

Weather Information for Tribune

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In 2018, annual precipitation of 19.81 in. was recorded, which is 1.91 in. above normal. Only five months had above-normal precipitation. October (3.42 in.) was the wettest month. The largest single amount of precipitation was 1.50 in. on August 7. March, the driest month, only recorded 0.25 in. of precipitation.

Snowfall for the year totaled 17.6 in.; January, February, April, October, November, and December had 5.0, 5.8, 0.5, 1.0, 3.0, and 2.3 in., respectively, for a total of 15 days of snow cover. The longest consecutive period of snow cover, 4 days, occurred December 27 through December 30.

Record-high temperatures were recorded on 3 days: April 13 (89°F); June 16 (105°F); and October 4 (95°F). Record-high temperatures were tied on 6 days: January 11 (72°F), 20 (74°F), and 31 (72°F); March 4 (79°F); and June 6 (101°F) and 10 (103°F). Record-low temperatures were recorded on 3 days: April 7 (13°F); and October 15 (14°F) and 16 (19°F). July was the warmest month with a mean temperature of 76.5°F. The hottest day of the year (105°F) occurred on June 16. The coldest day of the year (-10°F) occurred on January 1. February was the coldest month with a mean temperature of 30.1°F.

Mean air temperature was above normal for 6 months. May had the greatest departure above normal (5.8°F), and October had the greatest departure below normal (-4.0°F). Temperatures were 100°F or higher on 13 days, which is 2 days above normal. Temperatures were 90°F or higher on 77 days, which is 14 days above normal. The latest spring freeze was April 27, which is 9 days earlier than normal; the earliest fall freeze fell on October 10, which is 3 days later than normal. This produced a frost-free period of 166 days, which is 12 days more than the normal of 154 days.

Open-pan evaporation from April through September totaled 68.03 in., which is 3.37 in. below normal. Wind speed for this period averaged 4.7 mph, which is 0.6 mph less than normal.

The 2018 weather information for Tribune is summarized in Table 1.

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

Month	Precipitation		Monthly average temperatures						Wind		Evaporation	
	2018	Normal	2018		Normal		2018 extreme		2018	Normal	2018	Normal
			Max	Min	Max	Min	Max	Min				
	----- in. -----		----- °F -----						----- mph -----		----- in. -----	
January	0.34	0.49	49.1	12.4	44.0	16.2	74	-10	---	---	---	---
February	0.46	0.52	46.1	14.2	47.5	19.4	74	0	---	---	---	---
March	0.25	1.22	63.1	24.5	56.3	26.8	87	12	---	---	---	---
April	1.45	1.45	63.3	29.5	65.7	34.9	90	13	5.5	6.0	7.59	8.27
May	1.84	2.38	82.6	50.5	75.1	46.4	97	38	4.9	5.6	12.93	11.75
June	3.29	2.94	94.0	58.7	85.7	56.6	105	46	5.8	5.2	16.04	14.04
July	2.75	2.85	92.8	60.1	91.8	61.7	103	48	4.3	5.2	13.76	15.58
August	3.15	2.33	86.5	57.5	89.4	60.4	97	48	3.2	4.7	9.28	12.16
September	1.52	1.18	82.9	52.5	81.5	50.6	98	38	4.8	5.0	8.43	9.60
October	3.42	1.49	62.8	35.2	68.9	37.1	95	14	3.5*	4.5*	3.62*	6.09*
November	0.39	0.55	52.6	23.4	54.9	25.7	69	3	---	---	---	---
December	0.95	0.50	46.8	17.0	44.7	17.0	65	2	---	---	---	---
Annual	19.81	17.90	68.7	36.4	67.1	37.7	105	-10	4.7	5.3	68.03	71.40

Normal latest freeze (32°F) in spring: May 6. In 2018: April 27.

Normal earliest freeze (32°F) in fall: October 7. In 2018: October 10.

Normal frost-free (>32°F) period: 154 days. In 2018: 166 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.