

For Release
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Anchor ice! Experienced boatmen are very careful in winter in crossing shallow, turbulent rivers because ice frequently rises, causing disaster. This ice, called "anchor ice," forms on the river bed, and has been known to rise, bringing huge rocks to the surface. This ice forms in rapidly flowing rivers of less than 40 feet in depth. The churning of the water makes it one temperature throughout its entire depth. It is believed that on clear nights the bed of the river, already about at the freezing point, cools still further by radiation, and the water freezes. This theory is supported by the fact that no anchor ice is found beneath bridges, which act as checks on radiation.