

**Summary of Monthly Normals**  
**1991-2020**  
Generated on 10/19/2021

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	31.2	15.7	23.4	4.8	5.4	5.0	0.3	0.2	0.0	0.0	0.0	0.0	978.0	1039.6	1132.4	1287.6	0.0	0.0	2.8	15.9	28.1	4.4
02	35.6	19.3	27.4	5.7	6.0	5.7	0.2	0.1	0.0	0.0	0.0	0.0	771.4	827.2	911.1	1051.2	0.0	0.0	3.2	10.7	24.7	2.6
03	47.7	28.9	38.3	5.5	4.8	5.1	13.3	9.7	5.9	2.3	0.5	0.2	531.0	589.4	678.7	830.0	0.0	0.0	12.8	3.4	20.9	0.4
04	60.9	39.6	50.3	4.1	3.1	3.5	63.5	45.8	26.1	8.2	1.4	0.5	206.0	248.4	318.6	450.7	0.0	0.0	24.3	0.1	6.2	0.0
05	72.1	51.0	61.6	4.2	3.7	3.8	243.8	200.6	144.3	73.5	29.5	18.8	40.8	59.7	96.3	180.5	0.0	1.3	30.5	0.0	0.3	0.0
06	81.7	61.2	71.4	2.6	2.4	2.3	494.9	436.3	350.3	218.3	110.5	77.4	1.6	3.1	7.2	25.0	0.0	4.8	30.0	0.0	0.0	0.0
07	84.9	65.0	75.0	3.3	3.0	3.1	618.3	556.3	463.5	311.7	174.2	127.5	0.0	0.1	0.3	3.4	0.3	7.0	31.0	0.0	0.0	0.0
08	82.7	63.0	72.8	2.6	3.2	2.7	553.3	491.3	399.0	249.0	120.9	81.6	0.0	0.1	0.8	5.7	0.0	3.6	31.0	0.0	0.0	0.0
09	77.4	54.8	66.1	3.4	2.8	2.9	342.9	289.5	216.1	114.4	47.3	29.8	10.1	16.8	33.4	81.6	0.0	2.9	30.0	0.0	0.0	0.0
10	64.4	42.8	53.6	2.9	2.4	2.4	101.9	77.1	47.6	17.4	5.7	3.4	145.3	182.6	246.1	370.8	0.0	0.1	28.2	0.0	4.3	0.0
11	49.0	31.6	40.3	5.7	4.5	5.0	11.5	6.8	2.5	0.3	0.0	0.0	452.4	507.7	593.5	741.3	0.0	0.0	14.1	2.5	16.1	0.0
12	36.7	21.5	29.1	5.0	5.6	5.2	0.9	0.4	0.0	0.0	0.0	0.0	803.6	865.0	957.6	1112.7	0.0	0.0	4.1	10.3	26.4	1.2
Summary	60.4	41.2	50.8	4.2	3.9	3.9	2445	2114	1655	995	490	339	3940	4340	4976	6140	0.3	19.7	242.0	42.9	127.0	8.6

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	2.09	10.0	5.0	1.0	0.4	1.23	1.85	3.05
02	1.79	8.2	4.1	1.1	0.3	0.88	1.44	2.25
03	2.23	9.2	5.3	1.3	0.4	1.25	1.94	3.12
04	3.34	10.8	6.9	2.2	0.5	2.03	2.91	4.65
05	4.39	13.4	8.5	3.1	0.9	3.50	4.49	5.46
06	4.72	11.2	7.3	3.1	1.6	2.97	3.82	5.51
07	4.92	9.3	6.5	3.1	1.5	2.60	4.45	6.59
08	4.01	9.5	6.1	3.0	1.5	2.45	3.30	4.73
09	3.55	8.1	5.2	2.3	0.9	1.66	2.76	3.85
10	3.23	10.2	5.8	2.0	0.6	1.79	2.42	4.18
11	2.50	8.1	5.0	1.5	0.5	1.53	1.98	3.36
12	2.02	9.4	4.8	1.2	0.4	1.32	1.76	2.38
Summary	38.79	117.4	70.5	24.9	9.5	23.21	33.12	49.13

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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	7.4	5.9	3.3	0.9	0.2	0.0	14.4	8.0	4.0	0.5	4.3	6.5	10.6
02	7.5	4.3	2.3	0.8	0.3	0.0	10.7	7.2	3.7	0.9	1.3	4.1	15.9
03	2.9	1.8	1.0	0.4	0.1	0.0	3.2	1.9	0.9	0.0	0.1	1.6	3.8
04	0.5	0.5	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.0
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	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	1.1	1.0	0.4	0.1	0.0	0.0	1.1	0.3	0.0	0.0	0.0	0.1	2.0
12	5.3	4.0	2.0	0.4	0.1	0.0	7.1	3.3	0.9	0.1	1.9	2.8	7.9
Summary	24.7	17.6	9.3	2.6	0.7	0.0	36.9	20.7	9.5	1.5	7.6	15.1	41.2

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## Summary of Monthly Normals 1991-2020

Generated on 10/19/2021

<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	9.8	19.9	106.9	331.8	668.3	943.2	1083.2	1018.2	782.8	429.0	130.6	22.5
45	2.2	7.6	58.2	217.2	515.6	793.2	928.2	863.2	633.0	293.9	68.1	7.7
50	0.7	2.1	29.6	126.2	370.0	643.3	773.2	708.2	485.0	183.8	31.8	2.9
55	0.3	0.2	13.3	63.5	243.8	494.9	618.3	553.3	342.9	101.9	11.5	0.9
60	0.0	0.0	5.9	26.1	144.3	350.3	463.5	399.0	216.1	47.6	2.5	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	5.4	11.8	65.7	192.0	400.9	627.3	744.4	694.3	497.8	249.8	68.7	11.1

<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	10	30	137	468	1137	2080	3163	4181	4964	5393	5524	5546
45	2	10	68	285	801	1594	2522	3385	4018	4312	4380	4388
50	1	3	32	159	529	1172	1945	2653	3138	3322	3354	3357
55	0	0	14	77	321	816	1434	1988	2330	2432	2444	2445
60	0	0	6	32	176	527	990	1389	1605	1653	1655	1655
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	5	17	83	275	676	1303	2048	2742	3240	3489	3558	3569

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

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