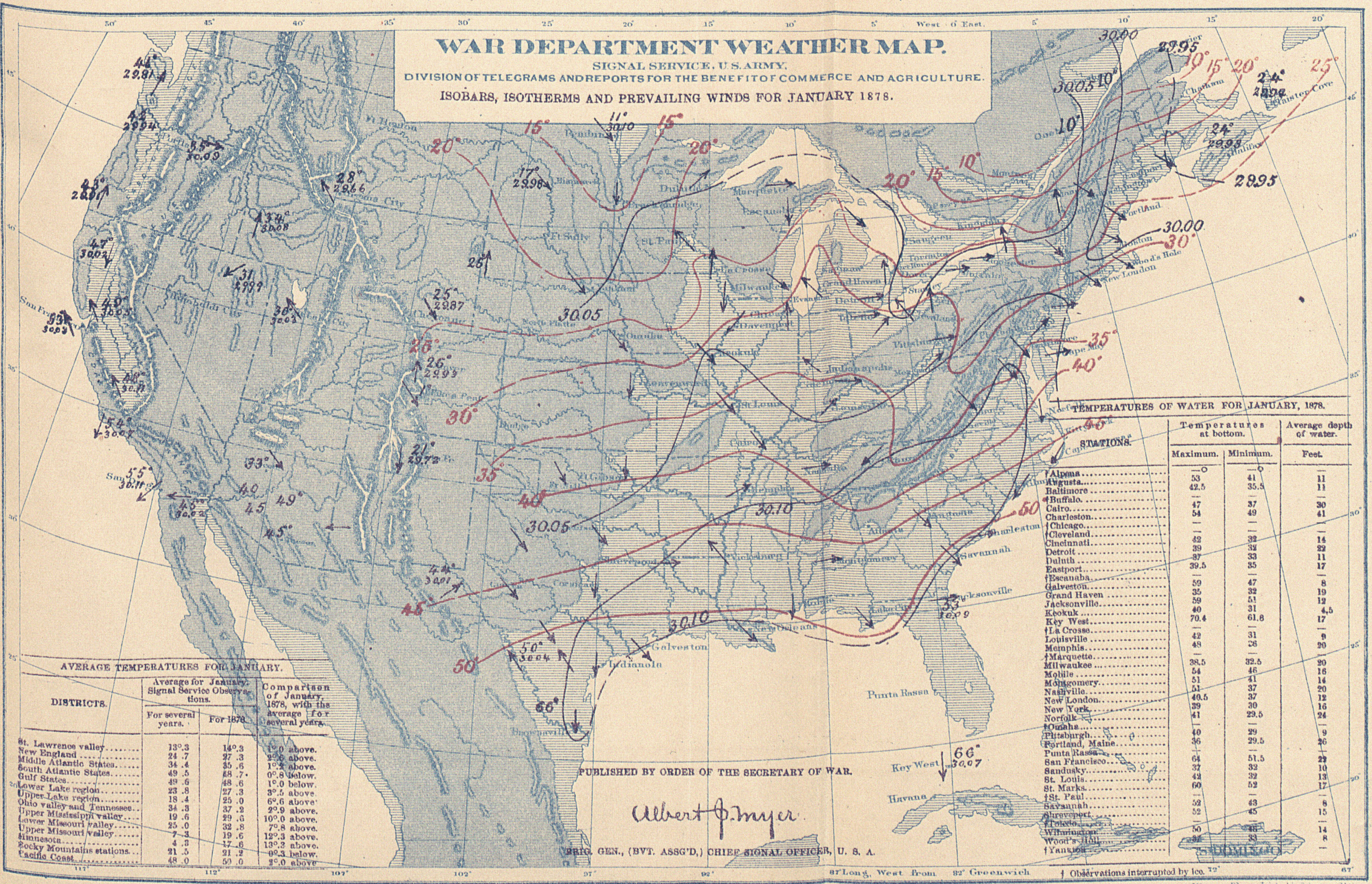
No. II.

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 JANUARY 1878.



AVERAGE TEMPERATURES FOR JANUARY.			
DISTRICTS.	Average for January. Signal Service Observations.		Comparison of January, 1878, with the average for several years.
	For several years.	For 1878.	
St. Lawrence valley	13°.3	14°.3	1°.0 above.
New England	24 .7	27 .3	2°.6 above.
Middle Atlantic States	34 .4	35 .6	1°.2 above.
South Atlantic States	49 .5	48 .7	0°.8 below.
Gulf States	49 .6	48 .6	1°.0 below.
Lower Lake region	23 .8	27 .3	3°.5 above.
Upper Lake region	18 .4	25 .0	6°.6 above.
Ohio valley and Tennessee	34 .3	37 .2	2°.9 above.
Upper Mississippi valley	19 .6	29 .6	10°.0 above.
Lower Missouri valley	25 .0	32 .8	7°.8 above.
Upper Missouri valley	7 .3	19 .6	12°.3 above.
Minnesota	4 .3	17 .6	13°.3 above.
Rocky Mountains stations	21 .5	21 .2	0°.3 below.
Pacific Coast	48 .0	50 .0	2°.0 above

TEMPERATURES OF WATER FOR JANUARY, 1878.			
STATIONS.	Temperatures at bottom.		Average depth of water.
	Maximum.	Minimum.	Feet.
†Alpena	—°	—°	—
Augusta	53	41	11
Baltimore	42.5	35.5	11
†Buffalo	—	—	—
Cairo	47	37	30
Charleston	54	49	41
†Chicago	—	—	—
†Cleveland	—	—	—
Cincinnati	42	32	14
Detroit	39	32	22
Duluth	37	33	11
Eastport	39.5	35	17
†Escanaba	—	—	—
Galveston	59	47	8
Grand Haven	35	32	19
Jacksonville	59	51	12
Keokuk	40	31	4,5
Key West	70.4	61.8	17
†La Crosse	—	—	—
Louisville	42	31	9
Memphis	48	36	20
†Marquette	—	—	—
Milwaukee	38.5	32.5	20
Mobile	54	46	16
Montgomery	51	41	14
Nashville	51	37	20
New London	40.5	37	12
New York	39	30	16
Norfolk	41	29.5	24
†Omaha	—	—	—
Pittsburgh	40	29	9
Portland, Maine	36	29.5	26
Punta Rassa	—	—	—
San Francisco	64	51.5	22
Sandusky	37	32	10
St. Louis	42	32	13
St. Marks	60	52	17
†St. Paul	—	—	—
Savannah	52	43	8
Shreveport	52	45	15
†Toledo	—	—	—
Wilmington	50	46	14
Wood's Hole	38	33	8
†Yankton	—	—	—

† Observations interrupted by ice.

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