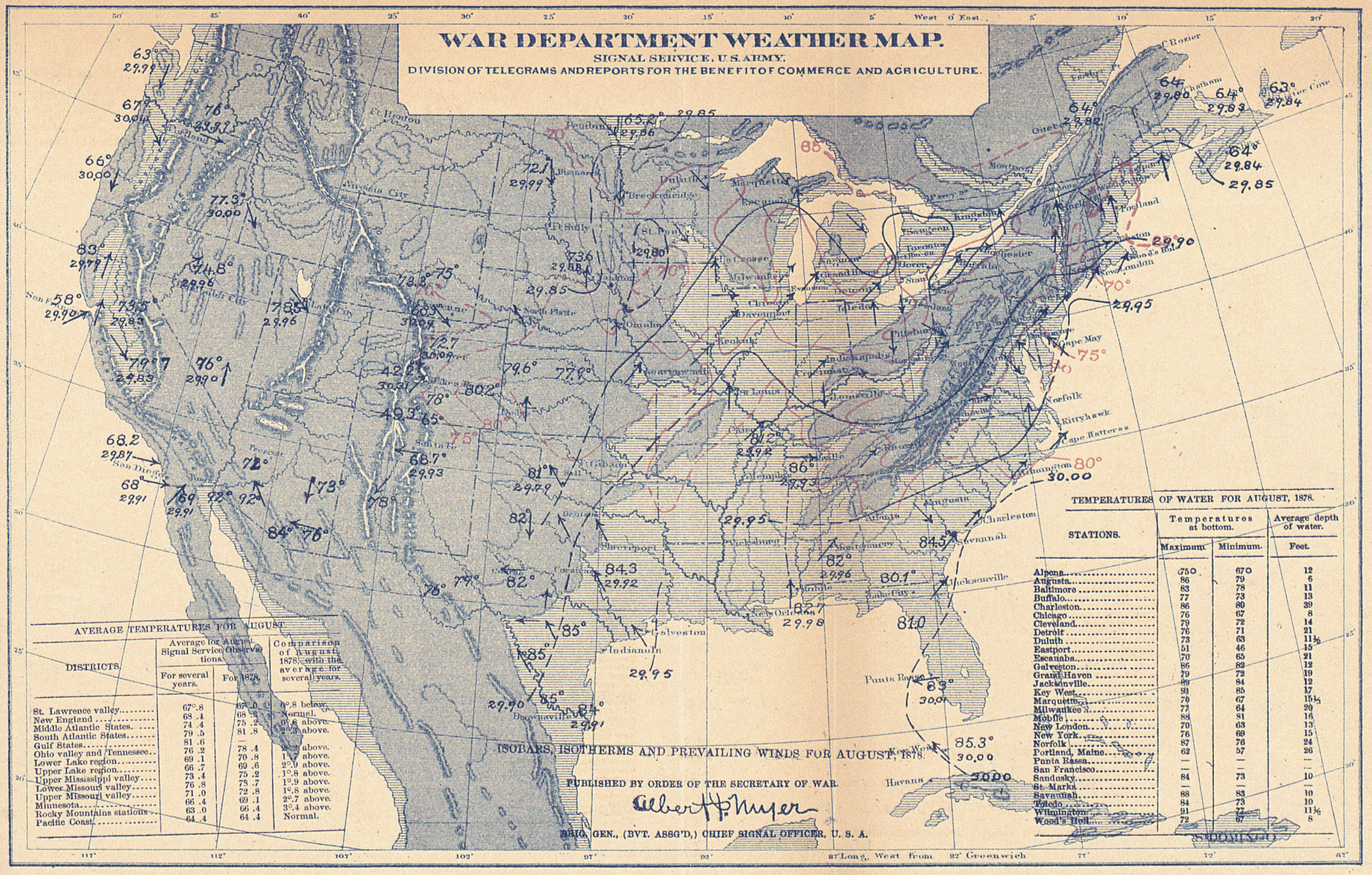
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

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



ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR AUGUST, 1878.

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AVERAGE TEMPERATURES FOR AUGUST

DISTRICTS.	Average for August Signal Service Observations. For several years.	For 1878.	Comparison of August, 1878, with the average for several years.
St. Lawrence valley	67°.8	67°.0	0°.8 below.
New England	68 .4	68 .3	Normal.
Middle Atlantic States	74 .4	75 .2	0°.8 above.
South Atlantic States	79 .5	81 .8	2°.3 above.
Gulf States	81 .6	—	—
Ohio valley and Tennessee	76 .2	78 .4	2°.2 above.
Lower Lake region	69 .1	70 .8	1°.7 above.
Upper Lake region	66 .7	69 .6	2°.9 above.
Upper Mississippi valley	73 .4	75 .2	1°.8 above.
Lower Missouri valley	76 .8	78 .7	1°.9 above.
Upper Missouri valley	71 .0	72 .8	1°.8 above.
Minnesota	66 .4	69 .1	2°.7 above.
Rocky Mountains stations	63 .0	66 .4	3°.4 above.
Pacific Coast	64 .4	64 .4	Normal.

TEMPERATURES OF WATER FOR AUGUST, 1878.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	750	670	12
Augusta	86	79	6
Baltimore	83	78	11
Buffalo	77	73	13
Charleston	86	80	39
Chicago	76	67	8
Cleveland	79	72	14
Detroit	76	71	21
Duluth	73	63	11½
Eastport	51	46	15
Escanaba	70	65	21
Galveston	86	82	12
Grand Haven	79	72	19
Jacksonville	89	84	12
Key West	91	85	17
Marquette	70	67	15½
Milwaukee	77	64	20
Mobile	88	81	16
New London	70	63	13
New York	76	69	15
Norfolk	87	76	24
Portland, Maine	62	57	26
Punta Rassa	—	—	—
San Francisco	—	—	—
Sandusky	84	73	10
St. Marks	—	—	—
Savannah	88	83	10
Toledo	84	73	10
Wilmington	91	77	11½
Wood's Holl	72	67	8