

For release            By Major A.H. Thiessen  
May 22, 1940        Science Service Meteorologist

Humidity! All of the gaseous constituents of the air except water vapor and carbon dioxide are present in invariable proportions. Water vapor varies not only from place to place, but from time to time, and is, of course, very important. Sometimes the air is fully charged with moisture, and we then say the humidity is 100%; but even then it is not visible, and the air does not feel wet unless it condenses on the skin as visible water. Half of the water vapor is below the 8000-foot level. At the surface the amount in the air may vary from almost nothing to about 4% by volume or about 5.7 grains to every cubic foot if the temperature is 60 degrees.