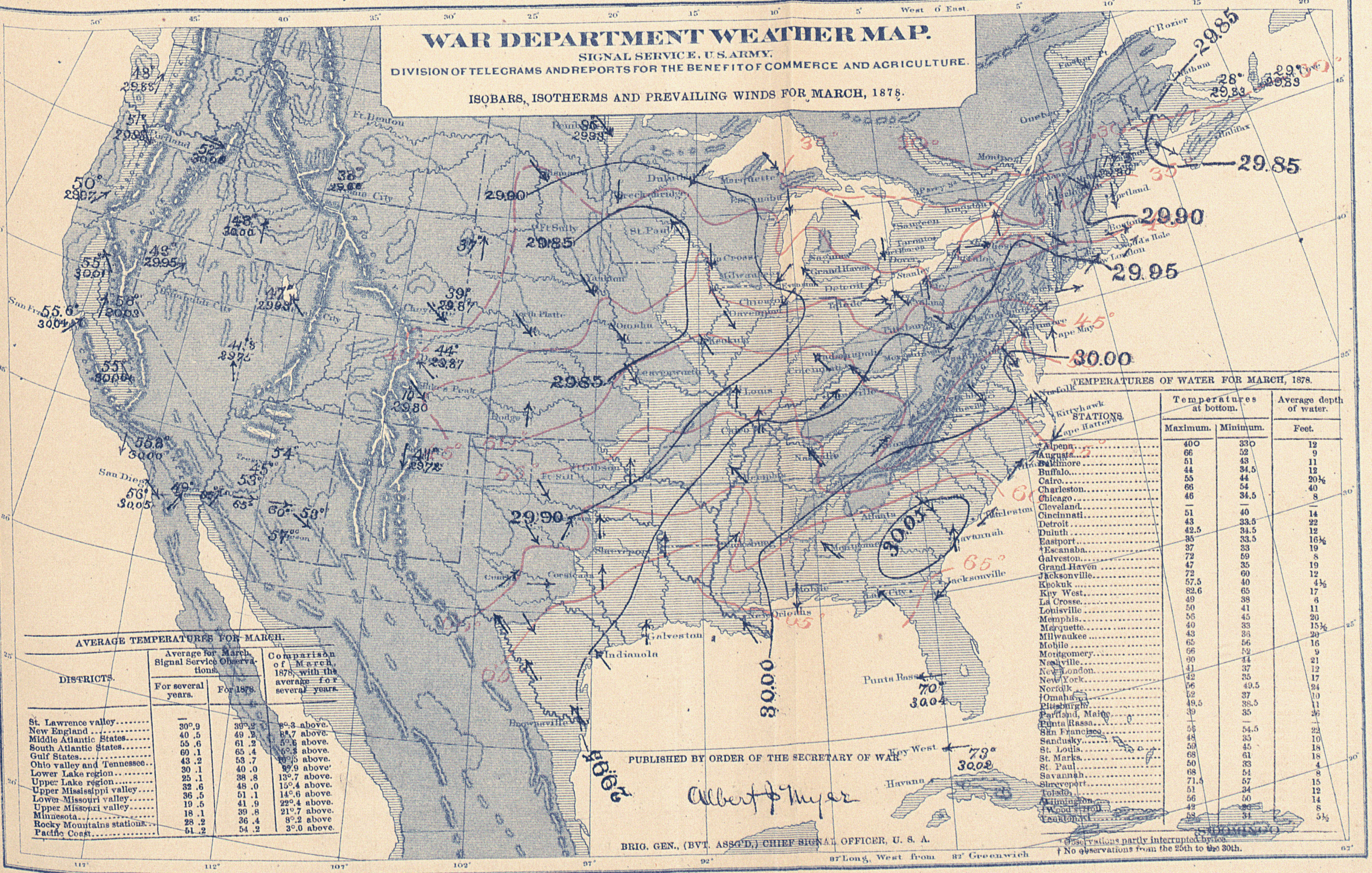
No. II.

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 MARCH, 1878.



AVERAGE TEMPERATURES FOR MARCH.

DISTRICTS.	Average for March, Signal Service Observations. For several years.	For 1878.	Comparison of March, 1878, with the average for several years.
St. Lawrence valley	30°.9	39°.2	8°.3 above.
New England	40 .5	49 .2	8°.7 above.
Middle Atlantic States	55 .6	61 .2	5°.6 above.
South Atlantic States	60 .1	65 .4	5°.3 above.
Gulf States	43 .2	53 .7	10°.5 above.
Ohio valley and Tennessee	30 .1	40 .0	9°.9 above.
Lower Lake region	25 .1	38 .8	13°.7 above.
Upper Lake region	32 .6	48 .0	15°.4 above.
Upper Mississippi valley	36 .5	51 .1	14°.6 above.
Lower Missouri valley	19 .5	41 .9	22°.4 above.
Upper Missouri valley	18 .1	39 .8	21°.7 above.
Minnesota	28 .2	36 .4	8°.2 above
Rocky Mountains stations	51 .2	54 .2	3°.0 above.
Pacific Coast			

TEMPERATURES OF WATER FOR MARCH, 1878.

STATIONS	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
*Alpena	40○	33○	12
Augusta	66	52	9
Baltimore	51	43	11
Buffalo	44	34.5	12
Cairo	55	44	20½
Charleston	66	54	40
Chicago	46	34.5	8
Cleveland	—	—	—
Cincinnati	51	40	14
Detroit	43	33.5	22
Duluth	42.5	34.5	12
Eastport	35	33.5	16½
*Escanaba	37	33	19
Galveston	72	59	8
Grand Haven	47	35	19
Jacksonville	72	60	12
Keokuk	57.5	40	4½
Key West	82.6	65	17
La Crosse	49	38	6
Louisville	50	41	11
Memphis	56	45	20
Marquette	40	33	15½
Milwaukee	43	36	20
Mobile	65	56	16
Montgomery	66	52	9
Nashville	60	44	21
New London	41	37	12
New York	42	35	17
Norfolk	56	49.5	24
†Omaha	52	37	10
Pittsburgh	49.5	38.5	11
Portland, Maine	39	35	26
Punta Rassa	—	—	—
San Francisco	56	54.5	22
Sandusky	48	35	10
St. Louis	59	45	18
St. Marks	68	61	18
St. Paul	50	33	4
Savannah	68	54	8
Shreveport	71.5	57	15
Toledo	51	34	12
Wilmington	56	50	14
†Wood's Holl	42	[illegible]	8
Yankton	58	34	5½

* Observations partly interrupted by ice.

† No observations from the 25th to the 30th.

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Albert J. Myer

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