

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 10/22/2021

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	33.6	15.2	24.4	5.2	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	948.4	1010.4	1103.4	1258.4	0.0	0.0	3.2	14.1	29.7	4.6
02	38.6	19.3	28.9	6.6	5.6	5.9	1.1	0.6	0.2	0.0	0.0	0.0	730.3	785.8	869.5	1009.3	0.0	0.0	5.4	10.2	25.6	2.2
03	52.1	30.0	41.0	6.0	4.6	5.0	21.3	14.6	7.7	2.3	0.4	0.2	453.8	509.2	595.3	744.8	0.0	0.0	17.3	2.6	19.9	0.5
04	64.1	41.1	52.6	3.7	3.4	3.4	86.6	63.8	38.2	14.1	3.3	1.5	158.6	195.9	260.3	386.2	0.0	0.3	26.2	0.1	6.3	0.0
05	74.6	52.7	63.6	3.6	2.8	3.0	289.9	240.6	174.8	90.3	36.7	23.6	21.8	34.5	61.6	132.2	0.1	1.7	30.8	0.0	0.3	0.0
06	84.4	63.4	73.9	2.9	2.4	2.5	567.1	507.4	419.1	277.6	153.6	113.2	0.2	0.5	2.2	10.8	0.1	7.3	30.0	0.0	0.0	0.0
07	88.1	68.0	78.1	3.6	2.8	3.0	714.5	652.5	559.5	405.0	256.8	202.2	0.0	0.0	0.0	0.5	1.0	11.7	31.0	0.0	0.0	0.0
08	85.8	65.6	75.7	2.7	2.6	2.5	641.6	579.7	486.8	334.8	194.2	145.6	0.0	0.0	0.2	3.2	0.4	7.9	31.0	0.0	0.0	0.0
09	79.1	56.1	67.6	3.4	3.4	3.1	386.5	332.1	255.6	148.4	71.0	49.3	8.7	14.2	27.7	70.5	0.0	3.9	30.0	0.0	0.1	0.0
10	65.5	43.2	54.4	3.9	2.6	3.1	115.0	87.3	54.8	20.7	5.9	3.3	135.2	169.5	230.0	350.9	0.0	0.3	27.8	0.1	4.4	0.0
11	50.3	30.2	40.2	5.9	4.1	4.8	11.5	7.3	3.3	0.3	0.0	0.0	454.0	509.8	595.8	742.8	0.0	0.0	15.7	2.8	19.1	0.1
12	37.7	19.8	28.7	4.7	4.3	4.3	0.2	0.1	0.0	0.0	0.0	0.0	813.7	875.6	968.6	1123.6	0.0	0.0	4.9	10.3	29.0	2.0
Summary	62.8	42.1	52.4	4.4	3.6	3.8	2835	2486	2000	1294	722	539	3725	4105	4715	5833	1.6	33.1	253.3	40.2	134.4	9.4

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	0.75	6.9	2.3	0.2	0.0	0.41	0.69	1.11
02	0.95	7.3	2.7	0.4	0.0	0.59	0.87	1.30
03	1.79	8.0	4.0	1.2	0.2	0.88	1.46	2.62
04	3.17	10.5	5.9	2.2	0.7	2.37	3.25	3.72
05	4.66	12.8	7.8	3.4	1.3	2.80	4.55	5.64
06	4.44	11.0	7.2	2.8	1.2	2.63	3.66	6.55
07	3.55	9.9	6.0	2.4	1.0	2.15	2.95	4.43
08	4.60	8.9	5.8	2.7	1.6	1.95	3.81	6.54
09	2.96	7.8	4.8	1.9	0.9	1.60	2.41	4.06
10	2.32	7.2	4.3	1.6	0.6	1.06	2.00	3.40
11	1.45	6.0	3.0	0.8	0.3	0.69	1.31	2.24
12	1.22	6.8	2.8	0.7	0.1	0.52	0.90	1.74
Summary	31.86	103.1	56.6	20.3	7.9	17.65	27.86	43.35

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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	7.2	5.6	2.2	0.7	0.3	0.0	13.8	8.8	5.3	1.1	3.4	6.5	10.8
02	7.8	5.7	2.3	0.7	0.4	0.0	11.3	7.5	3.8	0.8	5.2	7.8	9.6
03	3.0	2.4	0.7	0.4	0.1	0.0	3.5	1.8	1.1	0.2	0.3	1.9	4.3
04	1.0	0.9	0.3	0.1	0.1	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.8
05	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
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	0.5	0.4	0.2	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0
11	1.7	1.8	0.7	0.1	0.0	0.0	1.9	0.5	0.1	0.0	0.0	1.4	2.4
12	5.8	4.8	1.9	0.6	0.3	0.0	8.5	5.2	2.4	0.5	2.9	4.1	6.6
Summary	27.1	21.7	8.4	2.6	1.2	0.0	39.7	24.1	12.8	2.6	11.8	21.7	34.5

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## Summary of Monthly Normals 1991-2020

Generated on 10/22/2021

<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	7.0	28.2	158.6	393.7	733.2	1016.8	1179.4	1106.6	827.9	456.2	129.4	16.3
45	1.2	11.4	89.6	266.8	578.8	866.8	1024.4	951.6	678.1	320.9	65.4	4.1
50	0.1	4.1	46.3	162.6	428.0	716.8	869.3	796.5	529.6	204.3	28.7	0.8
55	0.0	1.1	21.3	86.6	289.9	567.1	714.5	641.6	386.5	115.0	11.5	0.2
60	0.0	0.2	7.7	38.2	174.8	419.1	559.5	486.8	255.6	54.8	3.3	0.0
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	8.2	23.8	111.2	235.3	449.4	684.1	810.4	756.5	531.2	271.4	81.9	13.3

<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	7	35	194	588	1321	2338	3517	4624	5451	5908	6037	6053
45	1	13	102	369	948	1815	2839	3791	4469	4790	4855	4859
50	0	4	50	213	641	1358	2227	3024	3553	3758	3786	3787
55	0	1	22	109	399	966	1680	2322	2709	2824	2835	2835
60	0	0	8	46	221	640	1200	1686	1942	1997	2000	2000
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	8	32	143	378	828	1512	2322	3079	3610	3882	3963	3977

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

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