

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 2159 ft. Lat: 37.9283° N Lon: 99.3656° W

Station: KINSLEY 2E, KS US USC00144333

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	45.9	18.3	32.1	4.1	2.9	3.1	0.1	0.0	0.0	0.0	0.0	0.0	709.8	771.8	864.8	1019.8	0.0	0.0	14.2	6.3	29.3	0.9
02	49.2	21.6	35.4	6.4	4.2	5.0	2.7	1.4	0.4	0.0	0.0	0.0	551.3	606.0	688.9	828.6	0.0	0.0	14.8	4.3	24.0	0.7
03	59.5	30.3	44.9	5.2	4.6	4.5	27.9	18.3	8.3	1.2	0.1	0.0	341.0	393.4	476.4	624.4	0.0	0.0	22.7	1.3	18.6	0.2
04	68.4	39.4	53.9	3.9	2.9	3.1	102.1	76.6	46.5	15.7	2.6	1.1	135.0	169.5	229.5	348.7	0.0	0.9	26.9	0.1	7.0	0.0
05	77.6	50.3	64.0	3.1	2.6	2.6	296.0	244.7	176.1	85.8	33.1	21.5	18.5	29.2	53.6	118.3	0.3	4.3	30.8	0.0	0.2	0.0
06	88.2	60.8	74.5	4.0	2.0	2.8	585.3	525.7	437.3	294.6	165.4	122.2	0.5	0.9	2.5	9.8	1.4	13.5	30.0	0.0	0.0	0.0
07	92.7	65.7	79.2	3.0	1.7	2.3	750.0	688.0	595.0	440.9	291.2	234.2	0.0	0.0	0.0	1.0	6.5	22.4	31.0	0.0	0.0	0.0
08	91.3	64.4	77.9	3.6	2.4	2.7	708.2	646.2	553.5	400.3	253.1	198.9	0.0	0.1	0.4	2.2	5.1	20.0	31.0	0.0	0.0	0.0
09	83.3	55.7	69.5	3.8	2.9	3.1	442.7	386.6	306.1	186.6	96.7	68.7	7.8	11.7	21.2	51.7	1.1	9.4	29.9	0.0	0.3	0.0
10	71.9	41.7	56.8	3.4	2.6	2.7	147.0	112.3	70.2	25.3	6.6	3.8	91.2	118.4	169.4	279.5	0.0	1.8	29.8	0.1	4.5	0.0
11	58.3	29.3	43.8	5.5	3.3	4.0	21.6	13.8	5.8	1.1	0.1	0.0	357.6	409.8	491.8	637.1	0.0	0.1	21.9	0.8	18.9	0.0
12	47.1	20.2	33.6	4.0	3.6	3.4	0.6	0.1	0.0	0.0	0.0	0.0	662.2	723.7	816.5	971.5	0.0	0.0	14.4	4.3	28.9	0.2
Summary	69.4	41.5	55.5	4.2	3.0	3.3	3084	2714	2199	1451	849	650	2875	3234	3815	4893	14.4	72.4	297.4	17.2	131.7	2.0

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

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

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	0.62	2.3	1.3	0.5	0.1	0.17	0.53	0.88
02	0.75	3.0	2.0	0.4	0.1	0.19	0.64	1.12
03	1.78	4.1	3.3	1.0	0.4	0.46	1.60	2.49
04	2.51	6.2	4.3	1.4	0.5	1.21	1.96	3.13
05	3.75	6.3	5.0	2.4	1.1	2.07	3.20	5.20
06	3.57	7.3	5.5	2.4	1.1	2.12	3.34	4.38
07	3.85	7.0	5.6	2.7	1.3	2.42	3.52	5.12
08	3.53	6.0	4.6	1.9	1.2	1.81	2.82	4.02
09	2.13	4.8	3.2	1.3	0.6	0.94	1.62	3.13
10	2.34	4.6	3.4	1.3	0.6	0.96	2.18	2.77
11	0.97	3.0	1.9	0.6	0.2	0.23	0.63	1.29
12	0.95	3.2	2.1	0.5	0.2	0.30	0.66	1.15
Summary	26.75	57.8	42.2	16.4	7.4	12.88	22.70	34.68

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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	4.70	1.5	1.0	0.5	0.4	0.1					0.00	2.00	8.00
02	2.90	1.2	1.1	0.5	0.3	0.0					0.00	1.00	4.00
03	3.10	0.9	0.7	0.5	0.3	0.1					0.00	0.00	6.20
04	0.60	0.3	0.2	0.1	0.1	0.0					0.00	0.00	0.00
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.00	0.1	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.50	0.3	0.2	0.1	0.0	0.0					0.00	0.00	0.60
12	3.30	1.2	0.8	0.5	0.2	0.0					0.00	1.90	6.50
Summary	15.1	5.5	4.0	2.2	1.3	0.2	0.0	0.0	0.0	0.0	0.0	4.9	25.3

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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	35.9	70.9	231.3	428.4	742.8	1034.7	1214.9	1173.0	885.1	527.6	191.2	41.6
45	9.4	30.1	138.1	298.8	588.7	884.8	1060.0	1018.2	735.8	382.8	110.6	13.3
50	1.5	10.2	69.7	186.8	437.4	734.9	905.0	863.2	587.9	252.8	54.6	3.6
55	0.1	2.7	27.9	102.1	296.0	585.3	750.0	708.2	442.7	147.0	21.6	0.6
60	0.0	0.4	8.3	46.5	176.1	437.3	595.0	553.5	306.1	70.2	5.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	58.2	79.0	186.2	289.9	458.7	669.1	788.4	759.0	564.7	354.0	160.9	60.1

Growing Degree Units (Accumulated Monthly)												
40	36	107	338	766	1509	2544	3759	4932	5817	6345	6536	6577
45	9	40	178	476	1065	1950	3010	4028	4764	5147	5257	5271
50	2	12	81	268	706	1440	2346	3209	3797	4049	4104	4108
55	0	3	31	133	429	1014	1764	2472	2915	3062	3084	3084
60	0	0	9	55	231	669	1264	1817	2123	2193	2199	2199
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	58	137	323	613	1072	1741	2530	3288	3853	4207	4368	4428

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