

For Release
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Rain! It was formerly thought that rain was connected with some change in temperature. That was right, but it did not account for the temperature change. Now it is well known that the cooling of the air, which reduces its temperature to or near the dewpoint when the water vapor in the air condenses, is brought about by air rising. Air rises by (1) being forced up a declivity such as a mountainside or over a colder mass of air, this being common in winter; and (2) by convection, the air rises because of its having been heated by the hot ground, as in local thunderstorms in summer. Air cools, when rising, at the rate of 1.6 degrees every 300 feet.