

A Science Service Feature

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? WHY THE WEATHER ? Mailed Nov. 8, 1934

RADIO WEATHER MAPS

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Experiments in the broadcasting of weather maps by facsimile radio have been in progress on both sides of the Atlantic Ocean for a number of years, and in one country, at least, a routine service of this character is now maintained. The International Meteorological Office in France broadcasts maps twice a day from the Eiffel tower by the Belin process. Apparatus for receiving the maps has been installed at the meteorological stations at Le Bourget, Havre, Tours, Dijon, Le Puy, and Pau. The broadcasts are based on reports of observations in western Europe at 7 a.m. and 6 p.m., Greenwich mean time, and three maps are issued in each broadcast. One of these shows the isobars and the lines of equal barometric change during the previous twelve hours, another the distribution of cloudiness, and the third the recent barometric changes, (viz, within three hours -- the "Barometric tendency") and the "fronts".

In addition to these broadcasts for Europe there is a broadcast once a day of a map of barometric pressure over the eastern North Atlantic at 1 p.m.

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