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[Contribution from the Weather Bureau]

REPORT ON THE TEMPERATURE AND RAINFALL TAGAYTAY, CAVITE¹

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A preliminary report on the weather at Tagaytay was prepared by the writer and published by the Bureau of Science in 1930 as Popular Bulletin No. 6. A confirmation of the preliminary report appeared in the Monthly Bulletin of the Weather Bureau for December 1931 as Meteorological Note No. 12. Although the hourly observations at Tagaytay were discontinued on June 1, 1930, the station had been reporting daily the rainfall, the maximum and minimum temperatures and the temperature at six o'clock in the morning and two o'clock in the afternoon, until December 31, 1932 when it was forced to shut down on account of the reduction in the appropriation for 1933 and the reorganization of the bureaus of the Government. The results obtained from July 1928 to December 1932 are summarized in the following table and are compared with the corresponding values for Baguio and Manila.

Temperature—The salient features of the comparison of the temperatures of the three places are the following: First, the average temperature 22.6°C. at Tagaytay is exactly the same as the mean minimum of Manila and practically the same as the mean maximum of Baguio. The observations thus far made have established the fact that the curves of minimum, average and maximum temperature of Tagaytay run parallel to and almost half way between Baguio and Manila. Second, the mean maximum 26.6°C. at Tagaytay is exactly the same as the average temperature of Manila. The temperatures that are to be expected most frequently in Manila are seldom experienced in Tagaytay. Third, the difference between the average temperature of Baguio 17.9°C and the mean minimum of Tagaytay 18.6°C. is less than one degree centigrade. Fourth, the average difference of the mean temperature be-

¹ Read at the Second Philippine Science Convention February 15, 1933.