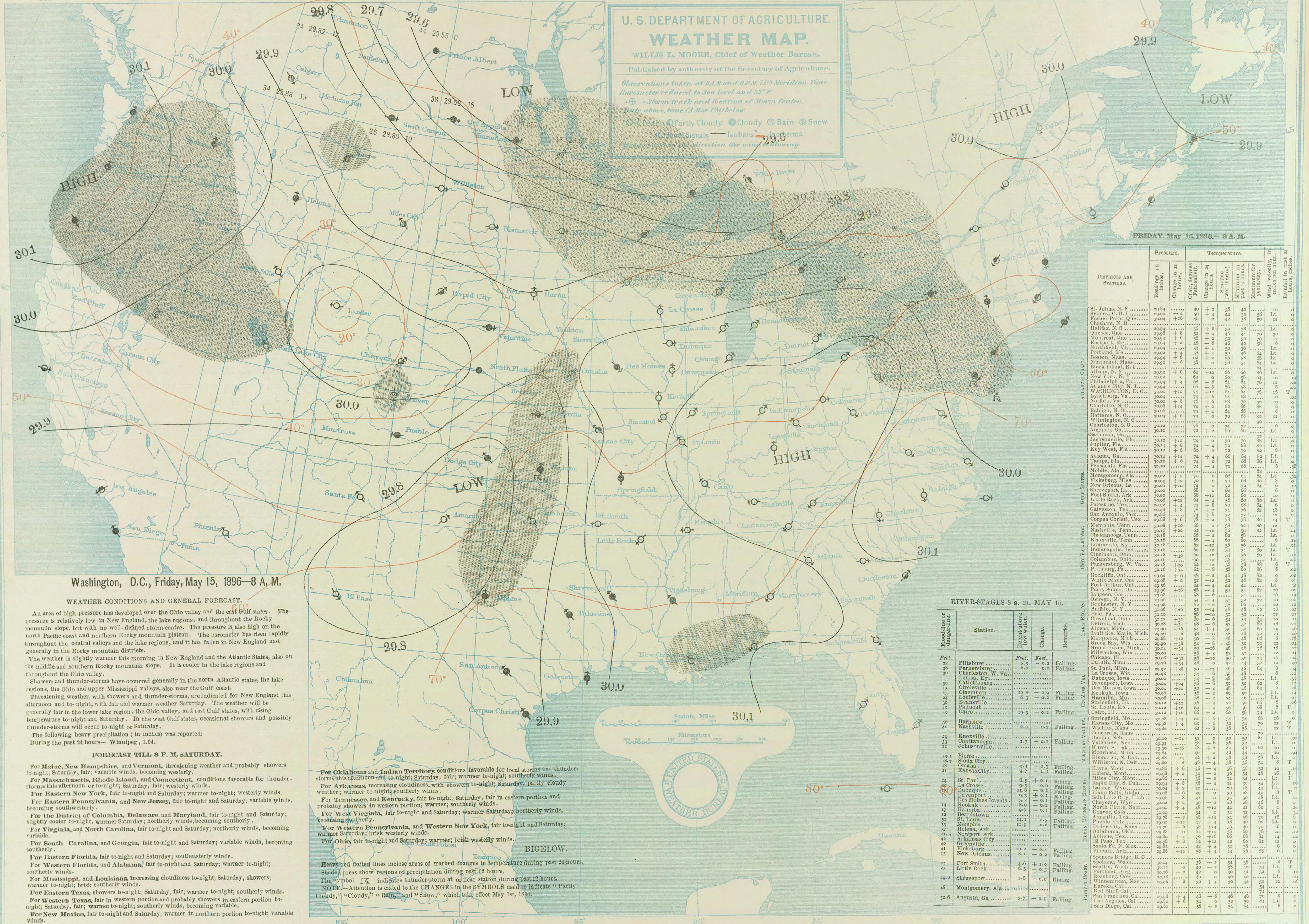
Form Map C—1896.




## Washington, D.C., Friday, May 15, 1896—8 A. M.

### WEATHER CONDITIONS AND GENERAL FORECAST.

An area of high pressure has developed over the Ohio valley and the east Gulf states. The pressure is relatively low in New England, the lake regions, and throughout the Rocky mountain slope, but with no well-defined storm-centre. The pressure is also high on the north Pacific coast and northern Rocky mountain plateau. The barometer has risen rapidly throughout the central valleys and the lake regions, and it has fallen in New England and generally in the Rocky mountain districts.

The weather is slightly warmer this morning in New England and the Atlantic States, also on the middle and southern Rocky mountain slope. It is cooler in the lake regions and throughout the Ohio valley.

Showers and thunder-storms have occurred generally in the north Atlantic states, the lake regions, the Ohio and upper Mississippi valleys, also near the Gulf coast.

Threatening weather, with showers and thunder-storms, are indicated for New England this afternoon and to-night, with fair and warmer weather Saturday. The weather will be generally fair in the lower lake region, the Ohio valley, and east Gulf states, with rising temperature to-night and Saturday. In the west Gulf states, occasional showers and possibly thunder-storms will occur to-night or Saturday.

The following heavy precipitation (in inches) was reported:

During the past 24 hours— Winnipeg, 1.04.

### FORECAST TILL 8 P. M. SATURDAY.

For **Maine, New Hampshire,** and **Vermont,** threatening weather and probably showers to-night; Saturday, fair; variable winds, becoming westerly.

For **Massachusetts, Rhode Island,** and **Connecticut,** conditions favorable for thunder-storms this afternoon or to-night; Saturday, fair; westerly winds.

For **Eastern New York,** fair to-night and Saturday; warmer to-night; westerly winds.

For **Eastern Pennsylvania,** and **New Jersey,** fair to-night and Saturday; variable winds, becoming southwesterly.

For **the District of Columbia, Delaware,** and **Maryland,** fair to-night and Saturday; slightly cooler to-night, warmer Saturday; northerly winds, becoming southerly.

For **Virginia,** and **North Carolina,** fair to-night and Saturday; northerly winds, becoming variable.

For **South Carolina,** and **Georgia,** fair to-night and Saturday; variable winds, becoming southerly.

For **Eastern Florida,** fair to-night and Saturday; southeasterly winds.

For **Western Florida,** and **Alabama,** fair to-night and Saturday; warmer to-night; southerly winds.

For **Mississippi,** and **Louisiana** increasing cloudiness to-night; Saturday, showers; warmer to-night; brisk southerly winds.

For **Eastern Texas,** showers to-night; Saturday, fair; warmer to-night; southerly winds.

For **Western Texas,** fair in western portion and probably showers in eastern portion to-night; Saturday, fair; warmer to-night; southerly winds, becoming variable.

For **New Mexico,** fair to-night and Saturday; warmer in northern portion to-night; variable winds.

For **Oklahoma** and **Indian Territory,** conditions favorable for local storms and thunder-storms this afternoon and to-night; Saturday, fair; warmer to-night; southerly winds.

For **Arkansas,** increasing cloudiness, with showers to-night; Saturday, partly cloudy weather; warmer to-night; southerly winds.

For **Tennessee,** and **Kentucky,** fair to-night; Saturday, fair in eastern portion and probably showers in western portion; warmer; southerly winds.

For **West Virginia,** fair to-night and Saturday; warmer Saturday; northerly winds, becoming southerly.

For **Western Pennsylvania,** and **Western New York,** fair to-night and Saturday; warmer Saturday; brisk westerly winds.

For **Ohio,** fair to-night and Saturday; warmer; brisk westerly winds.

BIGELOW.

Heavy red dotted lines inclose areas of marked changes in temperature during past 24 hours.
Shaded areas show regions of precipitation during past 12 hours.
The symbol ⌐⚡ indicates thunder-storm at or near station during past 12 hours.
NOTE.—Attention is called to the CHANGES in the SYMBOLS used to indicate "Partly Cloudy," "Cloudy," "Rain," and "Snow," which take effect May 1st, 1896.

### RIVER-STAGES 8 a. m. MAY 15.

| Flood-line or danger-line. | Station. | Height above low water. | Change. | Remarks. |
|---|---|---|---|---|
| *Feet.* | | *Feet.* | *Feet.* | |
| 22 | Pittsburg | 5.9 | −0.2 | Falling. |
| 38 | Parkersburg | 6.2 | 0.0 | Falling. |
| 30 | Charleston, W. Va. | ...... | ...... | |
| | Louisa, Ky | ...... | ...... | |
| 50 | Catlettsburg | ...... | ...... | |
| 13 | Circleville | ...... | ...... | |
| 45 | Cincinnati | 10.8 | −0.9 | Falling. |
| 24 | Louisville | 6.3 | −0.2 | Falling. |
| 30 | Evansville | ...... | ...... | |
| 40 | Paducah | ...... | ...... | |
| 40 | Cairo | 19.3 | −0.2 | Falling. |
| 50 | Burnside | ...... | ...... | |
| 40 | Nashville | 2.9 | −0.2 | Falling. |
| 29 | Knoxville | ...... | ...... | |
| 33 | Chattanooga | 2.7 | −0.1 | Falling. |
| 21 | Johnsonville | ...... | ...... | |
| 13.1 | Pierre | ...... | ...... | |
| 18.7 | Sioux City | ...... | ...... | |
| 18 | Omaha | 9.4 | −0.3 | Falling. |
| 21 | Kansas City | 9.7 | −1.9 | Falling. |
| 14 | St. Paul | 8.5 | +0.1 | Rising. |
| 16 | La Crosse | 9.3 | 0.0 | Falling. |
| 15 | Dubuque | 11.8 | −0.2 | Falling. |
| 15 | Davenport | 9.3 | +0.1 | Rising. |
| | Des Moines Rapids | 5.2 | −0.1 | Falling. |
| 14 | Keokuk | 8.9 | −0.2 | Falling. |
| 17 | Hannibal | 9.7 | −0.1 | Falling. |
| 12 | Beardstown | ...... | ...... | |
| 30 | St. Louis | 14.1 | −0.5 | Falling. |
| 33 | Memphis | 11.9 | 0.0 | Falling. |
| 37 | Helena, Ark | ...... | ...... | |
| 21.5 | Newport, Ark | ...... | ...... | |
| 42 | Arkansas City | ...... | ...... | |
| 40 | Greenville | ...... | ...... | |
| 41 | Vicksburg | 20.2 | −0.4 | Falling. |
| 13 | New Orleans | 8.1 | −0.2 | Falling. |
| 22 | Fort Smith | 4.6 | +1.0 | Falling. |
| 23 | Little Rock | 6.5 | −0.3 | Falling. |
| 29.2 | Shreveport | 1.8 | 0.0 | Rising. |
| 48 | Montgomery, Ala | ...... | ...... | |
| 32.6 | Augusta, Ga | 5.7 | −0.1 | Falling. |

### FRIDAY. May 15, 1896.—8 A. M.

| Districts and Stations. | Pressure: Readings in inches. | Pressure: Change in 12 hours. | Temperature: Of air, degrees Fahrenheit. | Temperature: Change in 24 hours. | Temperature: Sensible (wet therm.). | Temperature: Minimum in past 12 hours. | Temperature: Maximum for yesterday. | Wind velocity, in miles per hour. | Rainfall in past 24 hours, inches. |
|---|---|---|---|---|---|---|---|---|---|
| **Atlantic Coast.** | | | | | | | | | |
| St. Johns, N. F. | 29.84 | ...... | 40 | +2 | 38 | 40 | ...... | 16 | 0 |
| Sydney, C. B. I. | 29.90 | −2 | 50 | +4 | 44 | 30 | 56 | Lt. | 0 |
| Father Point, Que. | 30.04 | +16 | 46 | 0 | 42 | 38 | 50 | 12 | 0 |
| Chatham, N. B. | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| Halifax, N. S | 29.94 | ...... | 56 | +8 | 50 | 38 | ...... | Lt. | 0 |
| Quebec, Que | 29.98 | +8 | 52 | +4 | 46 | 44 | 70 | 30 | 0 |
| Montreal, Que | 29.94 | +6 | 58 | +2 | 52 | 50 | 70 | 12 | 0 |
| Eastport, Me. | 29.94 | +2 | 48 | −6 | 46 | 40 | 58 | 6 | 0 |
| Northfield, Vt. | 29.94 | ...... | 54 | +4 | 50 | 36 | ...... | Lt. | 0 |
| Portland, Me | 29.92 | +4 | 58 | +4 | 50 | 46 | 64 | Lt. | 0 |
| Boston, Mass. | 29.94 | +6 | 62 | +2 | 56 | 58 | 68 | Lt. | 0 |
| Nantucket, Mass | 29.92 | −6 | 58 | 0 | 58 | 54 | 64 | Lt. | 0 |
| Block Island, R. I. | ...... | ...... | ...... | ...... | ...... | ...... | 64 | ...... | ...... |
| Albany, N. Y | 29.92 | +6 | 64 | +10 | 60 | 60 | 80 | Lt. | 0 |
| New York, N. Y | 29.92 | 0 | 60 | 0 | 60 | 58 | 64 | 10 | .14 |
| Philadelphia, Pa. | 29.94 | +4 | 68 | +6 | 64 | 64 | 76 | 12 | .28 |
| Atlantic City, N. J. | 29.94 | ...... | 66 | +8 | 66 | 58 | ...... | 8 | .26 |
| WASHINGTON, D. C. | 30.00 | +10 | 74 | +12 | 64 | 64 | 78 | 16 | T. |
| Lynchburg, Va | 30.04 | ...... | 74 | +6 | 64 | 68 | ...... | 6 | .01 |
| Norfolk, Va | 30.00 | +8 | 76 | +6 | 68 | 70 | 90 | 10 | 0 |
| Charlotte, N. C | 30.06 | +14 | 74 | +2 | 62 | 66 | 88 | 6 | 0 |
| Raleigh, N. C. | 30.06 | ...... | 74 | +4 | 64 | 68 | ...... | 6 | 0 |
| Hatteras, N. C. | 30.04 | +6 | 74 | 0 | 70 | 68 | 82 | 12 | 0 |
| Wilmington, N. C | ...... | ...... | ...... | ...... | ...... | ...... | 90 | ...... | ...... |
| Charleston, S. C | 30.12 | ...... | 76 | 0 | 74 | 72 | ...... | 6 | 0 |
| Augusta, Ga | 30.10 | ...... | 72 | +2 | 66 | 66 | ...... | Lt. | 0 |
| Savannah, Ga | ...... | ...... | ...... | ...... | ...... | ...... | 92 | ...... | ...... |
| Jacksonville, Fla | 30.12 | +12 | 74 | 0 | 70 | 70 | 88 | Lt. | 0 |
| Jupiter, Fla | 30.14 | +8 | 74 | −4 | 70 | 68 | 82 | Lt. | 0 |
| Key West, Fla | 30.12 | +8 | 80 | 0 | 72 | 76 | 82 | 8 | 0 |
| **Gulf States.** | | | | | | | | | |
| Atlanta, Ga | 30.14 | +14 | 74 | +4 | 66 | 64 | 82 | Lt. | 0 |
| Tampa, Fla | 30.12 | +6 | 74 | 0 | 72 | 68 | 86 | Lt. | 0 |
| Pensacola, Fla | 30.10 | ...... | 74 | −4 | 70 | 66 | ...... | 6 | .58 |
| Mobile, Ala | ...... | ...... | ...... | ...... | ...... | ...... | 82 | ...... | ...... |
| Montgomery, Ala | 30.02 | +2 | 70 | 0 | 68 | 64 | 84 | Lt. | .32 |
| Vicksburg, Miss | 30.04 | +12 | 70 | 0 | 70 | 68 | 86 | 8 | 0 |
| New Orleans, La | 30.06 | +10 | 74 | 0 | 72 | 72 | 84 | 6 | .12 |
| Shreveport, La | 30.00 | ...... | 68 | 0 | 64 | 66 | ...... | 6 | 0 |
| Fort Smith, Ark | 30.02 | ...... | 68 | +10 | 60 | 60 | ...... | 10 | 0 |
| Little Rock, Ark | 30.08 | +12 | 64 | +4 | 58 | 60 | 80 | Lt. | 0 |
| Palestine, Tex | 29.92 | +4 | 72 | +8 | 70 | 68 | 84 | 6 | 0 |
| Galveston, Tex | 29.98 | +8 | 78 | +2 | 74 | 76 | 82 | 18 | 0 |
| San Antonio, Tex | 29.86 | ...... | 74 | +6 | 72 | 72 | ...... | 12 | 0 |
| Corpus Christi, Tex | 29.88 | +6 | 78 | +2 | 78 | 78 | 80 | 14 | T. |
| **Ohio Val. & Tenn.** | | | | | | | | | |
| Memphis, Tenn | 30.08 | +10 | 66 | 0 | 58 | 62 | 80 | 12 | 0 |
| Nashville, Tenn | 30.16 | +20 | 62 | −10 | 56 | 56 | 82 | Lt. | .04 |
| Chattanooga, Tenn | 30.18 | ...... | 66 | −2 | 62 | 58 | ...... | Lt. | 0 |
| Knoxville, Tenn | 30.16 | ...... | 66 | −4 | 60 | 60 | ...... | 6 | .14 |
| Louisville, Ky | 30.18 | ...... | 62 | −12 | 56 | 56 | ...... | Lt. | .01 |
| Indianapolis, Ind | 30.16 | ...... | 60 | −10 | 54 | 54 | 80 | Lt. | T |
| Cincinnati, Ohio | 30.18 | +30 | 60 | −12 | 54 | 56 | 80 | Lt. | .16 |
| Columbus, Ohio | 30.16 | ...... | 60 | −10 | 56 | 54 | ...... | Lt. | .26 |
| Parkersburg, W. Va. | 30.18 | +30 | 62 | −12 | 56 | 58 | 88 | 6 | T. |
| Pittsburg, Pa | 30.16 | +34 | 62 | −8 | 58 | 60 | 86 | 6 | .02 |
| **Lake Region.** | | | | | | | | | |
| Rockliffe, Ont | 29.92 | +6 | 48 | −2 | 46 | 38 | 82 | 0 | .02 |
| White River, Ont | 29.68 | +2 | 52 | −12 | 52 | 48 | 82 | 8 | 0 |
| Port Arthur, Ont | 29.56 | ...... | 44 | −4 | 44 | 44 | ...... | Lt. | .34 |
| Parry Sound, Ont | 29.96 | +18 | 56 | −4 | 50 | 54 | 82 | 16 | .06 |
| Saugeen, Ont | 29.98 | ...... | 58 | −6 | ...... | 54 | ...... | 16 | .14 |
| Oswego, N. Y | 29.96 | +14 | 54 | −4 | 50 | 52 | 72 | 10 | .02 |
| Rochester, N. Y | 29.98 | ...... | 62 | −2 | 58 | 60 | ...... | 22 | .12 |
| Buffalo, N. Y | 30.06 | +26 | 52 | −14 | 48 | 48 | 82 | 18 | .01 |
| Erie, Pa | 30.10 | ...... | 58 | −10 | 50 | 52 | ...... | 12 | .01 |
| Cleveland, Ohio | 30.12 | +32 | 60 | −6 | 54 | 54 | 84 | 10 | .01 |
| Detroit, Mich | 30.08 | +34 | 58 | −6 | 52 | 52 | 80 | 18 | .20 |
| Alpena, Mich | 29.90 | +16 | 54 | +4 | 50 | 52 | 60 | 14 | .46 |
| Sault Ste. Marie, Mich. | 29.76 | +6 | 48 | −10 | 48 | 48 | 72 | 16 | .40 |
| Marquette, Mich | 29.68 | +12 | 50 | −8 | 48 | 48 | 66 | 8 | .26 |
| Green Bay, Wis | 29.90 | +38 | 54 | −8 | 48 | 50 | 70 | 22 | .04 |
| Grand Haven, Mich. | 30.04 | +34 | 50 | −16 | 48 | 46 | 76 | 18 | .02 |
| Milwaukee, Wis | 30.00 | ...... | 56 | +4 | 52 | 52 | ...... | 12 | .01 |
| Chicago, Ill | 30.08 | +32 | 56 | −10 | 50 | 50 | 74 | 16 | .02 |
| Duluth, Minn | 29.76 | +34 | 48 | 0 | 42 | 44 | 52 | 12 | .40 |
| **Up. Miss. Val.** | | | | | | | | | |
| St. Paul, Minn | 29.92 | +38 | 50 | −12 | 46 | 46 | 64 | 8 | .34 |
| La Crosse, Wis | 29.98 | ...... | 54 | −6 | 50 | 48 | ...... | 6 | .20 |
| Dubuque, Iowa | 30.02 | ...... | 54 | −8 | 48 | 48 | ...... | Lt. | .30 |
| Davenport, Iowa | 30.04 | +24 | 56 | −6 | 50 | 50 | 62 | 8 | .20 |
| Des Moines, Iowa | 30.04 | +20 | 50 | −4 | 48 | 48 | 64 | 6 | .26 |
| Keokuk, Iowa | 30.06 | ...... | 56 | −2 | 50 | 50 | ...... | Lt. | .14 |
| Hannibal, Mo | 30.08 | ...... | 58 | −2 | 54 | 46 | ...... | Lt. | 0 |
| Springfield, Ill | 30.12 | +22 | 56 | −4 | 52 | 50 | 66 | 6 | .06 |
| St. Louis, Mo | 30.12 | +16 | 60 | −2 | 56 | 56 | 68 | 6 | T. |
| Cairo, Ill | 30.12 | +16 | 66 | +2 | 60 | 58 | 74 | Lt. | 0 |
| **Missouri Valley.** | | | | | | | | | |
| Springfield, Mo | 30.08 | +14 | 60 | +6 | 54 | 54 | 68 | 16 | 0 |
| Kansas City, Mo | 29.98 | +4 | 60 | +6 | 52 | 54 | 70 | 12 | T. |
| Wichita, Kans | 29.82 | ...... | 62 | +8 | 58 | 58 | ...... | 12 | T. |
| Concordia, Kans | ...... | ...... | ...... | ...... | ...... | ...... | 70 | ...... | ...... |
| Omaha, Nebr | 30.00 | +14 | 52 | 0 | 50 | 50 | 64 | Lt. | .01 |
| Valentine, Nebr | 29.92 | ...... | 38 | −6 | 36 | 32 | ...... | Lt. | 0 |
| Huron, S. Dak | 29.90 | +18 | 48 | +2 | 44 | 40 | 62 | 10 | 0 |
| Moorhead, Minn | 29.84 | ...... | 46 | 0 | 42 | 44 | ...... | 10 | .94 |
| Bismarck, N. Dak | 29.88 | +14 | 42 | +2 | 38 | 38 | 58 | Lt. | 0 |
| Williston, N. Dak | 29.80 | +8 | 38 | −4 | 38 | 36 | 54 | 8 | T |
| **Rocky Mountain Slopes.** | | | | | | | | | |
| Havre, Mont | 29.86 | +6 | 36 | −4 | 36 | 36 | 52 | 10 | .10 |
| Helena, Mont | 29.98 | +2 | 34 | −2 | 30 | 34 | 46 | 16 | T. |
| Miles City, Mont | 29.86 | ...... | 36 | −2 | 34 | 34 | ...... | Lt. | T. |
| Rapid City, S. Dak | 29.94 | +8 | 36 | −4 | 34 | 30 | 54 | Lt. | .10 |
| Lander, Wyo | 30.04 | +2 | 20 | ...... | 20 | 18 | 44 | Lt. | .02 |
| Idaho Falls, Idaho | 29.98 | −6 | 30 | 0 | 30 | 28 | 40 | 8 | T. |
| Salt Lake City, Utah | 29.96 | −8 | 32 | 0 | 30 | 30 | 48 | Lt. | .12 |
| Cheyenne, Wyo | 30.02 | +2 | 30 | −2 | 28 | 28 | 46 | 8 | 0 |
| North Platte, Nebr. | 30.00 | +4 | 48 | +10 | 44 | 42 | 60 | 0 | .20 |
| Denver, Colo | 30.00 | ...... | 34 | 0 | 34 | 32 | ...... | Lt. | .34 |
| Amarillo, Tex | 29.78 | −2 | 58 | +14 | 54 | 56 | 70 | 18 | 0 |
| Pueblo, Colo | 29.92 | +12 | 42 | +4 | 38 | 40 | 60 | Lt. | 0 |
| Dodge City, Kans | 29.76 | −6 | 58 | +14 | 56 | 46 | 70 | 6 | 0 |
| Oklahoma, Okla | 29.88 | 0 | 62 | +10 | 58 | 60 | 78 | 20 | .12 |
| Abilene, Tex | 29.80 | +4 | 70 | +16 | 66 | 68 | 84 | 14 | .04 |
| El Paso, Tex | 29.78 | +8 | 62 | +12 | 42 | 60 | 82 | 12 | 0 |
| Santa Fe, N. Mex | 29.82 | ...... | 42 | +4 | 30 | 38 | ...... | 6 | 0 |
| Phœnix, Ariz | 29.86 | +22 | 58 | +4 | 44 | 56 | 88 | 6 | 0 |
| **Pacific Coast.** | | | | | | | | | |
| Spences Bridge, B. C. | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| Spokane, Wash | 30.04 | ...... | 36 | −2 | 34 | 36 | ...... | 8 | T. |
| Seattle, Wash | 30.12 | 0 | 40 | −2 | 38 | 40 | 54 | Lt. | T. |
| Portland, Oreg | 30.16 | −2 | 42 | 0 | 40 | 42 | 52 | 6 | .10 |
| Roseburg, Oreg | 30.18 | ...... | 40 | 0 | 40 | 40 | ...... | Lt. | .01 |
| Winnemucca, Nev | 29.96 | −8 | 32 | +4 | 30 | 32 | 50 | 12 | .06 |
| Eureka, Cal | ...... | ...... | ...... | ...... | ...... | ...... | 54 | ...... | ...... |
| Red Bluff, Cal | ...... | ...... | ...... | ...... | ...... | ...... | 72 | ...... | ...... |
| San Francisco, Cal | 29.98 | +4 | 48 | −6 | 46 | 48 | 70 | 8 | 0 |
| Los Angeles, Cal | 29.82 | +6 | 54 | 0 | 52 | 50 | 84 | Lt. | 0 |
| San Diego, Cal | 29.82 | ...... | 56 | +2 | 54 | 54 | ...... | 8 | 0 |