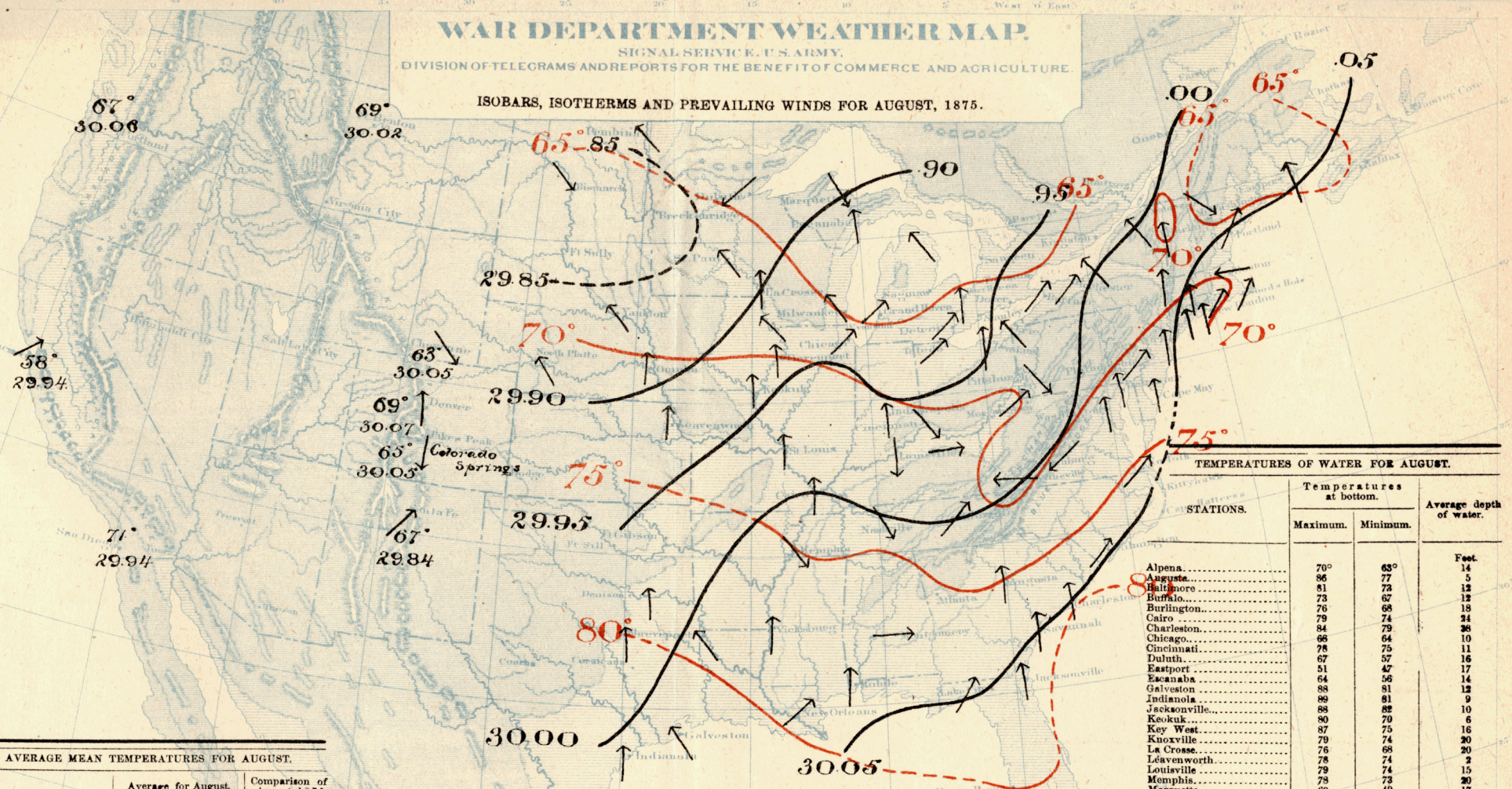
# WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U. S. ARMY.

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

ISOBARS, ISOTHERMS AND PREVAILING WINDS FOR AUGUST, 1875.




## AVERAGE MEAN TEMPERATURES FOR AUGUST.

| DISTRICTS. | Average for August. | | Comparison of August, 1875, with the average for many years. |
|---|---|---|---|
| | For many years. | For 1875. | |
| St. Lawrence valley | 68°.0 | 67°.5 | 0°.5 below. |
| New England | 68 .3 | 69 .8 | 1°.5 above. |
| Middle Atlantic States | 73 .7 | 73 .1 | 0°.6 below. |
| South Atlantic States | 79 .9 | 77 .7 | 2°.2 below. |
| Gulf States | 82 .9 | 79 .7 | 3°.2 below. |
| Lower Lake region | 69 .1 | 67 .2 | 1°.9 below. |
| Upper Lake region | 66 .6 | 63 .9 | 2°.5 below. |
| Ohio valley and Tennessee | 75 .6 | 72 .2 | 3°.4 below. |
| Upper Mississippi valley | 73 .8 | 69 .8 | 4°.0 below. |
| Lower Missouri valley | 75 .7 | 71 .1 | 4°.6 below. |
| Minnesota | 66 .7 | 65 .5 | 1°.2 below. |
| Pacific Coast | 66 .4 | 65 .3 | 1°.1 below. |

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BRIG. GEN. (BVT. ASSG'D) CHIEF SIGNAL OFFICER, U. S. A.

## TEMPERATURES OF WATER FOR AUGUST.

| STATIONS. | Temperatures at bottom. | | Average depth of water. |
|---|---|---|---|
| | Maximum. | Minimum. | |
| | | | Feet. |
| Alpena | 70° | 63° | 14 |
| Auguste | 86 | 77 | 5 |
| Baltimore | 81 | 73 | 12 |
| Buffalo | 73 | 67 | 12 |
| Burlington | 76 | 68 | 18 |
| Cairo | 79 | 74 | 24 |
| Charleston | 84 | 79 | 38 |
| Chicago | 66 | 64 | 10 |
| Cincinnati | 78 | 75 | 11 |
| Duluth | 67 | 57 | 16 |
| Eastport | 51 | 47 | 17 |
| Escanaba | 64 | 56 | 14 |
| Galveston | 88 | 81 | 12 |
| Indianola | 89 | 81 | 9 |
| Jacksonville | 88 | 82 | 10 |
| Keokuk | 80 | 70 | 6 |
| Key West | 87 | 75 | 16 |
| Knoxville | 79 | 74 | 20 |
| La Crosse | 76 | 68 | 20 |
| Leavenworth | 78 | 74 | 2 |
| Louisville | 79 | 74 | 15 |
| Memphis | 78 | 73 | 20 |
| Marquette | 60 | 49 | 17 |
| Milwaukee | 63 | 57 | 12 |
| Mobile | 86 | 79 | 15 |
| Montgomery | 86 | 79 | 5 |
| Nashville | 81 | 74 | 20 |
| New London | 75 | 64 | 12 |
| New York | 74 | 70 | 16 |
| Norfolk | 84 | 71 | 24 |
| Omaha | 76 | 71 | 25 |
| Pittsburgh | 74 | 59 | 9 |
| Portland, Maine | 60 | 58 | 26 |
| St. Marks | 90 | 70 | 16 |
| St. Louis | 80 | 74 | 19 |
| Savannah | 85 | 76 | 10 |
| Shreveport | 86 | 77 | 18 |
| Toledo | 80 | 65 | 10 |
| Wilmington | 87 | 76 | 12 |
| Wood's Hole | 74 | 72 | 8 |
| Yankton | 82 | 71 | 10 |