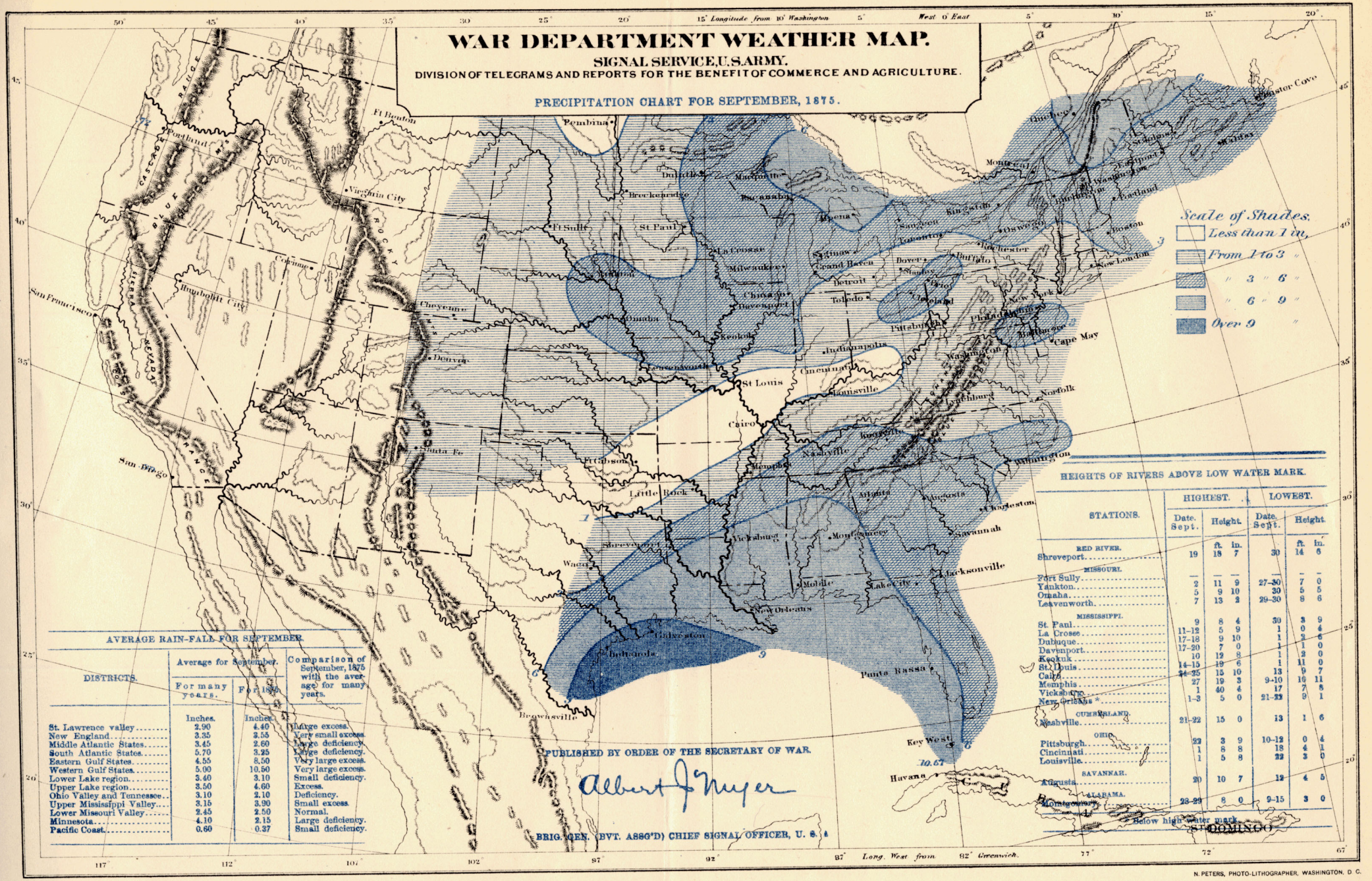
# WAR DEPARTMENT WEATHER MAP.

SIGNAL SERVICE, U.S. ARMY.

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

## PRECIPITATION CHART FOR SEPTEMBER, 1875.




### AVERAGE RAIN-FALL FOR SEPTEMBER.

| DISTRICTS. | Average for September. For many years. | Average for September. For 1875. | Comparison of September, 1875 with the average for many years. |
|---|---|---|---|
| | Inches. | Inches. | |
| St. Lawrence valley | 2.90 | 4.40 | Large excess. |
| New England | 3.35 | 3.55 | Very small excess. |
| Middle Atlantic States | 3.45 | 2.60 | Large deficiency. |
| South Atlantic States | 5.70 | 3.25 | Large deficiency. |
| Eastern Gulf States | 4.55 | 8.50 | Very large excess. |
| Western Gulf States | 5.00 | 10.50 | Very large excess. |
| Lower Lake region | 3.40 | 3.10 | Small deficiency. |
| Upper Lake region | 3.50 | 4.60 | Excess. |
| Ohio Valley and Tennessee | 3.10 | 2.10 | Deficiency. |
| Upper Mississippi Valley | 3.15 | 3.90 | Small excess. |
| Lower Missouri Valley | 2.45 | 2.50 | Normal. |
| Minnesota | 4.10 | 2.15 | Large deficiency. |
| Pacific Coast | 0.60 | 0.37 | Small deficiency. |

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Albert J. Myer

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

### HEIGHTS OF RIVERS ABOVE LOW WATER MARK.

| STATIONS. | HIGHEST. Date. Sept. | HIGHEST. Height. ft. | HIGHEST. Height. in. | LOWEST. Date. Sept. | LOWEST. Height. ft. | LOWEST. Height. in. |
|---|---|---|---|---|---|---|
| RED RIVER. | | | | | | |
| Shreveport | 19 | 18 | 7 | 30 | 14 | 6 |
| MISSOURI. | | | | | | |
| Fort Sully | — | — | — | — | — | — |
| Yankton | 2 | 11 | 9 | 27–30 | 7 | 0 |
| Omaha | 5 | 9 | 10 | 30 | 5 | 5 |
| Leavenworth | 7 | 13 | 2 | 29–30 | 8 | 6 |
| MISSISSIPPI. | | | | | | |
| St. Paul | 9 | 8 | 4 | 30 | 3 | 9 |
| La Crosse | 11–12 | 5 | 9 | 1 | 0 | 4 |
| Dubuque | 17–18 | 9 | 10 | 1 | 2 | 6 |
| Davenport | 17–30 | 7 | 0 | 1 | 1 | 0 |
| Keokuk | 10 | 12 | 8 | 1 | 2 | 0 |
| St. Louis | 14–15 | 19 | 6 | 1 | 11 | 0 |
| Cairo | 24–25 | 15 | 10 | 13 | 9 | 7 |
| Memphis | 27 | 19 | 3 | 9–10 | 10 | 11 |
| Vicksburg | 1 | 40 | 4 | 17 | 7 | 8 |
| New Orleans * | 1–3 | 5 | 0 | 21–22 | 9 | 1 |
| CUMBERLAND. | | | | | | |
| Nashville | 21–22 | 15 | 0 | 13 | 1 | 6 |
| OHIO. | | | | | | |
| Pittsburgh | 22 | 3 | 9 | 10–12 | 0 | 4 |
| Cincinnati | 1 | 8 | 8 | 18 | 4 | 1 |
| Louisville | 1 | 5 | 8 | 22 | 3 | 0 |
| SAVANNAH. | | | | | | |
| Augusta | 20 | 10 | 7 | 12 | 4 | 5 |
| ALABAMA. | | | | | | |
| Montgomery | 28–29 | 8 | 0 | 9–15 | 3 | 0 |

* Below high water mark.

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