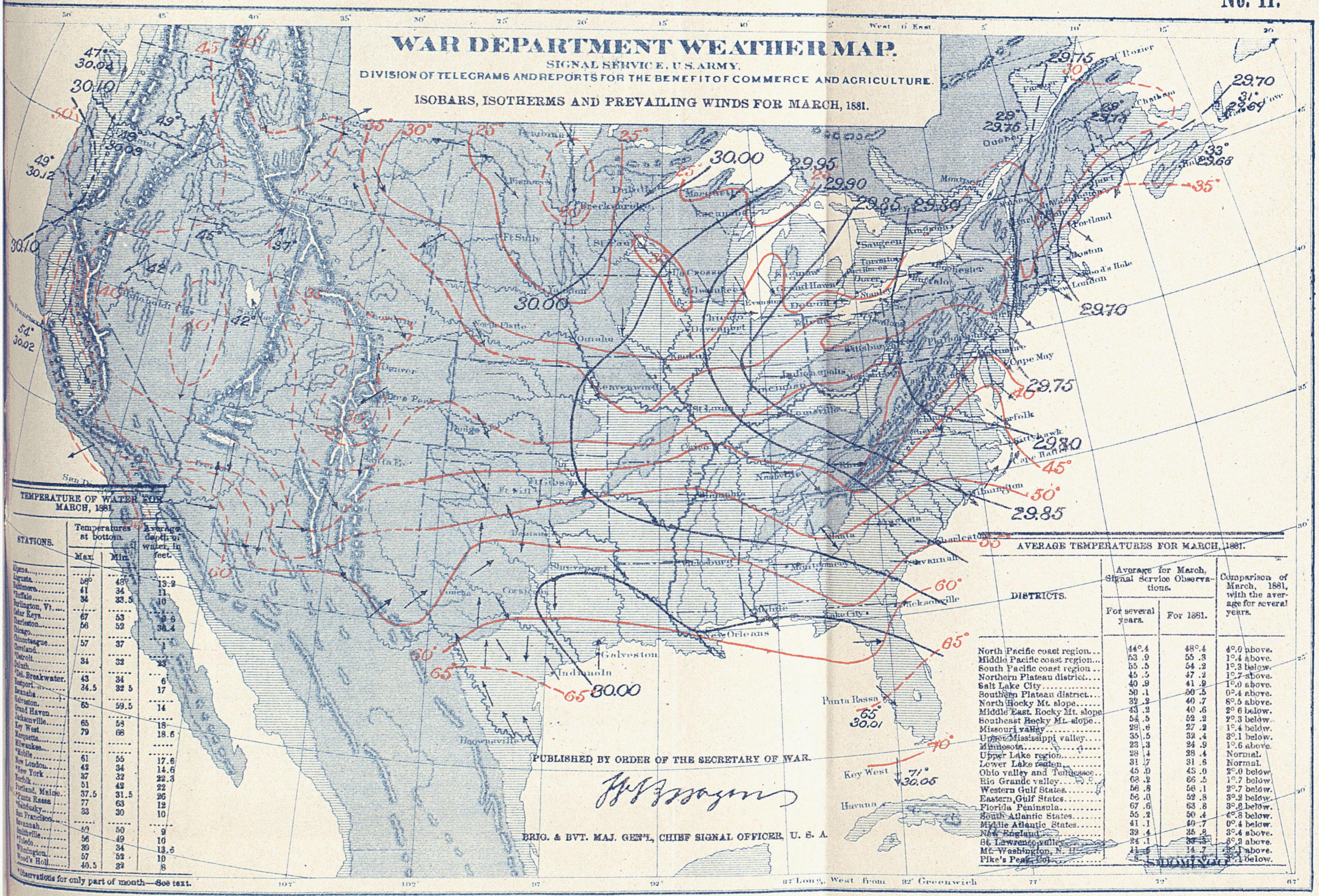
No. II.

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, 1881.



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TEMPERATURE OF WATER FOR MARCH, 1881.

STATIONS.	Temperatures at bottom. Max.	Min.	Average depth of water, in feet.
Alpena	......	......	......
Augusta	58°	48°	13.2
Baltimore	41	34	11
*Buffalo	34	33.5	10
Burlington, Vt.	......	......	......
Cedar Keys	67	53	9.5
Charleston	56	52	36.4
Chicago	......	......	......
Chincoteague	57	37	1
Cleveland	......	......	......
*Detroit	34	32	23
Duluth	......	......	......
*Del. Breakwater	43	34	6
Eastport	34.5	32.5	17
Escanaba	......	......	......
Galveston	65	59.5	14
Grand Haven	......	......	......
Jacksonville	65	58	18
Key West	79	68	18.6
Marquette	......	......	......
Milwaukee	......	......	......
*Mobile	61	55	17.6
New London	42	34	14.6
*New York	37	32	22.3
Norfolk	51	42	22
Portland, Maine	37.5	31.5	26
*Punta Rassa	77	63	12
*Sandusky	33	30	10
San Francisco	......	......	......
Savannah	59	50	9
Smithville	56	49	10
*Toledo	39	34	13.6
Wilmington	57	52	10
Wood's Holl	40.5	37	8

*Observations for only part of month—See text.

AVERAGE TEMPERATURES FOR MARCH, 1881.

DISTRICTS.	Average for March, Signal Service Observations. For several years.	For 1881.	Comparison of March, 1881, with the average for several years.
North Pacific coast region	44°.4	48°.4	4°.0 above.
Middle Pacific coast region	53 .9	55 .3	1°.4 above.
South Pacific coast region	55 .5	54 .2	1°.3 below.
Northern Plateau district	45 .5	47 .2	1°.7 above.
Salt Lake City	40 .9	41 .9	1°.0 above.
Southern Plateau district	50 .1	50 .5	0°.4 above.
North Rocky Mt. slope	32 .2	40 .7	8°.5 above.
Middle East. Rocky Mt. slope	43 .2	40 .6	2°.6 below.
Southeast Rocky Mt. slope	54 .5	52 .2	2°.3 below.
Missouri valley	28 .6	27 .2	1°.4 below.
Upper Mississippi valley	35 .5	32 .4	3°.1 below.
Minnesota	23 .3	24 .9	1°.6 above.
Upper Lake region	28 .4	28 .4	Normal.
Lower Lake region	31 .7	31 .6	Normal.
Ohio valley and Tennessee	45 .0	43 .0	2°.0 below.
Rio Grande valley	68 .2	66 .5	1°.7 below.
Western Gulf States	58 .8	56 .1	2°.7 below.
Eastern Gulf States	56 .0	52 .8	3°.2 below.
Florida Peninsula	67 .6	63 .8	3°.8 below.
South Atlantic States	55 .2	50 .4	4°.8 below.
Middle Atlantic States	41 .1	40 .7	0°.4 below.
New England	32 .4	35 .8	3°.4 above.
St. Lawrence valley	24 .1	[illegible]	[illegible] above.
Mt. Washington, N. H.	11 .6	14 .7	[illegible] above.
Pike's Peak, Col.	[illegible]	[illegible]	[illegible] below.