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Weather Information for Garden City, 2024

Colt McElroy
Kansas State University, mcelroyc@ksu.edu

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Weather Information for Garden City, 2024

Colt McElroy

Precipitation in Garden City, KS, for 2024 totaled 23.49 inches. This was 3.96 inches above the 30-year average of 19.53 inches. From January through the end of June, the station received 8.3 inches, which was 1.42 inches below normal for that point in the year. No significant hail was witnessed on the station in 2024. The largest precipitation amounts recorded were 3.94 inches in June, 6.09 inches in July, 3.43 inches in August, and 4.24 inches in November. Measurable snowfall for the year totaled 14.30 inches; January, February, and March had 9.3, 3.0 and 2.0 inches respectively.

Average daily wind speed was 5.16 mph compared to the 30-year average of 4.95 mph. Open pan evaporation was measured daily from April through October and totaled 83.49 inches. This was 9.48 inches above the 30-year average of 74.01 inches.

The mean annual air temperature was 56.8°F compared to the 30-year average of 54.3°F. Triple-digit temperatures were observed in June, July and August. The longest consecutive run of triple-digit days was observed from July 28 through August 1 with an average temperature of 103.6°F. August 19 exhibited the highest temperature of 110°F. The lowest temperature was observed on January 16 and 17 at -13°F.

The 2024 climate information for Garden City is summarized in Table 1.

Month	Monthly temperatures											
	Precipitation		2024 avg.			Mean 30-year avg.	2024 extreme		Wind		Evaporation	
			Max	Min	Mean		Max	Min	2024	30-year avg.	2024	30-year avg.
	2024	Avg.										
	----- in. -----		----- °F -----						----- mph -----		----- in. -----	
January	0.71	0.47	37.3	14.0	25.6	31.1	67	-13	5.52	4.19	---	---
February	0.47	0.59	59.7	26.0	42.8	34.2	82	10	4.09	4.99	---	---
March	0.76	1.14	61.7	27.0	44.4	43.6	80	14	6.39	5.82	---	---
April	0.17	1.64	72.1	39.6	55.8	52.3	91	25	6.12	6.24	10.11	8.19
May	2.25	2.79	80.3	48.8	64.5	63.1	94	34	5.65	5.50	12.59	10.55
June	3.94	3.09	92.2	64.1	78.2	74.1	104	57	6.52	5.46	14.92	13.28
July	6.09	3.16	92.3	62.7	77.5	78.8	108	56	4.42	4.58	12.56	13.86
August	3.43	2.80	92.6	63.9	78.3	76.6	110	54	5.03	4.18	12.92	11.67
September	1.29	1.33	87.9	55.1	71.5	68.6	99	41	5.17	4.81	11.16	9.78
October	0.11	1.32	79.9	42.9	61.4	55.2	98	27	5.02	4.82	9.23	6.68
November	4.24	0.49	57.8	30.3	44.1	42.0	74	15	4.22	4.67	---	---
December	0.03	0.71	54.0	20.3	37.1	32.3	67	10	3.77	4.20	---	---
ANNUAL	23.49	19.53	72.3	41.2	56.8	54.3	110	-13	5.16	4.95	83.49	74.01

Normal latest spring freeze (32°F): April 29. In 2024: April 21

Normal earliest fall freeze (32°F): Oct. 13. In 2024: October 16

Normal frost-free period (>32°F): 168 days. In 2024: 178 days

30-year averages are for the period 1991-2020. All recordings were taken at 8:00 a.m.