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Extremes of heat! These are found on trade-wind deserts, such as the Sahara. They occur, of course, in summer. A curious and interesting fact about extremely high temperatures is that on the whole they rise less above the average temperature of the hottest month than the extreme low temperatures of winter fall below the average of the coldest month. The reasons for this are two: first, in the tropical deserts there is very little difference between the hours of sunshine and dark, whereas in winter in the cold countries the hours of sunshine are much less than the hours of darkness, thus permitting more cooling; second, the air on hot days is always rising and mixing with cooler air above, while on cold days the air "stays put" and keeps on getting colder and colder.
