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IMPORTANT NOTICE

Owing to the necessity of drastically reducing the printing cost of the REVIEW to keep within the funds for the fiscal year, now drawing to a close, all "contributions" are omitted in this issue. It may be necessary to follow the same procedure in the next number also. However, it is hoped that "contributions" may be restored beginning with the May REVIEW.—Editor.

BIBLIOGRAPHY

C. FITZHUGH TALMAN, in Charge of Library

RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

- Ficker, Heinrich von.
Wetter und Wetterentwicklung. Berlin. 1932. 5,139 p. illus. diags. 18½ cm.
- Fuess, R.
Messinstrumente für Luftdruck, Temperatur und Feuchtigkeit, sowie Prüfgeräte und Thermometerhütten. Berlin. n. d. v. p. illus. 23 cm.
Messinstrumente für Wind, Niederschlag, Verdunstung, Strahlung und Sicht. Berlin. n. d. v. p. illus. 23 cm.
- Lindskog, Erik.
On the geographical distribution of fog in Sweden. [Stockholm. 1931.] 94 p. figs. 24½ cm. (Geogr. annaler. H. 1. 1931.)
- Lunelund, Harald.
Registrierung der Abkühlungsgrösse in Helsingfors. Helsingfors. n. d. 37 p. 24 cm. (Soc. scient. Fenn. Comment. physico-math. VI. 1.)
Registrierung der Sonnen- und Himmelsstrahlung in Helsingfors während der Zeit 1. Dezember 1928-31. Dezember 1929. Helsingfors. n. d. 56 p. 24 cm. (Soc. scient. Fenn. Comment. physico-math. V. 18.)

- Lunelund, Harald—Continued.
Über die Tageshelligkeit in Finnland. Helsingfors. n. d. 34 p. figs. 24 cm. (Soc. scient. Fenn. Comment. physico-math. IV. 23.)
- Lunelund, Harald, & Holmberg, K. T.
Über die ultraviolette Sonnenstrahlung in Finnland. Helsingfors. n. d. 41 p. figs. 24 cm. (Soc. scient. Fenn. Comment. physico-math. V. 2.)
- Negretti & Zambra.
Standard meteorological instruments. [Bolton. c...?.] 139 p. illus. 25½ cm.
- Ridgley, Douglas C., & Koeppe, Clarence E.
Fundamentals of climate. Bloomington. c1932. 63 p. figs. 26½ cm.
- Rossby, C[arl] G[ustaf].
Thermodynamics applied to air mass analysis. Cambridge. 1932. 41 p. figs. tables. plates. 28 cm. (Mass. inst. tech., Met'l papers. v. 1, no. 3.)
- Theodorsen, Theodore, & Clay, William C.
Ice prevention on aircraft by means of engine exhaust heat and a technical study of heat transmission from a Clark Y airfoil. Washington. 1932. 24 p. illus. 29 cm. (Nat. adv. comm. aeron., Report no. 403.)
- Schmidt, Wilhelm.
Meteorologische Feldversuche über Frostabwehrmittel. Oppenheim a. Rh. n. d. 103 p. figs. plates (fold.) 22½ cm. (Fröste und Frostebekämpfung im Weinbau. Heft 4.)

SOLAR OBSERVATIONS

SOLAR RADIATION MEASUREMENTS DURING MARCH, 1932

By HERBERT H. KIMBALL, in charge Solar Radiation Investigations

For a description of instruments employed and their exposures, the reader is referred to the January, 1932, REVIEW, page 26.

Table 1 shows that solar radiation intensities averaged above the normal intensity for March at all three stations.

Table 2 shows an excess in the total solar radiation received on a horizontal surface at all stations except Twin Falls, although the excess is slight at Lincoln.

At Madison, no skylight polarization measurements were obtained during the month, as reflection from ice on the surface of the lake was a disturbing element. At Washington, measurements made on the 29th and 30th gave a mean of 58 per cent and a maximum of 64 per cent, which are average values for March at Washington.

Table 3 summarizes solar radiation measurements I₁ and I_r, obtained by means of the yellow and red glass filters described in the February, 1932, REVIEW, and values of the coefficient of atmospheric turbidity derived therefrom.