

551.506 (261.1) WEATHER OF NORTH AMERICA AND ADJACENT OCEANS
NORTH ATLANTIC OCEAN

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The quiet weather that prevailed during May continued throughout the greater part of June, when the number of days with winds of gale force not only showed a considerable decrease over the previous month, but was also below the normal for June. In each of the two 5° squares between 40° and 50° N. and 35° and 40° W. gales were reported on 3 days, while in no other square were they observed on more than 2 days. While a number of well defined depressions developed during the month, they were as a rule of slight intensity and devoid of any marked characteristics, and of not enough importance to warrant the preparation of the usual charts.

Fog was again unusually prevalent; along the American coast and over the Grand Banks it was reported on from 10 to 20 days, while it was also more frequent than usual over the steamer lanes, especially between the 45th and 55th parallels and 10th and 20th meridians.

TABLE 1.—Averages, departures, and extremes of atmospheric pressures at sea level, 8 a. m. (75th meridian), North Atlantic Ocean, June, 1926

Stations	Average pressure	Departure ¹	Highest	Date	Lowest	Date
	<i>Inches</i>	<i>Inch</i>	<i>Inches</i>		<i>Inches</i>	
Julianehaab, Greenland	29.71	(3)	29.97	28th	29.30	1st.
St. Johns, Newfoundland	29.85	-0.12	30.20	18th	29.20	13th.
Nantucket	29.92	-0.07	30.28	17th ⁴	29.52	7th.
Hatteras	29.96	-0.05	30.12	17th	29.68	7th.
Key West	29.99	-0.01	30.08	1st ⁴	29.88	7th.
Swan Island	29.87	0.00	29.94	14th	29.82	6th. ⁴
New Orleans	29.97	+0.02	30.08	10th ⁴	29.86	5th.
Turks Island	30.05	+0.04	30.16	7th	30.00	19th. ⁴
Bermuda	30.18	+0.08	30.32	26th	29.94	14th.
Horta, Azores	30.14	-0.09	30.46	6th ⁴	29.72	25th.
Lerwick, Shetland Islands	29.89	+0.09	30.33	28th	29.52	11th.
Valencia, Ireland	29.95	-0.05	30.45	26th	29.25	11th.
London	29.93	0.00	30.38	28th	29.45	12th.

¹ From Normals shown on H. O. Pilot Chart, based on observations at Greenwich mean noon, or 7 a. m., 75th meridian.

² Mean of 24 observations; 8 days missing.

³ New station; no normal established.

⁴ And on other dates.

On the 1st there was a fairly well-developed depression central near 40° N., 55° W., with northeasterly gales in the northwesterly quadrant. On the same day Stornoway, Scotland, was near the center of a second LOW, and light to moderate winds only were reported by land stations on the British Isles and also by vessels along the European coast, although moderate westerly gales prevailed over a limited region east of the Azores.

On the 3d Father Point, Quebec, was near the center of a depression that moved slowly eastward, and on the 5th was in the vicinity of Belle Isle. Moderate weather was the rule over the entire ocean during this period, except that on the 3d northwesterly gales occurred over the eastern section of the steamer lanes.

On the 6th a slight disturbance was near Hatteras that drifted slowly northeastward along the coast, and on the 9th was over the Province of Quebec, while moderate gales were reported by vessels between Charleston and Nantucket, although quiet weather prevailed over the greater part of the ocean.

From the 8th to the 11th westerly to northwesterly gales occurred over a portion of the eastern section of the steamer lanes. On the 11th the disturbance causing these gales was central near Malin Head, Ireland, where the lowest barometric reading of the month, 28.91 inches, was recorded.

On the 12th and 13th Newfoundland was covered by a slight depression and moderate westerly to southwesterly gales were encountered between the 40th and 45th parallels and the 40th and 55th meridians.

On the 15th a LOW was near 45° N., 45° W., that moved rapidly eastward, increasing in intensity; being on the 16th central near 52° N., 32° W., and on the 17th near 54° N., 20° W. A few vessels reported westerly gales over the eastern half of the steamer lanes, although for the most part, favorable weather prevailed.

A LOW that on the 16th was near 40° N., 60° W., moved steadily eastward and on the 17th was in the vicinity of 40° N., 45° W. On both of these dates, as well as on the 18th, westerly gales prevailed over a limited area along the 40th parallel, between the 55th meridian and American coast.

On the 19th and 20th another disturbance appeared over Newfoundland and on the latter date a southerly gale was encountered by a vessel near 40° N., 57° W., although other ships in the vicinity reported only moderate winds.

On the 22d a shallow depression was central near 45° N., 40° W., that moved but little during the next 24 hours but increased considerably in intensity. During the period from the 22d to 24th gales occurred between the 40th and 45th parallels and the 30th and 45th meridians.

From the 25th until the end of the month moderate weather prevailed over the entire ocean, with high pressure generally over the middle and eastern sections.