

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 07/04/2022

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	29.1	15.0	22.0	4.0	5.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1021.3	1083.3	1176.2	1331.2	0.0	0.0	0.9	19.4	29.9	4.1
02	32.0	15.4	23.7	4.5	5.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	876.3	932.3	1016.3	1156.2	0.0	0.0	1.1	14.4	27.2	3.7
03	42.6	23.4	33.0	5.0	4.6	4.6	6.2	4.3	2.3	0.4	0.0	0.0	688.2	748.4	839.3	992.4	0.0	0.0	8.4	5.2	26.4	0.8
04	55.9	34.5	45.2	4.1	2.7	3.2	24.7	16.6	8.3	2.4	0.4	0.2	318.7	370.6	452.3	596.4	0.0	0.0	21.2	0.4	14.3	0.0
05	68.5	45.6	57.0	3.7	2.9	3.1	144.9	112.3	73.0	30.8	9.1	4.6	81.4	110.8	164.5	277.3	0.0	0.3	30.3	0.0	1.6	0.0
06	78.1	55.6	66.9	2.5	2.1	2.0	360.6	304.7	226.6	116.2	45.6	28.3	5.3	9.4	21.3	60.9	0.0	3.1	30.0	0.0	0.0	0.0
07	82.2	59.3	70.8	2.9	2.6	2.7	488.3	426.5	334.9	192.4	83.1	52.4	0.1	0.4	1.8	14.2	0.0	4.2	31.0	0.0	0.0	0.0
08	80.1	57.8	69.0	2.6	2.6	2.4	432.5	371.0	280.8	146.9	53.2	31.2	0.2	0.7	3.5	24.6	0.0	2.4	31.0	0.0	0.0	0.0
09	72.9	49.7	61.3	3.4	2.7	2.8	217.5	172.7	115.8	49.3	13.9	7.0	28.5	43.7	76.9	160.5	0.0	0.9	29.9	0.0	0.6	0.0
10	60.0	39.4	49.7	3.3	2.8	2.8	48.6	33.8	17.8	5.1	1.3	0.6	212.9	260.1	337.1	479.4	0.0	0.1	26.2	0.0	8.1	0.0
11	45.8	29.7	37.7	4.7	3.3	3.9	2.8	1.4	0.4	0.0	0.0	0.0	520.3	578.8	667.8	817.4	0.0	0.0	11.8	2.3	20.4	0.0
12	34.5	21.9	28.2	4.2	4.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	830.7	892.7	985.7	1140.7	0.0	0.0	1.9	12.1	27.9	0.7
Summary	56.8	37.3	47.0	3.7	3.5	3.4	1726	1443	1060	544	207	124	4584	5031	5743	7051	0.0	11.0	223.7	53.8	156.4	9.3

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	2.17	12.5	5.8	1.3	0.2	1.29	2.11	2.87
02	1.76	9.9	4.4	0.8	0.3	0.96	1.66	1.97
03	2.10	9.3	4.8	1.3	0.2	1.05	2.04	2.91
04	3.46	11.9	6.9	2.5	0.8	2.05	3.13	4.52
05	3.73	12.0	7.5	2.5	0.7	2.84	3.48	4.50
06	3.64	10.5	6.8	2.3	0.8	2.42	3.39	4.63
07	3.26	10.1	5.9	2.0	0.7	1.99	2.82	3.94
08	3.71	10.1	6.2	2.4	1.0	2.66	3.36	4.79
09	2.73	9.7	5.9	1.7	0.6	1.32	2.65	3.66
10	3.24	12.0	6.6	2.0	0.5	2.32	2.87	3.97
11	2.66	11.3	5.5	1.8	0.5	1.55	2.62	3.12
12	2.04	11.9	5.3	1.2	0.1	1.25	1.98	2.55
Summary	34.50	131.2	71.6	21.8	6.4	21.70	32.11	43.43

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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	10.70	8.1	3.9	0.9	0.4	0.0	23.3	15.7	9.8	1.4	7.20	10.40	13.50
02	9.90	6.5	3.3	1.0	0.5	0.1	20.7	15.4	10.1	3.4	5.60	9.40	12.70
03	5.40	3.4	1.7	0.6	0.2	0.0	10.7	7.2	4.4	0.5	1.90	4.30	9.50
04	2.10	1.4	0.7	0.2	0.0	0.0	1.1	0.2	0.0	0.0	0.00	1.60	3.90
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	0.30	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.70	1.7	0.9	0.3	0.1	0.0	2.3	0.9	0.3	0.0	0.00	1.10	3.80
12	8.20	6.0	3.1	0.9	0.4	0.0	14.1	8.7	3.7	1.0	4.10	8.00	10.20
Summary	39.3	27.2	13.7	3.9	1.6	0.1	72.3	48.1	28.3	6.3	18.8	34.8	53.6

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## Summary of Monthly Normals 1991-2020

Generated on 07/04/2022

<b>Growing Degree Units (Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	2.5	5.3	53.4	203.9	529.1	805.3	953.1	897.3	638.9	314.7	76.4	9.4
45	0.3	1.4	26.5	113.4	380.8	655.4	798.2	742.4	490.3	194.5	33.3	2.5
50	0.1	0.3	13.0	56.0	248.7	506.1	643.2	587.4	346.7	105.5	11.2	0.4
55	0.0	0.0	6.2	24.7	144.9	360.6	488.3	432.5	217.5	48.6	2.8	0.0
60	0.0	0.0	2.3	8.3	73.0	226.6	334.9	280.8	115.8	17.8	0.4	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	1.0	2.2	35.9	126.3	314.9	510.7	629.7	582.9	387.6	175.6	38.2	3.5

<b>Growing Degree Units (Accumulated Monthly)</b>												
<b>Base</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
40	2	8	61	265	794	1600	2553	3450	4089	4404	4480	4489
45	0	2	28	142	522	1178	1976	2718	3209	3403	3437	3439
50	0	0	13	69	318	824	1467	2055	2402	2507	2518	2519
55	0	0	6	31	176	536	1025	1457	1675	1723	1726	1726
60	0	0	2	11	84	310	645	926	1042	1059	1060	1060
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	1	3	39	165	480	991	1621	2204	2591	2767	2805	2808

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

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