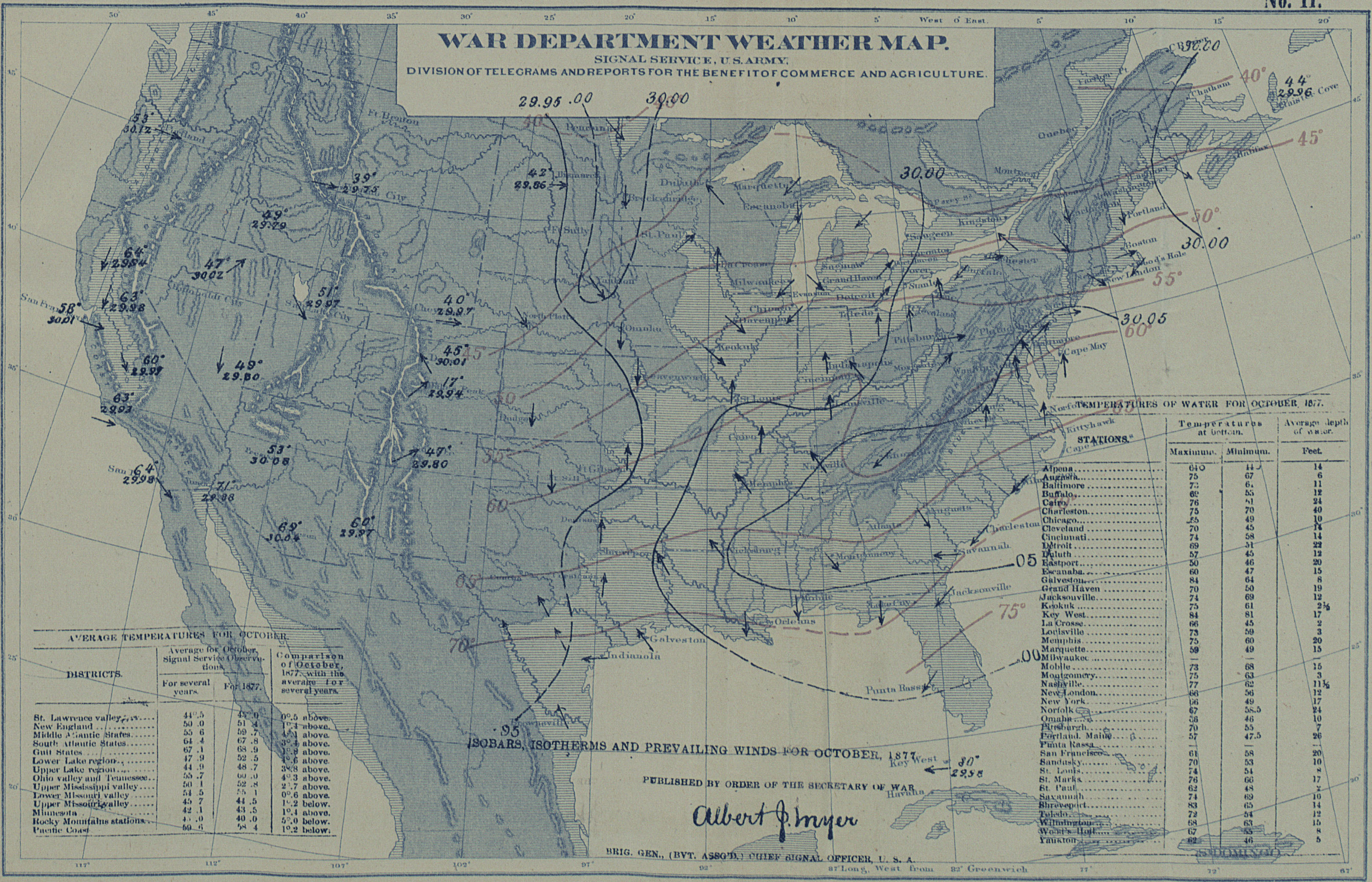
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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



AVERAGE TEMPERATURES FOR OCTOBER.

DISTRICTS.	Average for October, Signal Service Observations. For several years.	For 1877.	Comparison of October, 1877, with the average for several years.
St. Lawrence valley	44°.5	45°.0	0°.5 above.
New England	50.0	51.4	1°.4 above.
Middle Atlantic States	55.6	59.7	4°.1 above.
South Atlantic States	64.4	67.8	3°.4 above.
Gulf States	67.1	68.9	1°.8 above.
Lower Lake region	47.9	52.5	4°.6 above.
Upper Lake region	44.9	48.7	3°.8 above.
Ohio valley and Tennessee	55.7	60.0	4°.3 above.
Upper Mississippi valley	50.1	52.8	2°.7 above.
Lower Missouri valley	54.5	55.1	0°.6 above.
Upper Missouri valley	45.7	44.5	1°.2 below.
Minnesota	42.1	43.5	1°.4 above.
Rocky Mountains stations	45.0	40.0	5°.0 below.
Pacific Coast	59.6	58.4	1°.2 below.

TEMPERATURES OF WATER FOR OCTOBER, 1877.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	64	44	14
Augusta	75	67	6
Baltimore	73	61	11
Buffalo	62	55	12
Cairo	76	51	24
Charleston	75	70	40
Chicago	55	49	10
Cleveland	70	45	14
Cincinnati	74	58	14
Detroit	69	51	22
Duluth	57	45	12
Eastport	50	46	20
Escanaba	60	47	15
Galveston	84	64	8
Grand Haven	70	50	19
Jacksonville	74	69	12
Keokuk	75	61	2½
Key West	84	81	17
La Crosse	66	45	2
Louisville	73	59	3
Memphis	75	60	20
Marquette	59	49	15
Milwaukee	—	—	—
Mobile	73	68	15
Montgomery	75	63	3
Nashville	77	62	11½
New London	66	56	12
New York	66	49	17
Norfolk	67	58.5	24
Omaha	58	46	10
Pittsburgh	70	55	7
Portland, Maine	57	47.5	26
Punta Rassa	—	—	—
San Francisco	61	58	20
Sandusky	70	53	10
St. Louis	74	54	8
St. Marks	76	66	17
St. Paul	62	48	2
Savannah	74	69	10
Shreveport	83	65	14
Toledo	72	54	12
Wilmington	68	63	15
Wood's Holl	67	55	8
Yankton	62	46	5

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