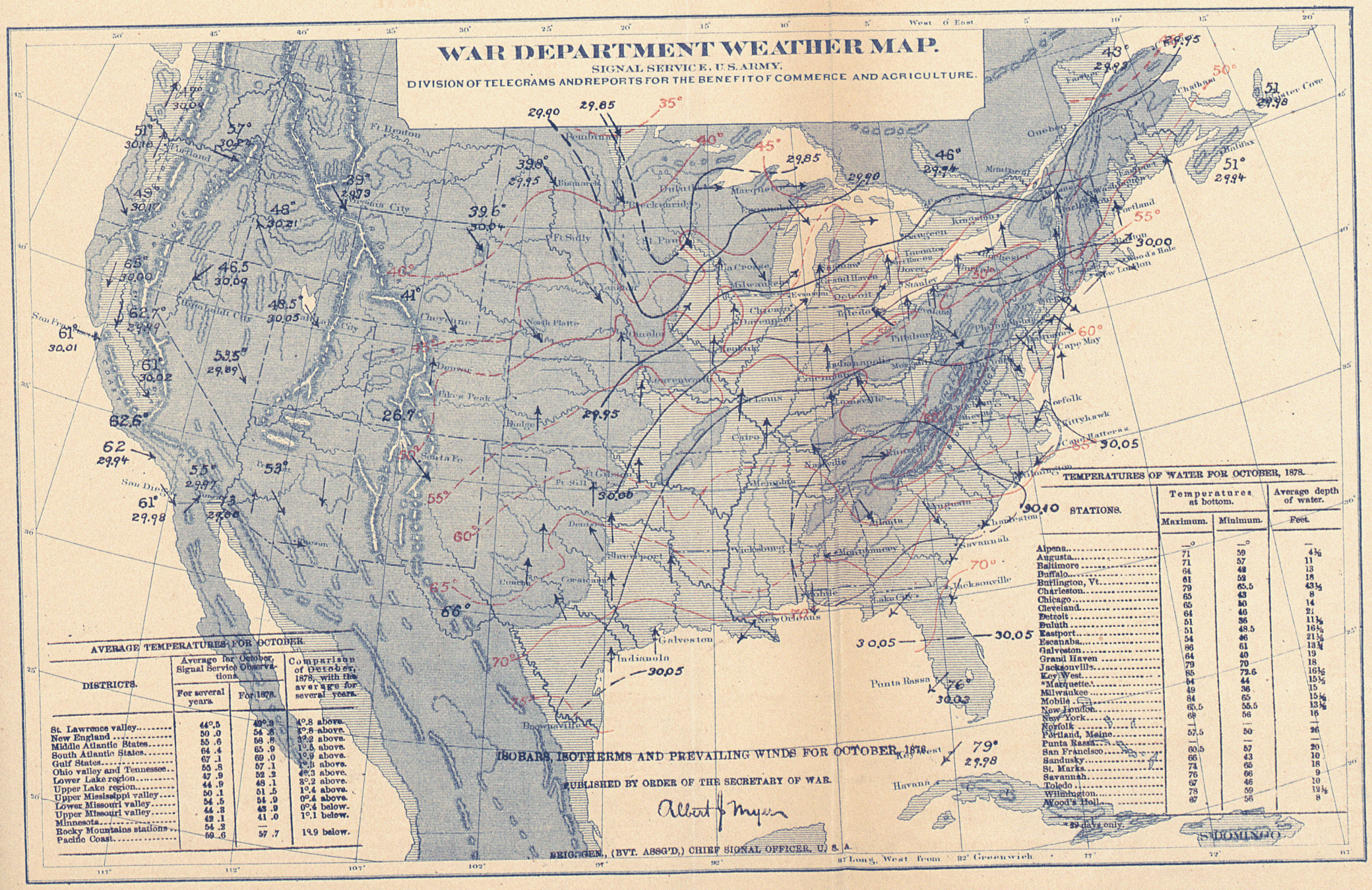

AVERAGE TEMPERATURES FOR OCTOBER.

DISTRICTS.	Average for October, Signal Service Observations. For several years.	For 1878.	Comparison of October, 1878, with the average for several years.
St. Lawrence valley	44°.5	49°.3	4°.8 above.
New England	50 .0	54 .8	4°.8 above.
Middle Atlantic States	55 .6	58 .8	3°.2 above.
South Atlantic States	64 .4	65 .9	1°.5 above.
Gulf States	67 .1	69 .0	1°.9 above.
Ohio valley and Tennessee	55 .8	57 .1	1°.3 above.
Lower Lake region	47 .9	52 .2	4°.3 above.
Upper Lake region	44 .9	48 .1	3°.2 above.
Upper Mississippi valley	50 .1	51 .5	1°.4 above.
Lower Missouri valley	54 .5	54 .9	0°.4 above.
Upper Missouri valley	44 .3	43 .9	0°.4 below.
Minnesota	42 .1	41 .0	1°.1 below.
Rocky Mountains stations	54 .2	—	
Pacific Coast	59 .6	57 .7	1°.9 below.

TEMPERATURES OF WATER FOR OCTOBER, 1878.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	—°	—°	—
Augusta	71	59	4½
Baltimore	71	57	11
Buffalo	64	42	13
Burlington, Vt.	61	52	18
Charleston	79	65.5	43½
Chicago	65	43	8
Cleveland	65	50	14
Detroit	64	46	21
Duluth	51	36	11½
Eastport	51	48.5	16½
Escanaba	54	46	21½
Galveston	86	61	13¾
Grand Haven	64	40	19
Jacksonville	79	70	18
Key West	85	72.6	16½
*Marquette	54	44	15½
Milwaukee	49	36	15
Mobile	84	65	15½
New London	65.5	55.5	13½
New York	68	56	16
Norfolk	—	—	—
Portland, Maine	57.5	50	26
Punta Rassa	—	—	—
San Francisco	60.5	57	20
Sandusky	66	43	10
St. Marks	74	65	18
Savannah	76	66	9
Toledo	67	46	10
Wilmington	78	59	12½
Wood's Holl	67	56	8

*29 days only.