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? WHY THE WEATHER ?

By Dr. Charles F. Brooks
of Clark University.

RISING MISTS

When the mists have rolled in splendor
From the beauty of the hills,
And the sunshine, warm and tender,
Falls in kisses on the rills,.....

Trans. from Rousseau.

A rising fog is usually an indication of fair weather, a falling one promises rain. A fog is really a cloud which, instead of being up in the air, touches the ground. In the morning, a fog may disperse by warming from below and change into a cumulus cloud. Enough sunlight penetrates the fog to warm the ground and this warmth evaporates the lower layer of the fog. One observer reports that insolation came through a fog sufficiently to operate an electric sunshine recorder several minutes before the sun actually began to shine. As the ground heats and vertical convectional currents start, some of the fog particles are actually carried upward or become part of a low cloud. The fog is also converted into a cloud by evaporation in the lower portions and new condensation above.

Descending fogs, or rather clouds, that first form on heights, promise bad weather, for the air is becoming more humid and condensation is increasing.

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