

first was the westward passage, from Reykjavik, Iceland, to Cartwright, Labrador, of 24 Italian seaplanes manned by more than 100 officers and men commanded by General Italo Balbo. Chart IX, for July 12, depicts the weather conditions attending this largest undertaking in the annals of ocean aviation.

A few days later, Mr. Wiley Post, American pilot, set out from New York on the trans-Atlantic leg of his solo flight around the world. He landed safely in Berlin within 26 hours after take-off, thus setting a speed and distance record for the crossing. Chart X reproduces the synoptic map of July 15, in connection with Post's flight.

OCEAN GALES AND STORMS, JULY 1933

Table with columns: Vessel, Voyage (From/To), Position at time of lowest barometer (Latitude/Longitude), Gale began, Time of lowest barometer, Gale ended, Low est barometer (inches), Direction of wind when gale began, Direction and force of wind at time of lowest barometer, Direction of wind when gale ended, Direction and highest force of wind, Shifts of wind near time of lowest barometer.

1 Position approximate.

2 Barometer uncorrected.

NORTH PACIFIC OCEAN, JULY 1933

By WILLIS E. HURD

Atmospheric pressure.—A great and practically unbroken high-pressure area covered the major part of the North Pacific Ocean during July 1933. Pressures were above normal from the Bering Sea southward to Honolulu and Midway Island, and along the northern coast of the United States, and were below normal from California southward, and in the extreme southwestern part of the ocean. Some unimportant depressions appeared in northern latitudes of the Pacific, but the Aleutian Low was largely indicated as having receded to the Arctic Ocean (Point Barrow, 29.76 inches).

TABLE 1.—Averages, departures, and extremes of atmospheric pressure at sea level, North Pacific Ocean, July 1933, at selected stations

Table with columns: Stations, Average pressure (Inches), Departure from normal (Inch), Highest (Inches), Date, Lowest (Inches), Date.

NOTE.—Data based on 1 daily observation only, except those for Juneau, Tatoosh Island, San Francisco, and Honolulu, which are based on 2 observations. Departures are computed from best available normals related to time of observation.