

NOTE ON WEATHER BUREAU PUBLICATIONS

After their suspension on December 1, 1921, by act of Congress the two Weather Bureau publications, the *National Weather and Crop Bulletin* and the *Monthly Weather Review* have started again. The *National Weather and Crop Bulletin*, however, was changed on January 1st as follows: The *Snow and Ice Bulletin* was separated from it and the weather and crop parts were combined with the *Crop Reporter and Market Reporter*, issued by the U. S. Department of Agriculture. The combination is called *Weather, Crops and Markets*. The first issue of the new publication was that for January 7, 1922. In it there are devoted some five pages (including maps) on weather and its effects upon crops, about the same amount as in the *National Weather and Crop Bulletin*.

Monthly Weather Review

The publication of synopses of contents of the *Monthly Weather Review* has been discontinued in the BULLETIN because of lack of space and a reduction in price of the *Review* which makes it readily available to all members of the Society. The *Monthly Weather Review* may now be had for 15c a copy or \$1.50 a year on application to the Superintendent of Documents, Government Printing Office, Washington, D. C. The former price of \$2.50 a year was considered too much to cover the cost of paper and press-work. All the cost of editorial work, typesetting, etc., is borne by the U. S. Weather Bureau. Contributing and sustaining members of the Society will continue to receive the *Review* without any special action on their part.

THE SEASONAL RAINFALL FOR 1921-22

INDICATIONS BASED ON OCEAN TEMPERATURES

As explained in Bulletin No. 7 of the Scripps Institution, there appears to be a possibility of determining from summer ocean temperatures the coming seasonal rainfall in Southern California. In the present paper the observations are brought up to date, and presented in tabular form, in order to show empirically the applicability of the temperature-rainfall relation during the last five-year period, and to provide a basis for inferring the probable rainfall for the coming season.

It is the intention to publish next year a more detailed paper dealing with all of the available ocean observations, and a tentative hypothesis which has been formulated to account for the above relation.

Regarding the rainfall at the three stations, Bonita, San Diego and Escondido, as representative of San Diego County, the separate seasonal rainfalls are averaged. Similarly the average for the three stations, Tustin, Corona, and Los Angeles is assumed to be representative for the northern part of Southern California. Finally, the average of all six stations is regarded as representative for the general coastal region of Southern California.