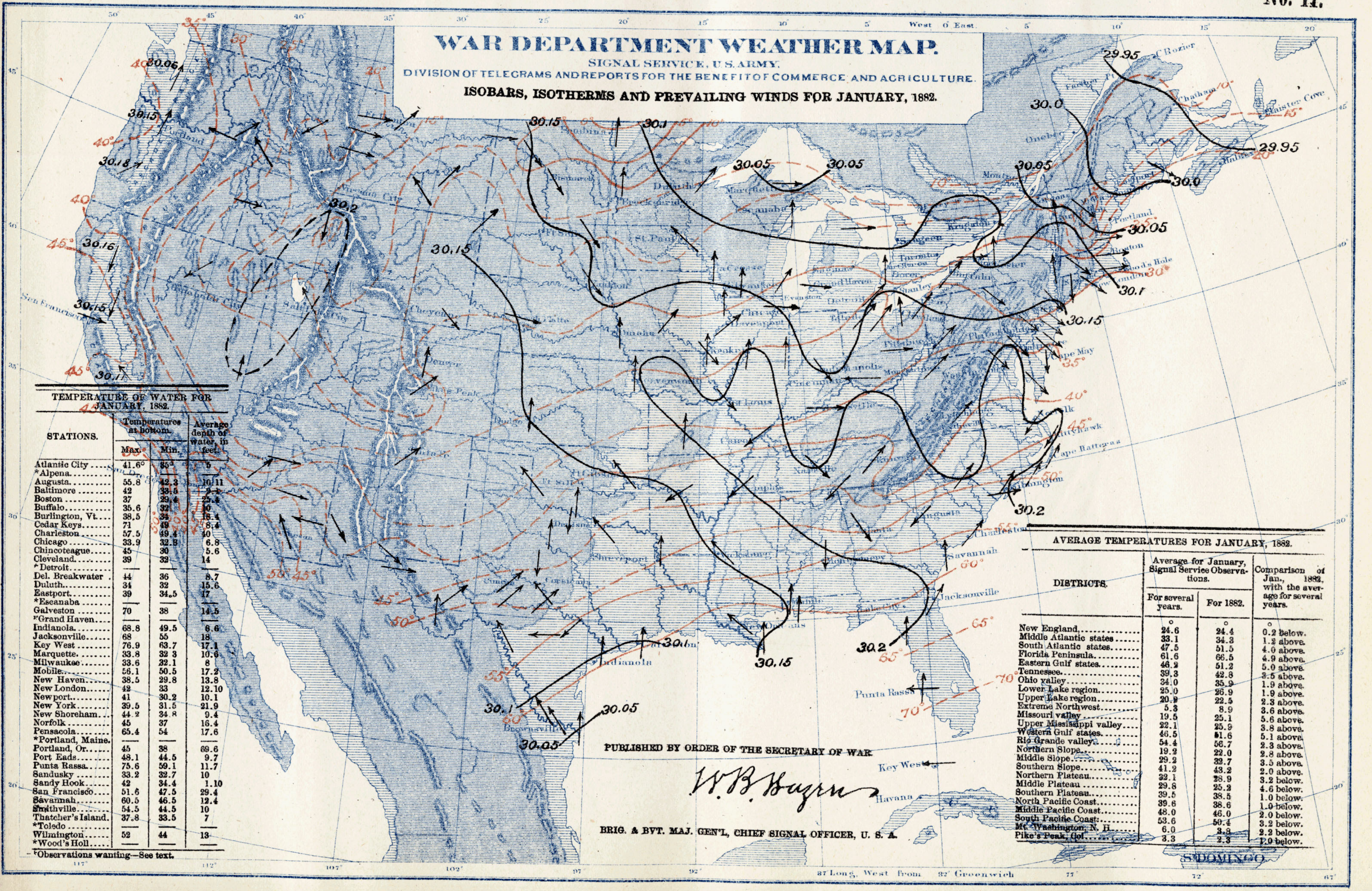
No. II.

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, 1882.



TEMPERATURE OF WATER FOR JANUARY, 1882.

STATIONS.	Temperatures at bottom. Max.	Min.	Average depth of water, in feet.
Atlantic City	41.6°	35°	5
*Alpena	—	—	—
Augusta	55.8	42.3	10.11
Baltimore	42	33.5	9.1
Boston	37	29.4	25.4
Buffalo	35.6	32	10
Burlington, Vt.	38.5	34	18.4
Cedar Keys	71	49	8.4
Charleston	57.5	49.4	40
Chicago	33.9	32.8	6.8
Chincoteague	45	30	5.6
Cleveland	39	32	14
*Detroit	—	—	—
Del. Breakwater	44	36	8.7
Duluth	34	32	15.6
Eastport	39	34.5	17
*Escanaba	—	—	—
Galveston	70	38	14.5
*Grand Haven	—	—	—
Indianola	68.8	49.5	8.6
Jacksonville	68	55	18
Key West	76.9	63.7	17.1
Marquette	33.8	32.3	10.6
Milwaukee	33.6	32.1	8
Mobile	56.1	50.5	17.2
New Haven	38.5	29.8	13.8
New London	42	33	12.10
Newport	41	30.2	10.1
New York	39.5	31.5	21.9
New Shoreham	44.2	34.8	9.4
Norfolk	45	37	16.4
Pensacola	65.4	54	17.6
*Portland, Maine	—	—	—
Portland, Or.	45	38	69.6
Port Eads	48.1	44.5	9.7
Punta Rassa	75.6	59.1	11.7
Sandusky	33.2	32.7	10
Sandy Hook	42	34.4	1.10
San Francisco	51.6	47.5	29.4
Savannah	60.5	46.5	12.4
Smithville	54.5	44.5	10
Thatcher's Island	37.8	33.5	7
*Toledo	—	—	—
Wilmington	52	44	13
*Wood's Holl	—	—	—

*Observations wanting—See text.

AVERAGE TEMPERATURES FOR JANUARY, 1882.

DISTRICTS.	Average for January, Signal Service Observations. For several years.	For 1882.	Comparison of Jan., 1882, with the average for several years.
	°	°	°
New England	24.6	24.4	0.2 below.
Middle Atlantic states	33.1	34.3	1.2 above.
South Atlantic states	47.5	51.5	4.0 above.
Florida Peninsula	61.6	66.5	4.9 above.
Eastern Gulf states	46.2	51.2	5.0 above.
Tennessee	39.3	42.8	3.5 above.
Ohio valley	34.0	35.9	1.9 above.
Lower Lake region	25.0	26.9	1.9 above.
Upper Lake region	20.2	22.5	2.3 above.
Extreme Northwest	5.3	8.9	3.6 above.
Missouri valley	19.5	25.1	5.6 above.
Upper Mississippi valley	22.1	25.9	3.8 above.
Western Gulf states	46.5	51.6	5.1 above.
Rio Grande valley	54.4	56.7	2.3 above.
Northern Slope	19.2	22.0	2.8 above.
Middle Slope	29.2	32.7	3.5 above.
Southern Slope	41.2	43.2	2.0 above.
Northern Plateau	32.1	28.9	3.2 below.
Middle Plateau	29.8	25.2	4.6 below.
Southern Plateau	39.5	38.5	1.0 below.
North Pacific Coast	39.6	38.6	1.0 below.
Middle Pacific Coast	48.0	46.0	2.0 below.
South Pacific Coast	53.6	50.4	3.2 below.
Mt. Washington, N. H.	6.0	3.8	2.2 below.
Pike's Peak, Col.	3.3	2.3	1.0 below.

PUBLISHED BY ORDER OF THE SECRETARY OF WAR.

W. B. Hazen

BRIG. & BVT. MAJ. GEN'L, CHIEF SIGNAL OFFICER, U. S. A.