

Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

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	35.5	20.3	27.9	4.8	5.3	5.0	0.8	0.3	0.0	0.0	0.0	0.0	840.7	902.2	994.8	1149.9	0.0	0.0	3.9	14.1	26.5	1.7
02	38.6	21.9	30.2	5.3	5.5	5.4	1.6	1.1	0.6	0.1	0.0	0.0	694.5	749.9	833.4	972.9	0.0	0.0	4.6	10.4	24.1	1.3
03	48.4	29.4	38.9	5.0	4.1	4.4	15.0	10.2	5.2	1.3	0.2	0.1	514.0	571.2	659.2	810.3	0.0	0.0	12.4	3.8	20.3	0.0
04	61.8	39.8	50.8	3.1	2.7	2.7	67.1	48.4	27.6	8.2	1.4	0.5	193.1	234.4	303.6	434.3	0.0	0.0	24.8	0.2	7.8	0.0
05	72.3	50.4	61.3	4.1	3.7	3.8	232.5	189.2	133.7	63.8	22.8	13.3	35.7	54.4	91.9	177.0	0.0	0.4	30.6	0.0	0.4	0.0
06	80.4	59.4	69.9	2.2	1.8	1.8	448.3	390.0	304.9	176.8	78.5	50.5	1.4	3.1	8.1	30.0	0.0	1.9	30.0	0.0	0.0	0.0
07	84.3	63.4	73.9	3.0	2.4	2.6	584.3	522.2	429.2	276.6	142.8	99.6	0.0	0.0	0.0	2.4	0.0	4.5	31.0	0.0	0.0	0.0
08	82.7	61.9	72.3	2.7	2.3	2.4	536.2	474.2	381.7	233.1	108.8	72.4	0.0	0.0	0.6	6.9	0.0	2.8	31.0	0.0	0.0	0.0
09	75.9	54.9	65.4	3.1	2.6	2.6	321.6	267.9	193.7	96.0	36.3	22.9	9.7	16.1	31.8	84.1	0.0	1.1	30.0	0.0	0.0	0.0
10	63.4	44.0	53.7	2.5	2.5	2.3	92.7	68.0	40.3	13.2	3.4	1.9	133.0	170.2	235.6	363.5	0.0	0.0	27.5	0.0	2.9	0.0
11	50.7	34.2	42.5	4.9	3.0	3.8	13.5	7.7	2.9	0.4	0.0	0.0	389.9	444.2	529.3	676.8	0.0	0.0	15.1	1.7	14.2	0.0
12	39.9	26.1	33.0	4.8	4.4	4.5	1.5	0.8	0.3	0.0	0.0	0.0	683.4	744.7	837.1	991.9	0.0	0.0	5.6	9.4	24.1	0.3
Summary	61.2	42.1	51.7	3.8	3.4	3.4	2315	1980	1520	870	394	261	3495	3890	4525	5700	0.0	10.7	246.5	39.6	120.3	3.3

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	2.92	17.8	7.4	1.5	0.2	1.95	2.68	3.53
02	2.44	14.5	6.8	1.2	0.2	1.91	2.10	2.60
03	3.23	14.2	7.8	1.9	0.4	2.61	3.01	3.82
04	3.86	14.6	9.0	2.3	0.8	2.90	3.63	4.87
05	4.13	14.1	8.6	2.5	0.9	2.76	3.80	5.48
06	4.43	12.4	8.2	3.2	1.1	3.00	4.08	5.89
07	4.14	11.8	7.2	2.7	1.1	2.08	3.19	6.04
08	3.61	10.1	6.4	2.2	0.9	1.79	3.50	4.87
09	3.50	9.9	6.3	2.4	0.9	2.45	3.49	4.19
10	3.34	12.0	6.9	2.3	0.6	2.14	3.61	4.38
11	3.08	12.5	7.0	1.6	0.4	2.21	2.81	3.50
12	2.89	16.0	7.2	1.7	0.3	2.27	2.91	3.43
Summary	41.57	159.9	88.8	25.5	7.8	28.07	38.81	52.60

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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	13.4	13.3	4.6	0.9	0.3	0.0	15.7	8.5	4.7	0.6	8.0	12.2	18.9
02	12.0	10.0	4.0	1.1	0.3	0.0	12.8	7.2	4.5	0.5	7.4	10.4	16.3
03	7.6	6.7	2.7	0.6	0.2	0.0	5.9	2.2	1.0	0.2	3.0	6.4	10.2
04	1.7	2.0	0.6	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0	1.1	2.2
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	3.3	3.4	1.2	0.2	0.1	0.0	2.0	0.6	0.1	0.0	0.3	2.1	5.4
12	8.9	9.5	3.2	0.6	0.2	0.0	8.8	3.6	1.3	0.2	4.5	7.8	13.5
Summary	47.2	45.3	16.4	3.5	1.1	0.0	45.8	22.1	11.6	1.5	23.2	40.0	66.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	28.1	31.7	122.3	343.2	661.9	896.9	1049.3	1001.2	761.9	428.9	156.5	45.2
45	11.2	13.2	68.3	225.6	508.5	746.9	894.3	846.2	612.1	289.5	82.5	18.7
50	3.9	5.0	34.3	132.3	361.4	597.0	739.3	691.2	463.7	174.6	37.6	6.4
55	0.8	1.6	15.0	67.1	232.5	448.3	584.3	536.2	321.6	92.7	13.5	1.5
60	0.0	0.6	5.2	27.6	133.7	304.9	429.2	381.7	193.7	40.3	2.9	0.3
Growing Degree Units for Corn (Monthly)												
50/86	13.0	17.7	73.3	202.2	402.0	590.9	715.9	675.1	475.2	235.7	78.2	19.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	28	60	182	525	1187	2084	3133	4135	4896	5325	5482	5527
45	11	24	93	318	827	1574	2468	3314	3926	4216	4298	4317
50	4	9	43	176	537	1134	1873	2564	3028	3203	3240	3247
55	1	2	17	84	317	765	1350	1886	2207	2300	2314	2315
60	0	1	6	33	167	472	901	1283	1477	1517	1520	1520
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	31	104	306	708	1299	2015	2690	3165	3401	3479	3499

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

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