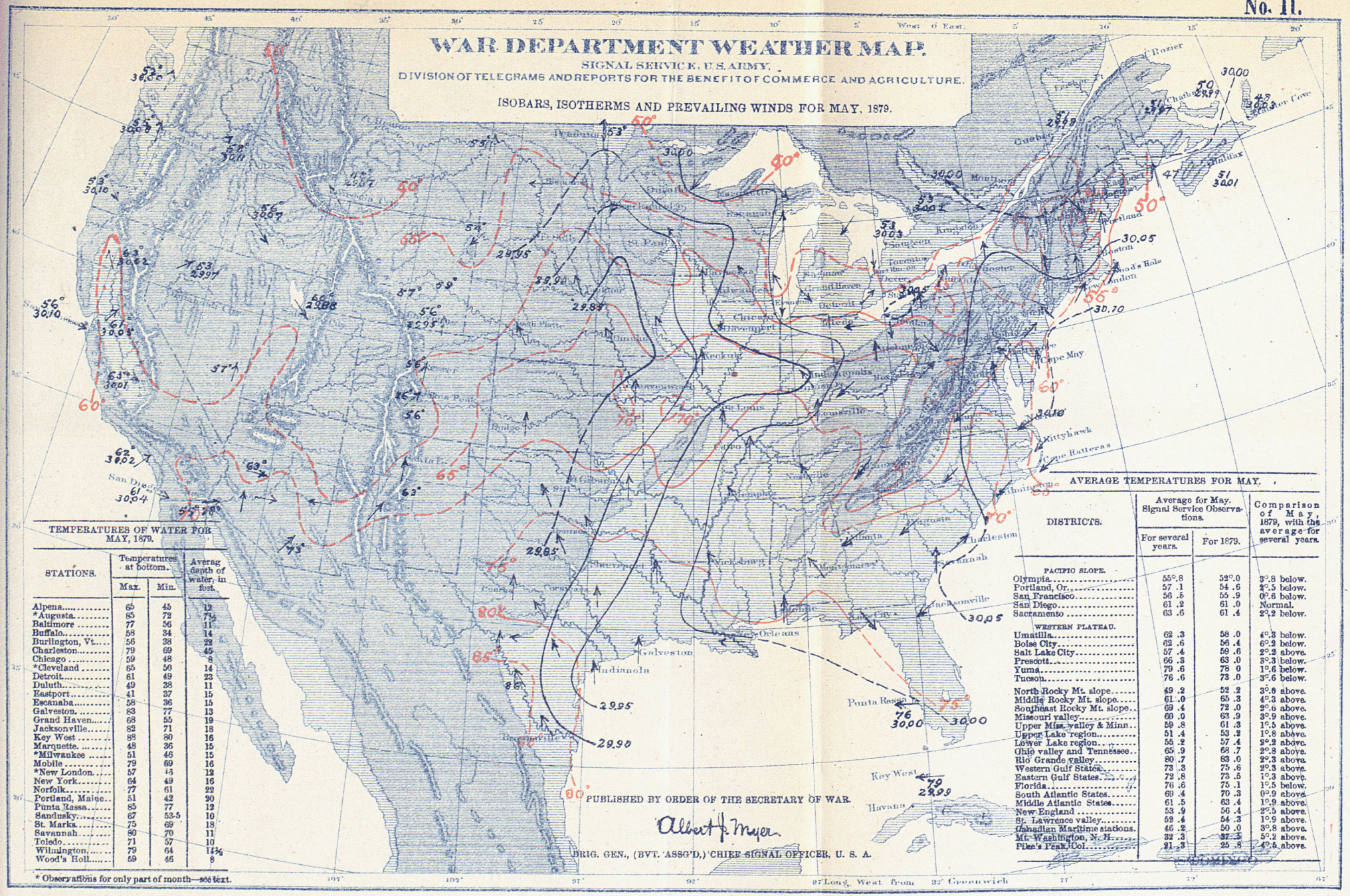
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR MAY, 1879.



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TEMPERATURES OF WATER FOR MAY, 1879.

STATIONS.	Temperatures at bottom. Max.	Min.	Averag depth of water, in feet.
Alpena	65	45	12
*Augusta	85	72	7½
Baltimore	77	56	11
Buffalo	58	34	14
Burlington, Vt.	56	38	22
Charleston	79	69	45
Chicago	59	48	8
*Cleveland	65	50	14
Detroit	61	49	23
Duluth	49	38	11
Eastport	41	37	15
Escanaba	58	36	15
Galveston	83	77	13
Grand Haven	68	55	19
Jacksonville	82	71	18
Key West	88	80	16
Marquette	48	36	15
*Milwaukee	51	46	15
Mobile	79	69	16
*New London	57	43	12
New York	64	49	16
Norfolk	77	61	22
Portland, Maine	51	42	20
Punta Rassa	85	77	12
Sandusky	67	53-5	10
St. Marks	75	69	18
Savannah	80	70	11
Toledo	71	57	10
Wilmington	79	64	14⅔
Wood's Holl	59	46	8

* Observations for only part of month—see text.

AVERAGE TEMPERATURES FOR MAY.

DISTRICTS.	Average for May. Signal Service Observations. For several years.	For 1879.	Comparison of May, 1879, with the average for several years.
PACIFIC SLOPE.			
Olympia	55°.8	52°.0	3°.8 below.
Portland, Or.	57 .1	54 .6	2°.5 below.
San Francisco	56 .5	55 .9	0°.6 below.
San Diego	61 .2	61 .0	Normal.
Sacramento	63 .6	61 .4	2°.2 below.
WESTERN PLATEAU.			
Umatilla	62 .3	58 .0	4°.3 below.
Boise City	62 .6	56 .4	6°.2 below.
Salt Lake City	57 .4	59 .6	2°.2 above.
Prescott	66 .3	63 .0	3°.3 below.
Yuma	79 .6	78 .0	1°.6 below.
Tucson	76 .6	73 .0	3°.6 below.
North Rocky Mt. slope	49 .2	52 .2	3°.0 above.
Middle Rocky Mt. slope	61 .0	65 .3	4°.3 above.
Southeast Rocky Mt. slope	69 .4	72 .0	2°.6 above.
Missouri valley	60 .0	63 .9	3°.9 above.
Upper Miss. valley & Minn.	59 .8	61 .3	1°.5 above.
Upper Lake region	51 .4	53 .2	1°.8 above.
Lower Lake region	55 .2	57 .4	2°.2 above.
Ohio valley and Tennessee	65 .9	68 .7	2°.8 above.
Rio Grande valley	80 .7	83 .0	2°.3 above.
Western Gulf States	73 .3	75 .6	2°.3 above.
Eastern Gulf States	72 .8	73 .5	1°.3 above.
Florida	76 .6	75 .1	1°.5 below.
South Atlantic States	69 .4	70 .3	0°.9 above.
Middle Atlantic States	61 .5	63 .4	1°.9 above.
New England	53 .9	56 .4	2°.5 above.
St. Lawrence valley	52 .4	54 .3	1°.9 above.
Canadian Maritime stations	46 .2	50 .0	3°.8 above.
Mt. Washington, N. H.	32 .3	37 .5	5°.2 above.
Pike's Peak, Col.	21 .3	25 .8	4°.5 above.