No. III.

AVERAGE PRECIPITATION FOR FEBRUARY.

| DISTRICTS. | Average for February. For many years. | Average for February. For 1878. | Comparison of February, 1878, with the average for many years. |
|---|---|---|---|
| | Inches. | Inches. | |
| St. Lawrence valley | 3.08 | 1.75 | 1.33 deficiency. |
| New England | 3.10 | 3.34 | 0.24 excess. |
| Middle Atlantic States | 3.45 | 2.20 | 1.25 deficiency. |
| South Atlantic States | 3.35 | 3.18 | 0.17 deficiency. |
| Eastern Gulf States | 4.25 | 3.01 | 1.24 deficiency. |
| Western Gulf States | 3.80 | 3.52 | 0.28 deficiency. |
| Lower Lake region | 2.60 | 2.98 | 0.38 excess. |
| Upper Lake region | 1.75 | 1.72 | 0.03 deficiency. |
| Ohio Valley | 3.33 | 1.83 | 1.50 deficiency. |
| Tennessee | 4.91 | 2.73 | 2.18 deficiency. |
| Upper Mississippi Valley | 1.50 | 1.47 | 0.03 deficiency. |
| Lower Missouri Valley | 1.55 | 1.59 | 0.04 deficiency. |
| Minnesota | 0.70 | 0.36 | 0.34 deficiency. |
| California Coast | 2.55 | 8.67 | 6.12 excess. |
| Portland, Or. | 6.89 | 12.16 | 5.27 excess. |

HEIGHTS OF RIVERS ABOVE LOW-WATER MARK, FEB., 1878.

| STATIONS. | Danger point on gauge. | | Highest water. Date. | Highest water. Height. | | Lowest water. Date. | Lowest water. Height. | |
|---|---|---|---|---|---|---|---|---|
| | ft. | in. | Feb. | ft. | in. | Feb. | ft. | in. |
| RED RIVER. | | | | | | | | |
| Shreveport | 29 | 9 | 1 | 26 | 3 | 27, 28 | 22 | 9 |
| MISSOURI. | | | | | | | | |
| Yankton‡ | 20 | 0 | 21 | 5 | 5 | 28 | 4 | 8 |
| Omaha‡ | 16 | 0 | 15, 18 | 7 | 1 | 21, 23 | 5 | 11 |
| Leavenworth | 21 | 0 | 23 | 7 | 4 | 6 | 4 | 8 |
| MISSISSIPPI. | | | | | | | | |
| St. Paul‡ | 14 | 6 | — | — | — | — | — | — |
| La Crosse | 18 | 0 | 21 | 1 | 8 | 28 | 0 | 1 |
| Dubuque | 21 | 10 | 1 | 5 | 8 | 28 | 3 | 0 |
| Davenport | 15 | 0 | 1-4, 24-26 | 3 | 0 | 9, 10 | 2 | 1 |
| Keokuk | 14 | 6 | 24 | 5 | 1 | 12 | 1 | 9 |
| St. Louis | 30 | 0 | 26 | 19 | 3 | 8 | 10 | 9 |
| Cairo | 40 | 0 | 27, 28 | 32 | 11 | 10, 11 | 25 | 2 |
| Memphis | 34 | 0 | 28 | 25 | 9 | 1 | 17 | 2 |
| Vicksburg | 41 | 0 | 28 | 36 | 7 | 2 | 29 | 6 |
| New Orleans* | —2 | 6 | 27 | —5 | 0 | 7 | —8 | 9 |
| CUMBERLAND. | | | | | | | | |
| Nashville | 42 | 0 | 1 | 20 | 10 | 20 | 9 | 0 |
| OHIO. | | | | | | | | |
| Pittsburgh | 20 | 0 | 24 | 14 | 10 | 7 | 8 | 8 |
| Cincinnati | 50 | 0 | 28 | 31 | 11 | 7 | 18 | 9 |
| Louisville | 24 | 0 | 15, 16 | 11 | 2 | 7 | 9 | 0 |
| SAVANNAH. | | | | | | | | |
| Augusta | — | — | 1 | 21 | 4 | 22 | 6 | 0 |
| MONONGAHELA. | | | | | | | | |
| Morgantown | 23 | 0 | 11 | 4 | 2 | 8 | 1 | 10 |
| Pittsburgh | 20 | 0 | 8 | | | — | — | — |
| ALABAMA. | | | | | | | | |
| Montgomery | — | — | | | | 19, 20 | 11 | 0 |

*Below high water mark of 1874. ‡ River frozen over.