmospheric Precipitation  
Resulting From Artificial Modification of Clouds,  
by Sh. G. Gavasheli.  
RUSSIAN, per, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 349-380; pp 96-99.  
NFC 72-14265-04B

Jan 73

I. V. Vasilchenko

Turbulence in the Lower 500 M Layer and Diffusion  
of Impurities.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryaz-  
neniya Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, July 1968, Pub 1971, pp 99-108.  
NTC 72-13622-06E (pp 99-109)

Nov 72

Microclimatic Characteristics and Hygienic  
Evaluation of the Relative Emplacement of  
Industrial and Residential Complexes in the  
Regions of Siberia, by L. I. Koldomasov.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 349-351; pp 100-102.  
HTC 72-14267-04B

Jan 73



Numerical Characteristic of Meteorological  
Conditions Associated With Periods of Heavy  
Atmospheric Pollution in Western Siberia, by  
I. A. Shevchuk.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 352-359; pp 103-107.  
NTC 72-14205-04B

Jan 73

Experience in Simulating the Propagation of Noxious  
Substances in the Surface Atmospheric Layer Over  
Plant Sites and Surrounding Grounds, by V. M. Elterman.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zastyaneniya  
Atmosfera. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 307-301; pp 108-112.  
RDC 71-10265-04B

Jan 73

N. Z. Pinus

Atmospheric Turbulence at Small Heights.  
RUSSIAN, rpt. Meteorologicheskie Aspekty Zagryas-  
neniya Atmosfera. Mezhdunarodnyy Simpozium. Sbornik  
Dokladov, July 1968, Pub 1971, pp 109-129.  
NTC 78-13622-00E (pp 110-129)

Nov 72

Automation of Information Processing Involved  
in Experimental Studies of Atmospheric Diffusion,  
by A. B. Zaitsev.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 130-136; pp 1-7.  
HTC 72-14377-04B

Jan 73

Micrometeorological Characteristics of Atmospheric  
Pollution Conditions, by T. A. Ogneva.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 137-146; pp 8-17.  
NTC 72-14377-04B

Jan 73

Study of the Influence of Irregularities of the  
Earth's Surface on the Air Flow Characteristics  
in a Wind Tunnel, by S. M. Gorlin.

RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 147-161; pp 18-32.  
NTC 72-14377-04B

Jan 73

Use of Parameters of Eulerian Turbulence for  
Estimates of Lagrangian Characteristics, by  
V. I. Ivanov.

RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 162-175; pp 33-46.  
NTC 72-14377-04B

Jan 73

Method of Evaluating Atmospheric Diffusion From  
Turbulent Characteristics, by N. I. Byzova.  
RUSSIAN, rpt, Metecrologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 179-193; pp 47-53.  
RFO 72-14377-04B

Jan 73



Scattering of Smoke From a High-Level Point  
Source: by E. K. Garger.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 194-205; pp 64-76.  
NTG 72-14377-04B

Jan 73

Diffusion from a Point Source of Finite Time  
of Action, by Yu. S. Osipov.  
RUSSEAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosferu. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 207-214; pp 77-84.  
NTC 72-74377-04B

Jan 73

Use of Surface Observations for Characterizing  
the State of the Surface Atmospheric Layer, by  
G. B. Mashkova.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zapryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 215-220; pp 85-90.  
NTC 72-14377-04B

Jan 73

Sulfur Dioxide and Dust Measurements in Measuring  
Networks of the Hydrometeorological Institute, by  
O. Maeller.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfery. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 221-226; pp 91-97.  
NTC 72-14377-04B

Jan 73

Experimental Studies of Atmospheric Pollution in  
Industrial Areas, by B. B. Goroshko.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 227-237; pp 98-100.  
NFC 72-14377-04B

Jan 73

Field Studies of Air Pollution in the Area of  
the Skawina Electric Power Plant, by W. Parczewski.  
RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfery. Mezhnatsionnyy Simpozium.  
Sbornik Dokladov, 1971, pp 236-240; pp 109-111.  
MTC 78-14377-GUB

Jan 73

Effect of Meteorological Conditions on Air  
Pollution in Cities of the Soviet Union, by  
E. Yu. Bezuglaya.

RUSSIAN, rpt, Meteorologicheskie Aspekty  
Zagryazneniya Atmosfera. Mezhdunarodnyi Simpozium.  
Sbornik Dokladov, 1971, pp 241-252; pp 112-122.  
NTC 72-14377-04B

Jan 73

On the Removal of Impurities From the Atmosphere  
by Clouds and Precipitation, by Ye. S. Selezneva.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagrязneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 253-259. - pp 1-5  
NIC 72-14205-04B

Jan 73



Some Aspects of the Adoption of Automatic Methods  
of Determining Atmospheric Pollutants, by  
N. Sh. Volberg.  
RUSSIAN, rpt, Meteorologicheskoe Aspekty Zagrязneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 260-268; pp 9-17.  
NTC 72-14205-04B

Jan73

Recording of Sulfur Dioxide Content at the  
Outskirts of a City. Comparison of Measurement  
Results for a Valley and an Elevation, by E. Mrose.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfera. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 209-210; pp 10-21.  
ITC 72-14205-04B

Jan 73

Theoretical and Experimental Study of the  
Aspiration Coefficient of Aerosols, by S. P. Belyaev.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 201-204; pp 30-43  
NTC 72-14205-04B

Jan 73

Mechanism of Photochemical Pollution of the  
Urban Atmosphere, by M. T. Dmitriev.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zapryazhneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1972, pp 295-309; pp 44-58.  
RRC 72-36265-04B

Jan 73

Procedure for Determining the Content of Trace  
Elements in Precipitated Water, by  
T. N. Zhigalovskaya.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagrязneniya  
Atmosfery. Mezhnatsionallyi Simpozium. Sbornik  
Dokladov, 1971, pp 310-319; pp 59-63.  
NTC 72-14265-04B

Jan 73

Content of Heavy Metals in the Air of Certain  
Regions of the USSR, by T. N. Zhigalovskaya.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 320-329; pp 69-75.  
RRC 72-14265-04B

Jan 73

On the Design of a Measuring Network for Air  
Pollution in the German Democratic Republic, by  
W. Warntz.

RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium, Sbornik  
Dokladov, 1971, pp 330-336; pp 79-87.  
RUC 72-10205-04B

Jan 73

Content of Photooxidants in Urban Air, by  
Yu. G. Feldman.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryazneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 337-344; pp 68-95.  
REC 72-14265-54B

Jan 73



Special Cases of Vertical Currents, by I. G. Diaconescu  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagnyananiya  
Atmosfera Narkhunarobnyi Simposium. Sbornik  
Dokladov, 1971, pp 302-306; pp 113-117.  
NIC 72-109-042

Jan 73

Sufficient Conditions of Formation of a Very Stable  
Atmospheric Boundary Layer, by F. Rein.  
RUSSIAN, rpt, Meteorologicheskie Aspekty Zagryzneniya  
Atmosfery. Mezhdunarodnyi Simpozium. Sbornik  
Dokladov, 1971, pp 367-371; pp 123-128.  
NFC 72-14205-043

Jan 73

L. I. Dorman

Meteorological effects of cosmic rays  
RUSSIAN, Meteorologicheskiye efekty kosmich-  
eskikh luchey, 1972, 212 pp.

\*NASA TT F 755

oct 72

Energy Transformation in the Atmosphere of  
the Northern and Southern Hemisphere and  
Interaction of Processes in Both Hemispheres,  
by Ye. P. Borisenkov,  
RUSSIAN, per, Meteorologicheskii Issled.  
Sb. Stat. Rezult. po Mezhdun. Geofiz. Proekt.,  
No 9, 1965, pp 5-13,  
NLL 6015.49F 1966 (396)  
NASA TTF. 396

Sci-Atmos Sci

Influence of Tropospheric Processes on  
Changes in the Temperature Field and Cir-  
culation in the Stratosphere,  
by Kh. P. Pogosyan,  
RUSSIAN, per, Meteorologicheskii Issled. Sb.  
Stat. Result. po Bozhdam. Geofiz. Proekt.,  
No 9, 1965, pp 30-51.  
NLL 6015.49F 1966 (397)  
NASA TTF 397 9230087

Sci-Atmos Sci  
Apr 67

322,950

Seasonal Reconstruction of the Wind Field  
in the Stratosphere, by K. Yu. Speranskiy.  
RUSSIAN, per, Meteorologicheskoye Issledo-  
vaniya, No 9, 1965, pp 52-57. 9230092  
NASA TT F-398

USSR  
Sci/Earth Sci  
Jun 66

293,179

Processes in the Stratosphere Based on  
Rocket Sounding Data, by L. A. Rayzanova,  
I. A. Khvestikov.  
RUSSIAN, per, Meteorologicheskiye Issledo-  
vaniya, No 9, PP 58-63, 1965. 9230102  
NASA TT F-399

USSR  
Sci/Aerospace  
Jan 66

295,180

Climatology of Noctilucent Clouds According  
to Observations Performed During the IGY,  
by V. V. Sharonov.  
RUSSIAN, per, Meteorologicheskiye Issledo-  
vaniya, No 9, 1965, pp 143-149. 9230078  
NASA TT F-400

USSR  
Sci/Earth Sci  
Jun 66

293,181



Unitary Vertical Conduction Currents as a  
Measure of Thunderstorm Activity for the  
Entire Surface of the Earth, by  
N. A. Paramonov.  
RUSSIAN, per, Meteorologicheskoye Issledovaniya, No 9, 1965, pp 167-175. 9230085  
NASA TT F-401

USSR  
Sci/Earth Sci  
Jan 66

293,182

Investigation of the Properties of Field  
Fluctuations of Ultrashort Radio Waves during  
Propagation in the Troposphere, by A. A.  
Semenov and T. I. Arsen'yan, 29 PP.  
RUSSIAN, per, Meteorologicheskiye Issledovaniya,  
No 9, 1965, PP. 203-222.  
JPRS 36412

USSR  
Sci-EE/A  
Aug 66

307,922

Present State of the Problem of Noctilucent  
Clouds, by I. A. Khvostikov.  
RUSSIAN, per, Meteorologicheskie Issledovaniya,  
No 12, 1966, pp 5-10.  
NTC-71-14862-04A  
*Vassa TT F 10, 301 p. 513*

Feb 72

Certain Aspects in the Investigation  
of Noctilucent Clouds, by  
Ch. I. Villmann.  
RUSSIAN, bk, Meteorologicheskiye  
Issledovaniya: Serebristyye Obiaka,  
No 12, Moscow, 1966, pp 11-25.  
NASA TP F-11,517

Sci/Atmos Sci  
Oct 68

369,152

On the Conditions of Visibility of Noctilucent  
Clouds, by V. G. Fosenkov.  
RUSSIAN, ok, Meteorologicheskiye Issled, Sereb-  
ristyye Oblaka, Sec II, No 12, 1966, pp 26-29.  
NASA TT F-11,518

Sci-AtmosSci  
Jan 68

Choice of Conditions For Observing  
Noctilucent Clouds From the Earth's  
Surface and Spacecraft, by  
G. V. Rozenburg,  
RUSSIAN, per, Meteorologicheskiye  
Issledovaniya: Serebristyye Oblaka,  
No 12, Moscow, 1966, pp 30-32.  
NASA TR F-11,519

Sci/Atmos Sci  
Oct 68

369,119

Determination of Parameters of Noctilucent Clouds  
Surveyed in 1964, by M. I. Burov.  
RUSSIAN, per, Meteorologicheskiye Issledovaniya:  
Serebristyye Oblaka, No 12, 1966, pp 33-46.  
NASA TT F-11,520

Sci/Atmos Sci  
Apr 68

351,415

Determination of Space Coordinates  
of Noctilucent Clouds, by M. A. Dirikis.  
RUSSIAN, per, Meteorologicheskiye  
Issledovaniya: Serobristyye Oblaka,  
No 12, Moscow, 1966, pp 47-51.  
NASA TR F-11,521

Sci/Atmos Sci  
Oct 68

368,988



Determining the Projection of  
Noctilucent Clouds on the Earth's  
Surface, by M. A. Dirikis,  
E. E. Mukins.  
RUSSIAN, per, Meteorologicheskiye  
Issledovaniya: Serebristyye Oblaka,  
No 12, Moscow, 1966, pp 52-56.  
NASA TF F-11,522

Sci/Atmos Sci  
Oct 68

368,989

The Nature of Noctilucent Clouds and  
Certain Questions Concerning the Photochemistry  
and Dynamics of the Earth's Atmosphere, by  
I. A. Khvostikov.  
RUSSIAN, per, Meteorologicheskie Issledovaniya,  
No 12, 1966, pp 57-65.  
NTC-71-14863-04A  
NASA TTF 10,302

Feb 72

Measurements of Humidity in the Upper Atmosphere,  
by I. Ya. Badinov  
RUSSIAN, per, Meteorologicheskie Issledovaniya,  
No 12, 1966, pp 66-79  
NTC 71-15168-04A

mar 72

Interpreting the Results of Rocket Sounding of  
Noctilucent Clouds, by V. D. Reshetov  
RUSSIAN, per, Meteorologicheskie Issledovaniya,  
No 12, 1966, pp 80-83  
NTC 71-15169-04A

Nasa TTF 10, 304

mar 72

Temperature of the Atmosphere in the Region of  
the Mesopause and Distribution of Noctilicent  
Clouds, by V. V. Mikhnevich  
RUSSIAN, per, Meteorologicheskie Issledovaniya,  
No 12, 1966, pp 84-87  
HTC 71-15170-04A  
Nasa TT F 10, 305

mar 72

Dynamics of the Atmosphere and Noctilucent Clouds,  
by B. A. Mirtov  
RUSSIAN, per, Meteorologischeskie Issledovaniya,  
No 12, 1966, pp 88-91  
NTC 71-15171-04A  
Kasa TTF 10, 306

mar 72

Morphological Investigations of  
Noctilucent Clouds, by N. L. Grishin.  
RUSSIAN, per, Meteorologicheskiye  
Issledovaniya: Serebristyye Oblaka,  
No 12, 1966, pp 92-100.  
NASA TP P-11,523

Sci/Atmos  
Oct 68

369,012

Meteorological Conditions Associated With the  
Occurrence of Noctilucent Clouds, by  
Yu. V. Kurilova.  
RUSSIAN, per, Meteorologicheskiye Issledovaniya:  
Serebristyye Oblaka (Meteorological Research:  
Noctilucent Clouds), Nauka, No 12, 1966,  
pp 26-29. *pp 101-105*  
NASA TT F-11,521  
~~101-105~~

Sci  
Dec 68

371,093



Investigation of Meteorological and  
Inospheric Conditions on the Occurrence  
of Noctilucent Clouds in Siberia, by  
N. P. Fost.  
RUSSIAN, per, Meteorologicheskiye  
Issledovaniya: Sorobristyye Oblaka,  
No 12, 1966, pp 106-110.  
NASA TR F-11,525

Sci/Atmos Sci  
Oct 68

368,998

Observations of Noctilucent Clouds  
 Carried Out in Novosibirsk by the  
 Novosibirsk Department of the All-  
 Union Astronomical Geodetic Society  
 in 1964, by S. S. Voynov.  
 RUSSIAN, bk, Meteorologicheskiye  
 Issledovaniya: Serebristyye Oblaka,  
 No 12, Moscow, 1966, pp ~~26-29~~.  
 NASA TT F-11,528

526

111-112

Sci/Atmos Sci  
Oct 68

369,155

Observations of Noctilucent Clouds  
Carried Out in Gorky in 1964, by  
Ye. G. Domidovich, A. P. Poroshin.  
RUSSIAN, per, Meteorologicheskiye  
Issledovaniya: Serobristyye Oblaka,  
No 12, Moscow, 1966, pp 113-114.  
NASA TP F-11,527

Sci/Atmos Sci  
Oct 68

368,985

V. N. Kolesnikova.

The Spectra of Micrometeorological, Synoptic  
and Climatic Oscillations of Meteorological  
Fields,

RUSSIAN, per, Meteorologicheskie Issledovaniya:  
Sbornik Statei, No 16, 1968, pp 30-56.

NTC 72-13894-04B

Nov 72

Meteorological Researches - General Circulation of  
the Atmosphere, by B. L. Dzerdzeyevskiy,  
Kh. P. Pogosyan, 402 pp.  
RUSSIAN, bk, Meteorologicheskiye Issledovaniya -  
Obshchaya Tsirkulyatsiya Atmosfery, 1968.  
NTIS TT 70-50052

July 71

Laikhtman, D. L.

*Methods of studying the interaction between ocean and atmosphere.*

METEOROLOGICHESKIYE ISSLEDOVANIYE OBSCHAYA TSIRKULAYTSIYA  
ATMOSFERY, RAZDEL II, No 16, 1968, pp 287-300

\*FTD-MT-24-1609-71

Meteorological rocket complex M-100 used for atmospheric sounding in the USSR. 24 pp.  
RUSSIAN, rpt, Meteorol. Raketnyy kompleks M-100  
primenyayushchusya dlya zondirovaniya atmosfery v SSSR,  
1971  
NASA TT F 14206

may 72

Meteorological Conditions in the Arctic During IQSY,  
by I. M. Dolgin, L. A. Gavrilova, 145 pp.  
RUSSIAN, bk, Meteorologicheskiy Usloviya v Arktike  
v Period MGSS, 1968.  
NTIS TT 70-50100

July 71



The Pacific Ocean: Meteorological Conditions  
Above the Pacific Ocean, by V. G. Kort.  
RUSSIAN, bk, Meteorologicheskie Usloviya  
Nadtykhim Okeanom, 1966.  
\*Plenum Press

Sci  
Jul 67

I. G. Pchelko

Meteorological flight conditions for supersonic  
Aircraft. 180 pp.

RUSSIAN, bk, Meteorologicheskiye Usloviya poletov  
sverkhzvukovykh samoletov, 1970.

NASA TT F 693-72

aug 72