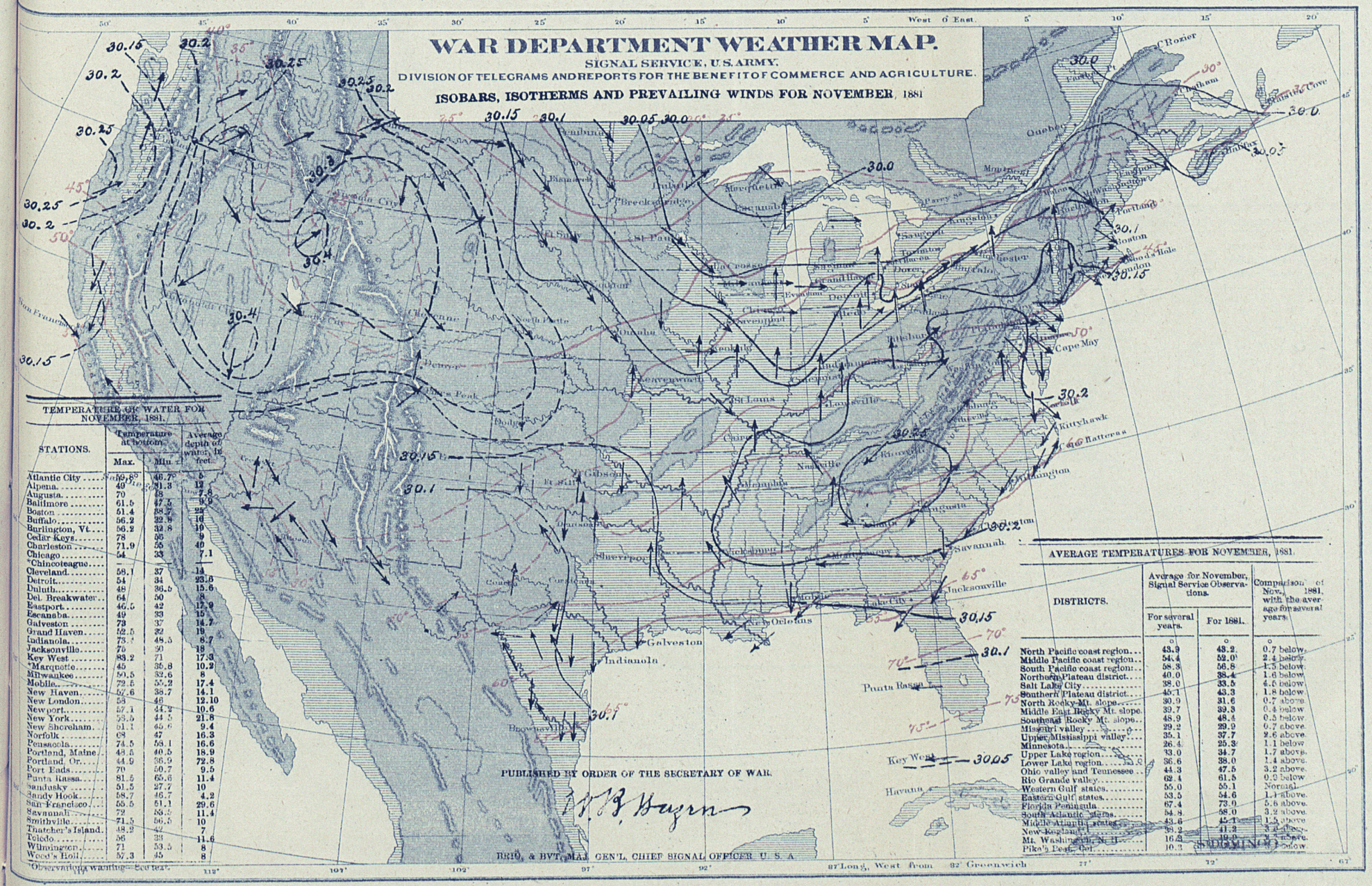
WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR NOVEMBER, 1881



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TEMPERATURE OF WATER FOR NOVEMBER, 1881.

STATIONS.	Temperature at bottom. Max.	Min.	Average depth of water, in feet.
Atlantic City	49.8°	46.7°	5
Alpena	49	31.3	12
Augusta	70	68	7.8
Baltimore	61.5	47.5	9.9
Boston	51.4	38.7	25
Buffalo	56.2	32.8	16
Burlington, Vt	56.2	32.8	19
Cedar Keys	78	66	9
Charleston	71.9	55	40
Chicago	54	33	7.1
*Chincoteague	—	—	—
Cleveland	58.1	37	14
Detroit	54	34	23.6
Duluth	48	36.5	15.6
Del. Breakwater	64	50	8
Eastport	46.5	42	17.9
Escanaba	49	33	15
Galveston	73	37	14.7
Grand Haven	52.5	32	19
Indianola	73.1	48.5	8.7
Jacksonville	75	60	18
Key West	83.2	71	17.3
*Marquette	45	35.8	10.2
Milwaukee	50.5	32.6	8
Mobile	72.6	55.2	17.4
New Haven	57.6	38.7	14.1
New London	53	46	12.10
Newport	57.1	44.2	10.6
New York	58.5	44.5	21.8
New Shoreham	51.1	45.6	9.4
Norfolk	68	47	16.3
Pensacola	74.5	58.1	16.6
Portland, Maine	48.5	40.5	18.9
Portland, Or	44.9	36.9	72.8
Port Eads	70	50.7	9.5
Punta Rassa	81.5	65.6	11.4
Sandusky	51.5	27.7	10
Sandy Hook	58.7	46.7	4.2
San Francisco	55.5	51.1	29.6
Savannah	72	53.5	11.4
Smithville	71.5	56.5	10
Thatcher's Island	48.2	42	7
Toledo	56	33	11.6
Wilmington	71	53.5	8
Wood's Holl	57.3	45	8

*Observations wanting—See text.

AVERAGE TEMPERATURES FOR NOVEMBER, 1881.

DISTRICTS.	Average for November, Signal Service Observations. For several years.	For 1881.	Comparison of Nov., 1881, with the average for several years.
	°	°	
North Pacific coast region	43.9	43.2	0.7 below
Middle Pacific coast region	54.4	52.0	2.4 below
South Pacific coast region	58.3	56.8	1.5 below
Northern Plateau district	40.0	38.4	1.6 below
Salt Lake City	38.0	33.5	4.5 below
Southern Plateau district	45.1	43.3	1.8 below
North Rocky Mt. slope	30.9	31.6	0.7 above
Middle East Rocky Mt. slope	39.7	39.3	0.4 below
Southern Rocky Mt. slope	48.9	48.4	0.5 below
Missouri valley	29.2	29.9	0.7 above
Upper Mississippi valley	35.1	37.7	2.6 above
Minnesota	26.4	25.3	1.1 below
Upper Lake region	33.0	34.7	1.7 above
Lower Lake region	36.6	38.0	1.4 above
Ohio valley and Tennessee	44.3	47.5	3.2 above
Rio Grande valley	62.4	61.5	0.9 below
Western Gulf states	55.0	55.1	Normal
Eastern Gulf states	53.5	54.6	1.1 above
Florida Peninsula	67.4	73.0	5.6 above
South Atlantic states	54.8	58.0	3.2 above
Middle Atlantic states	43.6	45.1	1.5 above
New England	38.2	41.2	3.0 above
Mt. Washington, N. H.	16.5	19.0	2.5 above
Pike's Peak, Col.	10.3	10.3	Normal