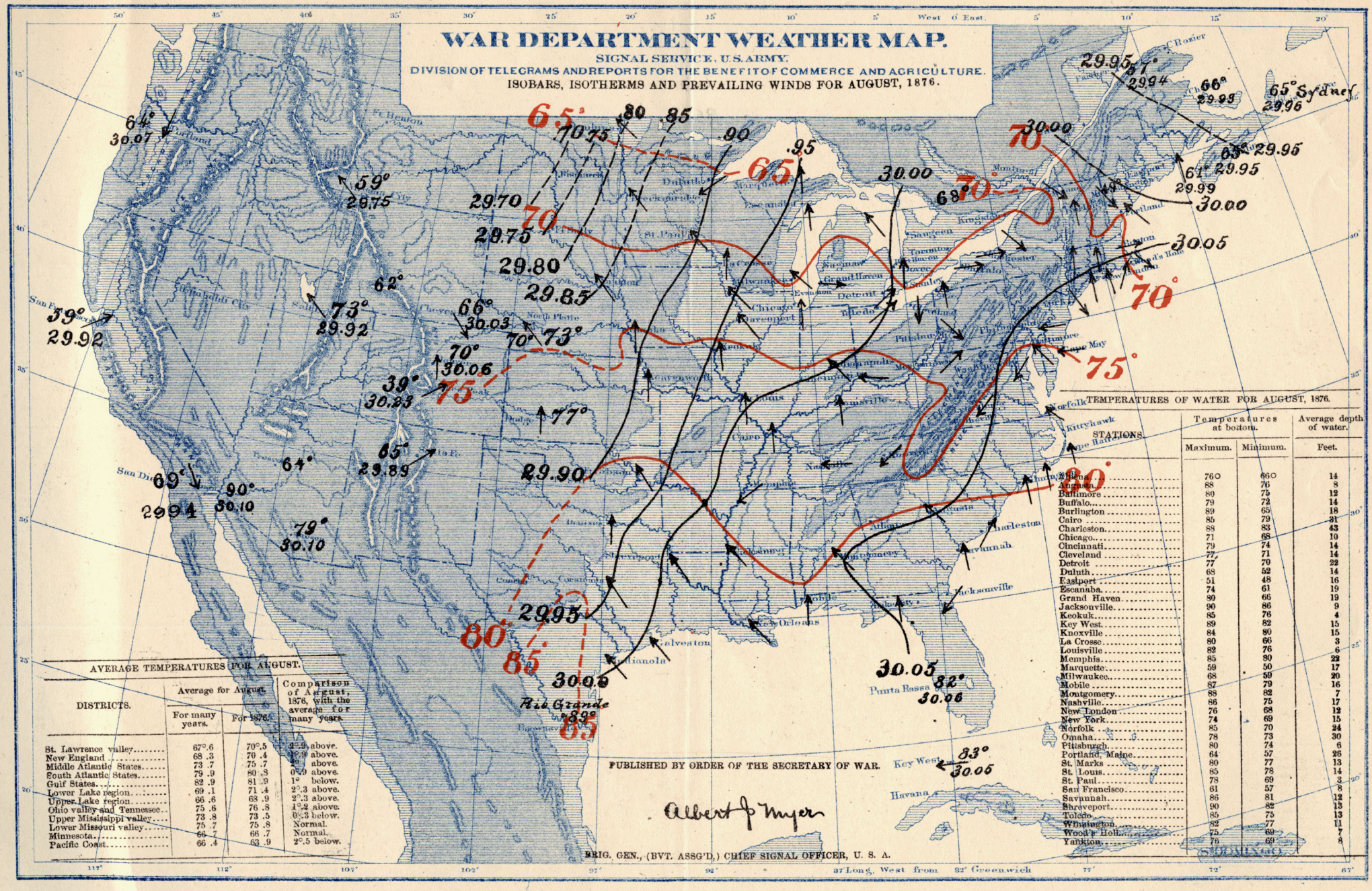
# WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR AUGUST, 1876.

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## AVERAGE TEMPERATURES FOR AUGUST.

| DISTRICTS. | Average for August. For many years. | Average for August. For 1876. | Comparison of August, 1876, with the average for many years. |
|---|---|---|---|
| St. Lawrence valley | 67°.6 | 70°.5 | 2°.9 above. |
| New England | 68 .3 | 70 .4 | 2°.1 above. |
| Middle Atlantic States | 73 .7 | 75 .7 | 2° above. |
| South Atlantic States | 79 .9 | 80 .8 | 0°.9 above. |
| Gulf States | 82 .9 | 81 .9 | 1° below. |
| Lower Lake region | 69 .1 | 71 .4 | 2°.3 above. |
| Upper Lake region | 66 .6 | 68 .9 | 2°.3 above. |
| Ohio valley and Tennessee | 75 .6 | 76 .8 | 1°.2 above. |
| Upper Mississippi valley | 73 .8 | 73 .5 | 0°.3 below. |
| Lower Missouri valley | 75 .7 | 75 .8 | Normal. |
| Minnesota | 66 .7 | 66 .7 | Normal. |
| Pacific Coast | 66 .4 | 63 .9 | 2°.5 below. |

## TEMPERATURES OF WATER FOR AUGUST, 1876.

| STATIONS. | Temperatures at bottom. Maximum. | Temperatures at bottom. Minimum. | Average depth of water. Feet. |
|---|---|---|---|
| Albany | 76° | 66° | 14 |
| Augusta | 88 | 76 | 8 |
| Baltimore | 80 | 75 | 12 |
| Buffalo | 79 | 72 | 14 |
| Burlington | 89 | 65 | 18 |
| Cairo | 85 | 79 | 21 |
| Charleston | 88 | 83 | 43 |
| Chicago | 71 | 68 | 10 |
| Cincinnati | 79 | 74 | 14 |
| Cleveland | 77 | 71 | 14 |
| Detroit | 77 | 70 | 22 |
| Duluth | 68 | 52 | 14 |
| Eastport | 51 | 48 | 16 |
| Escanaba | 74 | 61 | 19 |
| Grand Haven | 80 | 66 | 19 |
| Jacksonville | 90 | 86 | 9 |
| Keokuk | 85 | 76 | 4 |
| Key West | 89 | 82 | 15 |
| Knoxville | 84 | 80 | 15 |
| La Crosse | 80 | 66 | 3 |
| Louisville | 82 | 76 | 6 |
| Memphis | 85 | 80 | 22 |
| Marquette | 59 | 50 | 17 |
| Milwaukee | 68 | 59 | 20 |
| Mobile | 87 | 79 | 16 |
| Montgomery | 88 | 82 | 7 |
| Nashville | 86 | 75 | 17 |
| New London | 76 | 68 | 12 |
| New York | 74 | 69 | 15 |
| Norfolk | 85 | 70 | 24 |
| Omaha | 78 | 73 | 30 |
| Pittsburgh | 80 | 74 | 6 |
| Portland, Maine | 64 | 57 | 26 |
| St. Marks | 80 | 77 | 13 |
| St. Louis | 85 | 78 | 14 |
| St. Paul | 78 | 69 | 3 |
| San Francisco | 61 | 57 | 8 |
| Savannah | 86 | 81 | 12 |
| Shreveport | 90 | 82 | 13 |
| Toledo | 85 | 75 | 13 |
| Wilmington | 82 | 77 | 11 |
| Wood's Holl | 75 | 69 | 7 |
| Yankton | 76 | 69 | 8 |