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## Weather Information for Tribune

H. D. Bond

Kansas State University, [dbond@ksu.edu](mailto:dbond@ksu.edu)

R. Mai

Kansas State University, [rwmair@ksu.edu](mailto:rwmair@ksu.edu)

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# Weather Information for Tribune

## **Abstract**

In 2015, annual precipitation of 21.72 in. was recorded, which is 3.82 in. above normal. Seven months had above-normal precipitation. May (6.16 in.) was the wettest month. The largest single amount of precipitation was 1.86 in. on July 20. December, the driest month, only recorded 0.08 in. of precipitation.

## **Keywords**

Tribune Weather, 2015 weather

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## Weather Information for Tribune

*D. Bond and R. Mai*

In 2015, annual precipitation of 21.72 in. was recorded, which is 3.82 in. above normal. Seven months had above-normal precipitation. May (6.16 in.) was the wettest month. The largest single amount of precipitation was 1.86 in. on July 20. December, the driest month, only recorded 0.08 in. of precipitation.

Snowfall for the year totaled 21.1 in.; January, February, November, and December had 1.0, 5.3, 12.8, and 2.0 in., respectively, for a total of 36 days of snow cover. The longest consecutive period of snow cover, 21 days, occurred November 18 through December 8.

Record-high temperatures were recorded on 5 days: January 28 (79°F); February 7 (79°F) and 8 (79°F); March 17 (89°F); and October 12 (95°F). No record-high temperatures were tied. No record-low temperature were recorded or tied. July was the warmest month with a mean temperature of 77.2°F. The hottest days of the year (102°F) occurred on July 6 and 13. The coldest days of the year (-1°F) occurred on January 1 and 4; and February 24. January was the coldest month with a mean temperature of 32.2°F.

Mean air temperature was above normal for 9 months. September had the greatest departure above normal (6.5°F), and May had the greatest departure below normal (-2.7°F). Temperatures were 100°F or higher on 10 days, which is 1 day below normal. Temperatures were 90°F or higher on 71 days, which is 8 days above normal. The latest spring freeze was April 27, which is 9 days earlier than normal; the earliest fall freeze was October 29, which is 22 days later than normal. This produced a frost-free period of 185 days, which is 31 days more than the normal of 154 days.

Open-pan evaporation from April through September totaled 64.52 in., which is 6.88 in. below normal. Wind speed for this period averaged 4.4 mph, which is 0.9 mph less than normal

The 2015 climate information for Tribune is summarized in Table 1.

**Table 1. Climatic data, Southwest Research-Extension Center, Tribune, KS, 2015.**

Month	Precipitation (in.)		Monthly average temperatures (°F)						Wind (MPH)		Evaporation (in.)	
			2015		Normal		2015 extreme		2015	Normal	2015	Normal
	2015	Normal	Max	Min	Max	Min	Max	Min				
January	0.26	0.49	46.2	18.1	44.0	16.2	79	-1	---	---	---	---
February	0.63	0.52	50.0	17.8	47.5	19.4	79	-1	---	---	---	---
March	0.12	1.22	61.6	28.2	56.3	26.8	89	10	---	---	---	---
April	1.86	1.45	68.9	36.3	65.7	34.9	87	22	5.1	6.0	8.25	8.27
May	6.16	2.38	70.1	46.0	75.1	46.4	85	33	4.8	5.6	7.11	11.75
June	1.14	2.94	88.2	59.1	85.7	56.6	101	53	4.1	5.2	12.21	14.04
July	3.95	2.85	92.2	62.1	91.8	61.7	102	51	4.2	5.2	14.61	15.58
August	2.48	2.33	89.6	59.2	89.4	60.4	98	48	4.1	4.7	11.44	12.16
September	0.32	1.18	90.1	55.2	81.5	50.6	100	40	4.2	5.0	10.90	9.60
October	2.48	1.49	72.3	41.7	68.9	37.1	95	29	4.3*	4.5*	5.91*	6.09*
November	2.24	0.55	53.6	24.8	54.9	25.7	80	13	---	---	---	---
December	0.08	0.50	45.3	20.6	44.7	17.0	60	3	---	---	---	---
ANNUAL	21.72	17.90	69.1	39.2	67.1	37.7	102	-1	4.4	5.3	64.52	71.40

Normal latest freeze (32°F) in spring: May 6. In 2015: April 27.

Normal earliest freeze (32°F) in fall: October 7. In 2015: October 29.

Normal frost-free (>32°F) period: 154 days. In 2015: 185 days.

Normal for precipitation and temperature is 30-year average (1981–2010) from National Weather Service.

Normal for latest freeze, earliest freeze, wind, and evaporation is 30-year average (1981–2010) from Tribune weather data.

\* Normal for October wind and evaporation is 10-year average (2001–2010) from Tribune weather data; October not included in annual totals.