Kansas Agricultural Experiment Station Research Reports

Volume 2
Issue 7 *Southwest Research-Extension Center Reports*

Article 30

January 2016

Weather Information for Garden City, 2015

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Recommended Citation

Elliott, J. (2016) "Weather Information for Garden City, 2015," *Kansas Agricultural Experiment Station Research Reports*: Vol. 2: Iss. 7. https://doi.org/10.4148/2378-5977.1275

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Abstract

Precipitation for 2015 totaled 23.27 in. This was 4.03 in. above the 30-year average of 19.24 in. and was nearly identical to 2014. Significant blowing dust was not observed in 2015. May and July had notably high precipitation with 6.38 in. and 5.36 in., respectively, which nearly doubled normal precipitation for these months. Hail was not observed in 2015. The largest daily rainfall was 1.94 in. on October 22. Sixteen days in May recorded measurable moisture.

Keywords

Garden City weather, 2015 weather

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Measurable snowfall occurred in January, February, and November. Annual snowfall totaled 10.6 in. compared to an average of 19.7 inches. The largest daily snow amount was 4.0 in. recorded on February 22. Seasonal snowfall (2013-2014) was 15.5 in. Average daily wind speed was 4.92 mph compared to the 30-year average of 5.10 mph. Open pan evaporation was measured daily from April through October, and totaled 73.10 in. This was 2.84 in. above the 30-year mean of 70.26 in.

Our mean annual temperature was 56.0°F which was 2.3°F above the 30-year average of 53.7°F. Triple-digit temperatures were observed on 13 days in 2015, with the highest being 105°F on July 14. Eight record high temperatures were equaled or exceeded in 2015: 80°F on January 28, 79°F on February 7, 81°F on February 8, 73°F on February 9, 91°F on March 17, 101°F on September 17, 95°F on October 12, and 80°F on November 4.

Sub-zero temperatures occurred 3 times in 2015. The lowest temperature was -3°F noted on January 1. No record low temperatures were equaled or set in 2015.

The last spring freeze was 31°F on April 21, which was 8 days earlier than the 30-year average. The first fall freeze was 32°F on October 29, which was 17 days later than normal. This resulted in a 191 day frost-free period, which is 26 days longer than the 30-year average, and is the longest frost free period in 53 years.

The 2015 climate information for Garden City is summarized in Table 1.

Table 1. Climatic data, Southwest Research–Extension Center, Garden City, Kansas

	Precipitation		Monthly temperatures						Wind		Evaporation	
			2015 avg.				2015 extreme					
Month	2015	avg.	Max	Min	Mean	30-year avg.	Max	Min	2015	30-year avg.	2015	30-year avg.
	------ in. -------		---------- °F ----------						------ mph ------		------- in. ------	
January	0.3	0.46	47	18.3	32.6	30.4	80	-3	3.9	4.5	--	--
February	1.21	0.55	49.3	17.7	33.5	33.9	81	2	4.39	5.24	--	--
March	0.32	1.31	63	29	46	42.9	91	11	4.38	6.31	--	--
April	0.37	1.74	70.6	39.5	55	52.3	88	25	6.24	6.42	8.12	8.21
May	6.38	2.98	72.5	48.4	60.4	62.8	89	38	5.53	5.76	8.03	10.04
June	1.39	3.12	90.7	62.8	76.8	72.6	102	51	4.97	5.37	12.84	11.96
July	5.36	2.8	92	65.2	78.6	77.9	105	52	4.65	4.59	14.56	13.22
August	3.24	2.51	89.3	61.8	75.5	76.3	102	51	4.38	4.11	10.04	11.28
September	0.04	1.42	89.8	59.2	74.5	67.7	101	45	5.3	4.73	12.19	9.22
October	2.87	1.21	72.6	45.6	59.1	54.9	95	32	4.9	4.89	7.32	6.33
November	0.98	0.55	57.6	30.6	44.1	41.6	80	19	5.49	4.8	--	--
December	0.81	0.59	47.7	23.5	35.6	31.4	71	9	4.87	4.45	--	--
Annual	23.27	19.24	70.2	41.8	56	53.7	105	-3	4.92	5.1	73.1	70.26

Normal latest spring freeze (32°F): April 29. In 2015: April 21.
Normal earliest fall freeze (32°F): October 12. In 2015: October 29.
Normal frost-free period (>32°F): 165 days. In 2011: 191 days.
30-year averages are for the period 1981-2010. All recordings were taken at 8:00 a.m.