

*Java:*

Observations at Batavia, 1917-1918.

Jaarverslag, 1921, 1922, 1923.

Observations at Secondary Stations, 1918.

The Climate of the Netherland Indies.

The History and the Present State of Scientific Research in the Dutch East Indies.

Verhandelingen, 1911-1924.

Regenwaarnemingen in Nederlandsch-Indie, 1921, 1922.

43e Jahrgang, 1921.

*Philippines:*

Revisita de la Sociedad Astronomica de Espana y America, 1924, (yearly summaries 1921, 1922).

*Mauritius:*

Results of Magnetic, Meteorological, and Seismographical Observations at Royal Alfred Observatory, 1920-1923.

*Seychelles:*

Meteorological Observations for 1922.

*Fiji:*

Meteorological Observations taken at Suva, 1922.

—F. V. T.

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### SOME RECENT PUBLICATIONS

*The Report of the Meteorological Service of the Commonwealth of Australia for the year 1922-1923* has just been received. The Report is composed of seven divisions: the first one deals with the research work undertaken by the Bureau during the period under consideration, while the other six are concerned with the reports of the Central Weather Bureau at Melbourne, and the five others at Brisbane, Sydney, Adelaide, Perth, and Hobart.

Perhaps the most interesting research subject mentioned is that of climatic improvement in Australia as a result of human agency (white settlement). A careful study is also being made of the atmospheric conditions in the Australian tropics in summer in order to determine the extent of air density deficiencies likely to reduce the efficiency of airplanes designed in accordance with European conditions.

The report for each district contains statistics concerning the daily weather conditions, flood warnings, and other meteorological data for the area under consideration; in addition each one gives information of local significance. Aviation forecasts along the principal airways are made daily. The Civil Aviation authorities in Western Australia are conducting air mail from Perth to the northwest of Western Australia, and, as they are indemnified against penalty for delay in delivery when such delay results from following the advice of the Bureau, the importance of this work can hardly be overemphasized. In the Mildura district special forecasts are prepared during the fruit-growing season.

The Melbourne Bureau reports that the meteorological results of the Australian Antarctic Expedition under Sir Douglas Mawson are being prepared for printing, but owing to lack of funds, the work has been suspended.

A widespread interest in meteorological work is shown by the number and diversity of requests for information. For instance, in the Sydney district, certain church authorities, apparently seeking the reason for diminished congregations, required details of weather on Sundays over a specified period. In the Perth and Hobart districts the taxation department as well as individual taxpayers are constantly seeking information, for there rebates of land tax are allowable in consideration of adverse climatic conditions.

The Perth Bureau is especially useful in deciding upon the desirability of land for agriculture and settlement, and in collecting specific information regarding irrigation.

In short the Report contains, in addition to the necessary statistics many paragraphs which are not only interesting to read, but which serve to throw light on living conditions in Australia as well.—*F. V. T.*

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The *Revista de la Sociedad Astronomica de Espana y America*, published in Barcelona, is an illustrated journal containing some meteorological and climatological contributions related to the Philippines. In sample copies of the indices for 1921 and 1922, and of the journal for March to June, 1924, recently received from the Manila Weather Bureau, there are accounts of the historic Manila typhoons of 1831 and 1856, discussions of cloudiness and cloud forms, extraordinary wind velocities, humidity, rainfall amounts, frequencies and probabilities, fogginess, frequencies of gales (confined to typhoon months). The author of most of these contributions is Rev. P. Miguel Selga, S.J., of the Observatorio de Manila. The publication is now in its 14th year. A general climatology of the Philippines, "The Climate and Weather of the Philippines, 1903-1918, has been published by Rev. José Coronas, S.J., Chief of the Meteorological Division, Philippine Weather Bureau.

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*A Climatologica! History of Ohio* by William Henry Alexander, not only throws much interesting light on the historical side of climatology, particularly in Ohio, but contains a wealth of meteorological material as well. It is divided into three sections, each one of which is a complete book in itself. Part I is devoted to a sketch of the rôle played by Ohio in the earliest beginnings of our national service, and in the service of today; a summary of the state's history; and an account of its topography accompanied by a map. Part II deals with the climate of Ohio, and has in it many excellent charts showing temperature and precipitation and other data by months, seasons, and for the year. Part III consists of a very full discussion with copious tables of meteorological data for the state. In addition to this material which we should expect in such a careful account, it contains brief notes regarding important meteorological events in that state from 1785 to the present day, and biographical sketches of meteorologists who have come from that state, and of state co-operative observers distinguished for their long service. An earlier announcement of this book appeared in the BULLETIN for October, pp. 142-143.