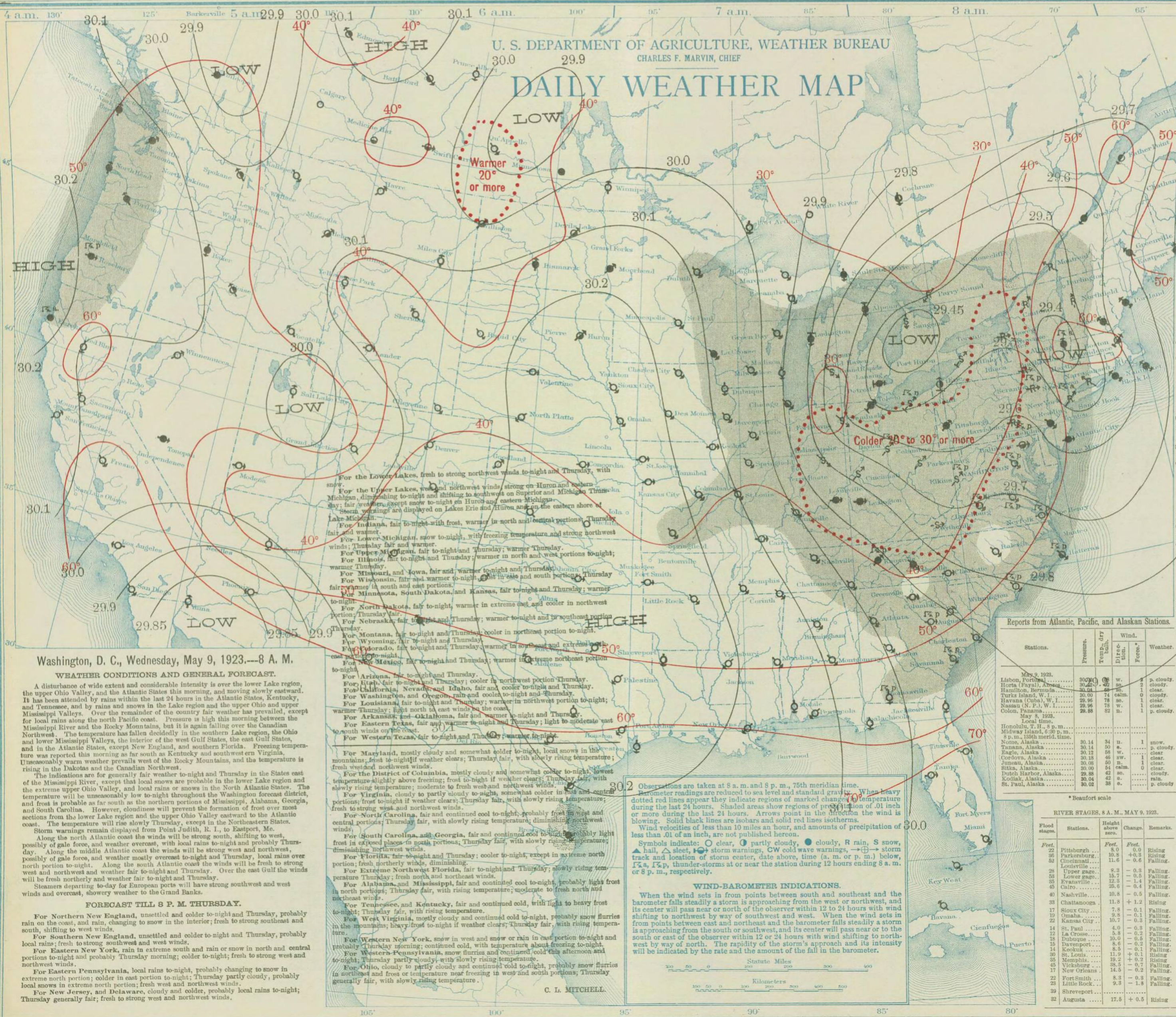


U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU
CHARLES F. MARVIN, CHIEF

DAILY WEATHER MAP



WEATHER CONDITIONS AND GENERAL FORECAST.

A disturbance of wide extent and considerable intensity is over the lower Lake region, the upper Ohio Valley, and the Atlantic States this morning, and moving slowly eastward. It has been attended by rains within the last 24 hours in the Atlantic States, Kentucky, and Tennessee, and by rains and snows in the Lake region and the upper Ohio and upper Mississippi Valleys. Over the remainder of the country fair weather has prevailed, except for local rains along the north Pacific coast. Pressure is high this morning between the Mississippi River and the Rocky Mountains, but it is again falling over the Canadian Northwest. The temperature has fallen decidedly in the southern Lake region, the Ohio and lower Mississippi Valleys, the interior of the west Gulf States, the east Gulf States, and in the Atlantic States, except New England, and southern Florida. Freezing temperature was reported this morning as far south as Kentucky and southwestern Virginia. Unseasonably warm weather prevails west of the Rocky Mountains, and the temperature is rising in the Dakotas and the Canadian Northwest.

The indications are for generally fair weather to-night and Thursday in the States east of the Mississippi River, except that local snows are probable in the lower Lake region and the extreme upper Ohio Valley, and local rains or snows in the North Atlantic States. The temperature will be unseasonably low to-night throughout the Washington forecast district, and in the lower Lake region and the upper Ohio Valley eastward to the Atlantic coast. The temperature will rise slowly Thursday, except in the Northeastern States.

Storm warnings remain displayed from Point Judith, R. I., to Eastport, Me.

Along the north Atlantic coast the winds will be strong south, shifting to west, possibly of gale force, and weather overcast, with local rains to-night and probably Thursday. Along the middle Atlantic coast the winds will be strong west and northwest, possibly of gale force, and weather mostly overcast to-night and Thursday, local rains over north portion to-night. Along the south Atlantic coast the winds will be fresh to strong west and northwest and weather fair to-night and Thursday. Over the east Gulf of Mexico the winds will be fresh northerly and weather fair to-night and Thursday. Steamers departing today for European ports will have strong southwest and west winds and overcast, showery weather to the Grand Banks.

FORECAST TILL 8 P. M. THURSDAY.

For Northern New England, unsettled and colder to-night and Thursday, probably rain on the coast, and rain, changing to snow in the interior; fresh to strong southeast and south, shifting to west winds.

For Southern New England, unsettled and colder to-night and Thursday, probably local rains; fresh to strong southwest and west winds.

For Eastern New York, rain in extreme south and rain or snow in north and central portions to-night and probably Thursday morning; colder to-night; fresh to strong west and northwest winds.

For Eastern Pennsylvania, local rains to-night, probably changing to snow in extreme north portion; colder in east portion to-night; Thursday partly cloudy, probably local snows in extreme north portion; fresh west and northwest winds.

For New Jersey, and Delaware, cloudy and colder, probably local rains to-night; Thursday generally fair; fresh to strong west and northwest winds.

FORECAST TILL 8 P. M. THURSDAY.

For Maryland, mostly cloudy and somewhat colder to-night, local snows in the mountains; fresh to-night if weather clears; Thursday fair, with slowly rising temperature; fresh west and northwest winds.

For the District of Columbia, mostly cloudy and somewhat colder to-night, lowest temperature slightly above freezing; frost to-night if weather clears; Thursday fair, with slowly rising temperature; moderate to fresh west and northwest winds.

For Virginia, cloudy to partly cloudy to-night, somewhat colder in east and central portions; frost to-night if weather clears; Thursday fair, with slowly rising temperature; fresh to strong west and northwest winds.

For North Carolina, fair and continued cool to-night, probably frost in west and central portions; Thursday fair, with slowly rising temperature; diminishing northwest winds.

For South Carolina and Georgia, fair and continued cool to-night, probably light frost in exposed places in north portions; Thursday fair, with slowly rising temperature; diminishing northwest winds.

For Florida, fair to-night and Thursday; cooler to-night, except in extreme north portion; fresh northerly winds, diminishing.

For Extreme Northwest Florida, fair to-night and Thursday; slowly rising temperature Thursday; fresh north and northeast winds.

For Alabama, and Mississippi, fair and continued cool to-night, probably light frost in north portions; Thursday fair, with rising temperature; moderate to fresh north and northeast winds.

For Tennessee, and Kentucky, fair and continued cold, with light to heavy frost to-night; Thursday fair, with rising temperature.

For West Virginia, mostly cloudy and continued cold to-night, probably snow flurries in the mountains; heavy frost to-night if weather clears; Thursday fair, with rising temperature.

For Western New York, snow in west and snow or rain in east portion to-night and probably Thursday morning; continued cold, with temperature about freezing to-night.

For Western Pennsylvania, snow flurries and continued cold this afternoon and to-night; Thursday partly cloudy, with slowly rising temperature.

For Ohio, cloudy to partly cloudy and continued cold to-night, probably snow flurries in southeast and frost or temperature near freezing in west and south portions; Thursday generally fair, with slowly rising temperature.

WIND-BAROMETER INDICATIONS.

When the wind sets in from points between south and southeast and the barometer falls steadily a storm is approaching from the west or northwest, and its center will pass near or north of the observer within 12 to 24 hours with shifting to northwest by way of southwest and west. When the wind sets in from points between east and northeast and the barometer falls steadily a storm is approaching from the south or southwest, and its center will pass near or to the south or east of the observer within 12 or 24 hours with wind shifting to north-west by way of north. The rapidity of the storm's approach and its intensity will be indicated by the rate and the amount of the fall in the barometer.

REPORTS FROM ATLANTIC, PACIFIC, AND ALASKAN STATIONS.

Stations.	Pressure.	Temp. Air.	Temp. Sea.	Wind.	Weather.
Lisbon, Portugal	30.00	59	59	sw	a. cloudy.
Horta (Fayal), Azores	30.00	59	59	sw	cloudy.
Hamilton, Bermuda	30.04	60	60	sw	1 clear.
Turks Island, W. I.	30.00	74	calm.	0	cloudy.
Havana (Cuba), W. I.	29.96	78	sw	1	clear.
Nassau (N. P.), W. I.	29.96	78	w	1	clear.
Colon, Panama	29.88	82	n	1	p. cloudy.

RIVER STAGES, 8 A. M., MAY 9, 1923.

Feet.	Stations.	Height above sea.	Change.	Remarks.
22	Pittsburgh	8.0	0.0	Rising
36	Parkersburg	10.8	+0.3	Rising
22	Cincinnati	10.7	-0.6	Falling.
28	Louisville	8.3	0.0	Falling.
28	Upper gauge	8.3	-0.3	Falling.
35	Lower gauge	15.7	-0.4	Falling.
35	Evansville	12.8	-1.4	Falling.
40	Nashville	10.7	-0.5	Falling.
33	Chattanooga	11.8	+1.2	Rising.
17	St. Paul	7.8	-0.1	Falling.
19	Omaha	9.8	-0.1	Falling.
22	Kansas City	10.7	-0.3	Falling.
14	St. Paul	4.0	-0.3	Falling.
12	St. Louis	5.8	+0.1	Rising.
15	Dubuque	8.6	-0.2	Falling.
14	Keokuk	8.5	-0.1	Falling.
30	St. Louis	11.9	+0.1	Rising.
35	Memphis	19.2	+0.2	Rising.
45	Vicksburg	14.5	-0.2	Falling.
22	New Orleans	8.3	-0.3	Falling.
23	Fort Smith	8.3	-0.8	Falling.
39	Little Rock	9.3	-1.8	Falling.
39	Shreveport	17.5	+0.8	Rising.
32	Augusta	17.5	+0.8	Rising.

DISTRICTS AND STATIONS.

Reduced to mean sea level and reduced to 32° F.	Barometer at time	Temp. at time	Wind	Weather
St. Johns, N. F.	29.84	60	sw	1 clear.
Father Point, Que.	29.84	60	sw	1 clear.
Quebec, Que.	29.84	60	sw	1 clear.
Montreal, Que.	29.84	60	sw	1 clear.
Greenville, Me.	29.84	60	sw	1 clear.
Eastport, Me.	29.84	60	sw	1 clear.
Norwich, Vt.	29.84	60	sw	1 clear.
Portland, Me.	29.84	60	sw	1 clear.
Concord, N. H.	29.84	60	sw	1 clear.
Boston, Mass.	29.84	60	sw	1 clear.
Nantucket, Mass.	29.84	60	sw	1 clear.
Rock Island, R. I.	29.84	60	sw	1 clear.
New Haven, Conn.	29.84	60	sw	1 clear.
Canton, N. Y.	29.84	60	sw	1 clear.
Binghamton, N. Y.	29.84	60	sw	1 clear.
Albany, N. Y.	29.84	60	sw	1 clear.
Baltimore, Md.	29.84	60	sw	1 clear.
Washington, D. C.	29.84	60	sw	1 clear.
Norfolk, Va.	29.84	60	sw	1 clear.
Richmond, Va.	29.84	60	sw	1 clear.
York, Pa.	29.84	60	sw	1 clear.
Harrisburg, Pa.	29.84	60	sw	1 clear.
Philadelphia, Pa.	29.84	60	sw	1 clear.
Atlantic City, N. J.	29.84	60	sw	1 clear.
Washington, D. C.	29.84	60	sw	1 clear.
Richmond, Va.	29.84	60	sw	1 clear.
Charleston, S. C.	29.84	60	sw	1 clear.
Columbia, S. C.	29.84	60	sw	1 clear.
Augusta, Ga.	29.84	60	sw	1 clear.
Savannah, Ga.	29.84	60	sw	1 clear.
Jacksonville, Fla.	29.84	60	sw	1 clear.
Miami, Fla.	29.84	60	sw	1 clear.
Key West, Fla.	29.84	60	sw	1 clear.
Atlanta, Ga.	29.84	60	sw	1 clear.
Macon, Ga.	29.84	60	sw	1 clear.
Tombaliga, Fla.	29.84	60	sw	1 clear.
Palmdale, Ala.	29.84	60	sw	1 clear.
Montgomery, Ala.	29.84	60	sw	1 clear.
Birmingham, Ala.	29.84	60	sw	1 clear.
Meridian, Miss.	29.84	60	sw	1 clear.
Corinth, Miss.	29.84	60	sw	1 clear.
Vicksburg, Miss.	29.84	60	sw	1 clear.
New Orleans, La.	29.84	60	sw	1 clear.
Shreveport, La.	29.84	60	sw	1 clear.
Fort Smith, Ark.	29.84	60	sw	1 clear.
Little Rock, Ark.	29.84	60	sw	1 clear.
St. Louis, Mo.	29.84	60	sw	1 clear.
St. Paul, Minn.	29.84	60	sw	1 clear.
Chicago, Ill.	29.84	60	sw	1 clear.
Indianapolis, Ind.	29.84	60	sw	1 clear.
Cincinnati, Ohio	29.84	60	sw	1 clear.
Columbus, Ohio	29.84	60	sw	1 clear.
Dayton, Ohio	29.84	60	sw	1 clear.
Cleveland, Ohio	29.84	60	sw	1 clear.
Pittsburgh, Pa.	29.84	60	sw	1 clear.
Springfield, Mo.	29.84	60	sw	1 clear.
St. Paul, Minn.	29.84	60	sw	1 clear.
St. Louis, Mo.	29.84	60	sw	1 clear.
St. Paul, Minn.	29.84	60	sw	1 clear.
St. Paul, Minn.	29.84	60	sw	1 clear.

C. L. MITCHELL.