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)

BARASHKOV, S.G.

Method of continuous nitration of phenylmethylcarbinol. Med.prom.17 no.4:40-43 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 Lengorispolkoma.
(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 Jl-S '62. (MIRA 16:2)

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

BARASHKOV, Sergey Konstantinovich; BYSTROV, Anatoliy Ivanovich; KARPOV, Vladimir Gavrilovich; KOREPIN, Yevgeniy Andreyevich; SVIRIDOV, Anatoliy Petrovich; MIKHALEV, B.Ye., inzh., red.; FREGER, D.P., red. izd-va; GVIRTS, 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. Seriia: Elektricheskie metody obrabotki materialov, no.1) (MIRA 14:11)

(Ultrasonic waves)

NOSOV, 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.; KAMENETSKIY, I.M.; IZOKH, V.V.; BARASHKOV, V.D.; EMPARAPULO, V.Kh.; RAYEVSKIY, N.P.; SHASHKOV, Yu.M.; GRISHIN, V.P.; SMYSLOV, I.I.; ROMANENKO, Yu.M.; SAKHAROV, B.B.

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 πN -vzaimodeistviiakh pri bol'shikh energiiakh. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1963. 16 p. (MIRA 16:6)

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

BARASHKOV, Ya. A.

22

Preparing perfumery oil from Grozny paraffin filtrate. Ya. A. Barashkov and E. M. Velikovskaya. *Neftyanoe Khozyaistvo* 27, No. 2, 74-5(1935). The stock used in the prepn. of perfumery oil had a sp. gr. of 0.8781, F_{ag} viscosity 1.85, Brenken fla. 160°, excise 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% SO_3, the sludge sepd. and the sulfonic acids were extd. from the oil with C_2H_5OH. This method effected 10% saving in acid and the finished oil, which complied with the specifications, contained 18.5-19.7% paraffin.

A. A. Bochtlinck

ASM-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 on the growth of lichen." Len, 1961. (Acad Sci USSR. Botan Inst im V. L. Komarov) (KL, 8-61, 236)

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)

BANASHKOVA, 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.
(Anabasine) (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 potentiomentric 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)

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, [illegible]; BAKUSHKOVA, N.V., VOLKENSHTEYN, Yu.B.

Polarography of bromothiophene; effect of the organic solvent concentration on the half-wave potentials. Elektrokhimiia 1 no.1:72-77 Ja '65. (MIRA 18:5)

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 O'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 $E_A = e_B - S' D - sT^4$ (e_B is effective radiation, S the direct, D the scattered radiation, and sT 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 mezhdu 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 locations of which are given. There is 1 figure, 1 table and 1 USSR reference.

AVAILABLE: Library of Congress

Card 1/1

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.

AVAILABLE: Library of Congress

Card 1/1

BARASHKOVA, Ye. P.

3(7) 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

Card 1/8

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 Geograhpical Sciences O.A. Drozdov (GGO). There are 89 references of which 81 are Soviet, 6 German, 1 French, and 1 English.

TABLE OF CONTENTS:

Supplements

Microclimate of the Northern Part (Cont.) SOV/1880

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Microclimate of the Northern Part (Cont.) SOV/1880

AVAILABLE: Library of Congress

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6-18-59

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Бар. Ярошкова, Ye. P.

3(7); 24(3) PHASE I BOOK EXPLOITATION SOV/2548

Leningrad. Glavnaya geofizicheskaya observatoriya

Issledovaniye radiatsionnykh protsessov (Study of Radiation Processes). Leningrad, Gidrometeoizdat, 1959. 142 p. (Series: Its Trudy, vyp. 80) Errata slip inserted. 1,200 copies printed.

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

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

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

COVERAGE: This collection of articles treats problems in optics of the atmosphere and actinometry. Results of theoretical and experimental investigations of visibility range, transparency of the atmosphere, and the radiation regime of both the active surface and the atmosphere are shown. Individual articles deal with the methodology of actinometric observations. No personalities are mentioned. References accompany each article.

Card 3/3

KV/lab
11-3-59

BARASHKOVA, Ye.P.

Long-wave radiation balance of the underlying surface according to observations made in Karadag. Trudy GGO no.100:141-153 '60. (MIRA 13:6)

(Radiation) (Meteorology)

BARASHKOVA, Ye.P.

Relationship between long-wave atmospheric radiation and meteorological elements. Trudy GGO no.100:154-163 '60. (MIRA 13:6)

(Radiation) (Meteorology)

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 geophysicists.

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

Card 1/4

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

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.

TABLE OF CONTENTS [Abridged]:

Radiation Regime of the USSR

SOV/5957

AVAILABLE: Library of Congress

SUBJECT: Geophysics

Card 4/4

MM/rtk/tem
6-1-62

3,5150

S/169/62/000/005/048/093
D228/D307

AUTHOR: Barashkova, Ye. P.

TITLE: Radiation balance of Karadag

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

TEXT: 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

S/169/62/000/005/048/093
D228/D307

diation 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. (MIRA 14:5)
(Solar radiation)

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 21 18 B+1

AUTHOR: Barashkova, Ye. P.
44,55

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
12,44,55

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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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/cm^2·min. cm. Orig. art. has: 5 figures, 4 formulas.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya (Main Geophysical Observatory) 44,55

SUBMITTED: 00 ENCL: 00 SUB CODE: ES

NO REF SOV: 000 OTHER: 001

Card 2/2

L 2542-66 EWT(1) GW

ACCESSION NR: AT5025239

AUTHOR: Barashkova, Ye. P. 44,55

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

18
15
B+1

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 12,44,55 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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L 2542-66

ACCESSION NR: AT5025239

3

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)

44,55

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 003

OTHER: 001

ATD PRESS: 4110

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. Mezhduvedomstvennyy 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: 04,20/SUBM DATE: none/ORIG REF: 004/ OTH REF: 001

Card 1/1

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. Mezhduvedomstvennyy 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

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

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

Author : Kosmarskaya, Ye.N., Barashnev, 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 differentiated from the hemispheres of the cerebellum. The cerebellum was small in volume, its laminas were less convex and less correctly located; the groth of superior vermis was especially disturbed. Lagging of differentiation of

Card 1/2

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. Klosovskiy) 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-F '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. Pediatriia 37 no.11:33-37 N '59. (MIRA 13:3)

1. Iz laboratorii izucheniya razvitiya mozga (zaveduyushchiy - chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) 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).

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. Pediatriia 39 no.3:8-14 Mr '61. (MIRA 14:4)

1. Iz laboratorii po izucheniyu razvitiya mozga i psikho-nevrologicheskoy kliniki (zav. - chlen-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 psikhonevrologicheskoy kliniki (zav. - chlen-korrespondent AMN SSSR prof. B.N. Klosovskiy) 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 Jl '62. (MIRA 15:11)

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

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

Etiology of phenylpyruvic oligophrenia. Nauch. inform. Otd. nauch. med. inform. AMN SSSR no.[illegible] [illegible] (MIRA 16:11)

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

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

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[Care of prematurely born children in the family and their development] Ukhod za nedonoshennymi 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-O '63. (MIRA 17:1)

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

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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)

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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 teorii 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'-khozmash. 33 no.8:17-20 Ag '63. (MIRA 16:11)

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(DYSENTERY, BACILLARY, diag.
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intestinal mucosa, in adults)

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

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(DYSENTERY, BACILLARY
carriers, detection & control (Hun))

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

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

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

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(ANTITUBERCULAR AGENTS ther)

BARASZ, Zoltan, dr.; [illegible], Imre, dr.; [illegible], Istvan, dr.

Diagnostic and therapeutic problems of open cavern healing. Tuberkulozis [illegible]: [illegible]

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[illegible] Dr; PAKOZY, Zoltan, [illegible] SZARVAS, Ilona, Dr; [illegible] Koranyi Institute for Tb (director: [illegible], Miklos, Dr, scientific director: FOLDES, Istvan, Dr) (Orszagos Koranyi Tbc Intezet).

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Budapest, Orvosi Hetilap, Vol 108, No 10, 5 Mar 67, pages 433-436.

[illegible]: [Authors' Hungarian summary modified] 1) The late surgical results [illegible] patients from Budapest have been examined who underwent surgery at the [illegible] between 1955-67. The follow-up was successful insofar as it involved [illegible] of the patients. 2) The condition of every patient was evaluated [illegible] including X-ray, bacteriological and functional studies. 3) At the [illegible] of the examination, 87 per cent of the patients were free of symptoms [illegible] complaints, 5 per cent were ill and 24 of them (8 per cent) had died. [illegible] 31 died of some unrelated disease. 4) Of those who recovered, 249 [illegible] per cent of the cases) are employed. 5) The therapeutic results are de[illegible] on the original condition of the patients, the X-ray morphological [illegible] and the bacteriological findings. 6) Of prognostic importance from [illegible] aspect of late therapeutic results is the immediate postoperative course [illegible] favorable late results can be expected in only about 60 per cent of [illegible] cases which had severe complications while lasting success can be ex[illegible] in about 90 per cent of the cases free of complications. 7) The con[illegible] reached by the analysis of the above patient material are applicable

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

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(A Budapesti Pa... Pat. Tudo. Korelettani Inst. es as Orszagos Balneologiai Kutato Intezet Kozlemenye)

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

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APPROVED FOR RELEASE: 06/06/2000 CIA-RDP86-00513R000103530001-8"

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

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

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

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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)

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(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.

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(ISONIAZID) (STREPTOMYCIN) (AMINOSALICYCLIC ACID)
(THIOSEMICARBAZONES) (TUBERCULOSIS, PULMONARY)

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(HISTORY OF MEDICINE, 19th CENT)
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