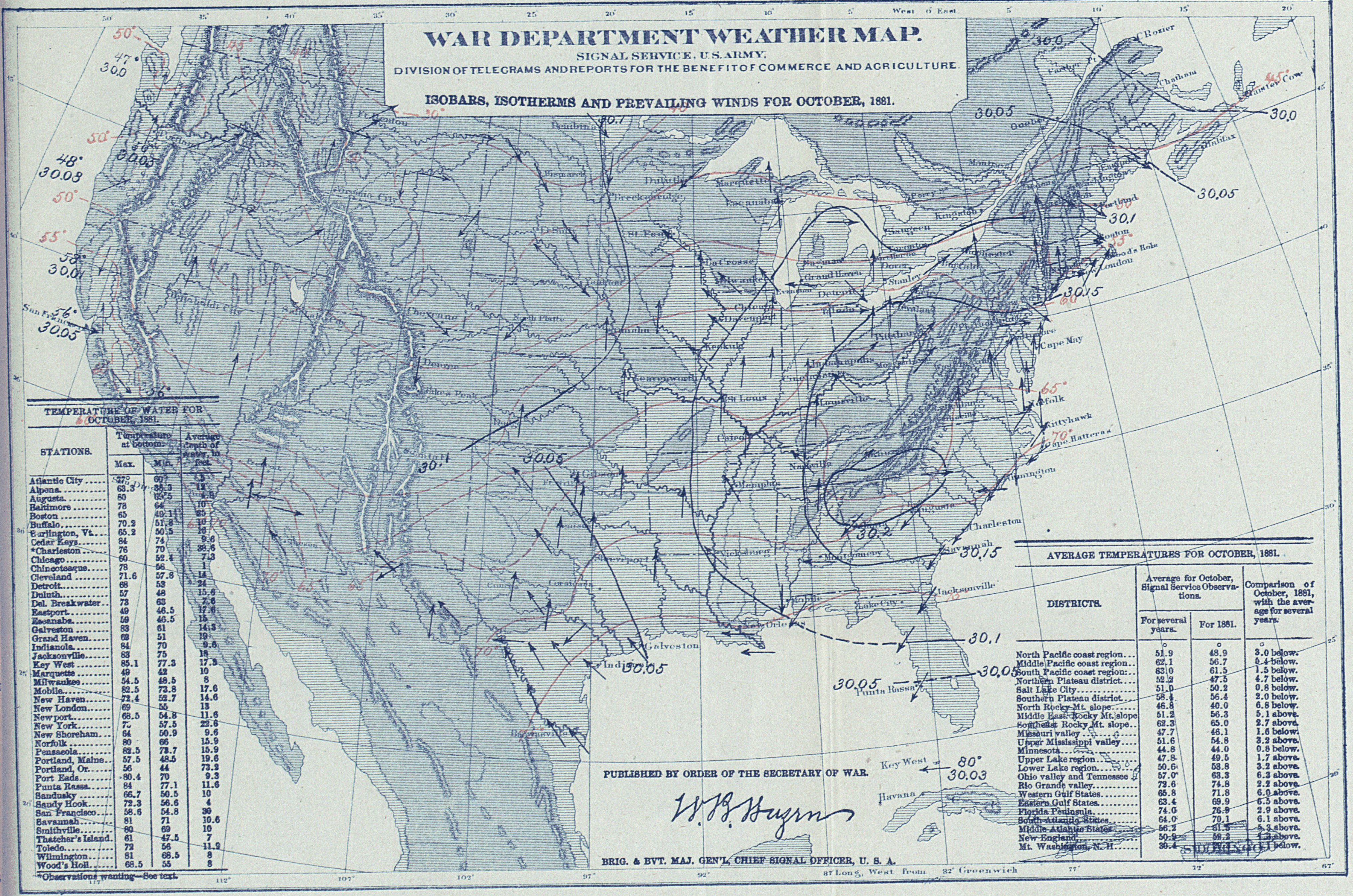

TEMPERATURE OF WATER FOR OCTOBER, 1881.

STATIONS.	Temperature at bottom. Max.	Temperature at bottom. Min.	Average depth of water, in feet.
Atlantic City	77°	66°	15
Alpena	63.3	38.3	12
Augusta	80	69.5	4.8
Baltimore	78	64	10
Boston	65	49.1	25
Buffalo	70.2	51.8	10
Burlington, Vt.	65.2	50.5	10
Cedar Keys	84	74	9.6
*Charleston	76	70	38.6
Chicago	60	52.4	7.3
Chincoteague	78	58	1
Cleveland	71.6	57.8	14
Detroit	68	53	24
Duluth	57	48	15.6
Del. Breakwater	73	63	7.8
Eastport	49	46.5	17.6
Escanaba	59	46.5	15
Galveston	83	61	14.3
Grand Haven	68	51	19
Indianola	84	70	9.6
Jacksonville	83	75	18
Key West	85.1	77.3	17.3
Marquette	49	42	10
Milwaukee	54.5	48.5	8
Mobile	82.5	73.8	17.6
New Haven	72.4	52.7	14.6
New London	69	55	13
Newport	68.5	54.8	11.6
New York	75	57.5	22.6
New Shoreham	64	50.9	9.6
Norfolk	80	66	15.9
Pensacola	82.5	73.7	15.9
Portland, Maine	57.5	48.5	19.6
Portland, Or.	56	44	73.2
Port Eads	80.4	70	9.3
Punta Rassa	84	77.1	11.6
Sandusky	66.7	50.5	10
Sandy Hook	72.3	56.6	4
San Francisco	58.6	54.8	30
Savannah	81	71	10.6
Smithville	80	69	10
Thatcher's Island	61	47.5	7
Toledo	72	56	11.9
Wilmington	81	68.5	8
Wood's Holl	68.5	55	8

*Observations wanting—See text.

AVERAGE TEMPERATURES FOR OCTOBER, 1881.

DISTRICTS.	Average for October, Signal Service Observations. For several years.	For 1881.	Comparison of October, 1881, with the average for several years.
	°	°	°
North Pacific coast region	51.9	48.9	3.0 below.
Middle Pacific coast region	62.1	56.7	5.4 below.
South Pacific coast region	63.0	61.5	1.5 below.
Northern Plateau district	52.2	47.5	4.7 below.
Salt Lake City	51.0	50.2	0.8 below.
Southern Plateau district	58.4	56.4	2.0 below.
North Rocky Mt. slope	46.8	40.0	6.8 below.
Middle East. Rocky Mt. slope	51.2	56.3	5.1 above.
Southeast Rocky Mt. slope	62.3	65.0	2.7 above.
Missouri valley	47.7	46.1	1.6 below.
Upper Mississippi valley	51.6	54.8	3.2 above.
Minnesota	44.8	44.0	0.8 below.
Upper Lake region	47.8	49.5	1.7 above.
Lower Lake region	50.6	53.8	3.2 above.
Ohio valley and Tennessee	57.0	63.3	6.3 above.
Rio Grande valley	72.6	74.8	2.2 above.
Western Gulf States	65.8	71.8	6.0 above.
Eastern Gulf States	63.4	69.9	6.5 above.
Florida Peninsula	74.0	76.9	2.9 above.
South Atlantic States	64.0	70.1	6.1 above.
Middle Atlantic States	56.2	61.5	5.3 above.
New England	50.9	58.2	[illegible] above.
Mt. Washington, N. H.	30.4	[illegible]	[illegible] below.