

Kansas Agricultural Experiment Station Research Reports

Volume 10
Issue 5 *Western Kansas Agricultural Research*

Article 1

2024

Weather Information for Garden City, 2023

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Recommended Citation

Zukoff, Anthony (2024) "Weather Information for Garden City, 2023," *Kansas Agricultural Experiment Station Research Reports*: Vol. 10: Iss. 5. <https://doi.org/10.4148/2378-5977.8596>

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Weather Information for Garden City, 2023

A. Zukoff

Precipitation in Garden City, KS, for 2023 totaled 23.67 inches. This was 4.4 inches above the 30-year average of 19.24 inches. From January through the end of June, the station received 12.49 inches, which was 2.3 inches above normal for that point in the year, resulting in ideal spring planting conditions. No significant hail was witnessed on the station in 2023. The largest precipitation amounts were 4.38 inches recorded in May, 5.11 inches in June, and 3.81 inches in July. Measurable snowfall for the year totaled 8.04 inches; January, February, had 5.04 and 3.00 inches respectively.

Average daily windspeed was 6.9 mph compared to the 30-year average of 5.1 mph. Open-pan evaporation was measured daily from April through October and totaled 74.25 inches. This was 3.99 inches above the 30-year mean of 70.26 inches.

The mean annual temperature was 55.4°F compared to the 30-year average of 53.7°F. Triple-digit temperatures were experienced in July, August, and September. Triple-digit days were observed on August 19 and August 20 with an average temperature being 102.2°F. August 19 exhibited the highest temperature of 104.4°F. The lowest temperature was observed in February at -0.1°F.

The 2023 climate information for Garden City is summarized in Table 1.

Table 1. Climate data, Garden City, KS

Precipitation			Temperature (F)						Wind (mph)		Evaporation (in.)		
Month	Average		Average 2023		Mean	Average		2023 Extremes		Average		Average	
	2023	1981-2010	Max	Min		1981-2010	Max	Min	2023	1981-2010	2023	1981-2010	
	----- inches -----		----- °F -----						----- mph -----		----- inches -----		
January	0.11	0.46	43.2	16.1	29.7	30.4	63.2	1.1	6.6	4.50	---	---	
February	0.61	0.55	51.8	18.9	35.4	33.9	65.3	-0.1	7.0	5.24	---	---	
March	0.03	1.31	55.6	28.2	41.9	42.9	76.1	11.6	9.6	6.31	---	---	
April	2.25	1.74	69.2	36.7	53.0	52.3	91.2	22.3	10.0	6.42	11.79	8.21	
May	4.38	2.98	78.7	52.2	65.5	62.8	95.2	35.9	8.6	5.76	11.46	10.04	
June	5.11	3.12	82.2	59.4	70.8	72.6	97.3	52.0	5.5	5.37	10.11	11.96	
July	3.81	2.80	90.6	65.0	77.8	77.9	101.8	53.8	4.5	4.59	12.14	13.22	
August	2.13	2.51	92.2	63.1	77.7	76.3	100.6	53.4	5.6	4.11	12.07	11.28	
September	1.84	1.42	87.2	57.0	72.1	67.7	102.0	48.6	6.1	4.73	10.16	9.22	
October	0.81	1.21	72.6	40.9	56.8	54.9	90.0	14.0	6.6	4.89	6.52	6.33	
November	0.19	0.55	61.9	29.2	45.6	41.6	86.8	10.9	6.1	4.80	---	---	
December	1.49	0.59	53.7	25.1	39.4	31.4	77.1	15.4	6.3	4.45	---	---	
Annual	23.67	19.24											
			Average		2023								
Latest Spring Freeze			April 29		April 29								
Earliest Fall Freeze			October 12		October 14								
Frost Free Period			165 days		167 days								