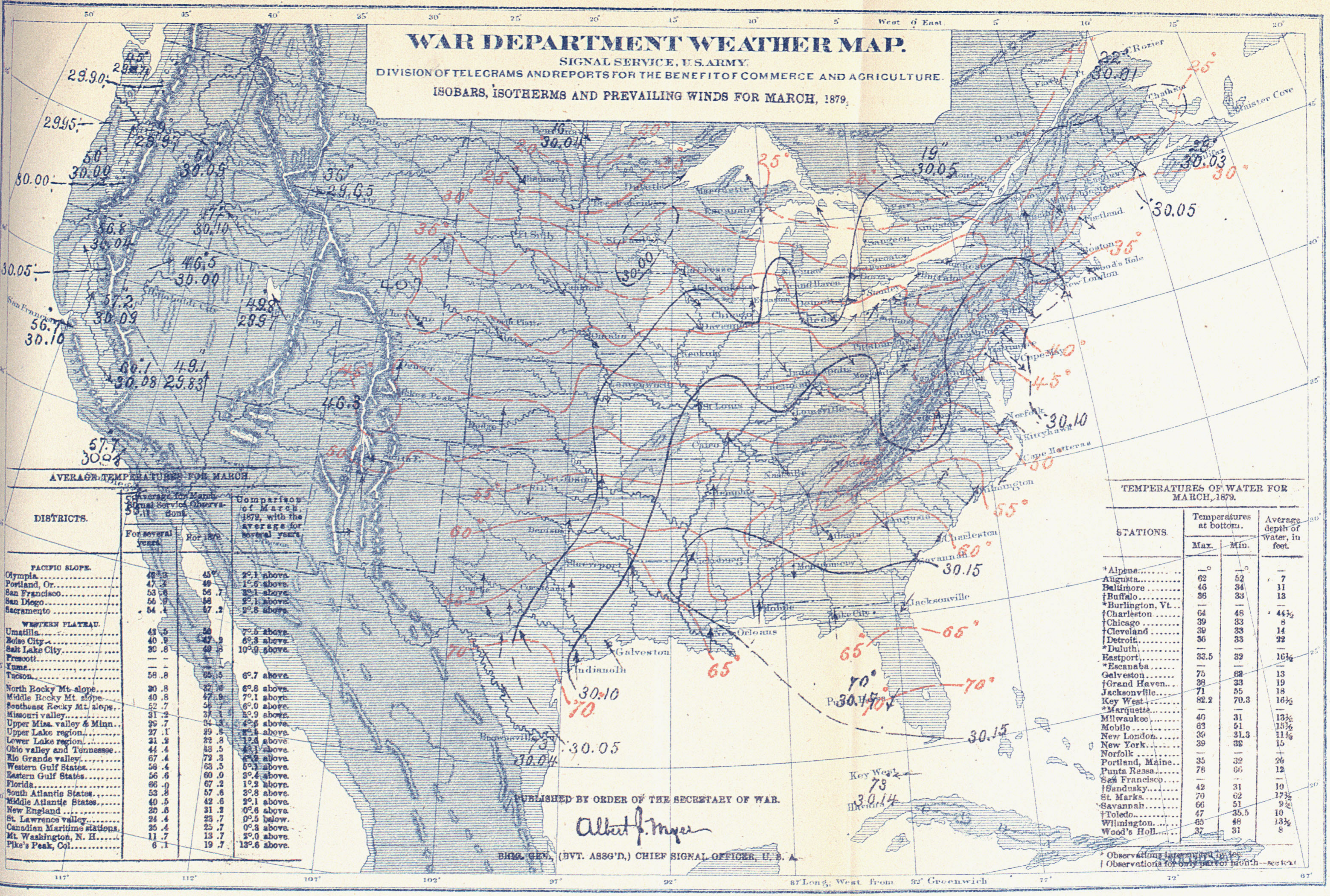
No. II.

# 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 MARCH, 1879.




AVERAGE TEMPERATURES FOR MARCH.

| DISTRICTS. | Average for March, Signal Service Observations. For several years. | Average for March, Signal Service Observations. For 1879. | Comparison of March, 1879, with the average for several years. |
|---|---|---|---|
| **PACIFIC SLOPE.** | | | |
| Olympia | 43°.3 | 45°.[illegible] | 2°.1 above. |
| Portland, Or. | 47 .4 | 49 | 1°.6 above. |
| San Francisco | 53 .6 | 56 .7 | 3°.1 above. |
| San Diego | 56 .0 | 58 | 2°.1 above. |
| Sacramento | 54 .4 | 57 .2 | 2°.8 above. |
| **WESTERN PLATEAU.** | | | |
| Umatilla | 42 .5 | 50 | 7°.5 above. |
| Boise City | 40 .9 | 47 .2 | 6°.3 above. |
| Salt Lake City | 38 .8 | 49 .6 | 10°.9 above. |
| Prescott | — | — | |
| Yuma | — | — | |
| Tucson | 58 .8 | 65 .5 | 6°.7 above. |
| North Rocky Mt. slope | 30 .8 | 37 .6 | 6°.8 above. |
| Middle Rocky Mt. slope | 40 .8 | 47 .9 | 7°.1 above. |
| Southeast Rocky Mt. slope | 52 .7 | 58 .7 | 6°.0 above. |
| Missouri valley | 31 .2 | 37 .1 | 5°.9 above. |
| Upper Miss. valley & Minn. | 29 .7 | 34 .3 | 4°.6 above. |
| Upper Lake region | 27 .1 | 29 .5 | [illegible] above. |
| Lower Lake region | 31 .2 | 32 .8 | 1°.6 above. |
| Ohio valley and Tennessee | 44 .4 | 48 .5 | 4°.1 above. |
| Rio Grande valley | 67 .4 | 72 .3 | 4°.9 above. |
| Western Gulf States | 58 .4 | 63 .5 | 5°.1 above. |
| Eastern Gulf States | 56 .6 | 60 .0 | 3°.4 above. |
| Florida | 66 .0 | 67 .2 | 1°.2 above. |
| South Atlantic States | 53 .8 | 57 .6 | 3°.8 above. |
| Middle Atlantic States | 40 .5 | 42 .6 | 2°.1 above. |
| New England | 30 .6 | 31 .2 | 0°.6 above. |
| St. Lawrence valley | 24 .4 | 23 .7 | 0°.5 below. |
| Canadian Maritime stations | 25 .4 | 25 .7 | 0°.3 above. |
| Mt. Washington, N. H. | 11 .7 | 13 .7 | 2°.0 above. |
| Pike's Peak, Col. | 6 .1 | 19 .7 | 13°.6 above. |

TEMPERATURES OF WATER FOR MARCH, 1879.

| STATIONS. | Temperatures at bottom. Max. | Temperatures at bottom. Min. | Average depth of water, in feet. |
|---|---|---|---|
| *Alpena | —° | —° | — |
| Augusta | 62 | 52 | 7 |
| Baltimore | 46 | 34 | 11 |
| †Buffalo | 36 | 33 | 13 |
| *Burlington, Vt. | — | — | — |
| †Charleston | 64 | 48 | 44½ |
| †Chicago | 39 | 33 | 8 |
| †Cleveland | 39 | 33 | 14 |
| †Detroit | 36 | 33 | 22 |
| *Duluth | — | — | — |
| Eastport | 33.5 | 32 | 16½ |
| *Escanaba | — | — | — |
| Galveston | 75 | 62 | 13 |
| †Grand Haven | 38 | 33 | 19 |
| Jacksonville | 71 | 55 | 18 |
| Key West | 82.2 | 70.3 | 16½ |
| *Marquette | — | — | — |
| Milwaukee | 40 | 31 | 13½ |
| Mobile | 63 | 51 | 15½ |
| New London | 39 | 31.3 | 11⅛ |
| New York | 39 | 32 | 15 |
| Norfolk | — | — | — |
| Portland, Maine | 35 | 32 | 26 |
| Punta Rassa | 78 | 66 | 12 |
| San Francisco | — | — | — |
| †Sandusky | 42 | 31 | 10 |
| St. Marks | 70 | 62 | 17½ |
| Savannah | 66 | 51 | 9½ |
| †Toledo | 47 | 35.5 | 10 |
| Wilmington | 65 | 48 | 13½ |
| Wood's Holl | 37 | 31 | 8 |

* Observations interrupted by ice.
† Observations for only part of month—see text.

PUBLISHED BY ORDER OF THE SECRETARY OF WAR.

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