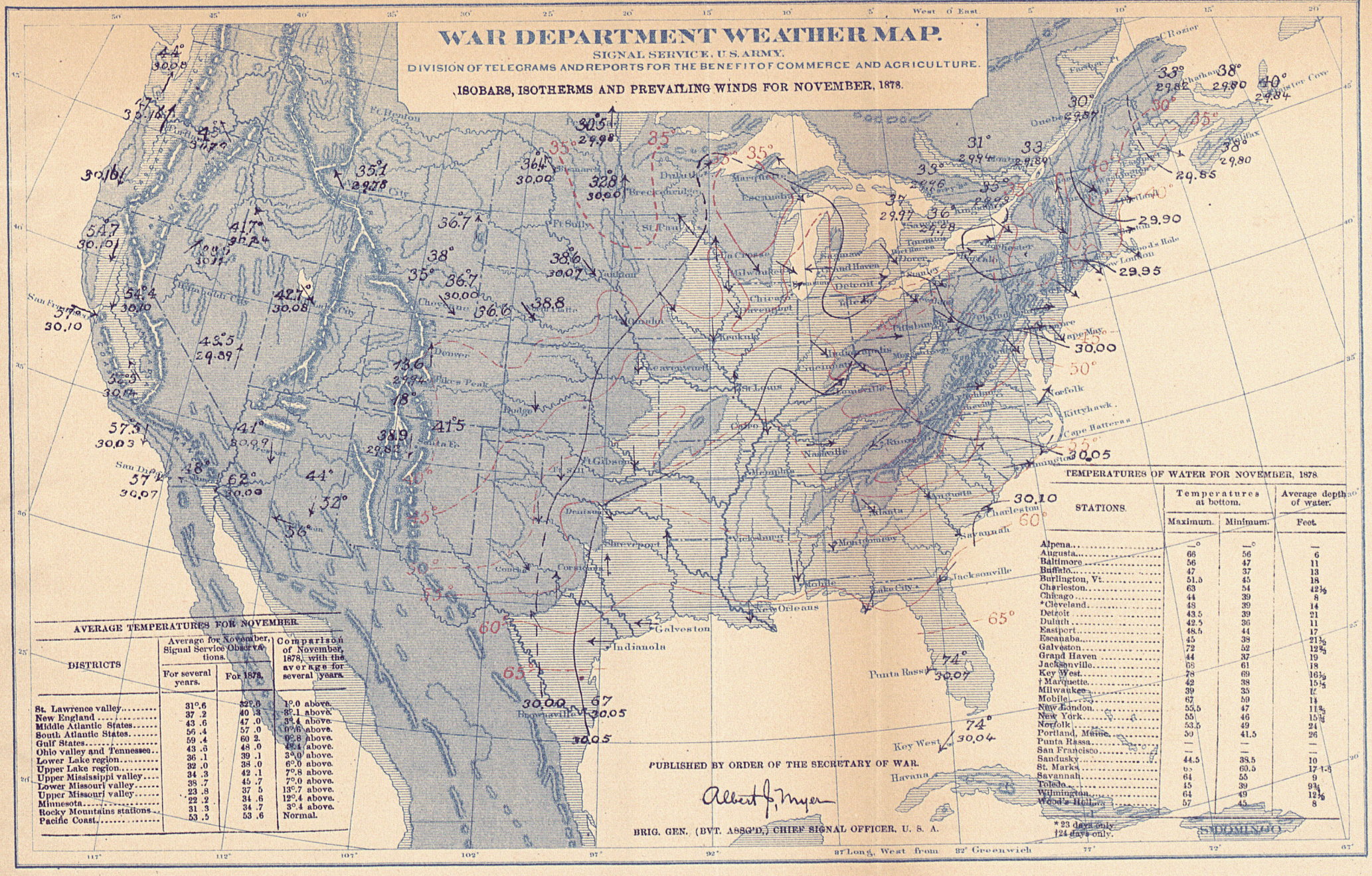
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR NOVEMBER, 1878.



AVERAGE TEMPERATURES FOR NOVEMBER.

DISTRICTS	Average for November, Signal Service Observations. For several years.	For 1878.	Comparison of November, 1878, with the average for several years.
St. Lawrence valley	31°.6	32°.0	1°.0 above.
New England	37 .2	40 .3	3°.1 above.
Middle Atlantic States	43 .6	47 .0	3°.4 above.
South Atlantic States	56 .4	57 .0	0°.6 above.
Gulf States	59 .4	60 2.	0°.8 above.
Ohio valley and Tennessee	43 .6	48 .0	4°.4 above.
Lower Lake region	36 .1	39 .1	3°.0 above.
Upper Lake region	32 .0	38 .0	6°.0 above.
Upper Mississippi valley	34 .3	42 .1	7°.8 above.
Lower Missouri valley	38 .7	45 .7	7°.0 above.
Upper Missouri valley	23 .8	37 .5	13°.7 above.
Minnesota	22 .2	34 .6	12°.4 above.
Rocky Mountains stations	31 .3	34 .7	3°.4 above.
Pacific Coast	53 .5	53 .6	Normal.

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Albert J. Myer

BRIG. GEN. (BVT. A.S.G'D.) CHIEF SIGNAL OFFICER, U. S. A.

TEMPERATURES OF WATER FOR NOVEMBER, 1878.

STATIONS	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	—°	—°	—
Augusta	66	56	6
Baltimore	56	47	11
Buffalo	47	37	13
Burlington, Vt.	51.5	45	18
Charleston	63	54	42½
Chicago	44	39	8
*Cleveland	48	39	14
Detroit	43.5	39	21
Duluth	42.5	36	11
Eastport	48.5	44	17
Escanaba	45	38	21½
Galveston	72	52	12½
Grand Haven	44	37	19
Jacksonville	68	61	18
Key West	78	69	16½
†Marquette	42	38	15½
Milwaukee	39	35	17
Mobile	67	59	14
New London	55.5	47	11½
New York	55	46	15½
Norfolk	53.5	49	24
Portland, Maine	50	41.5	26
Punta Rassa	—	—	—
San Francisco	—°	—°	—
Sandusky	44.5	38.5	10
St. Marks	65	60.5	17 1-3
Savannah	64	55	9
Toledo	45	39	9¾
Wilmington	64	49	12½
Wood's Holl	57	45	8

*23 days only.
†24 days only.

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