

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 870 ft. Lat: 39.3256° N Lon: 94.9189° W
Station: **LEAVENWORTH, KS US USC00144588**

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	39.3	20.7	30.0	4.5	4.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	774.8	836.8	929.8	1084.7	0.0	0.0	6.0	9.6	26.7	1.7
02	44.8	24.3	34.6	6.3	5.7	5.8	4.0	2.4	0.9	0.1	0.0	0.0	576.5	630.9	713.4	852.5	0.0	0.0	10.4	4.8	20.9	0.3
03	56.6	33.5	45.0	5.3	3.9	4.3	35.0	24.0	12.4	3.3	0.4	0.2	343.6	394.5	475.9	621.8	0.0	0.0	20.7	1.0	13.7	0.1
04	67.0	44.2	55.6	3.8	3.5	3.5	127.7	98.4	62.1	23.6	5.1	2.1	109.8	140.4	194.1	305.6	0.0	0.3	27.5	0.0	2.9	0.0
05	76.9	55.3	66.1	3.5	3.2	3.1	352.0	297.1	221.3	119.1	49.0	31.1	7.9	15.0	32.2	85.1	0.0	1.5	31.0	0.0	0.0	0.0
06	86.2	64.6	75.4	3.0	2.2	2.5	611.9	552.0	462.5	316.2	182.2	135.2	0.1	0.1	0.7	4.4	0.0	8.2	30.0	0.0	0.0	0.0
07	90.5	69.2	79.9	3.3	2.5	2.7	770.3	708.3	615.3	460.3	307.6	248.7	0.0	0.0	0.0	0.1	2.2	17.5	31.0	0.0	0.0	0.0
08	88.7	68.0	78.3	2.9	3.1	2.8	723.7	661.7	568.7	414.7	266.5	212.0	0.0	0.0	0.0	1.1	2.2	14.6	31.0	0.0	0.0	0.0
09	80.5	58.3	69.4	3.4	3.7	3.3	435.9	378.6	295.9	176.4	85.7	60.2	4.0	6.7	13.9	44.5	0.1	3.1	30.0	0.0	0.1	0.0
10	68.0	46.4	57.2	3.6	2.6	2.8	157.5	122.3	78.9	30.3	8.5	4.9	89.4	116.1	165.7	272.1	0.0	0.3	29.1	0.0	1.9	0.0
11	54.1	34.2	44.2	4.5	4.1	4.0	22.5	15.1	7.3	1.0	0.1	0.0	347.9	400.5	482.7	626.5	0.0	0.0	18.8	0.9	13.6	0.1
12	42.9	24.9	33.9	4.2	3.9	3.9	0.9	0.4	0.3	0.1	0.0	0.0	654.9	716.4	809.2	963.9	0.0	0.0	8.8	6.1	25.0	0.4
Summary	66.3	45.3	55.8	4.0	3.6	3.6	3241	2860	2326	1545	905	694	2909	3257	3818	4862	4.5	45.5	274.3	22.4	104.8	2.6

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	1.05	4.6	2.7	0.5	0.1	0.56	1.06	1.42
02	1.58	5.1	3.4	1.0	0.3	0.76	1.25	2.22
03	2.36	7.3	5.1	1.6	0.5	1.39	2.33	3.38
04	4.11	9.5	7.0	3.2	1.3	3.17	3.80	4.79
05	5.24	10.8	8.1	2.9	1.6	3.27	5.46	6.73
06	5.49	10.1	7.5	3.8	1.5	3.34	4.90	7.67
07	4.32	8.3	6.1	3.0	1.6	2.25	4.09	6.01
08	5.30	7.2	5.2	2.7	1.3	2.27	3.98	8.48
09	4.58	7.5	5.6	2.8	1.5	2.80	4.13	6.06
10	3.56	7.5	5.8	2.6	0.9	1.70	3.34	4.68
11	1.98	5.8	3.6	1.6	0.8	1.01	1.82	2.51
12	1.70	4.9	3.3	1.1	0.3	0.55	1.54	2.66
Summary	41.27	88.6	63.4	26.8	11.7	23.07	37.70	56.61

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

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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	4.80	2.5	1.7	0.8	0.3	0.0	7.4	4.5	2.3	0.6	1.10	4.50	6.60
02	5.60	2.1	1.7	0.7	0.3	0.1	5.3	2.8	1.5	0.2	0.50	4.00	8.90
03	1.50	0.9	0.6	0.2	0.0	0.0	1.1	0.4	0.2	0.1	0.00	1.10	2.10
04	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
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	0.40	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.00	0.00	0.00
11	1.00	0.6	0.4	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.60
12	5.50	2.5	1.6	0.6	0.2	0.1	4.7	2.2	1.6	0.4	0.90	4.00	6.30
Summary	18.8	8.7	6.1	2.5	1.0	0.2	18.8	10.1	5.8	1.3	2.5	13.6	24.5

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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	27.2	63.5	228.3	475.6	809.1	1061.7	1235.2	1188.5	881.9	537.7	191.7	44.9
45	8.4	29.7	137.1	341.2	654.1	911.8	1080.2	1033.6	732.1	393.5	108.6	16.0
50	1.8	11.9	74.7	222.1	500.0	761.8	925.3	878.7	582.9	264.4	53.5	4.3
55	0.0	4.0	35.0	127.7	352.0	611.9	770.3	723.7	435.9	157.5	22.5	0.9
60	0.0	0.9	12.4	62.1	221.3	462.5	615.3	568.7	295.9	78.9	7.3	0.3
Growing Degree Units for Corn (Monthly)												
50/86	20.0	46.0	150.8	284.9	510.1	722.2	841.7	810.4	575.6	320.1	109.4	28.7

Growing Degree Units (Accumulated Monthly)												
40	27	91	319	795	1604	2665	3901	5089	5971	6509	6700	6745
45	8	38	175	516	1170	2082	3162	4196	4928	5322	5430	5446
50	2	14	88	310	810	1572	2498	3376	3959	4224	4277	4281
55	0	4	39	167	519	1131	1901	2625	3060	3218	3240	3241
60	0	1	13	75	297	759	1374	1943	2239	2318	2325	2326
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	20	66	217	502	1012	1734	2576	3386	3962	4282	4391	4420

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