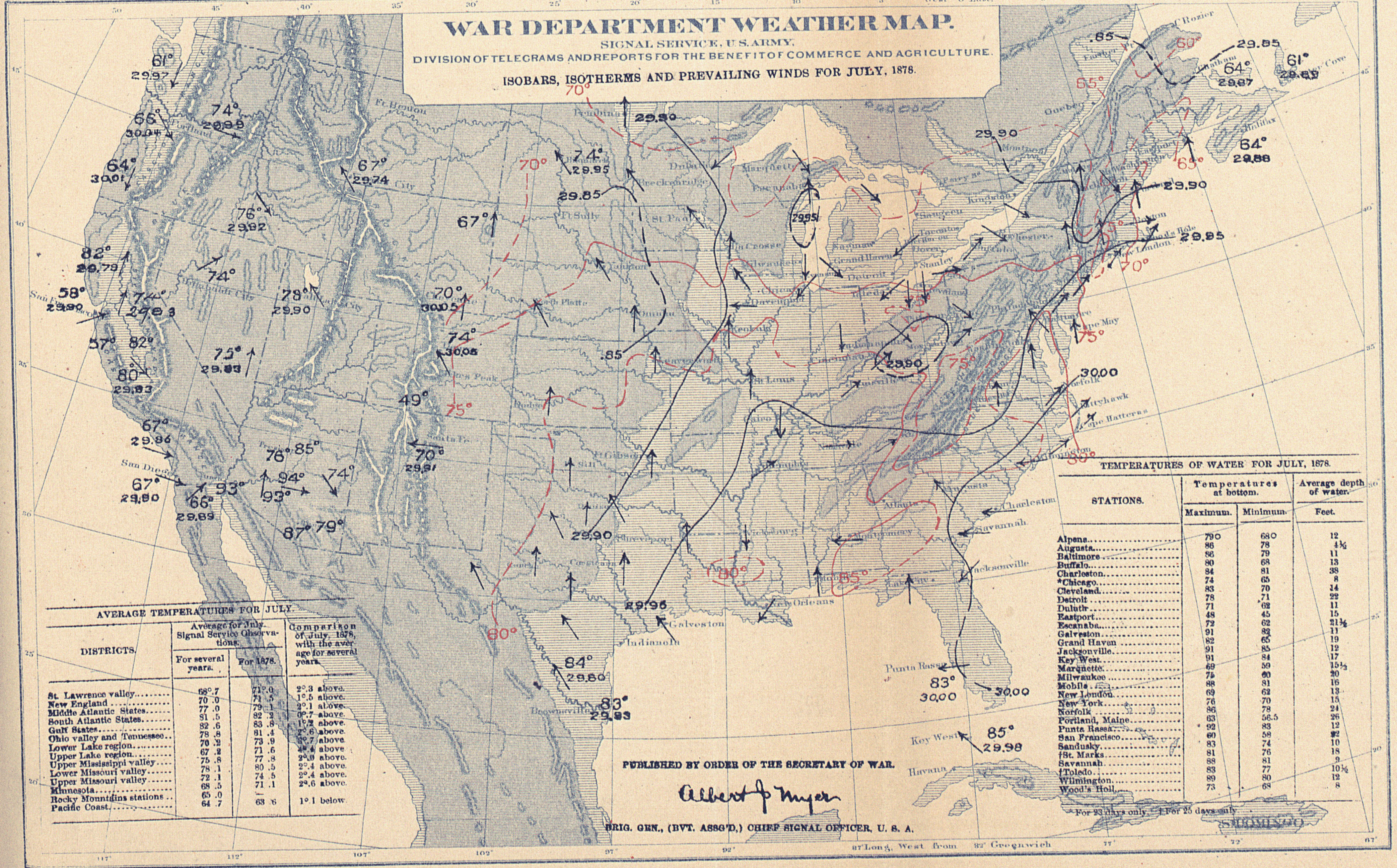

AVERAGE TEMPERATURES FOR JULY.

DISTRICTS.	Average for July. Signal Service Observations. For several years.	Average for July. Signal Service Observations. For 1878.	Comparison of July, 1878, with the average for several years.
St. Lawrence valley	68°.7	71°.0	2°.3 above.
New England	70 .0	71 .5	1°.5 above.
Middle Atlantic States	77 .0	79 .1	2°.1 above.
South Atlantic States	81 .5	82 .2	0°.7 above.
Gulf States	82 .6	83 .8	1°.2 above.
Ohio valley and Tennessee	78 .8	81 .4	2°.6 above.
Lower Lake region	70 .2	73 .9	3°.7 above.
Upper Lake region	67 .2	71 .6	4°.4 above.
Upper Mississippi valley	75 .8	77 .8	2°.0 above.
Lower Missouri valley	78 .1	80 .5	2°.4 above.
Upper Missouri valley	72 .1	74 .5	2°.4 above.
Minnesota	68 .5	71 .1	2°.6 above.
Rocky Mountains stations	65 .0	—	
Pacific Coast	64 .7	63 .6	1°.1 below.

TEMPERATURES OF WATER FOR JULY, 1878.

STATIONS.	Temperatures at bottom. Maximum.	Temperatures at bottom. Minimum.	Average depth of water. Feet.
Alpena	79°	68°	12
Augusta	86	78	4½
Baltimore	86	79	11
Buffalo	80	68	13
Charleston	84	81	38
*Chicago	74	65	8
Cleveland	83	70	14
Detroit	78	71	22
Duluth	71	62	11
Eastport	48	45	15
Escanaba	72	62	21½
Galveston	91	82	11
Grand Haven	82	65	19
Jacksonville	91	85	12
Key West	91	84	17
Marquette	69	59	15½
Milwaukee	75	60	20
Mobile	88	81	16
New London	69	62	13
New York	76	70	15
Norfolk	86	78	24
Portland, Maine	63	56.5	26
Punta Rassa	92	83	12
San Francisco	60	58	22
Sandusky	83	74	10
†St. Marks	81	76	18
Savannah	88	81	9
†Toledo	83	77	10½
Wilmington	89	80	12
Wood's Hole	73	68	8

*For 23 days only. †For 25 days only.