

Hourly observations of the principal meteorological elements at Haight's Place during the dry season.

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In the old days of difficult transportation through the Mountain Province, several scientific investigations were undertaken in the vicinity of Mt. Paocai, either to ascertain the degree of adaptation of its fauna and flora to local conditions or to study the variation of light intensity and of radioactivity with elevation. (4) With the construction of a system of automobile roads connecting the main towns of the Mountain Province and the extension of a safe road to the very top of Mt. Paocai, it can be safely predicted that the number of scientific investigations will be increased and the opportunities for scientific research, in connection with tropical mountains, will be more frequently and thoroughly used. For the proper interpretation of the facts found in these investigations, the knowledge of the hourly variation of the principal meteorological elements becomes an invaluable assistance and almost an absolute necessity. In the summer of 1933 the Weather Bureau undertook a series of pyrheliometric observations at Haight's Place. The observer was instructed to observe, every hour of the day from 6 a.m. to 8 p.m., the temperature, the relative