

For release
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Melting ice! If a cube of ice is placed in the sunshine on a summer day, it takes a long time to melt. This remarkable fact is a beneficent thing, for otherwise in spring the ice and snow in the watersheds of rivers would all melt at once, resulting in irresistible torrents. About 180 years ago it was found that while melting ice or snow receives heat very fast, the effect of the heat is not to raise the temperature but to change the ice into water. It takes lots of heat to do that; exactly stated, to change one pound of ice at 32 degrees to water at the same temperature takes as much heat as to raise 144 pounds of water one degree.
