

PUBLICATIONS RECEIVED

The Society receives many foreign publications in exchange for its Bulletin. These publications are now being deposited in the library of Blue Hill Observatory, Harvard University. They are available, however, to any member who wishes to see them. Mr. R. E. Horton has suggested that those members who wish to borrow exchange publications should deposit \$1 with Secretary and forward 10 cents for postage with each request. The publications should be returned in two weeks or the deposit forfeited, and, in any event, they should be sent back in a month. A list of publications received, with some brief notes as to contents, will be published in the BULLETIN each month.

The Transactions of the American Geophysical Union, Fifteenth Annual Meeting, April 26-28, 1934, at Washington, D. C., has recently appeared from the press in two volumes. It contains besides twelve papers delivered before the Section of Meteorology, a number of papers of more or less meteorological nature given to the sections of Terrestrial Magnetism and Electricity, Hydrology, Oceanography, and Vulcanology. Also all nine papers presented to the General Assembly concern meteorology. A list of these papers appeared in this BULLETIN for April, 1934, pp. 100-101. The Transactions may be purchased from the General Secretary, A. G. U., 5241 Broad Branch Road, N. W., Washington, D. C., for \$2.75; separates of the various Sections are also for sale.

The National Board of Fire Underwriters, New York, has published (1931) two charts 16x26 inches show-

ing isopleths of "points of deficiency for use in application of the standard schedule for grading cities and towns" for "adverse weather conditions" in the United States. One chart contains high winds, snowfall and hurricanes, the other severe cold weather, hot dry weather and tornadoes. The manner of rating the raw meteorological data, which were taken from the Annual Reports of the Chief of the U. S. Weather Bureau, into points of deficiency is not given. The deficiencies are considered as sufficiently adverse to affect fire fighting and the probability of fire.

Proceedings of the Western Interstate Snow Survey Conference at the Nevada Agric. Exper. Station, Reno, February 18, 1933, and June 28, 1933, have recently been published by the University of Nevada, Agric. Exper. Sta.

The September number of *The Scientific Monthly* carries an article on "The Exploration of the Free Atmosphere" by L. P. Harrison, of the U. S. Weather Bureau, Washington.

In his **Annual Report to the Corporation of the Massachusetts Institute of Technology**, Pres. Compton called attention to the fact that in no small degree, as the result of the meteorological studies made at Technology, the United States Weather Bureau is taking steps to adopt the new air mass or "synoptic" method of weather forecasting. In this field the institute has made a continuous development and study through systematic daily charting and forecasting of weather conditions and through the daily study of meteorological conditions in the upper atmosphere, carried on through airplane flights, which have been financed in part by the Rockefeller Foundation.