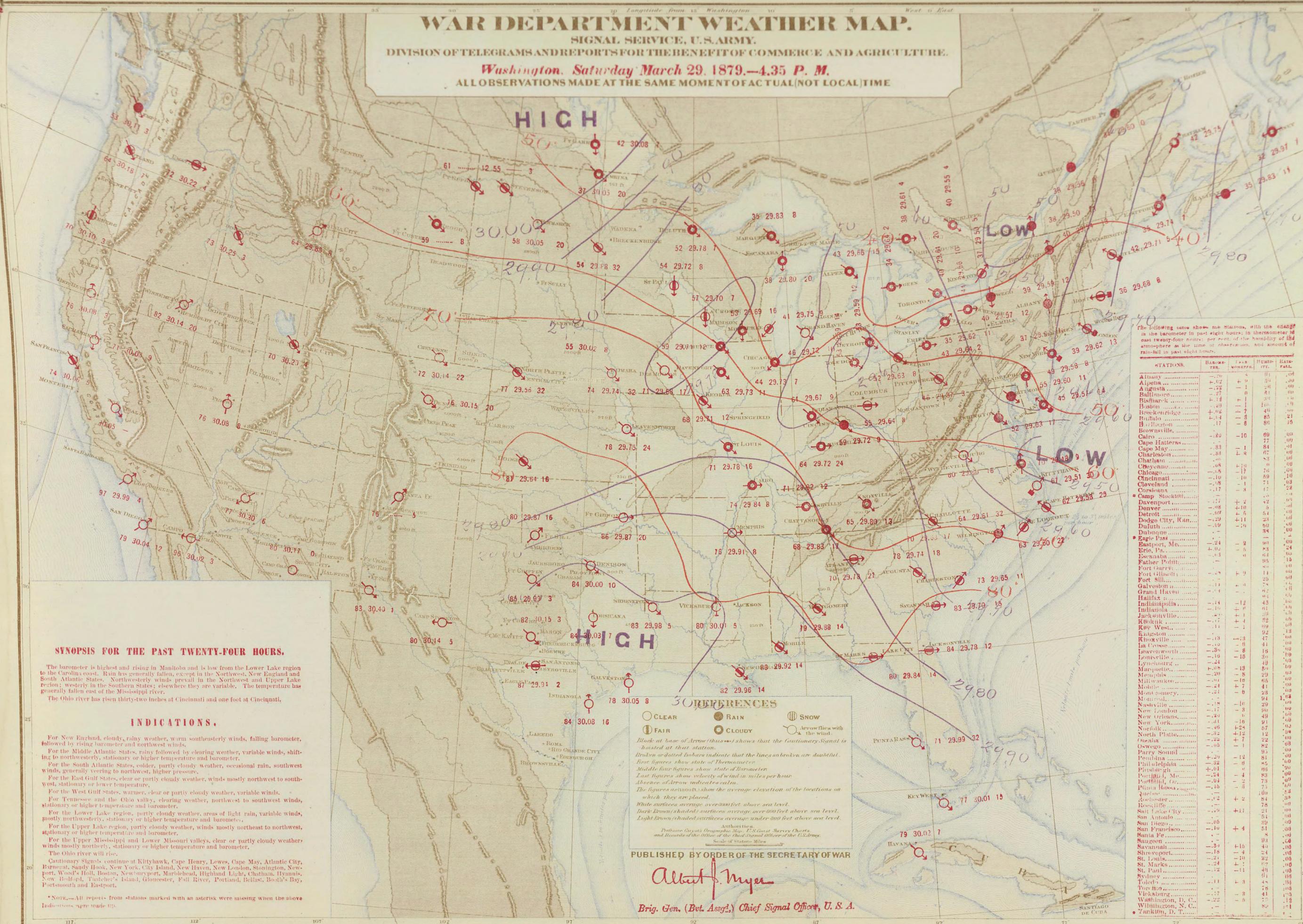


WAR DEPARTMENT WEATHER MAP.
 SIGNAL SERVICE, U.S. ARMY.
 DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.
Washington, Saturday March 29, 1879.—4.35 P. M.
 ALL OBSERVATIONS MADE AT THE SAME MOMENT OF ACTUAL (NOT LOCAL) TIME



The following table shows the stations, with the change in the barometer in past eight hours; in thermometer in past twenty-four hours; per cent of the humidity of the atmosphere at the time of observation; and amount of rain-fall in past eight hours.

STATIONS	BAROMETER	TEMPERATURE	HUMIDITY	RAIN-FALL
Albany	-.20	+ 3	71	.00
Alpena	-.22	+ 1	24	.00
Annapolis	-.27	+ 0	81	.00
Baltimore	-.27	+ 1	81	.00
Bismarck	-.12	+ 1	31	.00
Boston	-.19	+ 1	71	.00
Brookfield	-.12	+ 1	71	.00
Buffalo	-.14	+ 3	85	.21
Burlington	-.17	+ 8	80	.15
Brownsville	-.17	+ 8	80	.15
Cairo	-.20	+ 10	69	.00
Cape Hatteras	-.33	+ 1	84	.01
Charleston	-.38	+ 8	67	.00
Charlottesville	-.08	+ 1	83	.00
Chattanooga	-.08	+ 1	76	.00
Cincinnati	-.10	+ 10	69	.10
Cleveland	-.18	+ 1	71	.02
Corsicana	-.17	+ 8	75	.00
Cornwall	-.17	+ 8	75	.00
Davenport	-.17	+ 2	72	.00
Denver	-.08	+ 10	5	.00
Detroit	-.09	+ 6	54	.00
Dodge City, Kan.	-.20	+ 11	23	.00
Duluth	-.10	+ 10	60	.00
Durham	-.10	+ 10	38	.00
Eagle Pass	-.10	+ 10	38	.00
Eastport, Me.	-.24	+ 2	90	.00
Elie, Pa.	-.08	+ 5	83	.00
Essexville	-.08	+ 5	83	.00
Falmer, Pa.	-.08	+ 5	83	.00
Fort Carroll	-.08	+ 5	83	.00
Fort Gibson	-.08	+ 5	83	.00
Fort Sill	-.08	+ 5	83	.00
Galveston	-.11	+ 4	25	.00
Grand Haven	-.24	+ 1	62	.00
Hallifax	-.08	+ 5	83	.00
Indianapolis	-.14	+ 1	45	.00
Indianola	-.10	+ 1	31	.00
Jacksonville	-.17	+ 4	82	.00
Knoxville	-.11	+ 1	89	.00
Knoxville	-.11	+ 1	89	.00
Lafayette	-.13	+ 3	97	.00
Lake Charles	-.10	+ 0	41	.00
Lawsonville	-.39	+ 8	16	.00
Louisville	-.10	+ 10	30	.00
Lynchburg	-.08	+ 13	49	.00
Manassas	-.20	+ 8	29	.00
Memphis	-.04	+ 10	65	.00
Mobile	-.24	+ 7	41	.00
Montgomery	-.24	+ 7	41	.00
Monroeville	-.24	+ 7	41	.00
Nashville	-.18	+ 10	29	.00
New London	-.17	+ 3	80	.00
New Orleans	-.20	+ 8	49	.00
New York	-.04	+ 16	91	.00
Norfolk	-.46	+ 24	67	.00
North Platte	-.32	+ 12	12	.00
Ozark	-.22	+ 7	22	.00
Oswego	-.05	+ 1	82	.00
Parry Sound	-.10	+ 1	81	.00
Pennsboro	-.29	+ 12	81	.00
Philadelphia	-.32	+ 0	85	.00
Pittsburgh	-.01	+ 0	86	.00
Portsmouth	-.24	+ 4	83	.00
Portland	-.04	+ 2	78	.00
Punta Herra	-.16	+ 3	75	.00
Quebec	-.10	+ 10	24	.00
Rochester	-.12	+ 2	84	.00
Rossville	-.10	+ 1	78	.00
Salt Lake City	-.29	+ 11	21	.00
San Antonio	-.06	+ 10	54	.00
San Diego	-.06	+ 10	54	.00
San Francisco	-.10	+ 4	51	.00
San Jose	-.06	+ 10	54	.00
Saugon	-.06	+ 10	54	.00
Savannah	-.39	+ 16	40	.00
Shreveport	-.16	+ 4	24	.00
St. Louis	-.24	+ 10	92	.00
St. Marks	-.24	+ 1	82	.00
St. Paul	-.12	+ 11	40	.00
Sydney	-.11	+ 3	81	.00
Toldeo	-.11	+ 3	81	.00
Toronto	-.17	+ 8	41	.00
Vicksburg	-.17	+ 8	41	.00
Washington, D. C.	-.22	+ 6	70	.12
Washington, N. C.	-.22	+ 6	70	.12
Zanklyn, D. T.	-.22	+ 6	70	.12

SYNOPSIS FOR THE PAST TWENTY-FOUR HOURS.

The barometer is highest and rising in Manitoba and is low from the Lower Lake region to the Carolina coast. Rain has generally fallen, except in the Northwest, New England and South Atlantic States. Northwesterly winds prevail in the Northwest and Upper Lake region; westerly in the Southern States; elsewhere they are variable. The temperature has generally fallen east of the Mississippi river.
 The Ohio river has risen thirty-two inches at Cincinnati and one foot at Cincinnati.

INDICATIONS.

For New England, cloudy, rainy weather, warm southeasterly winds, falling barometer, followed by rising barometer and northwesterly winds.
 For the Middle Atlantic States, rainy followed by clearing weather, variable winds, shifting to northwesterly, stationary or higher temperature and barometer.
 For the South Atlantic States, colder, partly cloudy weather, occasional rain, southeasterly winds, generally veering to northwest, higher pressure.
 For the East Gulf States, clear or partly cloudy weather, winds mostly northwest to southwest, stationary or lower temperature.
 For the West Gulf States, warmer, clear or partly cloudy weather, variable winds.
 For Tennessee and the Ohio valley, clearing weather, northwest to southwest winds, stationary or higher temperature and barometer.
 For the Lower Lake region, partly cloudy weather, areas of light rain, variable winds, mostly northwesterly, stationary or higher temperature and barometer.
 For the Upper Lake region, partly cloudy weather, winds mostly northeast to northwest, stationary or higher temperature and barometer.
 For the Upper Mississippi and Lower Missouri valleys, clear or partly cloudy weather, winds mostly northerly, stationary or higher temperature and barometer.
 The Ohio river will rise.

Cautionary Signals continue at Kittyhawk, Cape Henry, Lewes, Cape May, Atlantic City, Barnegat, Sandy Hook, New York, City Island, New Haven, New London, Stonington, Newport, Wood's Holl, Boston, Newburyport, Marblehead, Highland Light, Chatham, Hennis, New Bedford, Thatcher's Island, Gloucester, Fall River, Portland, Belfast, Booth's Bay, Portsmouth and Eastport.

*NOTE.—All reports from stations marked with an asterisk were missing when the above indications were made.

REFERENCES

- CLEAR
- ☁ FAIR
- ☁ RAIN
- ☁ CLOUDY
- ☁ SNOW
- ↻ Arrow shows with the wind.

Black at base of Arrow (this) shows that the Cautionary Signal is hoisted at that station.
 Broken or dotted isobars indicate that the lines so broken are doubtful.
 First figures show state of Thermometer.
 Middle lower figures show state of Barometer.
 Last figures show velocity of wind in miles per hour.
 Absence of Arrow indicates calm.
 The figures in parentheses show the average elevation of the locations on which they are placed.
 White surfaces average over 2000 feet above sea level.
 Dark Brown shaded surfaces average over 1000 feet above sea level.
 Light Brown shaded surfaces average under 500 feet above sea level.

Authorities:
 Professor Guyot's Orographic Map, U.S. Coast Survey Charts, and Reports of the Officers of the U.S. Army.
 Scale of Statute Miles

PUBLISHED BY ORDER OF THE SECRETARY OF WAR
Albert J. Myer
 Brig. Gen. (Bot. Asst.), Chief Signal Officer, U. S. A.