

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

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:

- American climatological and clinical association.**
Transactions for the year 1917. Volume 33. Philadelphia. 1917. xxxiv, 212 p., 1. illus. plates. (incl. ports.) 24½ cm.
- Bemmelen, W[ille]m van.**
The semi-diurnal horizontal oscillation of the free atmosphere up to 10 km. above sea level deduced from pilot balloon observations at Batavia. by W. Van Bemmelen and J. Boerema. cover-title, 17 p. incl. tables. fold. chart. 26½ cm. At head of title: K. Akademie van wetenschappen te Amsterdam. (Reprinted from Proceedings, vol. 20, no. 1. p. [119]-135.) Dated May 26, 1917.
- Blue Hill observatory.**
[Report of the director, 1916-1917.] (Excerpted from Official register of Harvard university, vol. 15, no. 6. Feb. 28, 1918. p. 224-228. Reports of the president and the treasurer of Harvard college, 1917-18.) 23½ cm.
- Fiji. Department of agriculture.**
Annual report for the year 1916. Suva, Fiji. 1917. 37 p. tables. 33½ cm. At head of title: Legislative council, Fiji. Council paper, no. 107. M. P. 272, 17. [Meteorology, p. 32-35.]
- Gautier, Raoul.**
La neige à Genève (1857-1917) et revue de quelques hivers à neige spécialement de l'hiver 1784-1785. Genève. 1917. cover-title. tables. 23 cm. (Extrait des Archives des sciences physiques et naturelles. Quatrième période, t. 43. Mai, 1917. p. [361]-383.)
- Geneva. Observatoire.**
Observations météorologiques faites aux fortifications de Saint-Maurice pendant l'année 1916. Résumé par Raoul Gautier et Ernest Rod. Genève. 1917. 57 p., 1. incl. tables. 22½ cm. (Extrait des Archives des sciences physiques et naturelles. juin et août 1916, janvier, mars et octobre 1917.)
Résumé météorologique de l'année 1916 pour Genève et le Grand Saint-Bernard par Raoul Gautier. Genève. 1917. 104 p. incl. tables. 22½ cm. (Tiré des Archives des sciences de la bibliothèque universelle, août et septembre 1917.)
- Gil, Pedro Gimeno.**
Pluviometría de la región Austro-oriental, primavera, verano y otoño de 1916. Valencia. 1917. p.l., 79 p. incl. tables. charts. 24½ cm. At head of title: Anales del Instituto general y técnico de Valencia.
- Great Britain. Meteorological Office.**
Twelfth annual report of the meteorological committee ... for the year ended 31st March, 1917 ... London. 1917. 16 p. 24½ cm.
- Groot, Cornelis J. de.**
On the matter and elimination of strays. An investigation under the auspices of the Dutch East Indian department of telegraphs. charts, diags., map. 24 cm. (Excerpted from the Wireless, Lond. v. 5. nos. 54-58. Sept. 1917-Jan. 1918. p. [374]-379: [450]-455; [520]-525; [632]-638; [700]-706.) Reprinted ... from the proceedings of the institute of radio engineers.
- Guppy, H. B.**
Plants, seeds, and currents in the West Indies and Azores; the results of investigations carried out in those regions between 1906 and 1914. London. 1917. xi, 531 p. front. tables, maps (part, fold.) 24 cm. [Currents of the Atlantic, p. 46-83.]
- Hankow. Griffith John College.**
Meteorological survey for 1917 comp. from readings taken by the 1st Hankow troop of Chinese boy scouts. Hankow. 1918. cover-title. charts. 16½ x 21½ cm.
- Hepworth, M[elville] W[illis] Campbell.**
The relation between pressure, temperature, and air circulation over the South Atlantic Ocean. Notes with reference to a set of monthly wind charts of the South Atlantic Ocean which were prepared in the meteorological office and were originally published by the hydrographic department of the Admiralty, in January, 1904; 2d ed. London. 1917. 14 p. charts. 24½ cm. M. O. 177 (1917).
- Mellish, Henry.**
Weather of 1917, at Hodsock Priory, Worksop. 7 p. table. chart. 22 cm.
- Miami Conservancy District.**
Report of the chief engineer, Arthur E. Morgan, submitting a plan for the protection of the district from flood damage. Dayton, Ohio. 1916. 3 v. in 1. tables (part, fold.). charts (part, fold.). fold. maps. 23 cm.
- Mill, Hugh Robert.**
Map of the British Isles. Annual rainfall and isobars ... Average annual rainfall, by H. R. Mill. London. [1917] col. map. 98½ x 76 cm. "The isobars are copied from the Monthly weather reports."
- Murphy, John Allen.**
Curious effects of the weather on consumers' buying. (Excerpted from Printers' Ink, N. Y. v. 102, no. 4. Jan. 24, 1918. p. 17-20.) 20½ cm.
- Padua Dias, Antonio de.**
Meteorologia e climatologia, com applicações á agricultura. S. Paulo. 1917. 1-[241] iv p. illus. plate. charts. tables. 23 cm. [Obras consultadas, p. [241] O clima do Brasil, p. [165]-[240].]
- Philippine Islands. Weather Bureau.**
Instrucciones prácticas y breves nociones de meteorología para los observadores del Weather bureau, por el P. M. Saderra Masó ... 2 ed. Manila. 1917. 103 p. illus. plates. diags. 25½ cm.
Practical instructions and regulations for the observers of the Weather bureau. Manila. 1917. 97 p. illus. plate. charts. diags. 25½ cm.
- Tondorf, F. A.**
Registration of earthquakes and press dispatches on earthquakes from January 1, 1917 to January 1, 1918. Washington. 1918. cover-title. 30 p., incl. tables. 23 cm. (Georgetown university publication. Bulletin of the Seismographic station, no. 22, p. 1-30. Jan. 1, 1918.) Fourteenth series, no. 4.
- Ward, Robert DeCourcy.**
Climate, considered especially in relation to man. Second ed. rev. New York, London. 1918. xv, 380 p., incl. tables. charts. 21½ cm.
- Wells, A. E.**
Results of recent investigations of the smelter smoke problem. 19 p. 6 charts. 23½ cm. (Reprinted from the Journal of industrial and engineering chemistry. vol. 9, no. 8, p. 640. July, 1917.)
- West, Frank L.**
Orchard heating, by F. L. West and N. E. Edlefsen. Logan, Utah. 1917. 48 p. illus. tables. 23 cm. (Utah agricultural college experiment station. Bulletin no. 161.) References, p. 47-48.
- Woodward, K. W.**
Tree growth and climate in the United States. (Excerpted from Journal of forestry, published by the Society of American foresters, Washington, v. 15, May, 1917, p. 521-531.) 23 cm.