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Latitude and climate! Many factors combine, and the influence of all determines the climate of a place. If all the factors were constant in their effect the climate of any place would vary monotonously from winter to summer and back to winter again, with no changes intervening. Some factors, such as latitude, are constant in their effects. Latitude determines the number of possible hours of sunshine which in summer increases from the tropics to the pole, while in winter the number of hours decreases from the tropics to the pole. Latitude determines also the intensity of sunshine which, of course, is greatest when the sun is most directly overhead. Both of these, the number of hours and the slant of the rays, fix the amount of heat received on clear days.
