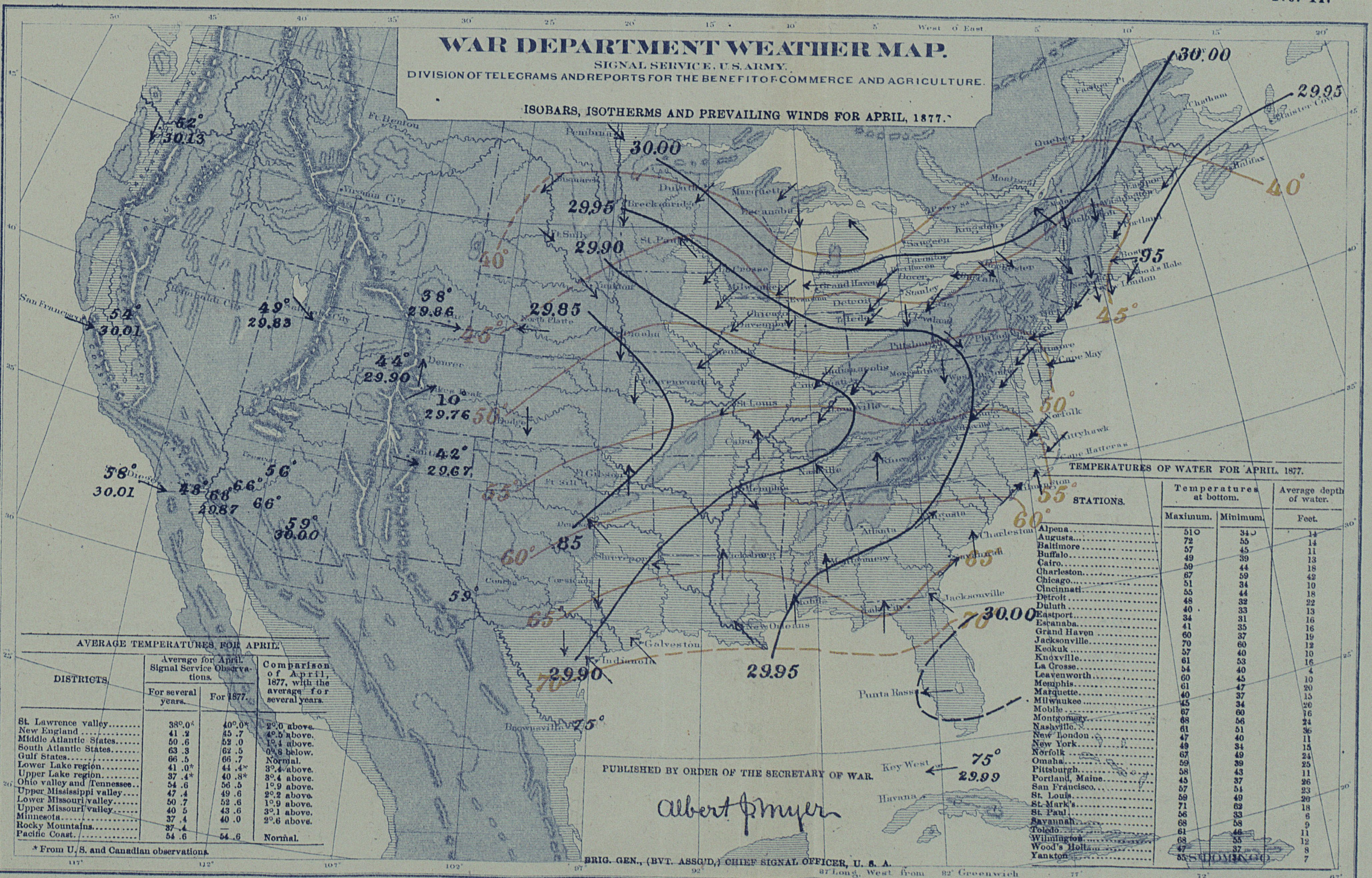
No. II.

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 APRIL, 1877.



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AVERAGE TEMPERATURES FOR APRIL.

DISTRICTS.	Average for April. Signal Service Observations. For several years.	For 1877.	Comparison of April, 1877, with the average for several years.
St. Lawrence valley	38°.0*	40°.0*	2°.0 above.
New England	41 .2	45 .7	4°.5 above.
Middle Atlantic States	50 .6	52 .0	1°.4 above.
South Atlantic States	63 .3	62 .5	0°.8 below.
Gulf States	66 .5	66 .7	Normal.
Lower Lake region	41 .0*	44 .4*	3°.4 above.
Upper Lake region	37 .4*	40 .8*	3°.4 above.
Ohio valley and Tennessee	54 .6	56 .5	1°.9 above.
Upper Mississippi valley	47 .4	49 .6	2°.2 above.
Lower Missouri valley	50 .7	52 .6	1°.9 above.
Upper Missouri valley	40 5	43 .6	3°.1 above.
Minnesota	37 .4	40 .0	2°.6 above.
Rocky Mountains	37 .4	—	
Pacific Coast	54 .6	54 .6	Normal.

* From U. S. and Canadian observations.

TEMPERATURES OF WATER FOR APRIL, 1877.

STATIONS.	Temperatures at bottom. Maximum.	Minimum.	Average depth of water. Feet.
Alpena	51°	34°	14
Augusta	72	55	14
Baltimore	57	45	11
Buffalo	49	39	13
Cairo	59	44	18
Charleston	67	59	42
Chicago	51	34	10
Cincinnati	55	44	18
Detroit	48	32	22
Duluth	40	33	13
Eastport	34	31	16
Escanaba	41	35	16
Grand Haven	60	37	19
Jacksonville	70	60	12
Keokuk	57	40	10
Knoxville	61	53	16
La Crosse	54	40	4
Leavenworth	60	45	10
Memphis	61	47	20
Marquette	40	37	15
Milwaukee	45	34	20
Mobile	67	60	16
Montgomery	68	56	24
Nashville	61	51	36
New London	47	40	11
New York	49	34	15
Norfolk	67	49	24
Omaha	59	39	25
Pittsburgh	58	43	11
Portland, Maine	45	37	26
San Francisco	57	54	23
St. Louis	59	49	20
St. Mark's	71	62	18
St. Paul	56	33	6
Savannah	68	58	9
Toledo	61	46	11
Wilmington	68	55	12
Wood's Holl	47	37	8
Yankton	55	34	7