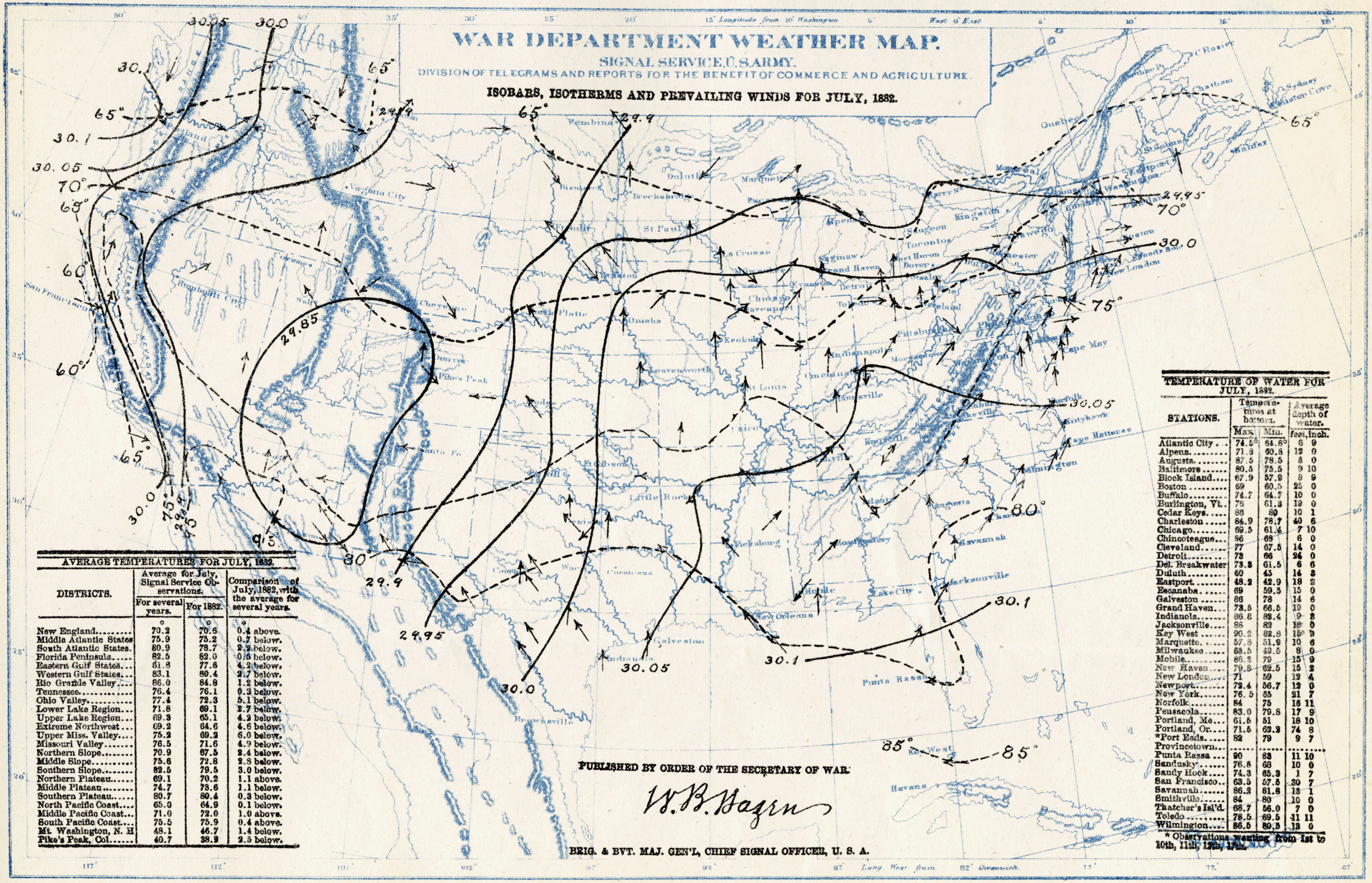
No. II.

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 JULY, 1882.



DISTRICTS.	Average for July, Signal Service Observations.		Comparison of July, 1882, with the average for several years.
	For several years.	For 1882.	
	°	°	°
New England	70.2	70.6	0.4 above.
Middle Atlantic States	75.9	75.2	0.7 below.
South Atlantic States	80.9	78.7	2.2 below.
Florida Peninsula	82.5	82.0	0.5 below.
Eastern Gulf States	81.8	77.6	4.2 below.
Western Gulf States	83.1	80.4	2.7 below.
Rio Grande Valley	86.0	84.8	1.2 below.
Tennessee	76.4	76.1	0.3 below.
Ohio Valley	77.4	72.3	5.1 below.
Lower Lake Region	71.8	69.1	2.7 below.
Upper Lake Region	69.3	65.1	4.2 below.
Extreme Northwest	69.2	64.6	4.6 below.
Upper Miss. Valley	75.2	69.2	6.0 below.
Missouri Valley	76.5	71.6	4.9 below.
Northern Slope	70.9	67.5	3.4 below.
Middle Slope	75.6	72.8	2.8 below.
Southern Slope	82.5	79.5	3.0 below.
Northern Plateau	69.1	70.2	1.1 above.
Middle Plateau	74.7	73.6	1.1 below.
Southern Plateau	80.7	80.4	0.3 below.
North Pacific Coast	65.0	64.9	0.1 below.
Middle Pacific Coast	71.0	72.0	1.0 above.
South Pacific Coast	75.5	75.9	0.4 above.
Mt. Washington, N. H	48.1	46.7	1.4 below.
Pike's Peak, Col	40.7	38.2	2.5 below.

Table: AVERAGE TEMPERATURES FOR JULY, 1882.

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TEMPERATURE OF WATER FOR JULY, 1882.

STATIONS.	Temperatures at bottom.		Average depth of water.	
	Max.	Min.	feet.	inch.
Atlantic City	74.5°	64.8°	6	9
Alpena	71.8	60.8	12	0
Augusta	87.5	78.5	8	0
Baltimore	80.5	75.5	9	10
Block Island	67.9	57.9	8	9
Boston	69	60.5	25	0
Buffalo	74.7	64.7	10	0
Burlington, Vt.	76	61.3	19	0
Cedar Keys	86	80	10	1
Charleston	84.9	78.7	40	6
Chicago	69.5	61.4	7	10
Chincoteague	86	68	6	0
Cleveland	77	67.5	14	0
Detroit	73	66	26	0
Del. Breakwater	73.8	61.5	6	6
Duluth	60	43	14	3
Eastport	48.2	42.9	18	2
Escanaba	69	59.5	15	0
Galveston	86	78	14	6
Grand Haven	73.5	66.5	19	0
Indianola	86.8	82.4	9	8
Jacksonville	88	82	18	0
Key West	90.2	82.8	15	9
Marquette	57.8	51.9	10	6
Milwaukee	68.5	49.5	8	0
Mobile	86.3	79	15	9
New Haven	79.8	62.5	15	2
New London	71	59	12	4
Newport	72.4	56.7	12	0
New York	76.5	65	21	7
Norfolk	84	75	16	11
Pensacola	83.0	79.8	17	9
Portland, Me	61.5	51	18	10
Portland, Or	71.5	62.2	74	8
*Port Eads	82	79	9	7
Provincetown	......	......	...	...
Punta Rassa	90	83	11	10
Sandusky	76.8	68	10	0
Sandy Hook	74.3	65.3	1	7
San Francisco	63.5	57.5	30	7
Savannah	86.2	81.8	13	1
Smithville	84	80	10	0
Thatcher's Isl'd	68.7	56.0	7	0
Toledo	78.5	69.5	11	11
Wilmington	86.5	80.5	13	0

* Observations wanting from 1st to 10th, 11th, 12th, 17th.