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? WHY THE WEATHER ?

By Dr. Charles F. Brooks  
of Clark University.

CLIMATIC EFFECTS OF LAKE ICE

A city located on the lee side of a large lake is likely to have a prolonged period of chilly, cloudy weather in spring. The lake ice is not quickly disposed of and acts for some time as a local refrigerator. For instance, the ice in Lake Erie drifts towards the eastern end, making a good supply at Buffalo. The ice chills a thin layer of air over the lake and to leeward. Now, when a warm wind arrives it may fail to blow away this cold, heavy air; instead, it rides up over it. The warmth does not reach the ground. Moreover, the chilling of the warm current along its plane of contact with the lower air may be sufficient to produce a sheet cloud and give Buffalo a day not only damp and chilly but dark.

(Pick up one column diagram in matrix form herewith.)

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(Tomorrow: "Palms in Copley Square")

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