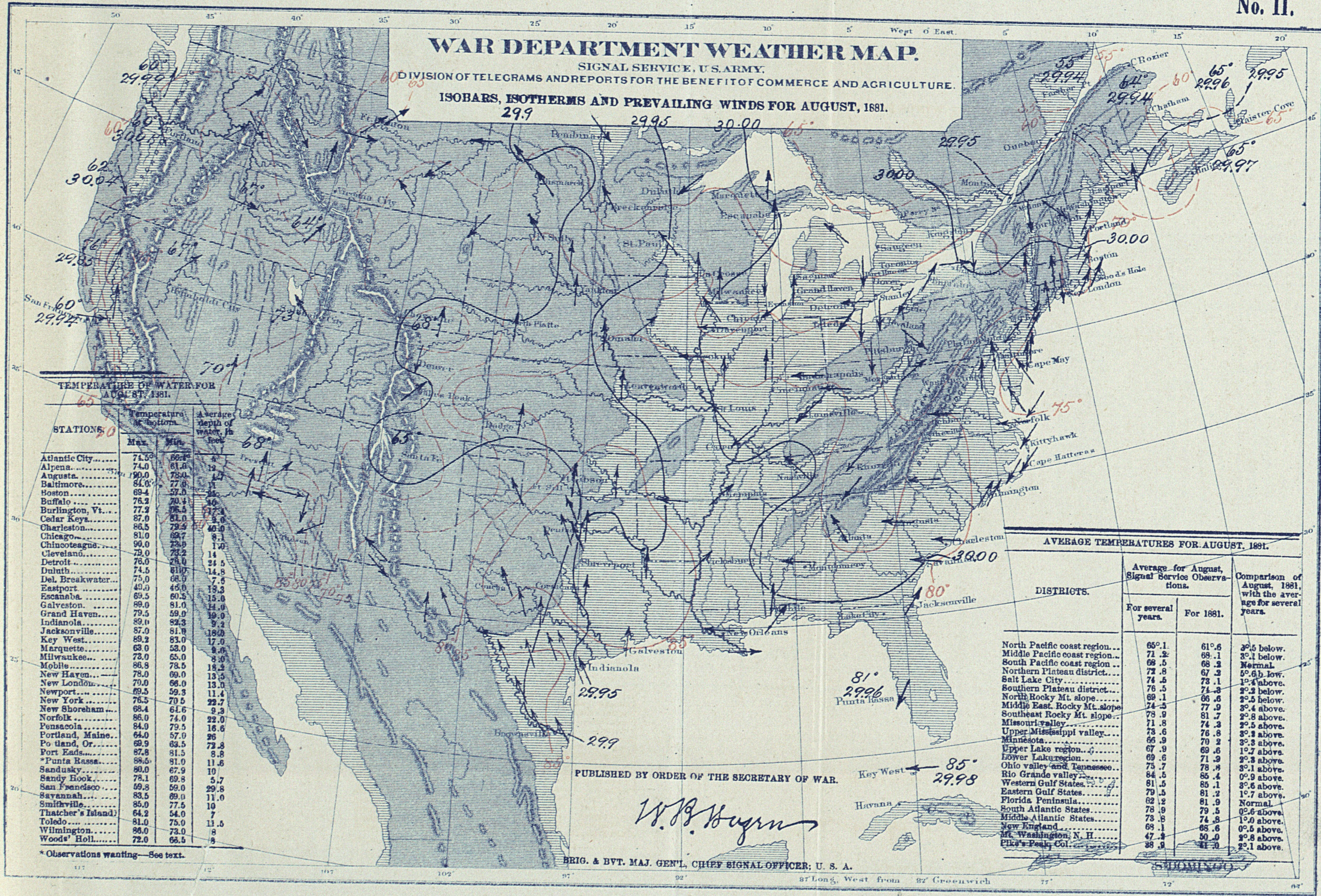
No. II.



TEMPERATURE OF WATER FOR AUGUST, 1881.

STATIONS.	Temperature at bottom. Max.	Min.	Average depth of water, in feet.
Atlantic City	74.5°	66.4°	6
Alpena	74.0	61.0	12
Augusta	90.0	78.0	17
Baltimore	84.0	77.0	11
Boston	69.4	57.0	21
Buffalo	76.2	70.4	16
Burlington, Vt.	77.2	66.5	17.1
Cedar Keys	87.0	81.0	9.0
Charleston	86.5	79.5	40.0
Chicago	81.0	69.7	8.1
Chincoteague	90.0	72.0	1.0
Cleveland	79.0	73.2	14
Detroit	76.0	71.0	24.5
Duluth	74.5	61.0	14.8
Del. Breakwater	75.0	66.0	7.5
Eastport	49.0	46.0	18.3
Escanaba	69.5	60.5	15.0
Galveston	89.0	81.0	14.0
Grand Haven	79.5	59.0	19.0
Indianola	89.0	82.3	9.2
Jacksonville	87.0	81.0	18.0
Key West	89.2	83.0	17.0
Marquette	63.0	53.0	8.0
Milwaukee	73.0	65.0	8.0
Mobile	86.8	78.5	18.2
New Haven	78.0	69.0	13.5
New London	70.0	66.0	13.0
Newport	69.5	59.3	11.4
New York	76.5	70.5	22.7
New Shoreham	68.4	61.6	9.3
Norfolk	86.0	74.0	22.0
Pensacola	84.0	79.5	16.6
Portland, Maine	64.0	57.0	26
Portland, Or.	69.9	63.5	72.8
Port Eads	87.8	81.5	8.8
*Punta Rassa	88.5	81.0	11.6
Sandusky	80.0	67.9	10
Sandy Hook	78.1	69.8	5.7
San Francisco	59.8	59.0	29.8
Savannah	83.5	69.0	11.0
Smithville	85.0	77.5	10
Thatcher's Island	64.2	54.0	7
Toledo	81.0	75.0	11.5
Wilmington	86.0	73.0	8
Woods' Holl	72.0	66.5	8

* Observations wanting—See text.

AVERAGE TEMPERATURES FOR AUGUST, 1881.

DISTRICTS.	Average for August, Signal Service Observations. For several years.	For 1881.	Comparison of August, 1881, with the average for several years.
North Pacific coast region	65°.1	61°.6	3°.5 below.
Middle Pacific coast region	71 .2	68 .1	3°.1 below.
South Pacific coast region	68 .5	68 .2	Normal.
Northern Plateau district	72 .8	67 .2	5°.6 below.
Salt Lake City	74 .5	73 .1	1°.4 above.
Southern Plateau district	76 .5	74 .3	2°.2 below.
North Rocky Mt. slope	69 .1	66 .6	2°.5 below.
Middle East. Rocky Mt. slope	74 .5	77 .9	3°.4 above.
Southeast Rocky Mt. slope	78 .9	81 .7	2°.8 above.
Missouri valley	71 .8	74 .3	2°.5 above.
Upper Mississippi valley	73 .6	76 .8	3°.2 above.
Minnesota	66 .9	70 .2	3°.3 above.
Upper Lake region	67 .9	69 .6	1°.7 above.
Lower Lake region	69 .6	71 .9	2°.3 above.
Ohio valley and Tennessee	75 .7	78 .8	3°.1 above.
Rio Grande valley	84 .5	85 .4	0°.9 above.
Western Gulf States	81 .5	85 .1	3°.6 above.
Eastern Gulf States	79 .5	81 .2	1°.7 above.
Florida Peninsula	82 .2	81 .9	Normal.
South Atlantic States	78 .9	79 .5	0°.6 above.
Middle Atlantic States	73 .8	74 .8	1°.0 above.
New England	68 .1	68 .6	0°.5 above.
Mt. Washington, N. H.	47 .2	50 .0	2°.8 above.
Pike's Peak, Col.	38 .9	41 .0	2°.1 above.