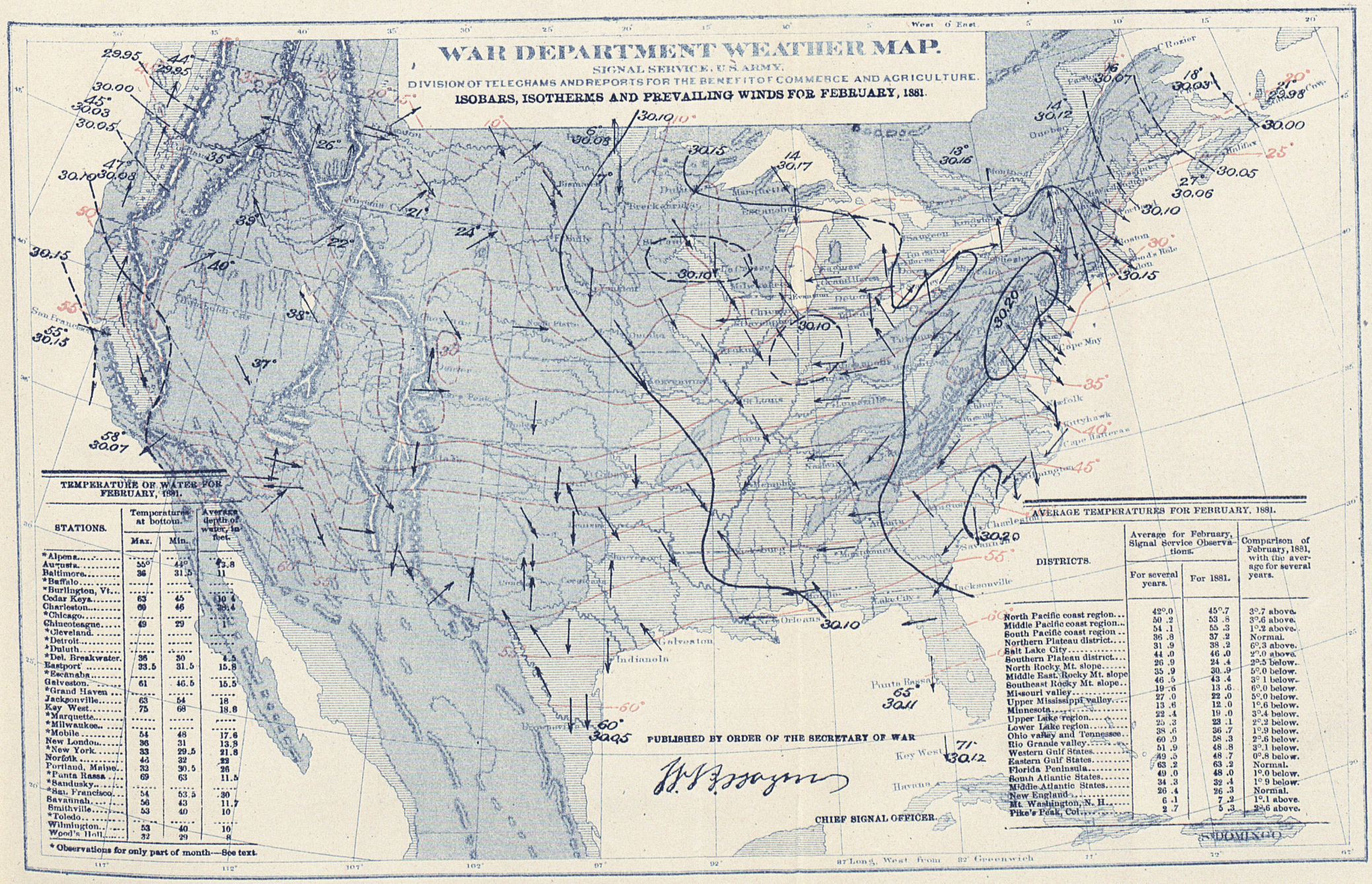
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR FEBRUARY, 1881.



TEMPERATURE OF WATER FOR FEBRUARY, 1881.

STATIONS.	Temperature at bottom. Max.	Min.	Average depth of water, in feet.
*Alpena	.....	.....	.....
Augusta	55°	44°	13.8
Baltimore	36	31.5	11
*Buffalo	.....	.....	.....
*Burlington, Vt.	.....	.....	.....
Cedar Keys	63	45	10.4
Charleston	69	46	38.4
*Chicago	.....	.....	.....
Chincoteague	49	29	1
*Cleveland	.....	.....	.....
*Detroit	.....	.....	.....
*Duluth	.....	.....	.....
*Del. Breakwater	36	30	4.5
Eastport	33.5	31.5	15.8
*Escanaba	.....	.....	.....
Galveston	61	46.5	15.5
*Grand Haven	.....	.....	.....
Jacksonville	63	54	18
Key West	75	68	18.6
*Marquette	.....	.....	.....
*Milwaukee	.....	.....	.....
*Mobile	54	48	17.6
New London	36	31	13.3
*New York	33	29.5	21.8
Norfolk	45	32	22
Portland, Maine	32	30.5	26
*Punta Rassa	69	63	11.5
*Sandusky	.....	.....	.....
*San Francisco	54	53.5	30
Savannah	56	43	11.7
Smithville	53	40	10
*Toledo	.....	.....	.....
Wilmington	53	40	10
Wood's Holl	32	29	8

* Observations for only part of month—See text.

AVERAGE TEMPERATURES FOR FEBRUARY, 1881.

DISTRICTS.	Average for February, Signal Service Observations. For several years.	For 1881.	Comparison of February, 1881, with the average for several years.
North Pacific coast region	42°.0	45°.7	3°.7 above.
Middle Pacific coast region	50 .2	53 .8	3°.6 above.
South Pacific coast region	54 .1	55 .3	1°.2 above.
Northern Plateau district	36 .8	37 .2	Normal.
Salt Lake City	31 .9	38 .2	6°.3 above.
Southern Plateau district	44 .0	46 .0	2°.0 above.
North Rocky Mt. slope	26 .9	24 .4	2°.5 below.
Middle East. Rocky Mt. slope	35 .9	30 .9	5°.0 below.
Southeast Rocky Mt. slope	46 .5	43 .4	3°.1 below.
Missouri valley	19 .6	13 .6	6°.0 below.
Upper Mississippi valley	27 .0	22 .0	5°.0 below.
Minnesota	13 .6	12 .0	1°.6 below.
Upper Lake region	22 .4	19 .0	3°.4 below.
Lower Lake region	25 .3	23 .1	2°.2 below.
Ohio valley and Tennessee	38 .6	36 .7	1°.9 below.
Rio Grande valley	60 .9	58 .3	2°.6 below.
Western Gulf States	51 .9	48 .8	3°.1 below.
Eastern Gulf States	49 .5	48 .7	0°.8 below.
Florida Peninsula	63 .2	63 .2	Normal.
South Atlantic States	49 .0	48 .0	1°.0 below.
Middle Atlantic States	34 .3	32 .4	1°.9 below.
New England	26 .4	26 .3	Normal.
Mt. Washington, N. H.	6 .1	7 .2	1°.1 above.
Pike's Peak, Col.	2 .7	5 .3	2°.6 above.