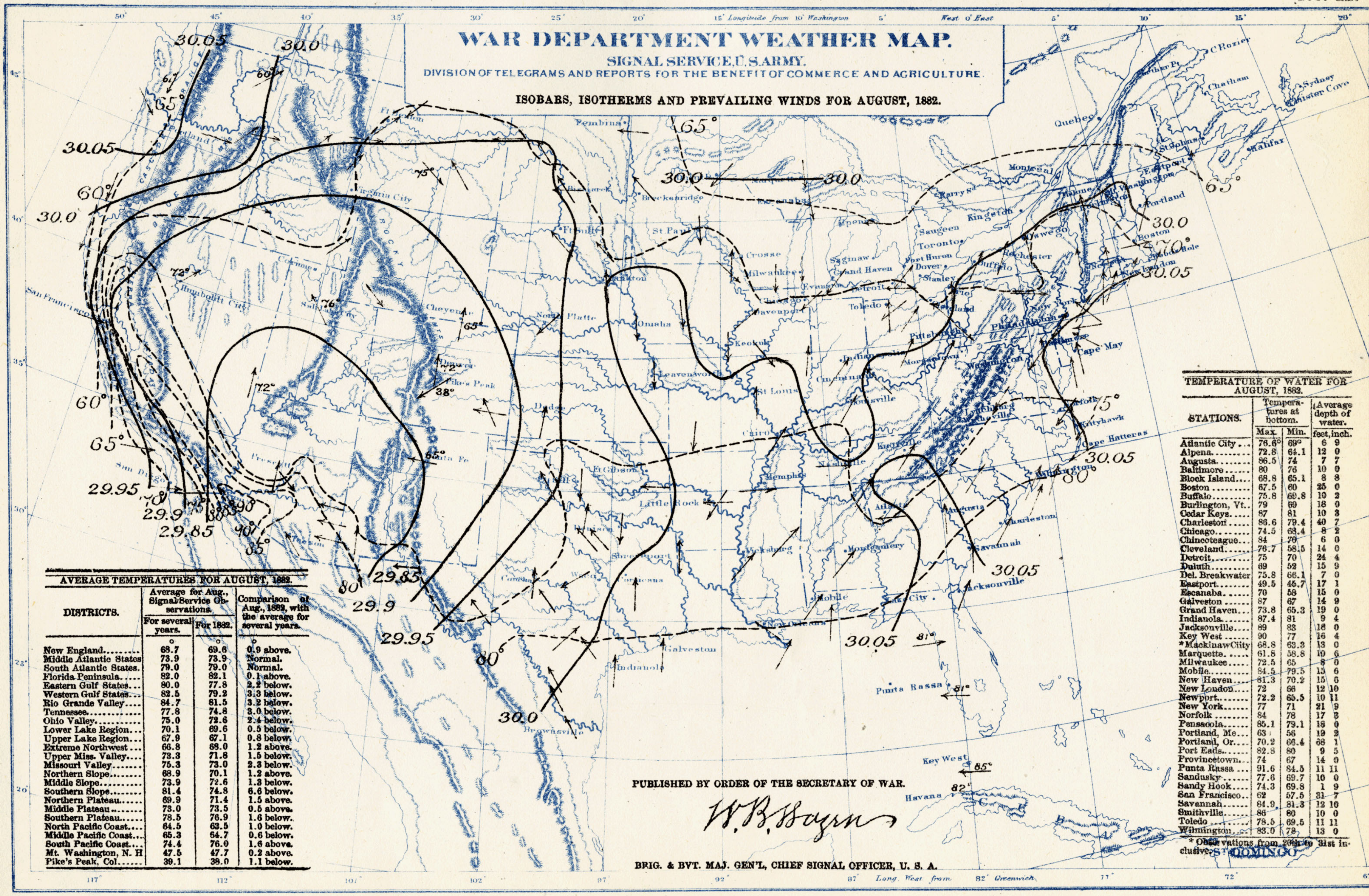
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR AUGUST, 1882.



DISTRICTS.	Average for Aug., Signal Service Observations. For several years.	For 1882.	Comparison of Aug., 1882, with the average for several years.
	°	°	°
New England	68.7	69.6	0.9 above.
Middle Atlantic States	73.9	73.9	Normal.
South Atlantic States.	79.0	79.0	Normal.
Florida Peninsula	82.0	82.1	0.1 above.
Eastern Gulf States	80.0	77.8	2.2 below.
Western Gulf States	82.5	79.2	3.3 below.
Rio Grande Valley	84.7	81.5	3.2 below.
Tennessee	77.8	74.8	3.0 below.
Ohio Valley	75.0	72.6	2.4 below.
Lower Lake Region	70.1	69.6	0.5 below.
Upper Lake Region	67.9	67.1	0.8 below.
Extreme Northwest	66.8	68.0	1.2 above.
Upper Miss. Valley	73.3	71.8	1.5 below.
Missouri Valley	75.3	73.0	2.3 below.
Northern Slope	68.9	70.1	1.2 above.
Middle Slope	73.9	72.6	1.3 below.
Southern Slope	81.4	74.8	6.6 below.
Northern Plateau	69.9	71.4	1.5 above.
Middle Plateau	73.0	73.5	0.5 above.
Southern Plateau	78.5	76.9	1.6 below.
North Pacific Coast	64.5	63.5	1.0 below.
Middle Pacific Coast	65.3	64.7	0.6 below.
South Pacific Coast	74.4	76.0	1.6 above.
Mt. Washington, N. H	47.5	47.7	0.2 above.
Pike's Peak, Col	39.1	38.0	1.1 below.

Table title: AVERAGE TEMPERATURES FOR AUGUST, 1882.

TEMPERATURE OF WATER FOR AUGUST, 1882.

STATIONS.	Temperatures at bottom. Max.	Min.	Average depth of water. feet,	inch.
Atlantic City	76.6°	69°	6	9
Alpena	72.8	64.1	12	0
Augusta	86.5	74	7	7
Baltimore	80	76	10	0
Block Island	68.8	65.1	8	8
Boston	67.5	60	25	0
Buffalo	75.8	69.8	10	2
Burlington, Vt.	79	69	18	0
Cedar Keys	87	81	10	3
Charleston	86.6	79.4	40	7
Chicago	74.5	68.4	8	2
Chincoteague	84	70	6	0
Cleveland	76.7	58.5	14	0
Detroit	75	70	24	4
Duluth	69	52	15	9
Del. Breakwater	75.8	66.1	7	0
Eastport	49.5	45.7	17	1
Escanaba	70	58	15	0
Galveston	87	67	14	9
Grand Haven	73.8	65.3	19	0
Indianola	87.4	81	9	4
Jacksonville	89	83	18	0
Key West	90	77	16	4
*Mackinaw City	68.8	63.3	13	0
Marquette	61.8	58.8	10	6
Milwaukee	72.5	65	8	0
Mobile	84.5	79.5	15	6
New Haven	81.3	70.2	15	6
New London	72	66	12	10
Newport	72.2	65.5	10	11
New York	77	71	21	9
Norfolk	84	78	17	3
Pensacola	85.1	79.1	18	0
Portland, Me	63	56	19	2
Portland, Or.	70.2	66.4	68	1
Port Eads	82.8	80	9	5
Provincetown	74	67	14	0
Punta Rassa	91.6	84.5	11	11
Sandusky	77.6	69.7	10	0
Sandy Hook	74.3	69.8	1	9
San Francisco	62	57.5	31	7
Savannah	84.9	81.3	12	10
Smithville	86	80	10	0
Toledo	78.5	69.5	11	11
Wilmington	83.0	78	13	0

* Observations from 20th to 31st inclusive.

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W. B. Hazen

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