

For release By Major A.H. Thiessen
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The dewpoint! During the summer many moist days direct our attention to the dewpoint. Water drops form on the outside of vessels containing ice-water, dew is found on grass and other objects, and rain may be falling. All these phenomena are due to the fact that water vapor (or water in a gaseous form) has been cooled to a certain degree of temperature (called the dewpoint) and condensed into liquid water. The "dewpoint," then, is that temperature at which condensation takes place. The dewpoint varies with the temperature of the air and the amount of humidity existing at the time. For instance: air of 80 degrees and 100% humidity has a dewpoint of 80 degrees, and air of the same temperature and $\frac{3}{4}$ humidity will have a dewpoint of 7 degrees below zero.