

BARASHKOV, S.G.

Use of centrifugal film distillation apparatus. Med.prom. 12
no.11:34-37 N '58 (MIRA 11:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut im. S.Ordzhonikidze.
(DISTILLATION APPARATUS)

BARASHKOV, S.G.

Obtaining hydrochloric and sulphuric acid in the production of
phenylurethylansulfochloride and acetanilidesulfochloride.

Khim. i med. no. 12:27-30 '59.

(MIRA 13:10)

(HYDROCHLORIC ACID) (SULFURIC ACID) (CHLORIDES)

ALYAVDIN, N.A.; BARASHKOV, S.G.

Use of a rotary dryer for drying pharmaceutical chemicals. Med.
prom. 13 no.8:42-48 Ag '59. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S. Ordzhonikidze.
(DRYING APPARATUS)

DARASHKOV, S.G.

Method of continuous nitration of phenylmethylcarbinol.
Med.prom.17 no.440-43 Ap '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(BENZYL ALCOHOL) (NITRATION) (ANTIBIOTICS)

SVIRIDOV, A.P.; KOREPIN, Ye.A.; BYSTROV, A.I.; KARPOV, V.G.; BARASHKOV, S.K.

Supersound projector equipped with Y-cut quartz piezoelectric cells.
Izv.vys.ucheb.zav.; prib. no.1:34-37 '59. (MIRA 12:11)

1. TSentral'naya nauchno-issledovatel'skiaya laboratoriya mestnoy
promyshlennosti Leningorispolkoma.
(Ultrasonic waves--Industrial applications)

NOSOV, V.A., kand.tekhn.nauk; BARASHKOV, S.K.; GOLOTA, P.A.; YEKIMOV, V.K.

Selective measurement of alkali concentration in multiple
component solutions of aluminum production. Avtom.i prib.
no.3:58-60 J1-S '62. (MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR.
(Alkalies)
(Aluminum industry)

BARASHKOV, Sergey Konstantinovich; EYSTROV, Anatoliy Ivanovich; KARPOV, Vladimir Gavrilovich; KOREPIN, Yevgeniy Andreyevich; SVIRIDOV, Anatoliy Petrovich; MIKHALEV, B.Ye., inzh., red.; FREGER, D.P., red. izd-va; GVIRTIS, V.L., tekhn. red.

[Ultrasonic radiator made from barium titanate ceramics for technological applications] Izluchateli ul'trazvuka iz keramiki titanata bariia dlia tekhnologicheskikh primenenii. Leningrad, 1960. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya: Elektricheskie metody obrabotki materialov, no.1) (MIRA 14:11)

(Ultrasonic waves)

NUSOV, V.A., kand.tekhn.nauk; BARASHKOV, S.K.; DYACHENKO, M.A.; SOSENKO,
A.P.

Ultrasonic instrument for measuring electrolyte concentration.
Avtom.i prib. no.1:56-59 ~~Ja-Mr~~ '62. (MIRA 15:3)

1. Institut avtomatiki Gosplana USSR.
(Ultrasonic testing)

MOROZOV, V.I.; VORONICHEV, N.M.; NAUDIN, Yu.V.; GARMAZA, V.A.; MEDVEDEV, G.I.;
KAMEKETSIIY, I.M.; IZOKH, V.V.; BARASHKOV, V.D.; EMPARAPULO, V.Kh.;
RAYEVSKIY, N.P.; SYASHKOV, Yu.M.; GRISHIN, V.P.; SMYSLOV, I.I.;
ROMANENKO, Yu.M.; SAKHAROV, B.E.

Innovations. Avtom. i prib. no.2:61-62 Ap-Je '65.

(MIRA 18:7)

BARASHKOV, V.S.; BLOKHINTSEV, D.I.; MIKHUL, E.K.; PATERA, I.;
SEMASHKO, G.L.; SARANTSEVA, V.R., tekhn. red.

[Polar theory of Λ -hyperon production in π N-interactions at high energies] Poliusnaia teoriia rozhdeniia Λ -giperonov v π N-vzaimodeistviakh pri bol'shikh energiakh. Dubna, Ob"edinennyi in-t iadernykh issledovani, 1963. 16 p. (MIRA 16:6)

1. Institut atomnoy fiziki v Bukhareste (for Mikhul).
(Hyperons) (Mesons)

BARASHKOV, Ya. A.

Preparing perfumery oil from Grozny paraffin filtrate.
 Ya. A. Barashkov and E. M. Velikovskaya. *Neftyne*
 Kkayulstro 27, No. 2, 74 501935). The stock used in
 the prepn. of perfumery oil had a sp. gr. of 0.8781, P_{50}
 viscosity 1.85, Brecken fl. 160°, exsicc. resins 4%, pour
 point +12° and a paraffin content of 8.10%. This oil
 yielded after distn. 24% of the perfumery-oil distillate.
 The latter was treated with 45% of oleum contg. 18.20%
 SO₃, the sludge sepd. and the sulfonic acids were extd.
 from the oil with C₂H₅OH. This method effected 10%
 saving in acid and the finished oil, which complied with
 the specifications, contained 18.5-19.7% paraffin.
 A. A. Bochtchuk

ASME SLA METALLURGICAL LITERATURE CLASSIFICATION

BARASHKOVA, E.A.

Effect of gibberellic acid on the growth of *Cladonia regiferina*
(L.) Web. Bot. zhur. 45 no.5:748-750 My '60.

(MIRA 13:7)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
Kraynego Severa, g. Noril'sk.
(Gibberellic acid) (Lichens)

BARASHKOVA, E. A., Cand Bio Sci -- "Effect of certain stimulating agents ^{11/20}on the growth of lichen." Len, 1961. (Acad Sci USSR. Botan Inst im V. L. Komarov) (KL, S-61, 236)

- 133 -

BARASHKOVA, E.A.

Nutrition of *Cladonia rangiferina* (L.) Web. through the dead part of podetia. Bot. zhur. 48 no.4:588-591 Ap '63. (MIRA16:5)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva Kraynego Severa, Noril'sk.

(Lichens)

BARASHKOVA, E.A.

Accelerated restoration of the forage lichen supply by the use of growth
stimulators. Probl. Sev. no.7:135-139 '63. (MIRA 17:2)

BAFASHEOVA, E.A.

Rapid growth of the reindeer moss *Cladonia rangiferina* (L.) Web.
Bot. mat. Otd. spor. rast. 14:14.20 Ja'61. (MIRA 17:2)

MAYRANOVSKIY, S.G.; BARASHKOVA, N.V.; ALASHEV, F.D.; ZVORYKINA, V.K.

Polarographic study of N-oxides of anabasine and N-methylanabasine. Izv.AN SSSR Otd.khim.nauk no.5:938-940 My '60.
(MIRA 13:6)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo Akademii nauk SSSR.

(Anabasine)

MAYRANOVSKIY, S.G.; PONOMARENKO, V.A.; BARASHKOVA, N.V.; SNEGOVA, A.D.

Polarographic study of iodomethyltrialkylsilanes. Unusual
polarographic maximum on the iodomethylphenyldimethylsilane.
Dokl.AN SSSR 134 no.2:387-390 S '60. (MIRA 13:9)

1. Institut organicheskoy khimii im. N.D.Zelinskogo Akademii
nauk SSSR. Predstavleno akademikom A.A.Balandinym.
(Silane)

MAYRANOVSKIY, S.G.; BARASHKOVA, N.V.; ALASHEV, F.D. (Moscow)

Polarographic behavior of anabasine. Zhur. fiz. khim. 35
no.2:435-443 F '61. (MIRA 16:7)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.
(Anabasins) (Polarography)

MAYRANOVSKIY, S.G.; BARASHKOVA, N.V.

Catalytic adsorption pre-wave on polarograms of pyridine solutions.
Izv. AN SSSR Otd.khim.nauk no.1:186 Ja '62. (MIRA 15:1)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Pyridine) (Polarography)

MAYRANOVSKIY, S.G.; GRIGOR'YEVA, N.Ya.; BARASHKOVA, N.V.; KUCHEROV, V.F.

Conjugation factors in cyclic systems. Report No.6: Use of
polarographic and potentiometric methods for studying electron
interchange effects in cyclohexadiene-1,2-dicarboxylic acids
and their methyl esters. Izv.AN SSSR.Otd.khim.nauk no.2:240-
245 F '63. (MIRA 16:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Cyclohexadienedicarboxylic acid)
(Polarography) (Potentiometric analysis)

National Archives, College Park, MD; National Archives, College Park, MD.

Source: and photograph of a man in a suit and tie, standing in front of a building.
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Source: and photograph of a man in a suit and tie, standing in front of a building.

MAYRANOVSKIY, S.G.; BARASHKOVA, N.V.; ALASHEV, F.D.

Polarographic study of N-oxide of N-methylpiperidine. Kinetic
waves of N-oxides. Zhur. fiz. khim. 36 no.3:562-566 Mr '62.
(MIRA 17:8)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR,
Moskva.

MAYRANOVSKIY, S.G.; BARASHKOVA, N.V.; VOL'KENSHTEYN, Yu.B.

Polarography of 2-acetylthiophene and its bromo derivatives. On the preceding protonation in the electrochemical breaking of the C-Br bond of 5-bromo-2-acetylthiophene. Izv. AN SSSR. Ser. Khim. no.9:1539-1547 '65. (MIRA 18:9)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

MAYRANOVSKIY, I.O.; BARASHKOVA, N.V.; VOL'KANSKIY, Yu.B.

Chromatography of bromothiophene; effect of the organic solvent concentration on the half-wave potentials. Elektrokhimiya 1 no.1:72-77 Jan '65. (MIRA 16:5)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

BOLOBONOV, A.M.; BARASHKOVA, Ye.A.; SLITKOVA, A.A., inzh.

New method of hypochlorite-peroxide bleaching of linen fabrics.
Tekst.prom. 20 no.10:58-59 0'60. (MIRA 13:11)

1. Glavnyy inzhener Yakovlevskogo l'nokombinata (for
Bolobonov). 2. Zaveduyushchiy khimicheskoy laboratoriyey
Yakovlevskogo l'nokombinata (for Barashkova).
(Bleaching) (Linen)

BARASHKOVA, Ye. P.

"Daily Minimum of Counter Radiation".

Trudy Gl. geofiz. observ., No 46, pp 134-138, 1955

In accordance with measurements by means of the effective pyranometer at Kara-Dag (Crimea) the author computed the magnitudes of the counter (incident) radiation of the atmosphere from the formula $E_g = e_g - S' D - sT^4$ (e_g is effective radiation, S the direct, D the scattered radiation, and sT^4 the radiation of the blackened disk of the pyranometer). He presents a table of the mean monthly values of E , measured in 1952 for six observations per day. The daily (24 hours) minima of counter radiation is referred to the midday hours, which contradicts the increase at this time of the absolute humidity and temperature of the underlying surface, since the counter radiation is an increasing function of these quantities. He analyzes this contraction. (RZhGeol, No. 9, 1955)

SO: Sum No 812, 6 Feb 1956

BARASHKOVA, Ye. P.

"Dependence of Scattered Radiation on the Factor of Turbidity".
Trudy Gl. geofiz. observ., No 46, pp 139-141, 1955

According to observations at Kara-Dag (Crimea), and investigation was carried out on the dependence of scattered radiation (D) upon the magnitude of the turbidity factor (T). For this purpose a compilation was made separately for each standard atmospheric "Mass" m of the values T computed according to the familiar formula of Linke, and the magnitude of the intensity of scattered radiation from measurements by the Yanishevskiy pyranometer. Graphs of the dependence of D upon T show how also creasing turbidity for all values of m. However, with decteasing height the atmosphere absorption by water vapor predominates in the process of weakening of direct radiation. (RZhGeol, No. 9, 1955)

SO: Sum No 812, 6 Feb 1956

BARASHKOVA, Ye. P.

36-68-15/18

AUTHOR: Barashkova, Ye. P.

TITLE: Correlation Between Direct and Scattered Radiation
(Sootnosheniye mezhdru pryamoy i rasseyannoy
radiatsiyey)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii
1957, Nr 68, pp. 181-183 (USSR)

ABSTRACT: The article examines an empirical ratio between the
quantities of direct and dispersed radiation. Changes
in this ratio depend on seasonal factors and geographic
positions. The article quotes from N.N. Kalitin who
conducted observations at 17 Russian stations, the lo-
cations of which are given. There is 1 figure, 1 table
and 1 USSR reference.

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BARASHKOVA, Ye. P.

36-68-16/18

AUTHOR: Barashkova, Ye. P.

TITLE: Direct Radiation at Karadag (Pryamaya radiatsiya v Karadage)

PERIODICAL: Trudy Glavnoy geofizicheskoy observatorii
1957, Nr 68, pp. 184-194 (USSR)

ABSTRACT: This is a report on observations conducted during the last 15 years at Karadag on the Black Sea on the amount of direct radiation in that region. A comparison is drawn between data obtained there and data received from other Russian observatories. These data include the intensity of direct radiation and its daily and monthly amounts. The amount of direct radiation is determined by the duration of solar radiation and a formula is given on how to calculate this duration. The conclusion is that the total amount of direct radiation at Karadag is 36 percent less than at Tashkent although it is generally higher than elsewhere in Russia. There are 3 figures, 8 tables and 9 USSR references.

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SARASHKINA, Ye. P.

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PHASE I BOOK EXPLOITATION

SOV/1880

Leningrad. Glavnaya geofizicheskaya observatoriya

Mikroklimat severnoy chasti Kazakhskogo melkosopochnika (Microclimate of the Northern Part of the Kazakh Hummocky Region) Leningrad, Gidrometeoizdat, 1958. 207 p. Errata slip inserted. 800 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Ed. (Title page): I.A. Gol'tsberg, Doctor of Geographical Sciences;
Ed. (Inside book): V.D. Pisarevskaya; Tech. Ed.: N.V. Volkov,

PURPOSE: This book is intended for meteorologists, agronomists, workers on collective farms, and the interested layman.

COVERAGE: This book provides a climatic description of the Kazakh "Melkosopochnik" (hummocky region). It lists the results of studies

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Microclimate of the Northern Part (Cont.)

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made on the microclimate of the region. Individual chapters deal with the physical phenomena underlying and shaping the microclimatic features, and the effect the latter have upon the region's agriculture. The work was prepared by members of the GGO and the KazNIGMI. A map on the recurrence of drought was drawn up by Doctor of Agricultural Sciences A.M. Alpat'yev and scientific worker A.I. Trofimova of the Vsesoyuznyy institut rasteniyevodstva. Ye.I. Kuznetsova worked on data dealing with the temperature of the active slopes of Li Pkhil' En and the changes in prevailing air currents brought about under the influence of relief. The chart showing the amount of precipitation during the warm period of the year was drawn up by L.P. Kuznetsova under the direction of Doctor of Geographical Sciences O.A. Drozdov (GGO). There are 89 references of which 81 are Soviet, 6 German, 1 French, and 1 English.

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BARASHKOV, Ye. P.

3(7): 24(3)
Leningrad, Glavna geofizicheskaya observatoriya
Issledovaniye radiatsionnykh protsessov (Study of Radiation Processes)
grad, Gidrometeorologii, 1959. 142 p. (Series: Iz. Tudy, 77. 80) Errata
slip inserted. 1,200 copies printed.
Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri
Sovetskom Ministre SSSR.

Ed. (Title page): V. L. Gayevskiy, Candidate of Geographical Sciences; Ed.
(Inside book): V. D. Pisarenkov; Tech. Ed.: A. N. Gergiyev.

PURPOSE: This book is intended for geophysicists and engineers studying
radiation phenomena.

CONTENTS: This collection of articles treats problems in optics of the
atmosphere and activity. Results of theoretical and experimental
investigations of visibility, haze, transparency of the atmosphere
and the radiation regime of both the active surface and the atmosphere
are shown. Individual articles deal with the mobility of atmospheric
observations. No personalities are mentioned. References accompany
each article.

For - Markaryants, N. Ye. Computing the Albedo of Water Surfaces

Barashkova, Ye. P. Certain Regularities in the Regime of Total
Radiation

Barashkova, Ye. P. Scattered Radiation in Karadag

Barashkova, Ye. P. Computing the Daily Sum of Total Radiation Accord-
ing to Standard Observations

Barashkova, Ye. P. Turbidity of the Atmosphere in Karadag

Collier, V. J. The Problem of Measuring Infrared Radiation With an
Instrument Protected by a Polyethylene Window

Gulyayev, B. I. Spectral Error of Instruments Measuring Plant Radiation

Gulyayev, B. I. Computing the Coefficient Characteristic of Instruments
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BARASHKOVA, Ya.P.

Long-wave radiation balance of the underlying surface according
to observations made in Karadag. Trudy GGO no.100:141-153
'60.

(Radiation) (Meteorology)

(MIRA 13:6)

..BARASHKOVA, Ye.P.

Relationship between long-wave atmospheric radiation and meteorological elements. Trudy GGO no.100:154-163 '60.

(Radiation) (Meteorology) (MIRA 13:6)

BR

PHASE I BOOK EXPLOITATION

SOV/5957

Barashkova, Yelena Pavlovna, Vasiliy Leonidovich Gayevskiy,
Lyudmila Nikolayevna D'yachenko, Kira Mikhaylovna Lugina,
and Zinaida Il'inichna Pivovarova

Radiatsionnyy rezhim territorii SSSR (Radiation Regime of the
USSR) Leningrad, Gidrometeoizdat, 1961. 527 p. Errata
slip inserted. 1500 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy
sluzhby pri Sovete Ministrov SSSR. Glavnaya geofizicheskaya
observatoriya im. A. I. Voyeykova.

Ed.: G. Ya. Rusakova; Tech. Ed.: A. G. Alekseyev.

PURPOSE: This book is intended for meteorologists and geo-
physicists.

COVERAGE: This is a survey and analysis of the radiation regime
of the USSR. The authors investigate the relationship between

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Radiation Regime of the USSR

SOV/5957

the various components of the radiation balance and individual meteorological elements, and analyze the time and space distribution of basic factors in the radiation regime. The study is based on data concerning the total, diffuse, direct, reflected, and effective radiation, the radiation balance, and the albedo which were obtained from observations by meteorological stations of the Hydrometeorological Service of the USSR. Observations from 98 stations (none located above an altitude of 850 m) were used. The following characteristics were considered for each of the above elements: distribution by territory; intensity; radiation rates by day, month, and year; and presence and absence of cloud cover. Most of these observations were made between 1954 and 1959 and, except at stations in Siberia and the [Soviet] Far East, were conducted for periods of not less than four years. Thermoelectric actinometers, balance meters, and pyranometers were used. A map and a comprehensive list giving the location and a description of the surrounding countryside for all actinometric stations at which observations were made are included. The

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Radiation Regime of the USSR

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data used in the study are presented in 35 tables in the two appendixes following the text. The following members of the Main Geophysical Observatory participated in the preparation of the book: V. P. Agapova, G. S. Barkan, M. A. Yemel'yanovich, L. I. Kuz'mina, V. B. Leont'yeva, L. V. Ostrozhinskaya, V. G. Poddubnyak, L. M. Rudikov, G. I. Ryumina, Z. Ya. Subbotina, N. K. Titova, and L. T. Khalezova. There are 145 references: 118 Soviet, 15 German, 9 English, and 3 French.

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AVAILABLE: Library of Congress	
SUBJECT: Geophysics	

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S/169/52/000/005/048/093
D22S/D307

AUTHOR: Barashkova, Ye. P.

TITLE: Radiation balance of Karadag

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 19, abstract 5B130 (V sb. Aktinometriya i atmosf. optika, L., Gidrometeoizdat, 1961, 42-47)

NOTE: The diurnal and the annual variation of the radiation balance's components is analyzed from observations at Karadag. The average diurnal and annual variation of the radiation balance over a three-year observational period is given, as are its daily and monthly totals. Under average cloud conditions for the same period the radiation balance's dependence on the sun's elevation is investigated (a graph is adduced). A formula is proposed for expressing the dependence of the radiation balance's mean values on the sun's elevation, and its constant coefficients for several points are considered. A formula is also suggested for the dependence of the ra-

Card 1/2

Radiation balance of Karadag

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radiation balance's daytime totals on the noon elevation of the sun for a number of points with different latitudes, and the values of the coefficients in relation to the latitude are cited. Attention is attracted to the dependence of the radiation balance's mean monthly totals on astronomic factors, despite the change in the cloudiness and in the albedo. The relations of the radiation balance's monthly totals to the sun's noon elevations according to observations at different points are given in the form of a graph. [Abstracter's note: Complete translation.]

Card 2/2

BARASHKOVA, Ye.P.

Long-wave balance at some points of the U.S.S.R. Trudy GGO
no.109:25-37 '61.

(Solar radiation)

(MIRA 14:5)

BARASHKOVA, Ye.P.

Relation between the monthly totals of direct solar radiation
incident on surfaces horizontal or perpendicular to the beam.
Trudy GGO no.125:76-81 '62. (MIRA 15:6)
(Solar radiation)

BARASHKOVA, Ye.P.

Methodology of calculating longwave flows in the cloudless
troposphere. Trudy GGO no.152:68-80 '64. (MIRA 17:7)

L 3868-66 EWT(1) GW
ACCESSION NR: AT5025238

UR/2531/65/000/170/0170/0176

AUTHOR: Barashkova, Ye. P.

TITLE: Vertical distribution of long-wave radiation fluxes in the atmospheric layer near the surface of the earth

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 170, 1965. Issledovaniye radiatsionnykh protsessov v atmosfere (Investigation of radiation processes in the atmosphere), 170-176

TOPIC TAGS: earth radiation, radiation intensity

ABSTRACT: The author reports on measurements of the vertical distribution of long-wave radiative flux at eight levels in the 1.5 m layer of air near the ground at night. The measurements were made in the summer of 1962 in Voyeykovo. The fast-response compensation thermoelement used in making the measurements is described in detail. Temperature readings could be taken within an accuracy of 0.1°, and interpolation could be used in the case of a linear temperature variation for accuracy to 0.01°. The method used for calibration of the instrument is described. The results of the measurements are presented in graphic form. It was found that both the

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ACCESSION NR: AT5025238

ascending and descending fluxes in the layer of air near the ground vary extremely irregularly with height. The gradients observed vary within $\pm 0.6 \cdot 10^{-4}$ cal/cm²·min. cm. Orig. art. has: 5 figures, 4 formulas.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya (Main Geophysical Observatory)

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SUB CODE: ES

NO REF SOV: 000

OTHER: 001

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Card 2/2

L 2542-66

EWT(1)

GW

ACCESSION NR: AT5025239

AUTHOR: Barashkova, Ye. P.

UR/2531/65/000/170/0177/0180

TITLE: On the vertical distribution of the upwelling longwave fluxes in the lower half-km atmospheric layer

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 170, 1965. Issledovaniye radiatsionnykh protsessov v atmosfere (Investigation of radiation processes in the atmosphere), 177-180

TOPIC TAGS: longwave radiation, upwelling radiation; exponential function, radiation gradient

ABSTRACT: The vertical flux of longwave radiation has been investigated in the atmospheric layer from the ground to a height of 500 m using data from aerostat soundings. Theoretical computations of the upwelling radiation were carried out with Shekhter's diagram. The ground temperature was taken as the temperature of the grass surface, which is a little lower in the daytime and a little higher at night than the temperature of barren soil. The upwelling radiation flux in a cloudless sky in the troposphere may be expressed by an exponential function, depending upon the temperature differences. The ratio of the intensity of the upwelling radiation in the air

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ACCESSION NR: AT5025239

to the intensity of the same radiation at the ground diminishes gradually independent of the cloud state. The rate of gradients in the atmospheric layer from the ground to 500 m is given in a table in the original article. Orig. art. has: 4 figures, 1 table, and 2 formulas. [EG]

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

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ATD. PRESS: 410

NO REF SOV: 003

Card 2/2 *md*

ACC NR: AT6031974

(N)

SOURCE CODE: UR/3199/66/000/015/0072/0079

AUTHOR: Barashkova, Ye. P.

ORG: none

TITLE: Spectral properties of a radiometer with a KRS-5 filter

SOURCE: AN SSSR. Mezhdunarodstvennyy geofizicheskiy komitet. Meteorologicheskiye issledovaniya, no. 15, 1966, 72-29

TOPIC TAGS: radiometer, long wave flux, ^{light}radiation, ^{light}filter, reflection spectrum, ^{light}reflection coefficient / KRS-5 ^{light}filter

ABSTRACT: The article presents information on the spectral properties of the reflection coefficient for a receiving radiometer surface covered with a layer of magnesium oxide mixed BF-6 glue, as well as of the transmission coefficient of a KRS-5 filter. Based on this information and on published data of the spectral distribution of direct and diffuse radiation, and that reflected from the underlying surface, the short-wave corrections for the long-wave fluxes measured by the radiometer are estimated. When the sky is clear and the receiving surface is shaded from direct rays, these corrections for the descending long-wave fluxes reach 1-3% and for the ascending long-wave fluxes, 3-10%. When the sky is overcast, the correction for the descending long-wave flux can reach 2-17%, for the ascending, 1-7%. Orig. art. has: 3 figures and 8 formulas.

SUB CODE: 0420 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 001

ACC NR: AT6031976

(N)

SOURCE CODE: UR/3199/66/000/015/0083/0092

AUTHOR: Barashkova, Ye. P.; Vasishcheva, M. A.; Koblova, Z. P.

ORG: none

TITLE: Methods and results of radiometer calibration

SOURCE: AN SSSR. Mezhdunarodstvennyy geofizicheskiy komitet. Meteorologicheskiye issledovaniya, no. 15, 1966, 83-92

TOPIC TAGS: radiometer, hemispheric radiator, snow hemisphere, Falkenberg method, radiation, *INSTRUMENT CALIBRATION EQUIPMENT*

ABSTRACT: The article describes two ways of calibrating radiometers. The first involves a heated hemispherical radiator and the second uses Falkenberg's method. It is shown that the calibration of instruments using the heated radiator, according to the accepted methods, provides conversion factors of 0.3% accuracy while those obtained by Falkenberg's method are, on the average, 10% higher. Orig. art. has: 7 figures and 3 tables.

SUB CODE: 04/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Card 1/1

USSR/Human and Animal Physiology (Normal and Pathological) T
The Effect of Physical Factors. Ionizing Irradiation

Abs Jour : Ref Zhur Biol., No 6, 1959, 27198

Author : Kosmarskaya, Ye.N., Parashnev, Yu.I.

Inst : -

Title : The Influence of a Single Irradiation with X-Rays on the
Developing Brain in Rats

Orig Pub : Med. radiologiya, 1958, 3, No 2, 23-31

Abstract : The influence of Roentgen irradiation in doses of 250-
500 r on developing brain (B) of white rats at ages up
to 14 days was studied. On 14-17th day of life, the
posterior parts of hemispheres of brain did not yet
cover lamina quadrigemina; vermis was poorly differen-
tiated from the hemispheres of the cerebellum. The cere-
bellum was small in volume, its laminae were less convex
and less correctly located; the growth of superior vermis
was especially disturbed. Lagging of differentiation of

Card 1/2

- 174 -

KLOSOVSKIY, B.N., prof. LEBEDEV, B.V., BARASHNEV, Yu.I.

Problem of open exterior-interior hydrocephalus in infants.
(MIRA 11:11)
Sov.med. 22 no.11:20-24 N '58

1. Iz otdeleniya po izuchniyu razvitiya mozga (zav. chlen-korrespondent AMN SSSR prof. B.N. Klovovskiy) Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva).
(HYDROCEPHALUS, diag.
exterior-interior, ventriculography (Rus))
(VENTRICULOGRAPHY, in various dis.
hydrocephalus, exterior-interior (Rus))

LEBEDEV, B.V.; BARASHNEV, Yu.I.

Peculiarities in the development of children who suffered from asphyxia at birth. Vop. okh. mat. i det. 3 no.1:29-33 Ja-P '59. (MIRA 12:2)

1. Iz laboratorii po izucheniyu razvitiya mozga (zav. - chlen korrespondent AMN SSSR prof. B. N. Klosovskiy) Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva).
(ASPHYXIA) (CHILDREN--GROWTH)

KOSMARSKAYA, Ye.N.; BARASHNEV, Yu.I.

Effect of a single roentgen irradiation on the growth of the cerebral capillaries [with summary in English]. Med.rad. 4
no.1:35-41 Ja '59. (MIRA 12:2)

1. Iz otdela razvitiya mozga (zav. - chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii AMN SSSR.
(BRAIN, blood supply,
capillaries, eff. of x-rays on postnatal develop.
(Rus))
(ROENTGEN RAYS, effects,
on brain capillaries postnatal develop. (Rus))

KOSMARSKAYA, Ye.N.; BARASHNEV, Yu.I.

Development of the brain in animals irradiated with roentgen rays at various stages of extrauterine life. *Pediatrics* 37 no.11:33-37 N '59.
(MIRA 13:3)

1. Iz laboratorii izucheniya razvitiya mozga (zaveduyushchiy - chlen-korrespondent AMN SSSR prof. B.N. Klovskiy) Instituta pediatrii AMN SSSR (direktor - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva).

(BRAIN radiation effects)

BARASHNEV, YU. I., CAND MED SCI, "DIABETES AND PREDIABETES
OF PREGNANT WOMEN AS AN INJURIOUS FACTOR IN THE DEVELOPMENT
OF THE BRAIN OF THE FETUS AND THE CHILD." MOSCOW, 1961.
(ACAD MED SCI USSR). (KL-DV, 11-61, 227).

-238-

BARASHNEV, Yu.I.

Prevention of the injurious effect of prediabetes and diabetes mellitus in the mother during pregnancy on the development of the nervous system of the child. *Pediatrics* 39 no.3:8-14 Mr '61. (MIRA 14:4)

1. Iz laboratorii po izucheniyu razvitiya mozga i psiko-nevrologicheskoy kliniki (zav. - cheln-korrespondent AMN SSSR prof. B.N. Klosovskiy) Instituta pediatrii AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva).
(PREGNANCY, COMPLICATIONS OF) (DIABETES)
(BRAIN) (INFANTS (NEWBORN)—DISEASES)

BARASHNEV, Yu.I.

Development of the nervous system in children whose mothers
suffered from prediabetes during pregnancy. Vop. okh. mat.
i det. 7 no.2:54-61 F '62. (MIRA 15:3)

1. Iz laboratorii po izucheniyu razvitiya mozga i psikhonevrolo-
gicheskoy kliniki (zav. - chlen-korrespondent AMN SSSR prof.
B.N. Klovovskiy) Instituta pediatrii AMN SSSR (dir. - dotsent
M.Ya. Studenikin).

(DIABETES)

(NERVOUS SYSTEM)

(PREGNANCY, COMPLICATIONS OF)

MOSKACHEVA, K.A.; MIRIMOVA, T.D.; SHPARO, L.A.; NEBOL'SINA, L.I.;
BARASHNEV, Yu.I.

Radiation lesions in children as a result of treating malignant and
benign tumors. Med.rad. 7 no.7:38-45 JI '62. (MIRA 15:11)

1. Iz Instituta pediatrii AMN SSSR (zav. rentgenologicheskimi otde-
lom - doktor meditsinskikh nauk K.A. Moskacheva).
(RADIATION SICKNESS) (CANCER) (TUMORS)

KLOSOVSKIY, B.N.; LEBEDEV, B.V.; BARASHNEV, Yu.I.; KHAULE I.V.

Etiology of phenylpyruvic oligophrenia. Nauch. inform. O'5.
nauch. med. inform. AMN SSSR no. 111 1961 (MIRA 10:11)

1. Institut pediatrii (direktor - prof. M.Ya. Stadenikin)
AMN SSSR, Moskva.

*

LEBEDEV, B.V.; BARASHNEV, Yu.I.

Etiology of Down's disease. Nauch. inform. Otd. nauch. med.
inform. AMN SSSR no.1:44-45 '61 (MIRA 16:11)

1. Institut pediatrii (direktor - dotsent M.Ya Studenikin)
AMN SSSR, Moskva.

*

BRONSHTEYN, Ma Grigor'yevna; BARASHNEV, Yu.I., ed.

[Care of prematurely born children in the family and
their development] Ukhod za nedonoshebnymi det'mi v sem'e
i ikh razvitie. Moskva, Meditsina, 1965. 101 p.
(MIRA 18:8)

BARASHNEVA, S.M.

Drinking regimen of nursing infants. Vop. pit. 22 no.5:
63-67 S-0 '63. (MIRA 17:1)

1. Iz otdela detskogo pitaniya (zav. -¹and. med. nauk
Yu.K. Polteva) Instituta pitaniya AMN SSSR, Moskva.

BARASHNEVA, S.M.

Some practical problems of a reasonable diet regime for
children under 1 year of age. Vop.pit. 24 no.3:57-61
My-Je '65. (MIRA 18:12)

1. Otdel detskogo pitaniya Instituta pitaniya AN SSSR,
Moskva. Submitted July 7, 1964.

YUDIN, V.A.; BARASOV, G.A.; FUFAYEVA, G.I., red.; CHIZHEVSKIY,
E.M., tekhn. red.

[Collection of problems and examples in the theory of
mechanisms and machines] Sbornik zadach i primerov po teo-
rii mekhanizmov i mashin. [n.p.] Rosvuzizdat, 1963. 282 p.
(MIRA 16:10)

(Mechanical engineering--Problems, exercises, etc.)

MINDEL', Ye.M., kand.tekhn.nauk; BARASTOV, L.P., inzh.; KHOLIN, A.I., inzh.

Improving work conditions for tractor operators. Trakt. i sel'-
khoz mash. 33 no.8:17-20 Ag '63. (MIRA 16:11)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny
institut.

BARASZ, A.

Contribution to the epidemiology of infectious hepatitis on the basis of
an epidemic in a sanatorium. Orv. hetil. 94 no.28:766-771 12 July 1953.
(CLML 25:1)

1. Graduate student.

BARASZ, Zoltan, asprians

Diagnosis of clinically atypical forms of dysentery. Orv. hetil.
95 no.39:1060-1064 26 Sept 54.
(DYSENTERY, BACILLARY, diag.
atypical forms)

BARASZ, Zoltan,

Macroscopic alterations of the intestinal mucous membrane in
adult dysentery. Orv. hetil. 96 no.37:1019-1024 11 Sept 55.

1. Az Orszagos Kozegeszsegugyi Intezet Jarvanyugyi Oszt. es a
VIII. Keruleti Tanacs Szakorvosi Rendelointezetenek (Szanto-Kovacs
J. utca 4.) kozlemenye.

(DYSENTERY BACILLARY, pathology,
intestinal mucosa, in adults)

BARASZ, Zoltan, dr.

Bacillus carriers in dysentery and chronic dysentery.
Orv. hetil. 98 no.18:469-474 4 May 57.

1. A VIII. ker. Tanacs Szanto-Kovacs Janos utcai Rendelointezetenek
(igazgato-foorvos: Somogyi, Erno, dr.) kozlomenye.
(DYSENTERY, BACILLARY
carriers, detection & control (Hun))

BARASZ, Zoltan, Dr.; BOSZORMENYI, Miklos, Dr.

Significance of serial culturing in paucibacillary processes. Tuberkulozis
11 no.1-2:4-6 Jan-Feb 58.

1. Az Országos Koranyi Tbc Intezet I. osztalyanak (igazgato es oszt. vez.
foorvos: Boszormenyi Miklos dr., tudomanyos vezető: Foldes Istvan dr.)
közleménye.

(TUBERCULOSIS, diag.

serial culturing in paucibacillary processes (Hun))

RAUSS, K.; BARASZ, Z.; KETYI, I.

Immunological investigation of patients suffering from chronic dysentery and of chronic carriers. J.hyg.epidem., Praha 4 no.2: 142-150 '60.

1. Institute of Microbiology, University Medical School, Pecs.
(DYSENTERY BACILLARY immunol)

BARAT, Iren, dr.; BARASZ, Zoltan, dr.

Contribution to the treatment of recent tuberculous processes of the lung with 3 antitubercular agents. Tuberkulozis 13 no.11:327-330 N '60.

1. Az Orszagos Koranyi TBC Intezet (igazgato-foorvos: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) kozlemenye.

(ANTITUBERCULAR AGENTS ther)

BARASE, Zoltan, dr.; BUDAK, Imre, dr.; VILKIN, Izan, dr.

Diagnostic and therapeutic problems of open cavity healing.
Tuberculosis 10 no.11:322-367 1963.

1. Az Országos Kórházi Tbc Intézet (igazgató-főorvos: Hosszormenyi
Miklós dr., tudományos igazgató: Kórház István dr.) működése.

Dr. PAROS, Zoltan, Dr. SZARVAS, Ilona, Dr. Szekely Koranyi Institute for TB (director: Dr. SZARVAS, Ilona, Dr. scientific director: FOLDES, Istvan, Dr) (Orszagos Koranyi Tbc Intezet).

"Results of Resections Performed Because of Pulmonary Tuberculosis."

Orszagos Koranyi Intezet, Vol 108, No 10, 5 Mar 67, pages 433-436.

[Authors' Hungarian summary modified] 1) The late surgical results of 455 patients from Budapest have been examined who underwent surgery at the Szekely Koranyi Institute between 1955-57. The follow-up was successful insofar as it involved the condition of every patient was evaluated. 2) The condition of every patient was evaluated on the basis of X-ray, bacteriological and functional studies. 3) At the time of the examination, 87 per cent of the patients were free of symptoms, 5 per cent were ill and 20 of them (8 per cent) had died. 4) Of those who recovered, 249 (55 per cent of the cases) are employed. 5) The therapeutic results are determined on the original condition of the patients, the X-ray morphological changes and the bacteriological findings. 6) Of prognostic importance from the aspect of late therapeutic results is the immediate postoperative course. 7) Favorable late results can be expected in only about 60 per cent of the cases which had severe complications while lasting success can be expected in about 90 per cent of the cases free of complications. 8) The conclusions reached by the analysis of the above patient material are applicable

BARAT, Carol A.

Old and modern means of research used in the study of the Quaternary lithology in Rumania. Trav Muz Nat 4:547-561 '63.

Barst, J.

Barst, J.

"Flying Colours." p. 14.

(Aviation Radio. Vol. 9, no. 24, June 1953, Subquest.)

30: Monthly List of East European Acquisitions, Vol. 3, No. 9, Library of Congress, September 1950, Encl.

BARAT, ENDRE

Zengo szobrok; kalandos kozelkeleti naplo.

Budapest, Hungary, Tancsics Konyvkiado, c1958, 202 p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
Uncl.

BARAT, G. 1941

(A Budapesti Pat. Pat. Tud. Koreslettani Inst. es az Orszagos Balneologiai Kutato
Centezet Kozlomenye)

"Effect of the Medicinal Mineral Water No. 1, of Hadjuszoboszlo on Metabolism."

Orvosi Hetilap, 1949, 90/19(596-599)

Abst: Exc. Med. 11, Vol. 111, No. 4, p. 500

BARAT, Gyorgy

For a planned standardization in the hosiery industry! Szabvany
kozl 15 no.6:131-133 Je '63.

1. The first of these is the

fact that the United States has a large and growing
cloth textile industry. This industry is the

largest in the world and is a major source of
employment and income for the United States.

1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order. The names are: [illegible]

2. The second part of the document is a list of the topics that were discussed at the meeting. The topics are listed in alphabetical order. The topics are: [illegible]

3. The third part of the document is a list of the actions that were taken at the meeting. The actions are listed in alphabetical order. The actions are: [illegible]

BARAT, GYORGY, textilmernok; FURAT, Jozsefne, dr., iparagi elso; KISS, Jancsno, textiltechnikus; OBLATT, Marcell, textiltechnikus

Standardization of knitting industry products. Szabvány kozl
17 no.3:129-133 Mr '65.

1. Hungarian Bureau of Standards, Budapest (for Barat). 2. Commercial
Quality Control Institute, Budapest (for Furat). 3. Ministry of
Light Industry, Budapest (for Kiss). 4. Quality Control Institute
of the Textile Industry, Budapest (for Oblatt).

BARAT, I

BARAT, I
Influence of the autumn-winter period on drunkenness. p. 13

Vol. 8, No. 22, Nov. 1955 Budapest, Hungary AUTO MOTOR

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 3,
March, 1956

BARDET, I.; OCHESANU, Constanta

Influence of the variation of increasing or decreasing the length of the day on *Periplaneta americana*. *Studii biol Cluj* 14 no.2:219-222 '63.

I. Center of Biologic Research, Romanian Academy, Cluj Branch.

BARAT, I.; PAPP, A.

Isonicotinic acid hydrazide in the treatment of tuberculosis. Ther.
(CLML 24:5)
hung no.1:8-11 1953.

1. Publication of the State Koranyi Hospital for Tuberculosis (Director
--P. Dessauer, M.D.), Budapest.

BARAT, Iren, dr.; BARASZ, Zoltan, dr.

Contribution to the treatment of recent tuberculous processes of the lung with 3 antitubercular agents. Tuberkulozis 13 no.11:327-330 N '60.

1. Az Orszagos Koranyi TBC Intezet (igazgato-foorvos: Boszormenyi Miklos dr. kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandidatus) kozlemenye.

(ANTITUBERCULAR AGENTS ther)

BOSZORMENYI, Miklos, dr.; FAUSZT, Imre, dr.; BARABAS, Mihaly, dr.; BARATH,
Iren, dr.; MARTON Sandor, dr.; SERI, Istvan, dr.

Contribution to the choice of the most effective doses of streptomycin
in pulmonary tuberculosis. Tuberkulozis 14 no.9:264-267 S '61.

(STREPTOMYCIN ther)

BARAT, Iren, dr.; GYENEI, Ivan, dr.

Pulmonary adenomatosis with report of a case. Tuberkulozis 15 no.5:
140-142 My '62.

1. Az Országos Koranyi Tbc Intezet (igazgato foorvos: Boszormenyi
Miklos dr., kandidatus, tudomanyos igazgato: Foldes Istvan dr. kandi-
datus) kozlemenye.

(LUNG NEOPLASMS case reports)
(ADENOMA case reports)

BOSZORMENYI, Miklos, dr.; FAUSZT, Imre, dr.; BARABAS, Mihaly, dr.; BARAT, Iren, dr.; JAKAB, Zoltan, dr.; MAJZIK, Gabor, dr.; SCHWEIGER, Otto, dr.

The choice of drug to be combined with INH in the initial drug therapy of tuberculosis patients. Tuberkulozis 15 no.12:360-364 D '62.

1. Az Orszagos Koranyi Tbc Intezet (igazgato Foldes Istvan dr.) a Matrahazai Allami Tbc Gyogyintezet (igazgato foorvos: Lanyi Andor dr.) es a Csakvari Tbc Gyogyintezet (igazgato foorvos: Majzik Gabor dr.) kozlemenye.

(ISONIAZID)

(STREPTOMYCIN)

(AMINOSALICYCLIC ACID)

(THIOSEMICARBAZONES)

(TUBERCULOSIS, PULMONARY)

1
BARAT, Iren, dr.

Reminiscences of Frigyes Koranyi. Tuberkulozis 16 no.4/5:97-99
Ap-May '63.

(HISTORY OF MEDICINE, 19th CENT)
(BIOGRAPHIES) (EDUCATION, MEDICAL)

BARAT, I.

Work of the World health Organization in the fight against
tuberculosis. Org. hetil. 195 no.14:658-659 5 Ap'64

*

BARAT, I. Ye., Engr. Cand. Tech. Sci.

Dissertation: "Analysis of a System of Cable Cranes Using Lowering Carrying Cables and a Comparison of it with the Normal System." Moscow Order of the Labor Red Banner Construction Engineering Inst imeni V. V. Kuybysheo, 7 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)