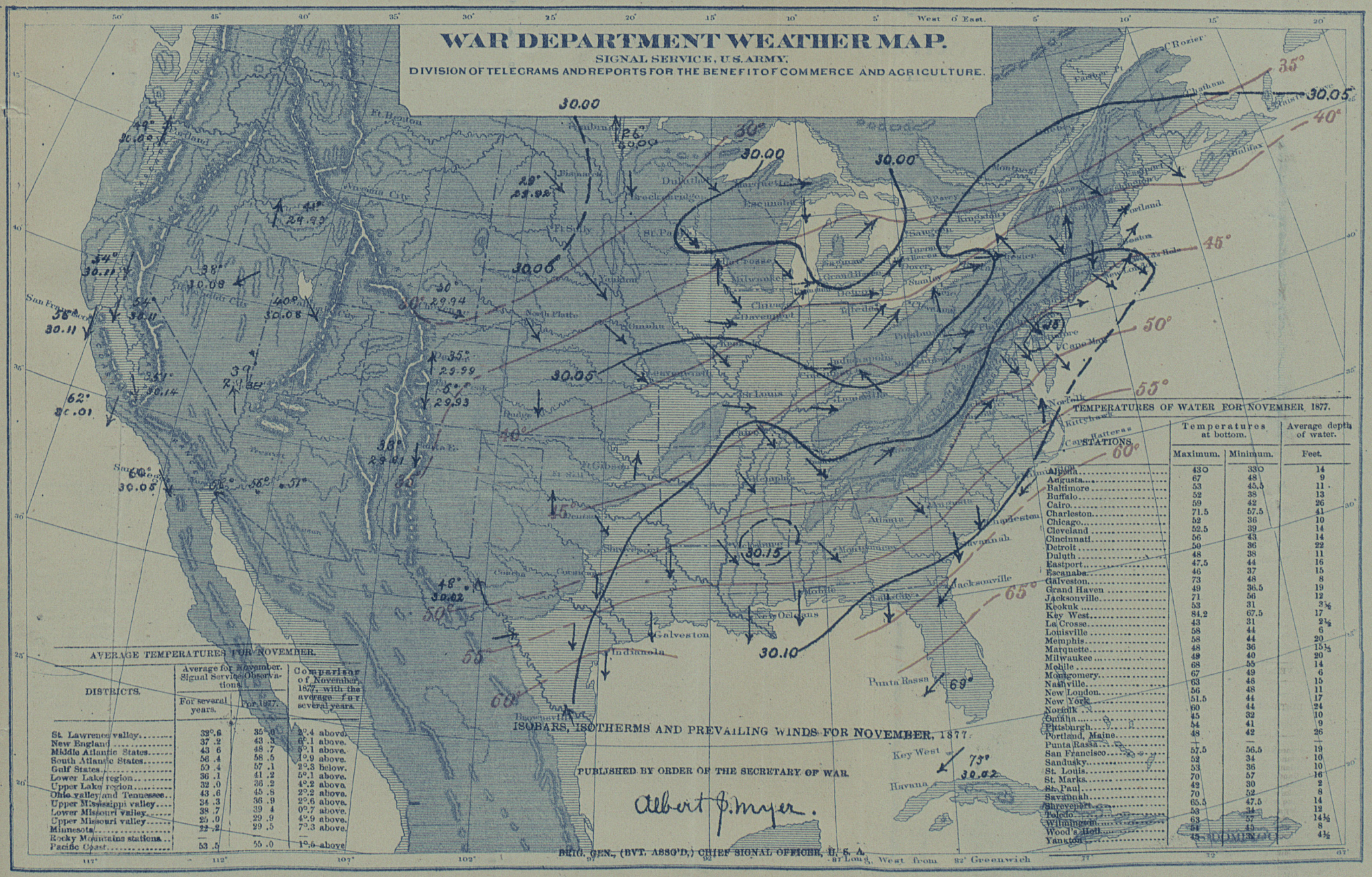
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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



ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR NOVEMBER, 1877.

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AVERAGE TEMPERATURES FOR NOVEMBER.

DISTRICTS.	Average for November. Signal Service Observations. For several years.	For 1877.	Comparison of November, 1877, with the average for several years.
St. Lawrence valley	32°.6	35°.0	2°.4 above.
New England	37 .2	43 .3	6°.1 above.
Middle Atlantic States	43 .6	48 .7	5°.1 above.
South Atlantic States	56 .4	58 .5	1°.9 above.
Gulf States	53 .4	57 .1	2°.3 below.
Lower Lake region	36 .1	41 .2	5°.1 above.
Upper Lake region	32 .0	36 .2	4°.2 above.
Ohio valley and Tennessee	43 .6	45 .8	2°.2 above.
Upper Mississippi valley	34 .3	36 .9	2°.6 above.
Lower Missouri valley	38 .7	39 .4	0°.7 above.
Upper Missouri valley	25 .0	29 .9	4°.9 above.
Minnesota	22 .2	29 .5	7°.3 above.
Rocky Mountains stations	—	—	—
Pacific Coast	53 .5	55 .0	1°.5 above

TEMPERATURES OF WATER FOR NOVEMBER, 1877.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	43O	33O	14
Augusta	67	48	9
Baltimore	53	45.5	11
Buffalo	52	38	13
Cairo	59	42	26
Charleston	71.5	57.5	41
Chicago	52	36	10
Cleveland	52.5	39	14
Cincinnati	56	43	14
Detroit	50	36	22
Duluth	48	38	11
Eastport	47.5	44	16
Escanaba	46	37	15
Galveston	73	48	8
Grand Haven	49	36.5	19
Jacksonville	71	56	12
Keokuk	53	31	3½
Key West	84.2	67.5	17
La Crosse	43	31	2½
Louisville	58	44	6
Memphis	58	44	20
Marquette	48	36	15½
Milwaukee	49	40	20
Mobile	68	55	14
Montgomery	67	49	6
Nashville	63	48	15
New London	56	48	11
New York	51.5	44	17
Norfolk	60	44	24
Omaha	45	32	10
Pittsburgh	54	41	9
Portland, Maine	48	42	26
Punta Rassa	—	—	—
San Francisco	57.5	56.5	19
Sandusky	52	34	10
St. Louis	53	36	10
St. Marks	70	57	16
St. Paul	42	30	2
Savannah	70	52	8
Shreveport	65.5	47.5	14
Toledo	53	34	12
Wilmington	63	57	14½
Wood's Holl	54	45	8
Yankton	45	30	4½