

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1092 ft. Lat: 38.2547° N Lon: 95.7500° W

Station: JOHN REDMOND LAKE, KS US USC00144104

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	41.2	19.2	30.2	4.9	3.4	3.7	0.4	0.2	0.1	0.0	0.0	0.0	769.0	830.9	923.7	1078.6	0.0	0.0	8.0	9.3	28.8	1.8
02	46.3	22.8	34.6	6.3	4.6	5.2	3.1	1.9	0.9	0.2	0.0	0.0	575.5	630.3	713.4	852.6	0.0	0.0	10.8	6.1	23.6	0.8
03	57.1	32.8	45.0	5.4	4.4	4.6	34.4	24.2	14.1	4.3	0.3	0.1	346.0	397.8	480.7	625.9	0.0	0.1	20.4	1.7	15.3	0.2
04	67.4	43.8	55.6	4.1	3.8	3.8	128.6	98.3	62.0	23.3	5.2	2.3	110.6	140.3	194.0	305.4	0.0	0.2	27.2	0.0	3.8	0.0
05	75.9	55.1	65.5	3.4	3.1	3.1	338.5	284.7	211.3	110.9	44.4	27.1	13.0	21.2	40.8	95.4	0.0	0.9	30.9	0.0	0.1	0.0
06	85.3	64.4	74.9	3.3	2.4	2.7	595.6	536.1	447.1	302.9	172.2	126.4	0.3	0.7	1.7	7.6	0.3	6.9	30.0	0.0	0.0	0.0
07	90.2	68.7	79.4	3.4	2.6	2.7	757.8	695.9	602.9	448.0	296.8	239.4	0.0	0.0	0.0	0.2	2.0	15.5	31.0	0.0	0.0	0.0
08	89.5	66.9	78.2	3.9	2.5	3.0	719.0	657.1	564.1	410.1	262.0	207.5	0.0	0.0	0.1	1.1	2.1	14.3	31.0	0.0	0.0	0.0
09	81.5	58.1	69.8	3.7	3.3	3.2	448.7	392.1	310.5	190.8	97.2	68.4	4.8	8.1	16.6	46.9	0.3	4.7	30.0	0.0	0.0	0.0
10	69.7	45.6	57.6	3.9	3.0	3.1	168.3	132.4	86.9	35.2	9.7	4.8	86.2	112.3	159.8	263.1	0.0	0.3	29.0	0.1	3.1	0.0
11	56.1	33.5	44.8	4.9	4.0	4.1	26.6	17.6	8.3	1.6	0.2	0.0	332.6	383.6	464.3	607.6	0.0	0.0	20.2	0.9	14.3	0.0
12	44.7	23.7	34.2	4.2	4.2	4.0	1.6	0.8	0.3	0.0	0.0	0.0	646.2	707.5	800.0	954.6	0.0	0.0	10.1	6.3	26.1	0.6
Summary	67.1	44.6	55.8	4.3	3.4	3.6	3223	2841	2309	1527	888	676	2884	3233	3795	4839	4.7	42.9	278.6	24.4	115.1	3.4

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	0.94	3.1	2.3	0.4	0.1	0.29	0.73	1.38	
02	1.31	4.1	3.0	1.0	0.4	0.51	1.19	1.78	
03	2.20	5.7	4.2	1.8	0.4	1.31	1.87	3.21	
04	3.68	7.5	5.3	2.7	1.0	1.85	3.19	4.48	
05	5.32	8.6	7.2	3.5	1.3	3.34	5.14	6.44	
06	4.58	7.6	6.1	3.1	1.4	2.59	4.37	5.87	
07	4.46	7.3	5.7	2.8	1.3	2.17	3.61	5.27	
08	4.06	6.9	5.2	2.6	1.3	1.54	3.23	5.23	
09	3.76	6.5	5.4	2.8	1.7	2.06	3.38	5.05	
10	3.42	6.2	4.3	2.2	1.3	1.61	3.00	4.60	
11	1.90	4.5	3.3	1.3	0.4	0.56	1.44	2.87	
12	1.55	3.7	2.6	1.1	0.4	0.85	1.29	2.39	
Summary	37.18	71.7	54.6	25.3	11.0	18.68	32.44	48.57	

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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	28.1	65.6	234.9	477.7	790.5	1045.3	1222.8	1184.0	893.9	552.3	212.5	53.4
45	8.6	30.0	142.0	344.0	635.9	895.3	1067.8	1028.9	744.1	409.1	124.0	20.9
50	2.1	11.5	74.6	224.2	483.9	745.4	912.8	874.0	594.7	277.7	62.9	6.4
55	0.4	3.1	34.4	128.6	338.5	595.6	757.8	719.0	448.7	168.3	26.6	1.6
60	0.1	0.9	14.1	62.0	211.3	447.1	602.9	564.1	310.5	86.9	8.3	0.3
Growing Degree Units for Corn (Monthly)												
50/86	31.0	60.0	162.5	286.3	495.1	710.7	830.6	794.5	580.6	342.1	134.1	42.7

Growing Degree Units (Accumulated Monthly)												
40	28	94	329	806	1597	2642	3865	5049	5943	6495	6708	6761
45	9	39	181	525	1160	2056	3124	4152	4897	5306	5430	5451
50	2	14	88	312	796	1542	2454	3328	3923	4201	4264	4270
55	0	4	38	166	505	1101	1858	2577	3026	3194	3221	3223
60	0	1	15	77	288	736	1338	1902	2213	2300	2308	2309
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	31	91	254	540	1035	1746	2576	3371	3951	4293	4428	4470

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