

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 2586 ft. Lat: 39.8228° N Lon: 100.5164° W
Station: OBERLIN, KS US USC00145906

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	41.7	15.8	28.8	4.9	3.5	3.9	0.1	0.1	0.0	0.0	0.0	0.0	813.8	875.8	968.7	1123.7	0.0	0.0	10.0	8.8	30.7	3.1
02	44.9	18.4	31.6	7.3	4.3	5.5	0.6	0.2	0.0	0.0	0.0	0.0	654.1	709.8	793.7	933.7	0.0	0.0	11.3	6.2	27.4	2.0
03	56.1	26.4	41.3	5.3	3.5	4.1	12.0	7.2	2.9	0.2	0.0	0.0	438.3	495.6	584.2	736.6	0.0	0.1	20.5	2.2	24.5	0.7
04	64.6	36.0	50.3	3.6	3.2	3.1	54.6	37.4	19.8	5.2	0.7	0.2	195.6	238.4	310.7	446.2	0.0	0.4	25.6	0.2	12.0	0.0
05	74.1	46.8	60.4	3.6	2.4	2.7	217.4	175.1	121.9	54.4	17.5	10.1	48.4	68.1	107.9	195.4	0.2	2.6	30.2	0.0	2.4	0.0
06	85.9	58.3	72.1	3.6	2.7	2.9	514.9	456.4	370.1	235.6	124.8	89.4	2.1	3.5	7.2	22.7	1.6	10.3	29.9	0.0	0.0	0.0
07	90.9	63.8	77.4	3.2	2.2	2.5	692.7	630.7	537.9	384.8	239.9	187.1	0.0	0.0	0.2	2.1	5.0	18.6	31.0	0.0	0.0	0.0
08	88.7	61.5	75.1	3.7	2.3	2.8	623.1	561.4	469.3	319.2	182.7	136.2	0.1	0.4	1.3	6.2	2.2	15.1	31.0	0.0	0.0	0.0
09	80.9	51.4	66.2	3.7	3.5	3.3	349.4	297.5	225.8	126.9	57.5	37.9	15.1	23.1	41.3	92.5	0.4	7.1	29.7	0.0	0.6	0.0
10	67.6	37.5	52.6	4.3	2.5	3.0	84.6	60.4	34.0	10.3	2.5	1.3	160.6	198.4	264.9	396.3	0.0	1.0	27.9	0.5	10.4	0.0
11	53.9	25.4	39.6	5.5	3.3	4.0	6.9	3.4	1.0	0.1	0.0	0.0	467.4	523.9	611.5	760.6	0.0	0.0	18.9	2.0	25.6	0.2
12	42.6	17.0	29.8	4.1	3.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	780.9	842.9	936.0	1091.0	0.0	0.0	10.3	7.3	30.8	2.1
Summary	66.0	38.2	52.1	4.4	3.1	3.4	2556	2230	1783	1137	626	462	3576	3980	4628	5807	9.4	55.2	276.3	27.2	164.4	8.1

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

Current Location: Elev: 2586 ft. Lat: 39.8228° N Lon: 100.5164° W
Station: OBERLIN, KS US USC00145906

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	0.42	3.0	1.3	0.2	0.0	0.11	0.31	0.55	
02	0.68	3.7	2.1	0.4	0.0	0.27	0.57	0.85	
03	1.03	5.1	3.0	0.6	0.1	0.43	0.90	1.65	
04	2.13	6.7	4.4	1.3	0.4	0.92	2.18	2.77	
05	3.30	9.6	5.8	2.2	0.8	1.92	2.96	4.35	
06	3.01	9.0	5.5	2.0	0.8	1.72	2.73	3.83	
07	3.27	8.7	5.9	2.5	1.0	1.46	2.83	4.69	
08	3.07	8.8	5.8	2.1	0.8	1.32	2.87	4.19	
09	1.72	6.1	3.6	1.1	0.5	1.01	1.46	2.18	
10	1.69	5.6	3.2	1.0	0.3	0.43	1.24	2.90	
11	0.80	3.6	2.0	0.5	0.1	0.28	0.57	1.00	
12	0.67	3.1	1.9	0.4	0.0	0.15	0.40	0.90	
Summary	21.79	73.0	44.5	14.3	4.8	10.02	19.02	29.86	

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

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 2586 ft. Lat: 39.8228° N Lon: 100.5164° W
Station: **OBERLIN, KS US USC00145906**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	5.70	1.9	1.3	0.6	0.4	0.1	6.6	2.9	1.9	1.1	1.00	3.20	6.60
02	6.20	2.8	1.9	0.9	0.3	0.0	7.8	4.7	3.4	1.2	1.80	4.50	9.00
03	3.40	1.7	1.1	0.5	0.2	0.0	1.8	0.7	0.2	0.0	0.10	2.00	3.80
04	1.90	0.8	0.6	0.3	0.1	0.0	0.6	0.2	0.0	0.0	0.00	0.50	3.10
05	0.20	0.1	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	1.30	0.3	0.3	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.70
11	2.30	1.1	0.7	0.3	0.1	0.0	1.8	0.9	0.5	0.0	0.00	1.00	4.40
12	4.20	2.2	1.3	0.7	0.2	0.0	5.3	2.5	1.6	0.0	1.00	2.80	6.10
Summary	25.2	10.9	7.2	3.4	1.4	0.1	24.1	12.0	7.6	2.3	3.9	14.0	33.7

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

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 2586 ft. Lat: 39.8228° N Lon: 100.5164° W

Station: OBERLIN, KS US USC00145906

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	18.9	38.3	158.1	331.0	634.7	962.8	1157.7	1087.9	784.6	408.1	118.8	19.1
45	4.5	14.5	82.7	212.3	483.7	812.8	1002.6	932.9	635.8	277.3	58.5	4.4
50	0.8	4.1	35.4	119.0	341.8	663.3	847.6	777.9	489.4	167.1	24.3	0.6
55	0.1	0.6	12.0	54.6	217.4	514.9	692.7	623.1	349.4	84.6	6.9	0.0
60	0.0	0.0	2.9	19.8	121.9	370.1	537.9	469.3	225.8	34.0	1.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	37.3	56.0	152.7	234.7	394.2	614.1	749.6	704.2	496.9	287.8	120.5	36.2

Growing Degree Units (Accumulated Monthly)												
40	19	57	215	546	1181	2144	3302	4389	5174	5582	5701	5720
45	4	19	102	314	798	1610	2613	3546	4182	4459	4518	4522
50	1	5	40	159	501	1164	2012	2790	3279	3446	3471	3471
55	0	1	13	67	285	800	1492	2115	2465	2549	2556	2556
60	0	0	3	23	145	515	1053	1522	1748	1782	1783	1783
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	37	93	246	481	875	1489	2239	2943	3440	3728	3848	3884

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

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