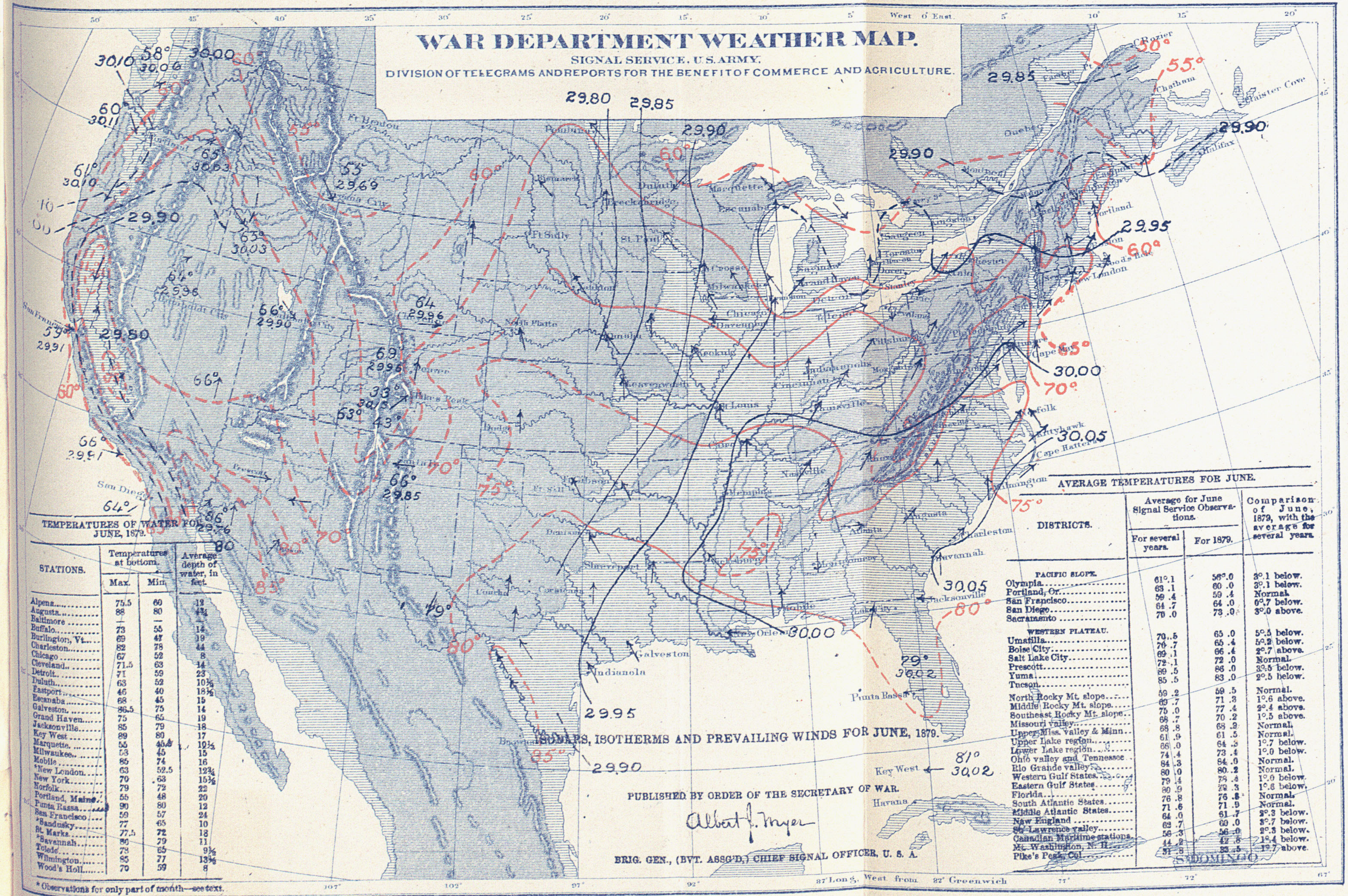
No. II.

WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

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



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TEMPERATURES OF WATER FOR JUNE, 1879.

STATIONS.	Temperatures at bottom. Max.	Temperatures at bottom. Min.	Average depth of water, in feet.
Alpena	75.5	60	12
Augusta	88	80	4¾
Baltimore	—	—	—
Buffalo	73	55	14
Burlington, Vt.	69	47	19
Charleston	82	78	44
Chicago	67	52	8
Cleveland	71.5	63	14
Detroit	71	59	23
Duluth	63	52	10½
Eastport	46	40	18½
Escanaba	68	45	15
Galveston	86.5	75	14
Grand Haven	75	65	19
Jacksonville	85	79	18
Key West	89	80	17
Marquette	55	45.5	10⅓
Milwaukee	53	45	15
Mobile	85	74	16
*New London	63	52.5	12¾
New York	70	63	15½
Norfolk	79	72	22
Portland, Maine	55	48	20
Punta Rassa	90	80	12
San Francisco	59	57	24
*Sandusky	77	65	10
St. Marks	77.5	72	18
*Savannah	80	79	11
Toledo	78	65	9½
Wilmington	85	77	13⅜
Wood's Holl	70	59	8

* Observations for only part of month—see text.

AVERAGE TEMPERATURES FOR JUNE.

DISTRICTS.	Average for June Signal Service Observations. For several years.	Average for June Signal Service Observations. For 1879.	Comparison of June, 1879, with the average for several years.
PACIFIC SLOPE.			
Olympia	61°.1	56°.0	3°.1 below.
Portland, Or.	63 .1	60 .0	3°.1 below.
San Francisco	59 .4	59 .4	Normal.
San Diego	64 .7	64 .0	0°.7 below.
Sacramento	70 .0	73 .0	3°.0 above.
WESTERN PLATEAU.			
Umatilla	70 .5	65 .0	5°.5 below.
Boise City	70 .7	65 .4	5°.2 below.
Salt Lake City	69 .1	66 .4	2°.7 above.
Prescott	72 .1	72 .0	Normal.
Yuma	89 .5	86 .0	3°.5 below.
Tucson	85 .5	83 .0	2°.5 below.
North Rocky Mt. slope	59 .2	59 .5	Normal.
Middle Rocky Mt. slope	69 .7	71 .3	1°.6 above.
Southeast Rocky Mt. slope	75 .0	77 .4	2°.4 above.
Missouri valley	68 .7	70 .2	1°.5 above.
Upper Miss. valley & Minn.	68 .8	68 .2	Normal.
Upper Lake region	61 .9	61 .5	Normal.
Lower Lake region	66 .0	64 .3	1°.7 below.
Ohio valley and Tennessee	74 .4	73 .4	1°.0 below.
Rio Grande valley	84 .3	84 .0	Normal.
Western Gulf States	80 .0	80 .2	Normal.
Eastern Gulf States	79 .4	78 .4	1°.0 below.
Florida	80 .9	79 .3	1°.6 below.
South Atlantic States	76 .8	76 .8	Normal.
Middle Atlantic States	71 .6	71 .9	Normal.
New England	64 .0	61 .7	2°.3 below.
St. Lawrence valley	62 .7	60 .0	3°.7 below.
Canadian Maritime stations	58 .3	56 .0	2°.3 below.
Mt. Washington, N. H.	44 .2	42 .8	1°.4 below.
Pike's Peak, Col.	31 .8	23 .5	1°.7 above.