

For release
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Clouds and temperature! The great single effect of cloudiness is to cut down the possible amount of heat received from the sun. A good example of this is found in Africa, where the mean temperature over the equator is 82 degrees and over the Sahara Desert farther north 39 degrees. This difference is due to the more cloudiness over the Equator. The changes in radiation to the earth from the sun and losses from the earth by changes in cloudiness is somewhat complex, but the net result of increasing cloudiness is lower temperatures. For instance, a change of only one-tenth less cloudiness would result in an increase of the mean temperature over the earth of 15 degrees.
