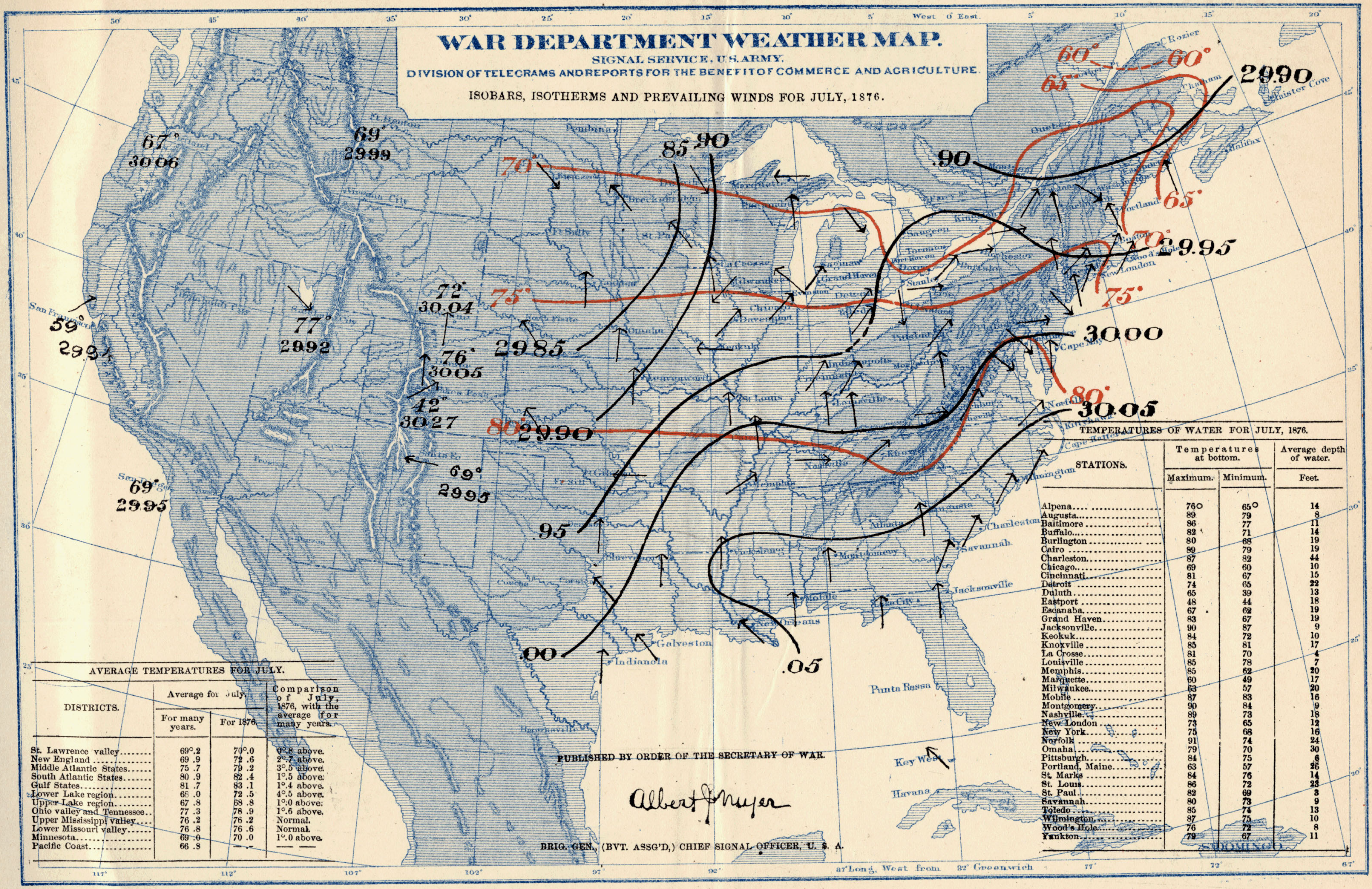
No. 11.

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 JULY, 1876.



AVERAGE TEMPERATURES FOR JULY.

DISTRICTS.	Average for July.		Comparison of July, 1876, with the average for many years.
	For many years.	For 1876.	
St. Lawrence valley	69°.2	70°.0	0°.8 above.
New England	69 .9	72 .6	2°.7 above.
Middle Atlantic States	75 .7	79 .2	3°.5 above.
South Atlantic States	80 .9	82 .4	1°.5 above.
Gulf States	81 .7	83 .1	1°.4 above.
Lower Lake region	68 .0	72 .5	4°.5 above.
Upper Lake region	67 .8	68 .8	1°.0 above.
Ohio valley and Tennessee	77 .3	78 .9	1°.6 above.
Upper Mississippi valley	76 .2	76 .2	Normal.
Lower Missouri valley	76 .8	76 .6	Normal.
Minnesota	69 .0	70 .0	1°.0 above.
Pacific Coast	66 .8	— .—	—— ——

TEMPERATURES OF WATER FOR JULY, 1876.

STATIONS.	Temperatures at bottom.		Average depth of water.
	Maximum.	Minimum.	Feet.
Alpena	76°	65°	14
Augusta	89	79	8
Baltimore	86	77	11
Buffalo	82	71	14
Burlington	80	68	19
Cairo	89	79	19
Charleston	87	82	44
Chicago	69	60	10
Cincinnati	81	67	15
Detroit	74	65	22
Duluth	65	39	13
Eastport	48	44	18
Escanaba	67	62	19
Grand Haven	83	67	19
Jacksonville	90	87	9
Keokuk	84	72	10
Knoxville	85	81	17
La Crosse	81	70	4
Louisville	85	78	7
Memphis	85	62	20
Marquette	60	49	17
Milwaukee	63	57	20
Mobile	87	83	16
Montgomery	90	84	9
Nashville	89	73	18
New London	73	65	12
New York	75	68	16
Norfolk	91	74	24
Omaha	79	70	30
Pittsburgh	84	75	6
Portland, Maine	63	57	26
St. Marks	84	76	14
St. Louis	86	72	23
St. Paul	82	69	3
Savannah	80	73	9
Toledo	85	74	13
Wilmington	87	75	10
Wood's Hole	76	72	8
Yankton	79	67	11

PUBLISHED BY ORDER OF THE SECRETARY OF WAR.

Albert J. Myer

BRIG. GEN., (BVT. ASSG'D,) CHIEF SIGNAL OFFICER, U. S. A.