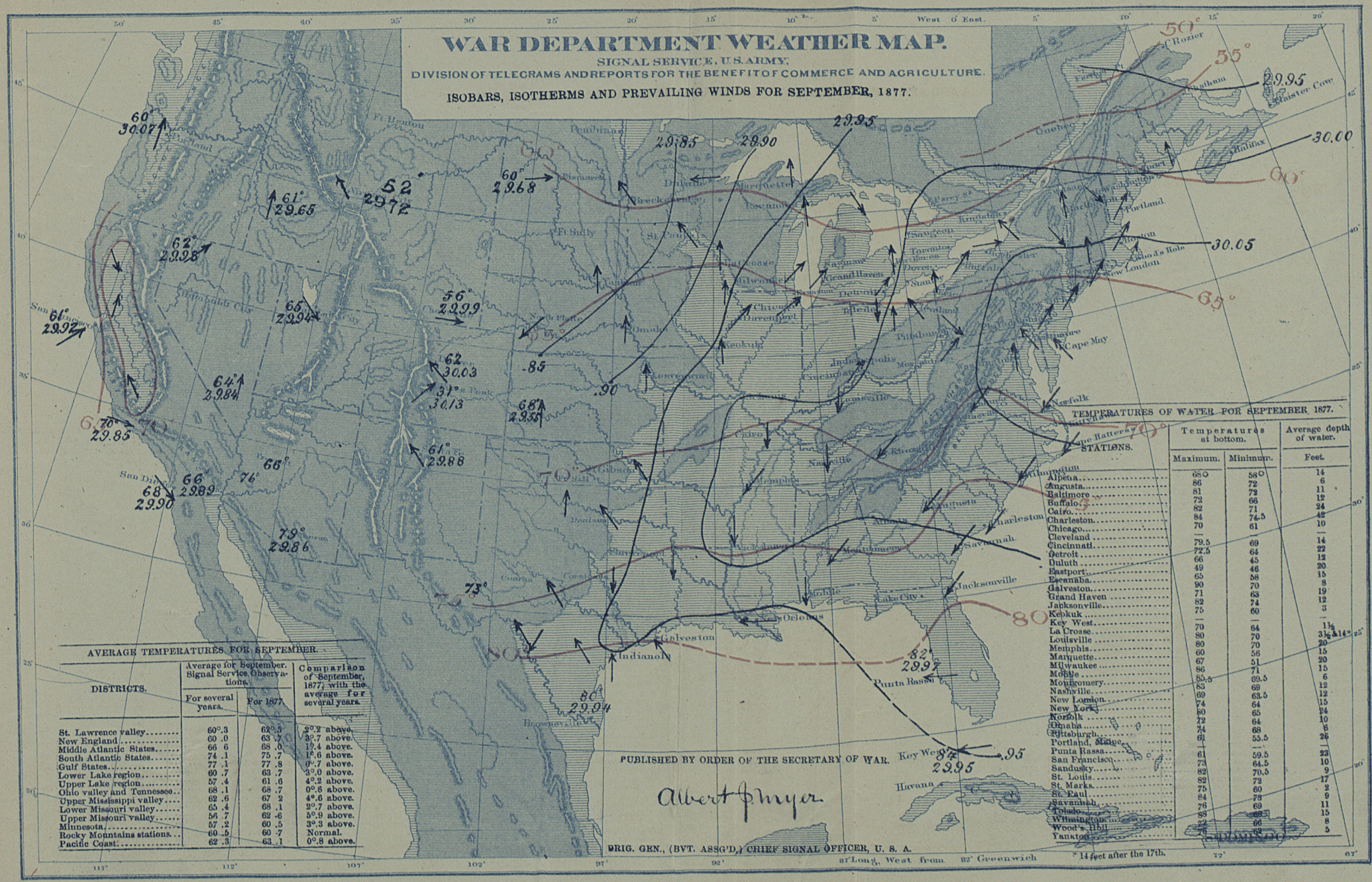
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR SEPTEMBER, 1877.



PUBLISHED BY ORDER OF THE SECRETARY OF WAR.

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AVERAGE TEMPERATURES FOR SEPTEMBER.

DISTRICTS.	Average for September. Signal Service Observations. For several years.	For 1877.	Comparison of September, 1877, with the average for several years.
St. Lawrence valley	60°.3	62°.5	2°.2 above.
New England	60 .0	63 .7	3°.7 above.
Middle Atlantic States	66 .6	68 .0	1°.4 above.
South Atlantic States	74 .1	75 .7	1°.6 above.
Gulf States	77 .1	77 .8	0°.7 above.
Lower Lake region	60 .7	63 .7	3°.0 above.
Upper Lake region	57 .4	61 .6	4°.2 above.
Ohio valley and Tennessee	68 .1	68 .7	0°.6 above.
Upper Mississippi valley	62 .6	67 .2	4°.6 above.
Lower Missouri valley	65 .4	68 .1	2°.7 above.
Upper Missouri valley	56 .7	62 .6	5°.9 above.
Minnesota	57 .2	60 .5	3°.3 above.
Rocky Mountains stations	60 .5	60 .7	Normal.
Pacific Coast	62 .3	63 .1	0°.8 above.

TEMPERATURES OF WATER FOR SEPTEMBER 1877.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	68°	58°	14
Augusta	86	72	6
Baltimore	81	72	11
Buffalo	72	66	12
Cairo	82	71	24
Charleston	84	74.5	42
Chicago	70	61	10
Cleveland	—	—	—
Cincinnati	79.5	69	14
Detroit	72.5	64	22
Duluth	66	45	12
Eastport	49	46	20
Escanaba	65	58	15
Galveston	90	70	8
Grand Haven	71	63	19
Jacksonville	82	74	12
Keokuk	75	60	3
Key West	—	—	—
La Crosse	70	64	1½
Louisville	80	70	3½ & 14*
Memphis	80	70	20
Marquette	60	56	15
Milwaukee	67	51	20
Mobile	86	71	15
Montgomery	85.5	69.5	6
Nashville	83	69	12
New London	69	63.5	12
New York	74	64	15
Norfolk	80	65	24
Omaha	72	64	10
Pittsburgh	74	68	6
Portland, Maine	61	55.5	26
Punta Rassa	—	—	—
San Francisco	61	59.5	23
Sandusky	73	64.5	10
St. Louis	82	70.5	9
St. Marks	82	72	17
St. Paul	75	60	2
Savannah	84	73	9
Toledo	76	69	11
Wilmington	83	68	15
Wood's Holl	72	66	8
Yanktown	76	69	5

* 14 feet after the 17th.