

S-5002

(DC-2632).

The Use of Dry Ice for Dispersing Clouds in the
Arctic, by A. I. Voskresenskiy, V. G.
Morachevskiy, V. Ya. Nikandrov, ~~NY~~ ~~XXXX~~ 9 pp.

RUSSIAN, per, Problemy Arktiki, Sbornik Statey,
No 2, 1957, pp 133-139. > 9658691

US JPRS-651-1)

Sci - Geophya
Jun 59

{ Arctic Meteorology
AF -

89,425

Some Problems in the Arctic Ice Studies, by I. S.
Zeschanskiy. UNCLASSIFIED 1990.

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 161-170.

Navy 2139/EO-52

Sci - Geophysics
May 59

Am. Meteor. Soc. X-R-265

86,752

The Turbulent Heat Exchange Between the Ice Cover
and the Air in the Central Arctic, by G. H.
Yakovlev. UNCLASSIFIED

RUSSIAN, per, Problemy Arktiki, Vol II, Leningrad,
1957, pp 193-204.

Navy 2339/EO 53

Sci - Geophysics
Oct 59

Inner Material Soc.
AF 99,623

A Method of Underwater Stereophotography in Oceanographic Investigations, by V. S. Loashchilov, 20 pp.

RUSSIAN, per, Problemy Arktiki, No 2, 1957, pp 205-21

7055107
9076557

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107,652

S-5003

(DC-2632).

Distribution of Magnetic Disturbances in the
Antarctic, by A. P. Nikol'skiy, 5 pp.

RUSSIAN, per, Problemy Arktiki, Sbornik Statey,
No 2, 1957, pp 241-244.

US JPRS-651-D

Sci - Geophys
Jun 59

89,424

RUSSIAN, per, Problemye Artiki, No 3, 1958

Nat Res Council, Canada

being done in full per letter 20 Oct 1958

*Translation uncertain. may not be
done*

The Question of the Penetration of Arctic Ocean
Waters Into the Bering Sea, by I. G. Meilakh, 8 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 35-40. CIA 649127

Dept of Int.
GC1 054 no. 111
Arctic Meteorol Soc
for Geophys Res Div
ASTIA

Sci - Geophysics
Oct 59

100,697

NAVY | HC 111

Magnetic Variations in the Region of the
Auroral Zone, by Ya. I. Fel'dshteyn,
Ye. I. Murina, 11 p.

RUSSIAN, per, Problemy Arktiki, 1958, No 3,
pp 53-59.

SLA 59-15569

Sci
Jan 60
Vol 2, No 5

104,611

The Use of Ultrasonic Vibrations in Hydrological
Investigations, by V. V. Bogorodskiy, A. V. Gusev, 12

RUSSIAN, per, Problemy Arktiki, No 3, 1958, pp 69-78.

9076560

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107,640

The Influence of the Resolution of a Radar
Station on the Accuracy of Determination of
Ice Concentration, by I. D. Denin, 12 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 61-67. CIA 649093

Amer Meteorol Soc
for Geophys Res Div
ASTIA

Sci - Geophysics
Oct 59

100,696

New Models of Oceanographic Apparatus, by L. I.
Chaplygin, 2 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp. 106-108.

DR. [unclear]
T. [unclear]

Amer Meteorol Soc
AF Cambridge Res Center
10

Sci - Geophysics

Feb 60

107,638

Concerning the Accuracy of Determining the
Position of the Tropopause, by
Iu. N. Volkonskiy, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,
pp 109-110. 9222940

NLL 777375 (95-1 (T-R-421))
Amer Meteorol Soc on loan
T-R-421

Sci
Jul 64

A. Narwhal in the Region of Drifting Station
North Pole-5, by G. L. Rutilevskii, 4 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958, pp 116-11¹¹⁹

106,282

Amer Meteorol Soc
AF Cambridge Res Center

Soc. - Astron

Jan 60

106,282

High Latitudinal Oceanographic Expedition of the
Diesel-Electric Vessel Ob¹, by L. L. Balakshina,
5 pp.

RUSSIAN, per, Problemy Arktiki, No 3, 1958,

pp 124-127. 9694773

Navy Tr 3918/ONI 223

OTS - TR - 64 - 19774

Sci - Earth Sci & Astron
Oct 64

267,973

RUSSIAN, per, Problemye Artiki, No 4, 1958

Nat Res Council, Canada

being done in full per letter 20 Oct 1958

*Translation uncertain. May not
be done.*

The Hydrometeorological Regime of the Northern Part of
the Atlantic Ocean, by V. M. Ivanov, 13 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958, pp 5-14.

965802

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Feb 60

107647

An Approximate Determination of the Heat Balance of
Arctic Basin Waters, by V. T. Timofayev, 9 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 23-28. *CI 9650508*

Amer Meteorol Soc
for Geophys Res Div
ASTIA

Sci - Geophysics
Oct 59

100,693

Geographic Distribution of Aurora in the Western
Part of the Soviet Arctic, by Ye. I. Fel'dshtein,
5 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 45-49. CIA 9041627

DSIS, DRB Canada
T 329 R

Sci - Geophys; Astron
Sep 59

95, 639
NI. C-362

The Ultrasonic Method of Determining Ice Thickness,
by V. V. Bogorodskiy, 20 pp.

RUSSIAN, per, Problemy Arktiki, No 4, 1958,
pp 65-77. CIA 649126

Sci - Geophysics

Oct 59

DATA CENTER
T 255A

Amer Meteorol Soc
for Geophys Res Div
ASTIA

HF Cambridge Res
Inter

100,698

Arctic. Soviet Drifting Stations and Expeditions,
1956-1957, 14 pp.

RUSSIAN, per, Problemy Arktiki, No. 4, 1958,
pp 103-110. 649437

Arctic Meteorol Soc
for Geophys Res Dir
ASTIA

Sci - Geophys

Oct 59

99,536

Causes of Variation in the Water Temperature of the
Nordkapp Current, by A. S. Denisov, 10 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 18-26.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,270

The "Age" of Atlantic Water in the Arctic
Basin, by V. T. Timofeyev, 6 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 27-31.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 68

121,363

The Thermal Balance of the Ice Cover of the
Central Arctic, by G. N. Yakovlev, 18 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 33-44.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,367

Disturbance of the Magnetic Field in Regions of
Operations of Drifting Stations North Pole-3 and
North Pole-4, by H. A. Milyayev, 10 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958, pp 73-80.

CIA 9658733

9080476

DRB, Canada
T 339 R

Sci - Geophysics
Jun 61

SI 6-10603
Amer Meteorol Soc
AF L. G. Hanscom Field
Res Div, Bedford, Mass
T-R-311

Amer Meteorol Soc
AF Com 7-10
36,643
106, 69

The Drifting Ice Island of Station North Pole-6,
by K. A. Sychev, 6 pp.

RUSSIAN, per Problemy Arktiki, HEX No 5, 1958,
pp 121-124.

Amer Meteorol Soc
AF Cambridge Res Center

61-13774

Sci - Geophysics

May 60

115,826

The Recent Destruction of Semenovskiy Island, by
Ya. P. Koblenko, 2 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 125-127.

965760

AMER Meteorol Soc
AF Cambridge Res Center

Sci - Geophys

Jun 61

The Ice Floe of Station North Pole-7, by N. V.
Mustafin, 2 pp.

RUSSIAN, per, Problemy Arktiki, No 5, 1958,
pp 127. 9652786

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

T-R-314

Deep Atlantic Waters as a Cause of Certain
Features of the Polar Climate, by V. N. Kupetskiy,
13 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 13-21. 9.5555

Amer Meteorol Soc
AP Cambridge Res Center

T-P-310

Sci - Geophysics
Jan 61

01-11-1956 136,271

The Waters of the East Greenland Current, by B. I.
Chaplygin, 7 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 37-41.

NLL 01.3431
Amar Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,268

The Drift of Station North Pole-7, by V. A.
Vedernikov, 4 pp.

RUSSIAN, per, ^UProblemy Arktiki, No 6, 1959,
pp 129-132.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,834

Lappo, S. D.
ON THE DISTRIBUTION OF REPRESENTATIVE
MARINE HYDROLOGICAL STATIONS IN THE SO-
VIET ARCTIC. 5 Jan 62 [10]p. AID Rept. 62-1;
AD-271 543.
Order from OTS or SLA \$1.10 62-19120

Abstract trans. of Problemy Arktiki (USSR) 1959,
no. 7, p. 115-124.

DESCRIPTORS: *Hydrology, *Oceanographical charts,
Arctic regions, Oceans, Kara sea.

(Earth Sciences--Oceanography, TT, v. 8, no. 7)

62-19120

- I. Lappo, S. D.
- II. AID-62-1
- III. Air Information Div.,
Washington, D. C.
- IV. AD-271 543

Office of Technical Services

61-19014

Nazintsev, Yu. L.

EXPERIMENTAL DETERMINATION OF THE SPECIFIC HEAT AND THERMOMETRIC CONDUCTIVITY OF SEA ICE (Eksperimental'noe Opredelenie

Teploemkosti i Temperaturprovodnosti Morskogo L'da) tr. by Valys Zilius. Apr 60 [11]p. 9 refs.

AmMetSoc T-R-285 4 ; AD-251 861.

Order from OTS or SLA \$1.60

61-19014

Trans. of Problemy Arktiki i Antarkitiki (USSR) 1959, no. 1, p. 65-71.

DESCRIPTORS: *Specific heat, Conductivity, Heat transfer, *Ice, Sea water, *Thermodynamics, Measurement.

Specific heat of sea ice may be computed by the formula suggested by Malmgren:

(Earth Sciences--Oceanography, TT, v. 8, no. 4)
(over)

I. Nazintsev, Yu. L.

II. AmMetSoc-T-R-285

III. American Meteorological Society, Boston, Mass.

IV. AD-251 861

V. Contract AF 19(604)6113

Office of Technical Services

Tide-Gauge Installation on Shore-Ice, Employing
(Auxiliary) Water-Level Gauge, by N. P. Iratski,
2 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 117-119.

NRCC C-3293

Sci

Apr 61

OTS, Vol III, No 12

163,231

The Drift of the Icebreaker Admiral Makarov
Convoy in Proliv Longa in 1956, 4 pp, by
B. P. Khimich.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 121-124.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,832

The Oceanographic Expedition to the Greenland
Sea on the Diesel-Electric Ship Lena in 1958,
by V. A. Shamont'ev, 3 pp.

RUSSIAN, per, Problemy Arktiki, No 6, 1959,
pp 124-127.

Amer Meteorol Soc
AF Cambridge Res Center

USSR

Geographic

May 60

115,835

The 1958 High-Latitude Aerial Expedition, by
M. M. Nikitin, 3 pp.

RUSSIAN, per, Problemy Arktiky, No 6, 1959,
pp 132-135.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,836

An Expedition for Setting Out Alchisoyev Stations in
Spring 1958, by Kh. G. Bunyak, 3 pp.

RUSSIAN, per, Problemy Arktiky, No 6, 1959,
pp 135-137. ~~SECRET~~

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,352

d
Certain Characteristics of the Radiation Balance in
the Central Arctic, by N. N. Andreyeva, B. A.
Platnenkov, 12 pp.

RUSSIAN, per, Problemy Arktiki, No 7, 1959, pp 79-89.
CIA 9658734

Amer Meteorol Soc
AF L. G. Hunscom Field
Res Div, Bedford, Mass
T-R-321

Sci - Geophysics
Jan 61

140,496
Arctic Meteorology
Problemy Arktiki

Table of Contents

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959.

Amer Meteorol Soc
AF Cambridge Res Center

Fluctuation of the ~~the~~ Southern Boundary of Polar Ice
in the Laptev Sea, by T. P. Morozova, 9 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959, pp 5-10.

Navy Tr 3572/HO 126

OTS 77-63-23138

Sci - Earth Sci & Astron
Sep 63

344,151

The Current Influence on the Depth of Automatic
Station Recorders, by N. F. Kudryavtsev, 19 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959, pp 11-23.

Navy Tr 3573/HO 127

OTS-132A 63-23574(22pp)

Sci - Earth Sci & Astron
Sep 63

344,152

S-339/60

(NY-4209)

The Role of Turbulence in the Transport of an
Atmospheric Eddy, by L. Yu. Ryshakov, 15 pp.

RUSSIAN, per, Problemy Arktiki Antarktiki, No 1,
1959, pp 25-31.

JPRS 5161

Sci - Geophys

Aug 60

121 824

The Problem of the Albedo on the Surface of Drifting
Ice, by N. N. Bryazgin, 8 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 1,
1959, pp 33-39. n CIA 9658732

Amer Meteorol Soc
AF L. G. Hanscom Field
Res Div, Bedford, Mass
T-R-310

Sci - Geophysics
Jan 61

SLF - 6 - 15227

140,495

Calculation of the Heat Fluxes in the Ice Cover, by
A. V. Ianes, 15 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 49-58.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,356

Yakovlev, G. N.
THE HEAT FLUX OF EVAPORATION FROM THE
SURFACE OF THE ICE COVER IN THE CENTRAL
ARCTIC (Teplovoy Potok Ispareniya s Poverkhnosti
Ledyanogo Pokrova v Tsentral'noi Arktike) tr. by
Richard M. Holden. July 60 [7]p. 3 refs.
AmMetSoc T-R-305+; AD-251 866,
Order from OTS or SLA 51.10

61-19025

Trans. of Problemy Arktiki i Antarktiki (USSR) 1959,
no. 1, p. 59-63.

DESCRIPTORS: *Arctic regions, *Ice, *Heat transfer,
*Evaporation, Measurement, Humidity.

(Earth Sciences--Frost, TT, v. 8, no. 5)

61-19025

- I. Yakovlev, G. N.
- II. AmMetSoc-T-R-305
- III. American Meteorological
Society, Boston, Mass.
- IV. AD-251 866
- V. Contract AF 19(604)6113

Office of Technical Services

Experimental Determination of the Specific
Heat and Thermometric Conductivity of Sea
Ice, by Yu. L. Nazintsev, 10 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1950, pp 65-71.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121,358

The Problem of Sea Ice Accretion, by
Yu. P. Doronin, 10 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 73-80. 265-211

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

Aug 60

121, 370

The Use of Aerial Photography in Ice Reconnaissance
to Determine the Mean Thickness of the Ice Cover,
by V. S. Loshchilov, 8 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 81-85. 265

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61

136,260

On the Accuracy of Current Measurements by
the Navigational Method, by N. P. Kudryavtsev,
3 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 1, 1959, pp 116-118.

Navy Tr 3574/RO 128

OTS 41 SLA 63-23585(5/1)

Sci - Earth Sci & Astron
Sep 63

344,153

JET STREAMS OVER THE WEST ANTARCTIC DURING
MERIDIONAL AND ZONAL CIRCULATIONS, BY P. D. ASTAPENKO.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANARKTIKI, VOL VI,
1960, PP 17-26.

NLL M. 3810

SCI - GEOPHYS

OCT 62

213,008

Some Problems of Studying the Perennial Variations
of the Total Ice Cover in the Arctic Seas, by I. V.
Maksimov, 16 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 2,
1960, pp 5-16. CIA 9658741

Amer Meteor Soc
AF Res Div, L. Q. Hanscom
Field, Bedford Mass

Sci - Geophysics
Mar 61

141,239

The 1959 High-Latitude Aerial Expedition, by M. M.
Nikitin, 4 pp.

ov, RUSSIAN, per, Y Problemy Arktiki i Antark, No 2, 1960
pp 125-127.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophys
May 61

150,468

Simultaneous Radar Studies of Auroras at
Frequencies of 75 and 50 MHz, by
V. I. Dovger, 5 pp.
RUSSIAN, per, Problemy Arktiki i Antarktiki,
Leningrad, No 2, 1960, pp 119-122.
JPRS 50332

Sci-Elect & Elect Engr
May 70

407,324

The Heat Content of Atlantic Waters and the
Expenditure of Heat in the Arctic Basin, by K. A.
Sychev, 13 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 3,
1960, pp 5-15. 9658782

970 64-1004

Mar Meteorol Soc

AF Res Div

Hanscom Field

Bedford, Mass

T-R-336

Sci - Geophysics
Arp 61

153,065

The Snow Cover on the Drifting Ice of the
Central Arctic, by G. N. Yakovlev, 19 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 3, 1960, pp 65-76. 9658839

Amer Meteorol Soc T-R-377

Sci - Geophys
Mar 62

188,055

The Main Cause of the Regular Albedo Decrease
in a Melting Snow Cover, by M. A. Kuznetsov,
8 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 3, 1960, pp 112-115.

Amer Meteorol Soc T-R-365
AF Cambridge Res Center

Sci - Geophys
Sep 61

167,826

Magnetic Variation Inside the Principal Auroral
Zone, by Ya. I. Fel'dshtein, Ye. I. Kurdina, 2 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 3,
1960, pp 118, 119. 9072922

SLA 6-100
DRB Canada
T 342 R

Sci - Geophys
13 Dec 60

Amos (M) of Soc
HF analysis the entire
133,995
NRCC C-3467

C.S. CG-18553-76

A-8289-L
15 May 67

Research in the field of icebreakers

By: Poznjak, I.I., et al

From: Problemy Arktiki i Antarktiki 4, 1960:130-38 (9 pp)

Russian - est for wds :

Please translate and type 1 original copy. Document
can be cut.

CG CG-18553-7B

R-8290-D
15 May 67

Predictions of icebreaker velocity in unbroken ice

By: Smirnov, V. I.

From: Problemy Arktiki i Antarktiki 5, 1960:27-30 (4 pp)

Russian - est for wds:

Please translate and type 1 original copy. Document
can be cut.

The Problem of the Effect of Ice on Tidal Phenomena,
by A. P. Laktionov, 13 pp.

RUSSIAN, per, Problemy Arktiki i Antarktiki, No 5,
1960, pp 53-58.

Navy Tr 3436/HO 189

Sci - Earth Sci & Astron
Jul 63

235,771

Estimation of the Accuracy of Long-Range
Weather Forecasts, by M. S. Bulotinskaya

RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 5, 1960, pp 63-66.

NLL M 3979

Sci - Geophys
Feb 63

223,556

CG CG-18553-7B

R-8291-D

15 May 67

Determination of loads which act on ship hull during ice
compression

By: Khejsin, D.E.

From: Problemy Arktiki i Antarktiki 7, 1961:25-31 (7 pp)

Russian - est for wds:

Please translate and type 1 original copy. Document can
be cut.

CG CG-16553-75

CG-8292-D
15 May 67

Contact Pressures Resulting from Impact of the Ice Knife
on Ice

By: Khejsin, D.E.

From: Problemy Arktiki i Antarktiki 8, 1961:67-74 (6 p)

Russian - est for wds:

Please translate and type 1 original copy. Document
can be cut.

(NY-7154)

AEROLOGICAL CHARACTERISTICS OF THE STRUCTURE
OF THE ATMOSPHERE OVER MIRNY, BY
T. A. ~~XXXXXXXXXX~~ TSITOVICH,
R. A. ZAGUDAYEVA, 12 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1961, PP 37-44.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,738

(NY-71540)

ON THE EFFECT OF IRREGULARITIES IN THE EARTH'S
ROTATION ON THE PROCESSES IN ITS ATMOSPHERE
AND HYDROSPHERE, BY N. S. SIDORENKOV, 10 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 45-49.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,739

(NY-7154)

THERMAL CHARACTERISTICS OF THE ARCTIC SNOW
COVER, BY ~~MR~~ A. P. KOPTEV, 16 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1964, PP 50-58.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,740

(NY-7154)

ON THE PROBLEM OF NONLINEARITY OF THE ELECTRIC
CHARACTERISTICS OF THE IONOSPHERE, BY
L. P. KUPEROV, 5 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 59-61.

JPRS 14620

SCI - GEOPHYS
AUG 62

205,741

(NY-7154)

ON THE PROBLEM CONCERNING THE TREND OF THE
GLACIATION OF FRANZ JOSEF LAND, BY L. S.
GOVORUKHA, I. M. SIMONOV, 4 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 63-65.

1961

JPRS 14620

SCI - GEOPHYS
AUG 62

205,742

(NY-7154)

SOME PROPERTIES OF GIANT PULSATIONS OF THE
GEOMAGNETIX FIELD, BY A. I. OL', N. D. CHICHERINA,
6 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960, PP 85-87.

1961

JPRS 14620

SCI - GEOPHYS
AUG 62

205,743

(NY-7154)

q-INDICES OF GEOMAGNETIC ACTIVITY ACCORDING TO
THE DATA OF SOVIET ARCTIC OBSERVATORIES, BY, G.
I. KOROBKOVA, A. I. OL', 17 PP.

RUSSIAN, PE, R PROBLEMY ARKTIKI I ANTARKTIKI,
NO 9, 1960; PP 89-92.

1961

JPRS 14620

SCI - GEOPHYS
AUG 62

205,744

S-372/62

(NY-7154)

Thirty Years Work of the Polar Magnetic Station in
Tiksi Bay, by A. P. Nikol'skiy.

RUSSIAN, per, Problemy Arktiki i Antarktiki, Sbornik
Statey, No 9, 1961, p_104.

*JPRS

Sci - Geophys

Jun 62

63-22776

Demenitskaya, R. M., Karasik, A. M., and
Kiselev, Yu. G.
RESULTS OF A GEOPHYSICAL STUDY OF THE
GEOLOGICAL STRUCTURE OF THE EARTH'S
CRUST IN THE CENTRAL ARCTIC. 1 Oct 63
Order from GPRC

Trans. from Problemy Arktiki i Antarktiki (USSR)
1962, no. 2.

DESCRIPTORS: *Structural geology, *Lithosphere,
*Arctic regions, Geophysics, Geology.

(Earth Sciences--Geology, TT, v. 10, no. 12)

- I. Demenitskaya, R. M.
- II. Karasik, A. M.
- III. Kiselev, Yu. G.
- IV. Geophysical and Polar
Research Center. U. of
Wisconsin, Madison

Office of Technical Services

Gordienko, P. A.
SCIENTIFIC OBSERVATIONS AND CONDITIONS OF
DRIFT OF THE STATION "NORTH POLE" (SEVER-
NYI POLIUS"). 1 Oct 63
Order from GPRC

Trans. from Problemy Arktiki i Antarktiki (USSR)
1962, no. 2.

DESCRIPTORS: *Scientific research, *Drift, *Ice
islands, Test facilities, *Arctic regions, Weather
stations.

(Earth Sciences--Frost, TT, v. 10, no. 12)

63-22778

I. Gordienko, P. A.
II. Geophysical and Polar
Research Center. U. of
Wisconsin, Madison

Office of Technical Services

Some Results of Atmospheric Research over the
Arctic Ocean, by I. M. Dolgin, 3 pp
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 11, 1962, pp 31-36.
JPRS 29482

USCIB
Sci-Earth Sciences & Astronomy
Apr 65

277,650

Results of Geophysical Investigations in
Central Arctic, by V. S. Ignatov, et al, 13 pp
RUSSIAN, per, Problemy Arktiki i Antarkitiki,
No 11, 1962, pp 65-74
JPRS 29132

USSR
Sci-Earth Sci & Astronomy
Apr 65

277,651

Latitudinal Shifts in Zone of Turning (Reversal)
of Diurnal Variations of the Magnetic Field in
the Arctic, by N. A. Milyayev, 7 pp
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 11, 62, pp 75-79.
JPRS 25482

UNBBR
Sci-Earth Sci & Astronomy
Apr 65

277,652

Results of the Geological Structural Studies
of the North's Crust in the Central Arctic by
Geophysical Methods, by R. M. Dement'skaya, A.
N. Korotki and Yu. G. Kiselev, 3 pp
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 11, 62, pp 91-95.
JPRS 29402

USSR
Sci-Earth Sci & Astronomy
Apr 65

271,653

Problem of the Aseismicity of Antarctica and Greenland, by
P. S. Voronov, I. G. Klushin.
RUSSIAN, per, Problemy Arktiki i Antarktiki, Vol XII, 1963,
pp 5-13.

NZIMA

Sci - Earth Sci

Feb 64

250,137

E. A. ... 10 ...

Experimental Prediction of the Secular
Component of Solar Activity, by I. V.
Maksimov.

RUSSIAN, per, Problemy Arktiki i Antartiki,
1963, No 12, pp 21-32.

MLL RTS 2532 (On Loan or Purchase)

CFSTI IT 64-19994

Aug 65

287,031

On Relief Forms of Floating Ice, by G. N. Yakovlev.
RUSSIAN, per, Problemy Arktiki i Antarktiki, No 12,
1963, pp 61-68.
NTC-71-10256-08L

Nov 71

Two Types of Ionospheric Storms,
by A. S. Besprozvannaya, 16 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 13, 1963. 9699493
FSTC 381-T65-550
ACSI 1-8581
ID 2204052265

Sci - ES
Feb 66

295,446

Study of the Nature of Long Baric Waves
in the Arctic and in the Antarctic, by
I. V. Maksimov.

RUSSIAN, Problemy Arktiki i Antarktiki,
1963, No 13, pp 5-12.

NLL RTS 2533 (On Loan or Purchase)

Aug 65

287,132

TT-64-23502

CG

R-8353-D

2 June 67

Analytic determination of the resistance moment of a
propeller during its interaction with ice

By: Jagoŭkin, V. Ja

From: Problemy Arktiki i Antarktiki 13, 1963:79-88

(10 pp)

Russian - est for wds:

Please translate and type 1 camera ready copy. Document
can be cut.

Unusual Airglow, by V. I. Gerasimenko.
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 13, 1963, pp 129-130.
*AFCEL

Sci-Astron
Nov 69

On the Problem of the Trends and Coordination of Research on
Long Range Meteorological Forecasts, by A. A. Girs, 17 pp.
RUSSIAN, per, Proh Arkt i Antarkt, No 14, 1963, pp 5-15.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 145

A Numerical Method of Computing Ice Thickness and Temperature,
by Yu. P. Doronin, 12 pp.
RUSSIAN, per, Probl Arkt i Antarkt, No 14, 1963, pp 17-26.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 146

CG CG-16553-7B

R-8293-D

15 May 67

Loss in operation time of icebreakers due to maintenance
and a method of its determination

By: Pavskij, E.I.

From: Problemy Arktiki i Antarktiki 14, 1963:33-39 (7 p)

Russian - est for wds:

Please translate and type 1 original copy. Document
can be put.

Short Period Disturbances of Solar Activity and Possible Reasons
for the Ambiguity in Their Connection with Fluctuations of
Hydrometeorological Elements, by B. A. Sleptsov-Shevelich,
11 pp.
RUSSIAN, per, Probl Arkt i Antarkt, No 14, p963, pp 41-46.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 147

FSTC-381-T65-547

I-85-90

7599854

10-220-110-51-65

over

The Role of Meteorological Conditions in the Formation of the
Snow Ice Surface of Antarctica, by I. D. Kopanov, 8 pp.

RUSSIAN, per, Probl Arkt i Antarkti, No 14, 1963, p 447-52.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 148

Oceanographic Research in the Central Arctic, by N. I. Blinov,
10 pp.

RUSSIAN, per, Probl Arkt i Antarkt, No 14, 1963, p 53-59.
(Table of Contents, Foreward)

JPRS 23074

Sci-Ear Sci
Feb 64

248, 149

Albedo of the Snow-Ice Cover of the Sea,
by A. P. Kppsev, 20 pp.
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 15, 1964, pp 25-36. P100059366
FTD-HT-66-182

Sci - Phys
Nov 66

314,162

Determination of Ice Load Encountered by Ship
Propeller Blades, by M. A. Ignatyev, 14 pp.
RUSSIAN, per, Problemy Arktiki i Antarkiki,
No 15, 1964, pp 41-51.
JPRS 26033

Sci - Engr
Aug 64

266,033

Calculating the Strength of Screw Propeller
Blades for Ships Used in Ice Navigation, by
M. A. Ignat'yev, 11 pp.
RUSSIAN, per, Problemy Arktiki i Antarktiki,
No 16, 1964, pp 75-82.
JPRS 25936

Sci - Engr
Aug 64

265,159

Problems of the Asymptotic Theory of Nonstationary
Vibrations, by Yu. A. Mitropolskii, 391 p.

RUSSIAN, Mono, Problemy Asimptoticheskoi Teorii
Nestatsionarykh Kolebaniy, 1964.

IPST-2167

Sci-Phys
Jul 66

304,482

Synthesising Automatic Control Systems, by
S. P. Gelfenbein, V. P. Elizarov.
RUSSIAN, par. Problemy Avtomat s-kh Proizv.
1964, pp 211-233.
NIL Ref: 9022.7 (184)

Sci-Koch Ingr
Aug 68

361.858