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Weather Information for Tribune

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Weather Information for Tribune

D. Bond and J. Slattery

In 2016, annual precipitation of 19.97 in. was recorded, which is 2.07 in. above normal. Six months had above-normal precipitation. April (5.16 in.) was the wettest month. The largest single amount of precipitation was 1.91 in. on August 7. January, the driest month, only recorded a trace of precipitation.

Snowfall for the year totaled 14.6 in. January, February, March, April, and December had a trace (T), 5.9, 0.8, 0.6, and 7.3 in., respectively, for a total of 17 days of snow cover. The longest consecutive period of snow cover, 7 days, occurred December 17 through December 23.

Record-high temperatures were recorded on 5 days: February 19 (88°F); March 23 (84°F); September 21 (97°F); and November 16 (79°F) and 17 (82°F). Record-high temperatures were tied on 4 days: February 28 (78°F); June 22 (104°F); October 28 (85°F); and November 1 (86°F). A record-low temperature was recorded on December 18 (-22°F). A record-low temperature was tied on November 19 (9°F). July was the warmest month, with a mean temperature of 77.6°F. The hottest day of the year (104°F) occurred on June 22. The coldest day of the year (-22°F) occurred on December 18. December was the coldest month, with a mean temperature of 25.7°F.

Mean air temperature was above normal for 9 months. February had the greatest departure above normal (6.3°F), and December had the greatest departure below normal (-5.2°F). Temperatures were 100°F or higher on 6 days, which is 5 days below normal. Temperatures were 90°F or higher on 67 days, which is 4 days above normal. The latest spring freeze was May 2, which is 4 days earlier than normal; the earliest fall freeze fell on the normal date of October 7. This produced a frost-free period of 158 days, which is 4 days more than the normal of 154 days.

Open-pan evaporation from April through September totaled 61.69 in., which is 9.71 in. below normal. Wind speed for this period averaged 4.6 mph, which is 0.7 mph less than normal.

The 2016 climate information for Tribune is summarized in Table 1.

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

Month	Precipitation (in.)		Monthly average temperatures (°F)						Wind (MPH)		Evaporation (in.)	
			2016		Normal		2016 extreme					
	2016	Normal	Max	Min	Max	Min	Max	Min	2016	Normal	2016	Normal
January	Trace	0.49	48.0	17.1	44.0	16.2	66	3	---	---	---	---
February	0.92	0.52	55.6	24.1	47.5	19.4	88	3	---	---	---	---
March	0.20	1.22	64.7	26.5	56.3	26.8	84	8	---	---	---	---
April	5.16	1.45	66.7	36.4	65.7	34.9	81	24	5.2	6.0	7.46	8.27
May	1.46	2.38	72.4	44.1	75.1	46.4	91	30	5.0	5.6	9.01	11.75
June	1.78	2.94	90.8	58.1	85.7	56.6	104	46	4.4	5.2	13.69	14.04
July	4.07	2.85	92.6	62.5	91.8	61.7	103	56	4.5	5.2	13.35	15.58
August	3.51	2.33	86.8	58.4	89.4	60.4	98	48	3.9	4.7	9.76	12.16
September	2.11	1.18	84.7	51.7	81.5	50.6	97	35	4.3	5.0	8.42	9.60
October	0.04	1.49	78.3	39.2	68.9	37.1	91	25	3.6*	4.5*	7.17*	6.09*
November	0.02	0.55	64.5	28.5	54.9	25.7	86	9	---	---	---	---
December	0.70	0.50	41.2	10.3	44.7	17.0	66	-22	---	---	---	---
Annual	19.97	17.90	70.5	38.1	67.1	37.7	104	-22	4.6	5.3	61.69	71.40

Max = maximum.

Min = minimum.

Normal latest freeze (32°F) in spring: May 6. In 2016: May 2.

Normal earliest freeze (32°F) in fall: October 7. In 2016: October 7.

Normal frost-free (>32°F) period: 154 days. In 2016: 158 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 was not included in annual totals.