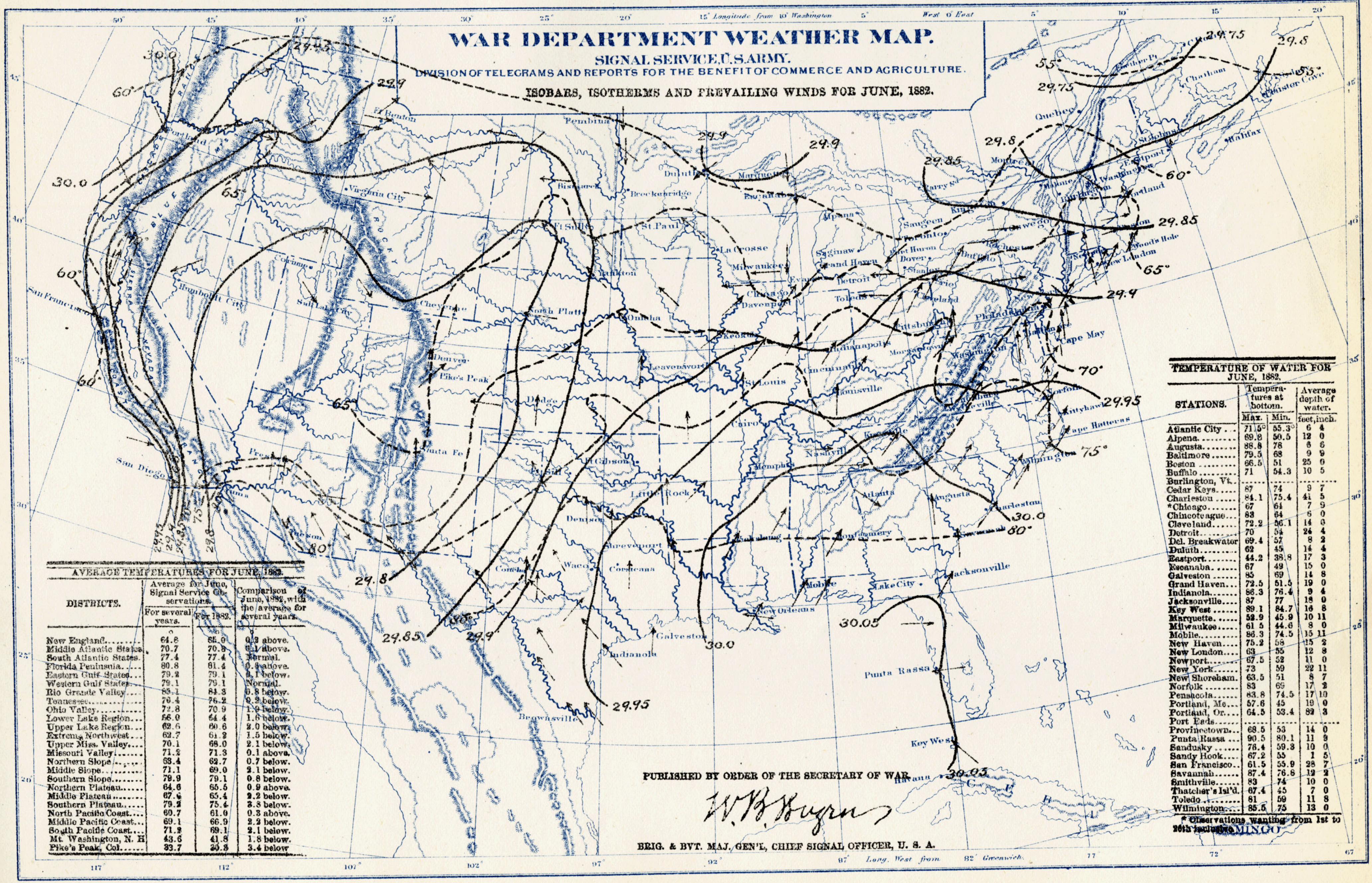
No. II.

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 JUNE, 1882.



AVERAGE TEMPERATURES FOR JUNE, 1882.			
DISTRICTS.	Average for June, Signal Service Observations. For several years.	Average for June, Signal Service Observations. For 1882.	Comparison of June, 1882, with the average for several years.
	°	°	°
New England	64.8	65.0	0.2 above.
Middle Atlantic States	70.7	70.8	0.1 above.
South Atlantic States	77.4	77.4	Normal.
Florida Peninsula	80.8	81.4	0.6 above.
Eastern Gulf States	79.2	79.1	0.1 below.
Western Gulf States	79.1	79.1	Normal.
Rio Grande Valley	85.1	84.3	0.8 below.
Tennessee	76.4	76.2	0.2 below.
Ohio Valley	72.8	70.9	1.9 below.
Lower Lake Region	66.0	64.4	1.6 below.
Upper Lake Region	62.6	60.6	2.0 below.
Extreme Northwest	62.7	61.2	1.5 below.
Upper Miss. Valley	70.1	68.0	2.1 below.
Missouri Valley	71.2	71.3	0.1 above.
Northern Slope	63.4	62.7	0.7 below.
Middle Slope	71.1	69.0	2.1 below.
Southern Slope	79.9	79.1	0.8 below.
Northern Plateau	64.6	65.5	0.9 above.
Middle Plateau	67.6	65.4	2.2 below.
Southern Plateau	79.2	75.4	3.8 below.
North Pacific Coast	60.7	61.0	0.3 above.
Middle Pacific Coast	69.1	66.9	2.2 below.
South Pacific Coast	71.2	69.1	2.1 below.
Mt. Washington, N. H	43.6	41.8	1.8 below.
Pike's Peak, Col.	33.7	30.3	3.4 below

TEMPERATURE OF WATER FOR JUNE, 1882.				
STATIONS.	Temperatures at bottom. Max.	Temperatures at bottom. Min.	Average depth of water. feet	Average depth of water. inch.
Atlantic City	71.5°	55.3°	6	4
Alpena	69.8	50.5	12	0
Augusta	88.8	78	6	6
Baltimore	79.5	68	9	9
Boston	66.5	51	25	0
Buffalo	71	54.3	10	5
Burlington, Vt.	......	......	......	
Cedar Keys	87	74	9	7
Charleston	84.1	75.4	41	5
*Chicago	67	64	7	9
Chincoteague	83	64	6	0
Cleveland	72.2	56.1	14	0
Detroit	70	54	24	4
Del. Breakwater	69.4	57	8	2
Duluth	62	45	14	4
Eastport	44.2	38.8	17	3
Escanaba	67	49	15	0
Galveston	85	69	14	8
Grand Haven	72.5	51.5	19	0
Indianola	86.3	76.4	9	4
Jacksonville	87	77	18	0
Key West	89.1	84.7	16	8
Marquette	52.9	45.9	10	11
Milwaukee	61.5	44.6	8	0
Mobile	86.3	74.5	15	11
New Haven	75.2	58	15	2
New London	63	55	12	8
Newport	67.5	52	11	0
New York	73	59	22	11
New Shoreham	63.5	51	8	7
Norfolk	83	69	17	2
Pensacola	83.8	74.5	17	10
Portland, Me.	57.6	45	19	0
Portland, Or.	64.5	53.4	82	3
Port Eads	......	......	......	
Provincetown	68.5	53	14	0
Punta Rassa	90.5	80.1	11	9
Sandusky	76.4	59.3	10	0
Sandy Hook	67.2	55	1	5
San Francisco	61.5	55.9	28	7
Savannah	87.4	76.8	12	2
Smithville	83	74	10	0
Thatcher's Isl'd.	67.4	45	7	0
Toledo	81	59	11	8
Wilmington	85.5	75	13	0

* Observations wanting from 1st to 20th inclusive.

PUBLISHED BY ORDER OF THE SECRETARY OF WAR.

W. B. Hazen

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