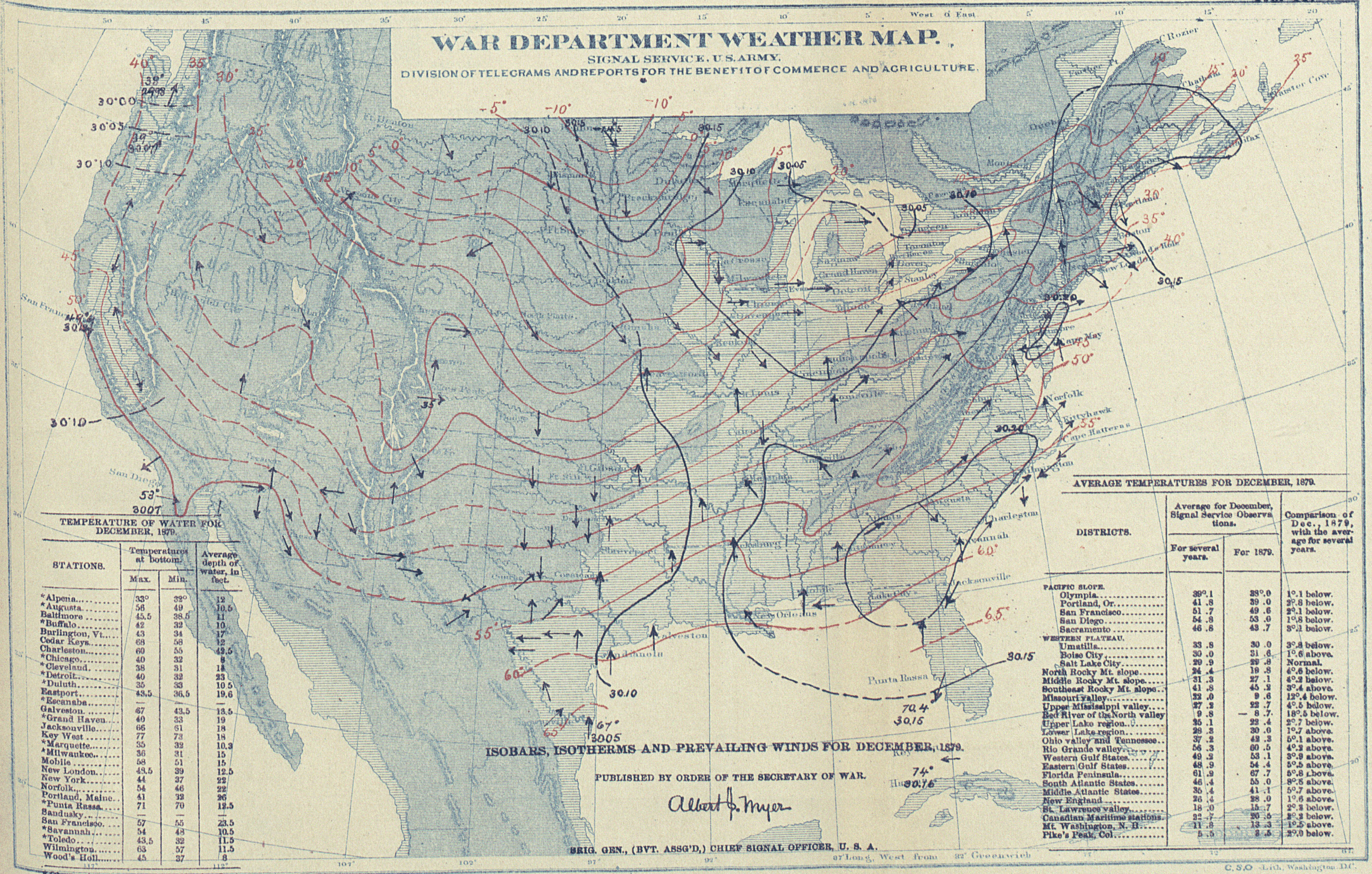
No. II.



TEMPERATURE OF WATER FOR DECEMBER, 1879.

STATIONS.	Temperatures at bottom. Max.	Temperatures at bottom. Min.	Average depth of water, in feet.
*Alpena	33°	32°	12
*Augusta	58	49	10.5
Baltimore	45.5	38.5	11
*Buffalo	42	32	10
Burlington, Vt.	43	34	17
Cedar Keys	68	58	12
Charleston	60	55	42.5
*Chicago	40	32	8
*Cleveland	38	31	14
*Detroit	40	32	23
*Duluth	35	33	10.5
Eastport	43.5	36.5	19.6
*Escanaba	—	—	—
Galveston	67	43.5	13.5
*Grand Haven	40	33	19
Jacksonville	66	61	18
Key West	77	73	18
*Marquette	35	32	10.3
*Milwaukee	36	31	15
Mobile	58	51	15
New London	43.5	39	12.5
New York	44	37	22
Norfolk	54	46	22
Portland, Maine	41	32	26
*Punta Rassa	71	70	12.5
Sandusky	—	—	—
San Francisco	57	55	23.5
*Savannah	54	48	10.5
*Toledo	43.5	32	11.5
Wilmington	63	57	11.5
Wood's Holl	45	37	8

* Observations for only part of month—See text.

AVERAGE TEMPERATURES FOR DECEMBER, 1879.

DISTRICTS.	Average for December, Signal Service Observations. For several years.	Average for December, Signal Service Observations. For 1879.	Comparison of Dec., 1879, with the average for several years.
PACIFIC SLOPE.			
Olympia	39°.1	38°.0	1°.1 below.
Portland, Or.	41 .8	39 .0	2°.8 below.
San Francisco	51 .7	49 .6	2°.1 below.
San Diego	54 .8	53 .0	1°.8 below.
Sacramento	46 .8	43 .7	3°.1 below.
WESTERN PLATEAU.			
Umatilla	33 .8	30 .0	3°.8 below.
Boise City	30 .0	31 .6	1°.6 above.
Salt Lake City	29 .9	29 .8	Normal.
North Rocky Mt. slope	24 .4	19 .8	4°.6 below.
Middle Rocky Mt. slope	31 .3	27 .1	4°.2 below.
Southeast Rocky Mt. slope	41 .8	45 .2	3°.4 above.
Missouri valley	22 .0	9 .6	12°.4 below.
Upper Mississippi valley	27 .2	22 .7	4°.5 below.
Red River of the North valley	9 .8	— 8 .7	18°.5 below.
Upper Lake region	25 .1	22 .4	2°.7 below.
Lower Lake region	28 .3	30 .0	1°.7 above.
Ohio valley and Tennessee	37 .2	42 .3	5°.1 above.
Rio Grande valley	56 .3	60 .5	4°.2 above.
Western Gulf States	49 .2	53 .1	3°.9 above.
Eastern Gulf States	48 .9	54 .4	5°.5 above.
Florida Peninsula	61 .9	67 .7	5°.8 above.
South Atlantic States	46 .4	55 .0	8°.6 above.
Middle Atlantic States	35 .4	41 .1	5°.7 above.
New England	26 .4	28 .0	1°.6 above.
St. Lawrence valley	18 .0	15 .7	2°.3 below.
Canadian Maritime stations	22 .7	20 .5	2°.2 below.
Mt. Washington, N. H.	11 .8	13 .3	1°.5 above.
Pike's Peak, Col.	5 .5	2 .5	2°.0 below.