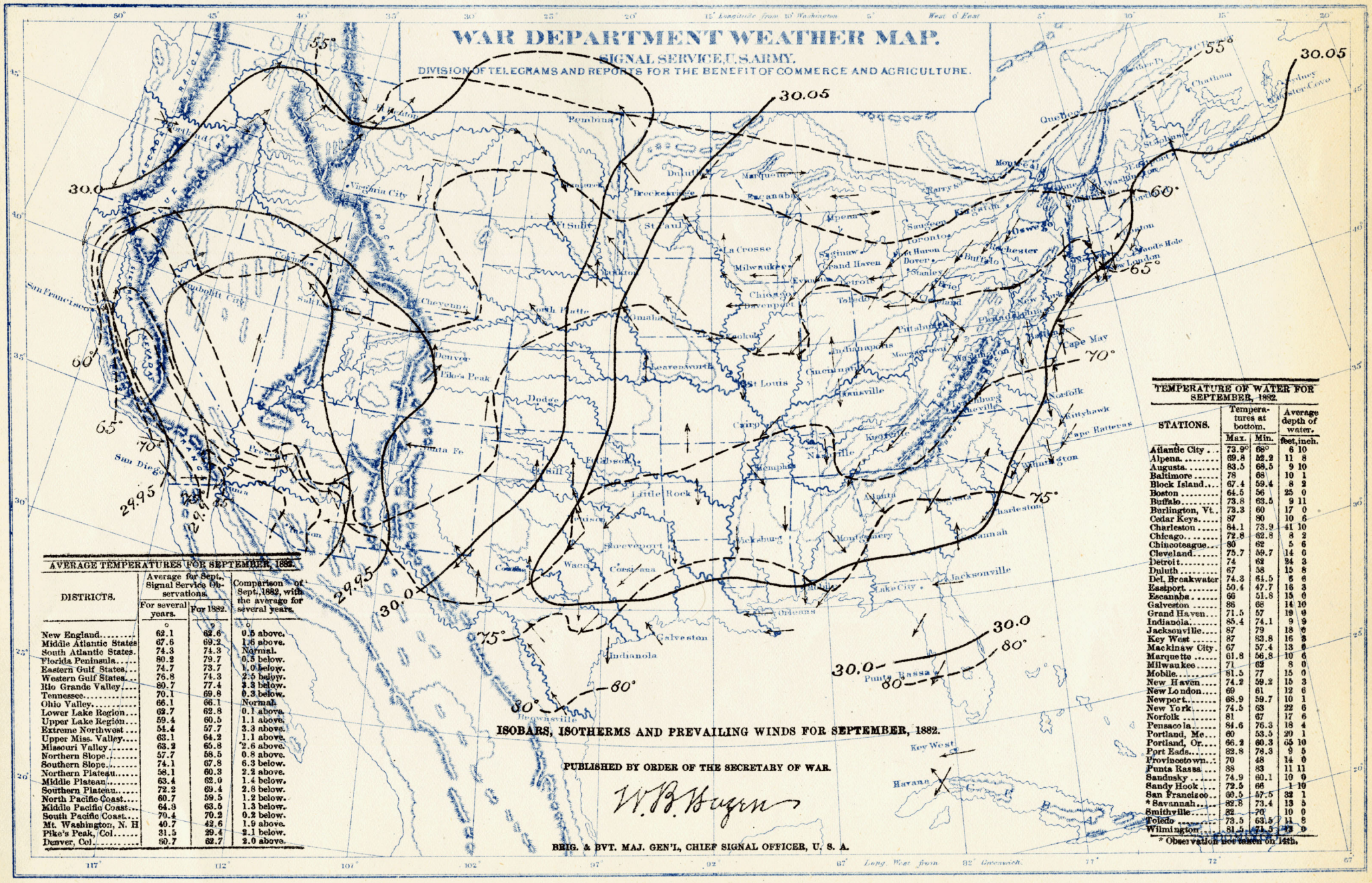
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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



AVERAGE TEMPERATURES FOR SEPTEMBER, 1882.

DISTRICTS.	Average for Sept., Signal Service Observations. For several years.	For 1882.	Comparison of Sept., 1882, with the average for several years.
	°	°	°
New England	62.1	62.6	0.5 above.
Middle Atlantic States	67.6	69.2	1.6 above.
South Atlantic States	74.3	74.3	Normal.
Florida Peninsula	80.2	79.7	0.5 below.
Eastern Gulf States	74.7	73.7	1.0 below.
Western Gulf States	76.8	74.3	2.5 below.
Rio Grande Valley	80.7	77.4	3.3 below.
Tennessee	70.1	69.8	0.3 below.
Ohio Valley	66.1	66.1	Normal.
Lower Lake Region	62.7	62.8	0.1 above.
Upper Lake Region	59.4	60.5	1.1 above.
Extreme Northwest	54.4	57.7	3.3 above.
Upper Miss. Valley	63.1	64.2	1.1 above.
Missouri Valley	63.2	65.8	2.6 above.
Northern Slope	57.7	58.5	0.8 above.
Southern Slope	74.1	67.8	6.3 below.
Northern Plateau	58.1	60.3	2.2 above.
Middle Plateau	63.4	62.0	1.4 below.
Southern Plateau	72.2	69.4	2.8 below.
North Pacific Coast	60.7	59.5	1.2 below.
Middle Pacific Coast	64.8	63.5	1.3 below.
South Pacific Coast	70.4	70.2	0.2 below.
Mt. Washington, N. H	40.7	42.6	1.9 above.
Pike's Peak, Col	31.5	29.4	2.1 below.
Denver, Col	60.7	62.7	2.0 above.

TEMPERATURE OF WATER FOR SEPTEMBER, 1882.

STATIONS.	Temperatures at bottom. Max.	Min.	Average depth of water. feet,	inch.
Atlantic City	73.9°	68°	6	10
Alpena	69.8	52.2	11	8
Augusta	83.5	68.5	9	10
Baltimore	78	68	10	1
Block Island	67.4	59.4	8	2
Boston	64.5	56	25	0
Buffalo	73.8	63.5	9	11
Burlington, Vt.	73.3	60	17	0
Cedar Keys	87	80	10	6
Charleston	84.1	73.9	41	10
Chicago	72.8	62.8	8	2
Chincoteague	80	62	5	6
Cleveland	75.7	59.7	14	0
Detroit	74	62	24	3
Duluth	67	58	15	8
Del. Breakwater	74.3	61.5	6	6
Eastport	50.4	47.7	16	3
Escanaba	66	51.8	15	0
Galveston	86	68	14	10
Grand Haven	71.5	57	19	9
Indianola	85.4	74.1	9	9
Jacksonville	87	79	18	0
Key West	87	83.8	16	3
Mackinaw City	67	57.4	13	6
Marquette	61.8	56.8	10	6
Milwaukee	71	62	8	0
Mobile	81.5	77	15	0
New Haven	74.2	59.2	15	3
New London	69	61	12	6
Newport	68.9	59.7	10	1
New York	74.5	63	22	6
Norfolk	81	67	17	6
Pensacola	84.6	76.3	18	4
Portland, Me	60	53.5	20	1
Portland, Or	66.2	60.3	65	10
Port Eads	82.8	78.3	9	5
Provincetown	70	48	14	0
Punta Rassa	88	83	11	11
Sandusky	74.9	60.1	10	9
Sandy Hook	72.5	66	1	10
San Francisco	60.5	57.5	32	1
* Savannah	82.8	73.4	13	5
Smithville	82	70	10	0
Toledo	73.5	63.5	11	8
Wilmington	81.5	71.5	13	0

* Observation not taken on 14th.

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR SEPTEMBER, 1882.

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W. B. Hazen

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