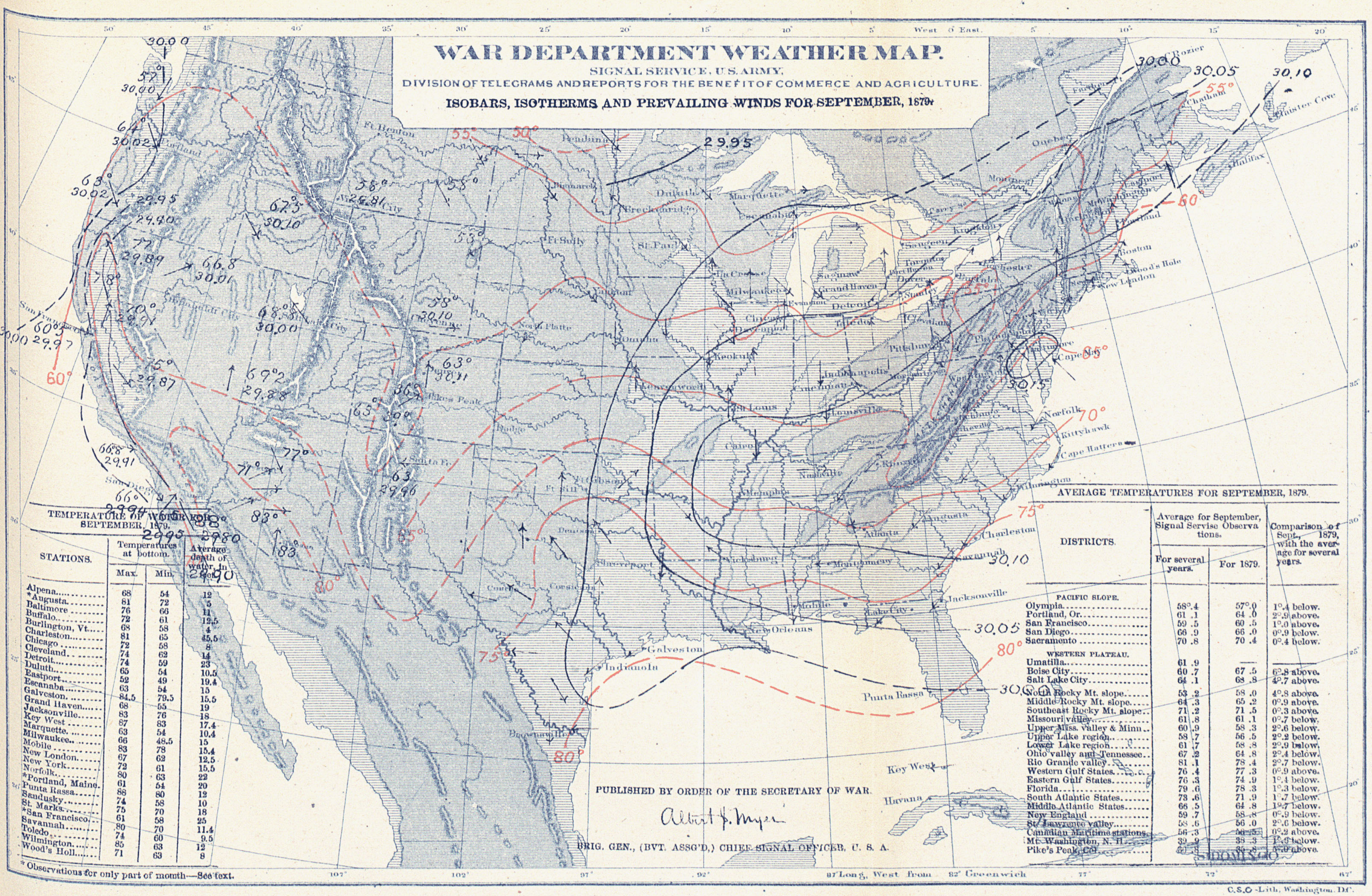
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR SEPTEMBER, 1879.



STATIONS.	Temperatures at bottom.		Average depth of water, in feet.
	Max.	Min.	
Alpena	68	54	12
*Augusta	81	72	5
Baltimore	76	66	11
Buffalo	72	61	12.5
Burlington, Vt.	68	58	4
Charleston	81	65	45.5
Chicago	72	58	8
Cleveland	74	62	14
Detroit	74	59	23
Duluth	65	54	10.5
Eastport	52	49	19.4
Escanaba	63	54	15
Galveston	84.5	79.5	15.5
Grand Haven	68	55	19
Jacksonville	83	76	18
Key West	87	83	17.4
Marquette	63	54	10.4
Milwaukee	66	48.5	15
Mobile	83	78	15.4
New London	67	62	12.5
New York	72	61	15.5
Norfolk	80	63	22
*Portland, Maine	61	54	20
Punta Rassa	88	80	12
Sandusky	74	58	10
St. Marks	75	70	18
*San Francisco	61	58	25
Savannah	80	70	11.4
Toledo	74	60	9.5
Wilmington	85	63	12
Wood's Holl	71	63	8

TEMPERATURE OF WATER FOR SEPTEMBER, 1879.

* Observations for only part of month—See text.

AVERAGE TEMPERATURES FOR SEPTEMBER, 1879.

DISTRICTS.	Average for September, Signal Servise Observations.		Comparison of Sept., 1879, with the average for several years.
	For several years.	For 1879.	
PACIFIC SLOPE.			
Olympia	58°.4	57°.0	1°.4 below.
Portland, Or.	61 .1	64 .0	2°.9 above.
San Francisco	59 .5	60 .5	1°.0 above.
San Diego	66 .9	66 .0	0°.9 below.
Sacramento	70 .8	70 .4	0°.4 below.
WESTERN PLATEAU.			
Umatilla	61 .9	——	——
Boise City	60 .7	67 .5	6°.8 above.
Salt Lake City	64 .1	68 .8	4°.7 above.
North Rocky Mt. slope	53 .2	58 .0	4°.8 above.
Middle Rocky Mt. slope	64 .3	65 .2	0°.9 above.
Southeast Rocky Mt. slope	71 .2	71 .5	0°.3 above.
Missouri valley	61 .8	61 .1	0°.7 below.
Upper Miss. valley & Minn.	60 .9	58 .3	2°.6 below.
Upper Lake region	58 .7	56 .5	2°.2 below.
Lower Lake region	61 .7	58 .8	2°.9 below.
Ohio valley and Tennessee	67 .2	64 .8	2°.4 below.
Rio Grande valley	81 .1	78 .4	2°.7 below.
Western Gulf States	76 .4	77 .3	0°.9 above.
Eastern Gulf States	76 .3	74 .9	1°.4 below.
Florida	79 .6	78 .3	1°.3 below.
South Atlantic States	73 .6	71 .9	1°.7 below.
Middle Atlantic States	66 .5	64 .8	1°.7 below.
New England	59 .7	58 .8	0°.9 below.
St. Lawrence valley	58 .6	56 .0	2°.6 below.
Canadian Maritime stations	56 .3	56 .5	0°.2 above.
Mt. Washington, N. H.	39 .9	38 .3	1°.6 below.
Pike's Peak, Col.	30 .8	35 .8	5°.0 above.

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