

For Release  
Jan. 31, 1939

By Maj. A. H. Thiessen  
Science Service Meteorologist

When does water freeze? Water seems to freeze easily enough in our water pipes when the fire goes out. But in nature liquid water is found at temperatures much below the freezing point, and in the laboratory it has been found that every specimen had a different spontaneous-freezing point and not so high as 32 degrees. It seems that the size of the contained foreign particles changes the freezing point, which is determined by the largest of the particles present, the total number being of no importance. It was also found unnecessary to keep the water quiet to under-cool it.

\*\*\*\*\*