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? WHY THE WEATHER ?

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DIVERSE WINDS MEET

A marked low pressure center is the Mecca of air from widely separated regions. Typically, there is a warm current from the tropics in front of the storm, balanced by a colder current from a northerly direction on the rear and left front. The forward boundaries of these two advancing currents are known as the warm front and cold front, respectively. The diagram shows how, in a single day, air from northern New England, the Grand Banks and the tropical Atlantic can meet in a stormy zone over Long Island. The storm brought these currents of air together, and in turn they helped keep the storm active.

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

(Tomorrow: A Flame Barometer)

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