





CLIMATOLOGICAL DATA FOR MAY, 1935—Continued

Table with columns: Stations, Counties, Elevation, Length of record, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date, Greatest daily range), Precipitation (Total, Departure from normal, Greatest in 24 hours, Total snowfall), Number of days (With precipit on 0.01 inch or more, Clear, Partly cloudy, Cloudy), Prevailing direction of wind, Observers.

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining division and section means. + Also on other dates. † Received too late to be included in means and summaries. ‡ Evaporation station. †† Postoffice addresses of these stations are as follows: Deerfield [near], Lakin; Bazaar (near), Cottonwood Falls; Overbrook [near], Baldwin, RFD; Wagstaff, Paola, RFD; Hoisington, Great Bend, Star Route. T. indicates a trace or less than 0.005 inch. Reference marks \*, †, ††, etc., appearing in the table indicate number of days missing; for example † represents two days, etc.



Daily Precipitation for May, 1935 - Continued

Table with columns: Stations, Drainage-Basins, Day of month (1-31), Total. Rows include Middle Division (Lindsborg, Lyons, etc.) and Western Division (Ashland, Atwood, etc.)

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. \*\*\* Regular Weather Bureau station; precipitation is for the 24 hours, midnight to midnight. † Evaporation station. T. Trace, or less than 0.005 inch. ||| Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. § Incomplete. \* Precipitation included in next following measurement.

DAILY EVAPORATION--INCHES--AND WIND MOVEMENT--MILES--FOR MAY, 1935 ( See temperature and precipitation data in Climatological Tables. )

Table with columns: Stations, Data, Day of Month (1-31), Monthly. Row: Tribune. Data: Evaporation, Wind movement.

\* Included in next reading. § Incomplete. Wind velocity records in this table are made with 4-cup anemometers.

DAILY TEMPERATURES FOR MAY, 1935

Table with columns for Stations (1-31) and Mean, and rows for various locations including Atchison, Bazaar, Burlington, Chanute, Council Grove, Emporia, Eureka, Fort Scott, Fredonia, Horton, Independence, Iola, Lawrence, Leavenworth, Manhattan, Oketo, Olathe, Osage City, Ottawa, Parsons, Sedan, Topeka 1, Topeka 2, Valley Falls, Wamego, Kansas City, St. Joseph, Middle Division, Alton, Anthony, Belleville, Burr Oak, Clay Center, Coldwater, Concordial, Eldorado, Ellsworth, Greensburg, Hanover, Hays, Hutchinson, Larned, Lincoln, McPherson, Minneapolis, Newton, Norwich, Phillipsburg, Pratt, and Russell. Each station entry includes Maximum and Minimum temperature values for each day.

DAILY TEMPERATURES FOR MAY, 1935 - Continued

Table with columns for Stations, days 1-31, and Mean. Rows include Middle Division (Salina, Wichita, Winfield) and Western Division (Ashland, Atwood, Cimarron, Colby, Dodge City, Dresden, Garden City, Goodland, Healy, Hill City, Hoxie, Johnson, Lakin, Leoti, Liberal, Norton, Quinter, Richfield, St. Francis, Scott City, Sublette, Tribune, Wakeeney).

a, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from record. Temperatures given in this table are in each instance for the 24-hour period ending about sunset, except as otherwise stated. Regular Weather Bureau station; temperatures are for 24-hour period extending from midnight to midnight. Records of daily temperatures are also kept at the following stations: Centralia, Columbus, Eskridge, Lebo, Toronto, Alden, Bison, Chapman, Herington, Medicine Lodge, Plainville, Wellington, Elkhart, Jemore, Oakley, Oberlin and Ulysses. These are on file at the Weather Bureau Office, Topeka, Kansas. \*\* Temperatures at this place are for 24-hour period ending 8 a. m.

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28th; and Chanute 22.3 on the 21st and 27.3 on the 29th. At Parsons there were two overflows, also, one reaching a crest of 24.6 feet on the 21st and the other, beginning on the 29th, extended past the end of the month, with a stage of 27.3 feet on the 31st. At Oswego two overflows also occurred. One reached a crest of 22.8 on the 22d and the other, 24.9 on the 30th. Damage from these Neosho overflows was estimated at \$24,500. The Osage (Marais des Cygnes) River overflowed twice. The first overflow occurred below Ottawa, reaching a crest of 24.1 at LaCygnes on the 23d. The second began near the close of the month, reaching a crest of 36.6 at Quenemo on the 29th and 25.8 at Ottawa the following day. This crest did not arrive at LaCygnes until after the month had closed. Damage from these two Osage overflows was estimated at \$182,000, most of it occurring in the second overflow. The Kansas River overflowed slightly at Manhattan on the 28th with a crest of 18.2. At Lawrence a crest of 19.4 was reached on the 28-29th but no overflow occurred at Wamego, Topeka, or Bonner Springs. Little or no damage resulted from overflows of the Kansas River itself. However, serious damage occurred along two of its tributaries. Mill Creek in the vicinity of Paxico reached what was reported to be the highest stage in its history on the 28th, with damage estimated at \$147,500. The Delaware River reached a crest of 24.0 on the 28th at Valley Falls, with damage estimated at \$92,000. Considerable damage, not estimated, occurred along creeks emptying into the Kansas River. Overflows of the Marmaton in the vicinity of Ft. Scott near the close of the month caused a loss of \$10,000. A moderate overflow occurred along the Arkansas River from Great Bend to the Oklahoma line the last decade of the month and was more extensive from Hutchinson to North Wichita than elsewhere. The Little Arkansas also overflowed at Sedgwick the closing days of the month and the Walnut overflowed moderately at Winfield from the 15th to the 16th and again beginning on the 29th. Total damage from these overflows of the Arkansas and its tributaries in the State was estimated at \$172,600. The Verdigris reached a stage of 43.7 feet at Independence on the 30th, which is only 1.5 feet below the record high mark at that place. All the lowlands below Toronto were flooded and thousands of acres of wheat and corn were destroyed. The total damage, was estimated at \$170,000.

