

For Release
Oct. 14, 1938

By Major A. H. Thiessen
Science Service Meteorologist

Clouds and temperature! Naturally one would expect higher temperature with more sunshine, but this is not always the case. In summer, in the temperate zones, the radiation from the sun to us throughout the long day is greater than the outgoing radiation during the short night. Therefore a cloudless day is hotter than a cloudy day. In the winter, however, radiation away from the earth during the long nights exceeds the incoming heat from the sun during the much shorter day, and in this case a cloudy day is warmer than a sunny day.
