

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 11/29/2021

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	38.8	25.5	32.2	4.9	4.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	708.3	770.3	863.2	1018.2	0.0	0.0	2.7	6.4	25.5	0.5
02	46.0	29.0	37.5	3.8	3.0	3.2	0.1	0.0	0.0	0.0	0.0	0.0	490.0	546.0	629.9	769.9	0.0	0.0	9.2	1.3	20.1	0.0
03	55.5	34.9	45.2	3.3	2.1	2.4	5.3	2.4	0.5	0.0	0.0	0.0	309.2	368.3	459.5	614.0	0.0	0.0	23.3	0.1	11.2	0.0
04	62.3	39.6	50.9	3.1	2.4	2.6	40.4	26.1	13.0	3.1	0.4	0.2	161.8	207.5	284.4	424.4	0.0	0.1	28.3	0.0	5.2	0.0
05	72.3	47.5	59.9	3.7	2.1	2.7	192.9	151.8	100.5	42.0	11.4	5.8	41.0	62.0	103.7	200.3	0.0	1.4	30.9	0.0	0.8	0.0
06	81.4	54.1	67.8	3.6	2.4	2.8	386.6	331.1	252.9	143.4	66.7	45.1	4.0	8.5	20.3	60.8	0.8	6.6	30.0	0.0	0.0	0.0
07	92.7	61.9	77.3	3.9	3.3	3.6	691.1	629.2	536.5	386.2	246.3	194.9	0.0	0.1	0.5	5.2	5.5	22.1	31.0	0.0	0.0	0.0
08	90.7	60.8	75.8	2.5	2.3	2.2	643.3	581.7	490.1	341.3	204.9	156.5	0.2	0.5	1.9	8.2	2.6	19.5	31.0	0.0	0.0	0.0
09	80.0	52.6	66.3	2.6	2.3	2.3	348.2	294.1	219.5	119.0	49.6	31.5	9.2	15.2	30.7	80.2	0.2	4.8	30.0	0.0	0.2	0.0
10	64.8	41.5	53.2	3.1	3.0	2.9	77.9	56.6	32.9	10.1	2.0	0.9	135.2	175.9	245.3	377.4	0.0	0.3	29.3	0.0	3.7	0.0
11	48.8	31.7	40.3	4.3	3.3	3.6	2.7	1.1	0.4	0.0	0.0	0.0	445.1	503.6	592.8	742.4	0.0	0.0	13.9	1.6	16.3	0.0
12	38.8	25.4	32.1	3.5	3.8	3.5	0.1	0.0	0.0	0.0	0.0	0.0	709.8	771.7	864.6	1019.6	0.0	0.0	3.1	6.8	25.2	0.3
Summary	64.3	42.0	53.2	3.5	2.9	3.1	2389	2074	1646	1045	581	435	3014	3430	4097	5321	9.1	54.8	262.7	16.2	108.2	0.8

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	1.41	11.1	5.1	0.4	0.0	0.94	1.35	1.74
02	1.00	9.1	3.8	0.1	0.0	0.52	0.85	1.26
03	1.33	10.1	4.8	0.3	0.0	0.60	1.28	1.88
04	1.23	9.2	4.1	0.3	0.0	0.81	1.14	1.64
05	1.45	8.4	3.9	0.6	0.0	0.78	1.12	1.87
06	0.75	5.3	2.4	0.3	0.0	0.22	0.47	0.93
07	0.21	2.3	0.6	0.1	0.0	0.03	0.10	0.28
08	0.17	2.1	0.4	0.1	0.0	0.00	0.06	0.24
09	0.43	3.9	1.4	0.1	0.0	0.06	0.28	0.59
10	0.81	6.0	2.4	0.3	0.0	0.43	0.76	1.03
11	1.18	9.7	4.1	0.2	0.0	0.70	1.22	1.71
12	1.54	12.0	4.8	0.5	0.0	0.93	1.34	1.78
Summary	11.51	89.2	37.8	3.3	0.0	6.02	9.97	14.95

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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	5.3	5.2	1.8	0.3	0.1	0.0	6.4	3.0	1.5	0.2	1.5	3.2	8.6
02	3.3	3.3	1.2	0.3	0.0	0.0	2.6	0.9	0.1	0.0	0.4	2.9	5.5
03	1.2	1.6	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.7	1.8
04	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	2.0	2.2	0.8	0.1	0.0	0.0	1.8	0.3	0.2	0.0	0.0	1.1	3.3
12	5.6	5.5	1.7	0.5	0.1	0.0	5.9	2.0	1.0	0.0	1.9	4.9	8.5
Summary	17.6	18.2	6.1	1.2	0.2	0.0	17.2	6.2	2.8	0.2	3.8	12.8	27.7

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## Summary of Monthly Normals 1991-2020

Generated on 11/29/2021

<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	14.5	49.9	187.3	331.3	616.8	832.6	1156.0	1108.1	788.9	414.7	102.2	21.0
45	2.1	14.2	86.0	199.5	463.0	682.6	1001.1	953.2	639.1	274.5	42.4	6.4
50	0.2	2.3	27.7	100.5	317.7	532.8	846.1	798.2	491.0	158.7	14.2	1.1
55	0.0	0.1	5.3	40.4	192.9	386.6	691.1	643.3	348.2	77.9	2.7	0.1
60	0.0	0.0	0.5	13.0	100.5	252.9	536.5	490.1	219.5	32.9	0.4	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	3.6	24.0	103.9	189.1	366.0	517.5	727.6	705.9	494.0	240.8	48.1	6.5

<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	14	64	252	583	1200	2032	3188	4296	5085	5500	5602	5623
45	2	16	102	302	765	1447	2448	3402	4041	4315	4358	4364
50	0	2	30	131	448	981	1827	2626	3116	3275	3289	3290
55	0	0	5	46	239	625	1316	1960	2308	2386	2388	2389
60	0	0	0	14	114	367	903	1394	1613	1646	1646	1646
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	4	28	132	321	687	1204	1932	2638	3132	3372	3420	3427

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

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