

**Summary of Monthly Normals**  
**1981-2010**  
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	57.3	35.6	46.5	4.0	3.7	3.7	40	29	16	4	-7777	-7777	304	355	436	579	0.0	0.0	22.0	0.4	12.1	0.0
02	61.6	39.4	50.5	4.2	3.0	3.4	58	42	24	7	1	-7777	184	224	290	413	0.0	0.0	23.3	0.2	6.5	0.0
03	69.7	46.2	58.0	3.0	2.9	2.8	164	127	81	32	9	5	73	98	145	250	0.0	0.1	29.8	0.0	1.7	0.0
04	78.0	53.6	65.8	2.9	2.8	2.6	334	280	206	104	38	22	10	16	32	80	0.0	1.0	30.0	0.0	0.1	0.0
05	85.4	62.8	74.1	2.3	2.5	2.0	592	530	437	288	156	111	-7777	-7777	-7777	6	0.1	7.8	31.0	0.0	0.0	0.0
06	91.5	69.6	80.6	2.4	1.7	1.7	766	706	616	466	317	259	0	0	0	-7777	0.9	19.9	30.0	0.0	0.0	0.0
07	94.1	72.0	83.0	1.7	1.1	1.2	869	807	714	559	405	343	0	0	0	0	2.2	26.7	31.0	0.0	0.0	0.0
08	94.2	71.1	82.6	2.8	2.0	2.2	857	795	702	547	392	331	0	0	0	0	3.2	25.6	31.0	0.0	0.0	0.0
09	89.0	64.4	76.7	2.5	2.5	2.1	651	591	502	357	221	171	-7777	-7777	1	6	0.7	15.0	30.0	0.0	0.0	0.0
10	79.3	53.0	66.2	2.6	3.6	2.2	355	299	223	120	49	30	9	15	32	84	0.0	2.1	30.9	0.0	0.2	0.0
11	68.5	44.3	56.4	3.3	3.0	2.7	133	102	65	24	5	3	91	120	173	282	0.0	0.0	28.9	0.0	3.4	0.0
12	59.0	37.3	48.2	4.6	4.4	4.3	53	39	23	7	1	1	265	314	390	530	0.0	0.0	24.1	0.4	10.2	0.0
Summary	77.3	54.1	65.7	3.0	2.8	2.6	4872	4347	3609	2515	1594	1276	936	1142	1499	2230	7.1	98.2	342.0	1.0	34.2	0.0

-7777: a non-zero value that would round to zero

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	5.01	9.9	6.3	3.2	1.5	2.91	4.07	5.89
02	4.63	9.4	6.4	3.2	1.8	2.39	4.45	6.77
03	4.72	9.2	6.3	3.4	1.6	3.08	4.81	6.23
04	4.50	7.7	5.2	2.9	1.5	2.78	3.65	5.12
05	5.19	9.4	6.2	3.4	1.4	2.45	3.99	7.94
06	4.68	9.1	6.7	3.4	1.4	2.12	4.57	6.31
07	3.57	8.4	5.3	2.4	1.0	1.72	2.74	5.75
08	3.18	7.4	4.6	2.0	0.8	1.88	2.96	4.32
09	3.63	7.1	4.3	2.1	0.9	1.79	3.03	4.61
10	4.78	8.2	5.4	2.9	1.6	1.22	3.90	7.65
11	4.84	8.5	5.8	2.9	1.6	2.33	4.08	7.78
12	5.29	9.8	6.5	3.3	1.6	3.18	4.26	7.12
Summary	54.02	104.1	69.0	35.1	16.7	27.85	46.51	75.49

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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	0.6	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
02	0.1	0.4	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
03	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
04	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.9	1.0	0.6	0.1	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0

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## Summary of Monthly Normals 1981-2010

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	248	311	559	774	1057	1216	1334	1322	1101	811	494	288
45	149	200	411	624	902	1066	1179	1167	951	656	355	178
50	81	115	277	476	747	916	1024	1012	801	503	232	102
55	40	58	164	334	592	766	869	857	651	355	133	53
60	16	24	81	206	437	616	714	702	502	223	65	23
<b>Growing Degree Units for Corn (Monthly)</b>												
50/86	154	187	341	497	715	827	898	882	736	529	308	176

<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	248	559	1118	1892	2949	4165	5499	6821	7922	8733	9227	9515
45	149	349	760	1384	2286	3352	4531	5698	6649	7305	7660	7838
50	81	196	473	949	1696	2612	3636	4648	5449	5952	6184	6286
55	40	98	262	596	1188	1954	2823	3680	4331	4686	4819	4872
60	16	40	121	327	764	1380	2094	2796	3298	3521	3586	3609
<b>Growing Degree Units for Corn (Monthly Accumulated)</b>												
50/86	154	341	682	1179	1894	2721	3619	4501	5237	5766	6074	6250

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

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