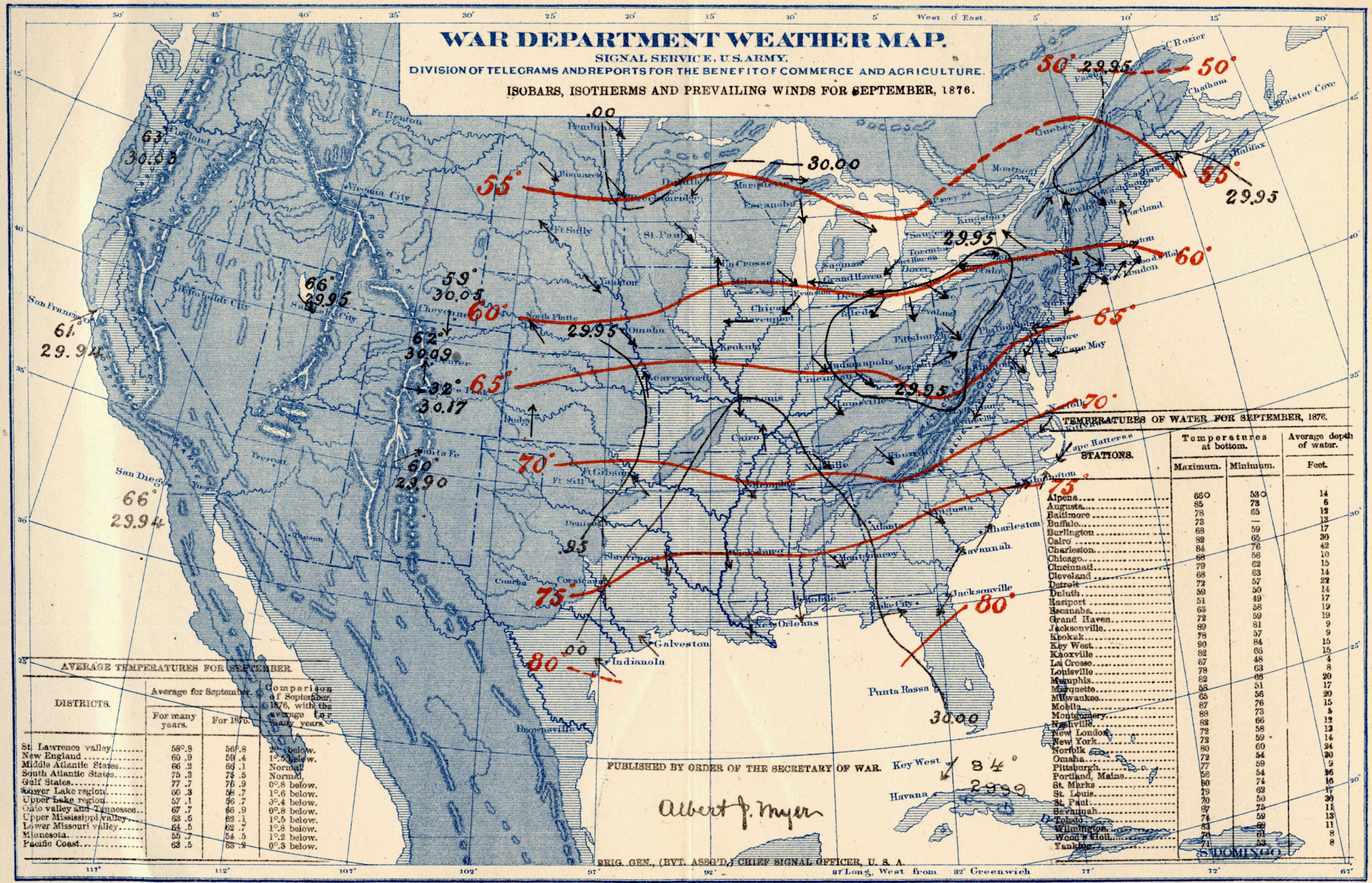
# WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR SEPTEMBER, 1876.




## AVERAGE TEMPERATURES FOR SEPTEMBER.

| DISTRICTS. | Average for September. For many years. | Average for September. For 1876. | Comparison of September, 1876, with the average for many years. |
|---|---|---|---|
| St. Lawrence valley | 58°.8 | 56°.8 | 2°.4 below. |
| New England | 60 .9 | 59 .4 | 1°.5 below. |
| Middle Atlantic States | 66 .2 | 66 .1 | Normal. |
| South Atlantic States | 75 .3 | 75 .5 | Normal. |
| Gulf States | 77 .7 | 76 .9 | 0°.8 below. |
| Lower Lake region | 66 .3 | 64 .7 | 1°.6 below. |
| Upper Lake region | 57 .1 | 56 .7 | 0°.4 below. |
| Ohio valley and Tennessee | 67 .7 | 66 .9 | 0°.8 below. |
| Upper Mississippi valley | 63 .6 | 62 .1 | 1°.5 below. |
| Lower Missouri valley | 64 .5 | 62 .7 | 1°.8 below. |
| Minnesota | 55 .7 | 54 .5 | 1°.2 below. |
| Pacific Coast | 63 .5 | 63 .2 | 0°.3 below. |

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## TEMPERATURES OF WATER FOR SEPTEMBER, 1876.

| STATIONS. | Temperatures at bottom. Maximum. | Minimum. | Average depth of water. Feet. |
|---|---|---|---|
| Alpena | 66° | 53° | 14 |
| Augusta | 85 | 73 | 6 |
| Baltimore | 78 | 65 | 13 |
| Buffalo | 73 | — | 13 |
| Burlington | 68 | 59 | 17 |
| Cairo | 82 | 65 | 30 |
| Charleston | 84 | 76 | 42 |
| Chicago | 68 | 58 | 10 |
| Cincinnati | 79 | 62 | 15 |
| Cleveland | 68 | 63 | 14 |
| Detroit | 72 | 57 | 22 |
| Duluth | 59 | 50 | 14 |
| Eastport | 51 | 49 | 17 |
| Escanaba | 63 | 58 | 19 |
| Grand Haven | 72 | 59 | 19 |
| Jacksonville | 89 | 81 | 9 |
| Keokuk | 78 | 57 | 9 |
| Key West | 90 | 84 | 15 |
| Knoxville | 82 | 66 | 15 |
| La Crosse | 67 | 48 | 4 |
| Louisville | 78 | 63 | 8 |
| Memphis | 82 | 68 | 20 |
| Marquette | 58 | 51 | 17 |
| Milwaukee | 65 | 56 | 20 |
| Mobile | 87 | 76 | 15 |
| Montgomery | 88 | 73 | 5 |
| Nashville | 82 | 66 | 13 |
| New London | 72 | 58 | 13 |
| New York | 72 | 59 | 14 |
| Norfolk | 80 | 69 | 24 |
| Omaha | 72 | 54 | 30 |
| Pittsburgh | 77 | 59 | 9 |
| Portland, Maine | 68 | 54 | 36 |
| St. Marks | 80 | 74 | 16 |
| St. Louis | 79 | 62 | 17 |
| St. Paul | 70 | 50 | 30 |
| Savannah | 87 | 75 | 11 |
| Toledo | 74 | 59 | 13 |
| Wilmington | 83 | 68 | 11 |
| Wood's Holl | 70 | 61 | 8 |
| Yankton | 71 | 53 | 8 |

97° Long. West from 32° Greenwich