

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 2430 ft. Lat: 38.1964° N Lon: 99.9175° W

Station: JETMORE 8NNW, KS US USC00144087

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	44.1	17.9	31.0	4.9	3.2	3.6	0.2	0.1	0.0	0.0	0.0	0.0	744.1	806.0	898.9	1053.9	0.0	0.0	12.0	7.3	30.3	1.5
02	47.6	20.4	34.0	6.8	3.9	4.9	2.3	1.3	0.5	0.0	0.0	0.0	590.1	645.2	728.4	867.8	0.0	0.1	13.4	5.1	26.3	1.0
03	58.2	28.8	43.5	5.4	3.7	4.2	22.7	14.9	7.1	1.0	0.0	0.0	379.3	433.4	518.6	667.6	0.0	0.0	22.3	1.4	21.2	0.5
04	67.5	37.6	52.5	3.5	3.1	3.1	84.2	61.9	36.7	12.5	2.5	1.0	157.7	195.4	260.2	386.0	0.0	1.0	27.1	0.1	8.6	0.0
05	77.2	49.1	63.2	4.4	2.5	3.2	282.4	234.3	170.7	87.4	34.0	21.5	29.7	43.6	73.0	144.8	0.5	4.3	30.5	0.0	0.8	0.0
06	87.8	60.1	74.0	4.5	2.6	3.3	569.6	510.5	423.3	283.4	161.2	120.6	1.2	2.1	4.9	15.0	2.5	14.3	30.0	0.0	0.0	0.0
07	93.6	65.5	79.6	3.9	2.2	2.9	760.9	698.9	606.0	452.5	303.8	247.3	0.0	0.0	0.1	1.6	7.7	22.2	31.0	0.0	0.0	0.0
08	91.3	63.7	77.5	3.9	2.3	2.9	697.5	635.5	542.8	389.9	244.8	192.4	0.0	0.1	0.4	2.5	4.3	19.0	31.0	0.0	0.0	0.0
09	83.3	54.6	69.0	4.8	3.1	3.7	428.1	373.3	295.0	180.0	92.5	66.6	9.7	14.9	26.5	61.6	1.2	9.2	29.9	0.0	0.2	0.0
10	70.6	40.9	55.7	4.5	3.1	3.4	139.3	107.7	69.0	27.5	8.2	4.5	116.1	146.4	200.8	314.3	0.0	1.7	28.9	0.4	6.0	0.0
11	56.3	28.5	42.4	5.7	3.5	4.1	16.2	9.7	4.0	0.8	0.1	0.0	394.2	447.6	532.0	678.7	0.0	0.0	20.5	1.2	20.3	0.1
12	45.6	20.1	32.8	4.2	3.2	3.3	0.2	0.1	0.0	0.0	0.0	0.0	686.6	748.6	841.5	996.4	0.0	0.0	12.6	5.1	29.8	0.9
Summary	68.6	40.6	54.6	4.7	3.0	3.5	3004	2648	2155	1435	847	654	3109	3483	4085	5190	16.2	71.8	289.2	20.6	143.5	4.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	0.64	2.4	1.4	0.4	0.1	0.13	0.40	1.08	
02	0.72	2.6	1.9	0.5	0.1	0.19	0.53	1.10	
03	1.47	3.7	3.0	1.0	0.4	0.67	1.37	1.98	
04	2.01	5.0	4.0	1.2	0.6	0.84	1.44	2.67	
05	3.66	6.9	5.6	2.6	0.9	2.17	3.45	4.93	
06	3.45	7.2	5.8	2.8	1.1	2.22	2.77	4.43	
07	3.63	6.7	5.4	2.6	1.2	2.25	3.59	5.08	
08	2.84	6.0	4.6	2.0	0.7	1.69	2.70	3.85	
09	1.65	3.5	2.9	1.1	0.4	0.63	1.32	2.68	
10	1.94	3.8	2.9	1.4	0.6	0.85	1.72	2.72	
11	0.77	2.3	1.8	0.5	0.1	0.10	0.47	1.42	
12	0.95	2.3	1.8	0.3	0.2	0.17	0.56	1.40	
Summary	23.73	52.4	41.1	16.4	6.4	11.91	20.32	33.34	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	6.10	1.8	1.5	0.8	0.5	0.0	5.0	2.6	1.7	0.3	2.40	5.30	8.50
02	4.70	1.4	1.2	0.7	0.4	0.0	3.3	2.1	1.4	0.1	0.00	3.00	8.20
03	3.30	1.2	1.2	0.6	0.2	0.1	2.5	1.6	0.7	0.2	0.00	1.30	5.60
04	1.20	0.4	0.4	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	1.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.20	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.60	0.4	0.4	0.2	0.1	0.0	1.0	0.6	0.5	0.2	0.00	0.00	1.20
12	4.10	1.2	1.2	0.6	0.2	0.1	2.8	1.5	0.7	0.0	0.60	2.00	5.80
Summary	21.2	6.6	6.1	3.0	1.4	0.2	14.9	8.5	5.0	0.8	3.0	11.6	30.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	28.9	58.2	200.8	391.6	718.1	1018.4	1225.9	1162.4	868.5	501.4	166.1	38.3
45	7.7	23.8	114.5	264.5	564.7	868.3	1070.8	1007.3	718.9	361.4	92.1	11.6
50	1.3	8.1	55.6	159.0	416.7	718.7	915.8	852.3	571.1	238.4	44.0	2.6
55	0.2	2.3	22.7	84.2	282.4	569.6	760.9	697.5	428.1	139.3	16.2	0.2
60	0.0	0.5	7.1	36.7	170.7	423.3	606.0	542.8	295.0	69.0	4.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	49.0	72.3	173.2	271.8	448.5	651.6	784.7	748.7	548.5	333.5	141.2	52.1

Growing Degree Units (Accumulated Monthly)												
40	29	87	288	680	1398	2416	3642	4804	5673	6174	6340	6379
45	8	32	146	410	975	1844	2914	3922	4640	5002	5094	5106
50	1	9	65	224	641	1359	2275	3128	3699	3937	3981	3984
55	0	2	25	109	392	961	1722	2420	2848	2987	3003	3004
60	0	0	8	44	215	638	1244	1787	2082	2151	2155	2155
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	49	121	294	566	1015	1666	2451	3200	3748	4082	4223	4275

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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