

**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	31.1	16.6	23.9	4.6	5.3	4.9	0.1	0.0	0.0	0.0	0.0	0.0	965.6	1027.4	1120.3	1275.5	0.0	0.0	2.0	16.3	28.1	4.4
02	35.4	19.8	27.6	5.7	6.1	5.7	0.3	0.1	0.0	0.0	0.0	0.0	767.5	823.2	907.0	1047.1	0.0	0.0	3.4	10.6	24.9	2.0
03	47.0	29.2	38.1	5.1	4.3	4.6	10.8	7.2	4.0	1.3	0.2	0.0	534.8	593.1	682.9	835.2	0.0	0.0	11.9	3.4	21.1	0.2
04	59.9	38.9	49.4	3.9	3.0	3.3	49.4	34.5	18.6	5.3	0.9	0.4	217.4	262.5	336.6	473.3	0.0	0.0	24.7	0.1	6.3	0.0
05	71.0	49.4	60.2	3.7	3.4	3.4	206.8	165.9	113.8	53.8	19.2	11.1	45.7	66.7	107.7	202.6	0.0	0.8	30.4	0.0	0.1	0.0
06	80.3	59.9	70.1	2.3	2.1	2.1	454.3	395.7	310.8	182.4	85.0	56.6	1.4	2.8	8.0	29.5	0.0	3.7	30.0	0.0	0.0	0.0
07	83.6	64.1	73.9	3.0	2.9	2.8	584.3	522.3	429.5	277.5	141.5	97.2	0.0	0.0	0.3	3.3	0.2	5.5	31.0	0.0	0.0	0.0
08	81.8	62.9	72.3	2.4	2.9	2.5	537.8	475.9	383.6	233.5	106.4	68.5	0.0	0.1	0.9	5.7	0.0	3.0	31.0	0.0	0.0	0.0
09	76.2	55.3	65.7	3.0	2.5	2.6	332.5	278.8	204.8	105.0	40.7	24.8	10.1	16.4	32.5	82.6	0.0	1.9	30.0	0.0	0.0	0.0
10	63.3	43.4	53.3	2.9	2.5	2.4	92.6	68.5	40.5	13.4	3.2	1.7	143.7	181.7	246.7	374.5	0.0	0.0	27.9	0.0	3.2	0.0
11	48.5	32.3	40.4	5.5	4.0	4.6	10.2	5.8	2.0	0.3	0.0	0.0	448.2	503.8	590.0	738.3	0.0	0.0	13.6	2.2	15.9	0.0
12	36.4	22.4	29.4	4.9	5.5	5.0	0.9	0.5	0.1	0.0	0.0	0.0	794.4	855.9	948.5	1103.5	0.0	0.0	3.6	10.1	26.2	1.3
Summary	59.5	41.2	50.4	3.9	3.7	3.7	2280	1955	1508	872	397	260	3929	4334	4981	6171	0.2	14.9	239.5	42.7	125.8	7.9

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	1.99	11.4	4.7	1.0	0.3	1.13	1.84	2.76
02	1.78	9.3	4.5	1.0	0.3	0.93	1.47	2.24
03	2.27	10.2	5.4	1.3	0.4	1.26	1.96	3.19
04	3.93	12.3	6.9	2.7	0.7	2.35	4.08	4.82
05	4.53	12.4	8.2	3.1	1.0	3.62	4.53	5.24
06	4.30	10.6	7.1	2.7	1.0	1.87	4.06	5.98
07	4.55	9.2	6.3	2.9	1.4	2.35	4.11	5.33
08	3.97	9.2	6.1	2.8	1.1	2.12	3.65	4.68
09	3.17	8.0	5.1	2.0	1.0	1.81	2.19	3.64
10	3.14	9.5	5.5	2.2	0.6	1.84	2.38	4.06
11	2.46	9.9	5.3	1.6	0.3	1.44	1.74	3.16
12	1.94	10.6	5.2	1.2	0.2	1.27	1.61	2.37
Summary	38.03	122.6	70.3	24.5	8.3	21.99	33.62	47.47

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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	5.0	4.2	2.5	0.9	0.3	0.0	11.6	6.6	3.5	1.6	3.1	5.2	7.0
02	6.2	3.4	1.8	0.8	0.1	0.0	7.6	4.5	1.7	0.3	0.6	3.6	9.0
03	2.1	1.2	0.7	0.3	0.1	0.0	2.0	0.9	0.2	0.0	0.0	0.6	4.0
04	0.1	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.3	0.4	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.2
12	3.2	2.7	1.6	0.6	0.2	0.0	6.2	3.2	1.4	0.3	0.9	2.0	3.7
Summary	16.9	12.0	6.7	2.6	0.7	0.0	27.7	15.2	6.8	2.2	4.6	11.4	23.9

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## Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

<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	8.3	18.6	102.7	305.2	626.4	902.8	1049.2	1002.7	772.4	421.0	127.4	21.5
45	2.3	7.0	55.3	190.7	473.6	752.8	894.2	847.7	622.7	284.8	65.4	7.3
50	0.5	2.1	26.8	103.9	329.9	603.1	739.3	692.8	474.9	174.2	28.8	2.7
55	0.1	0.3	10.8	49.4	206.8	454.3	584.3	537.8	332.5	92.6	10.2	0.9
60	0.0	0.0	4.0	18.6	113.8	310.8	429.5	383.6	204.8	40.5	2.0	0.1
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	3.8	10.4	60.4	174.8	371.1	594.3	719.1	681.1	484.8	232.5	62.9	9.4

<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	8	27	130	435	1061	1964	3013	4016	4788	5209	5337	5358
45	2	9	65	255	729	1482	2376	3224	3846	4131	4196	4204
50	0	3	29	133	463	1066	1806	2498	2973	3147	3176	3179
55	0	0	11	61	267	722	1306	1844	2176	2269	2279	2280
60	0	0	4	23	136	447	877	1260	1465	1506	1508	1508
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	4	14	75	249	620	1215	1934	2615	3100	3332	3395	3405

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

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