

**Summary of Monthly Normals
 1981-2010**
 Generated on 12/06/2021

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	52.2	38.7	45.5	3.7	4.1	3.8	19	11	5	-7777	0	0	315	369	456	606	0.0	0.0	18.3	0.8	8.0	0.0
02	53.5	40.0	46.8	2.9	2.4	2.5	17	10	4	-7777	0	0	248	297	375	511	0.0	0.0	17.2	0.1	4.5	0.0
03	58.6	44.6	51.6	2.9	3.2	2.9	56	37	18	3	-7777	-7777	161	205	278	419	0.0	0.0	25.0	-7777	2.0	0.0
04	66.3	52.6	59.5	2.6	2.2	2.3	171	130	79	25	4	1	37	57	96	191	0.0	0.0	29.5	0.0	-7777	0.0
05	73.7	60.5	67.1	2.2	2.7	2.3	376	317	234	115	35	17	1	4	13	50	0.0	0.0	31.0	0.0	0.0	0.0
06	81.0	69.3	75.1	1.8	2.4	2.0	604	545	455	308	170	120	0	-7777	-7777	3	0.0	0.3	30.0	0.0	0.0	0.0
07	84.6	73.6	79.1	1.3	1.4	1.2	747	685	592	437	282	221	0	0	0	-7777	0.0	1.3	31.0	0.0	0.0	0.0
08	84.1	72.9	78.5	1.6	1.9	1.6	728	666	573	418	264	203	0	0	0	0	0.0	0.6	31.0	0.0	0.0	0.0
09	79.9	69.0	74.5	1.5	1.9	1.7	583	524	434	286	150	102	-7777	-7777	-7777	3	0.0	0.1	30.0	0.0	0.0	0.0
10	72.0	59.7	65.8	2.6	3.2	2.8	343	286	206	98	31	17	6	12	25	72	0.0	0.0	31.0	0.0	0.0	0.0
11	64.0	51.2	57.6	3.1	3.4	3.2	141	106	63	21	3	1	63	88	135	243	0.0	0.0	28.4	0.0	0.4	0.0
12	55.9	42.7	49.3	4.5	4.1	4.2	44	29	14	3	-7777	-7777	220	268	346	489	0.0	0.0	22.0	0.2	3.8	0.0
Summary	68.8	56.2	62.5	2.6	2.7	2.5	3829	3346	2677	1714	939	682	1051	1300	1724	2587	0.0	2.3	324.4	1.1	18.7	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	5.24	10.6	7.7	3.4	1.6	3.12	4.64	6.53
02	4.02	10.5	6.6	2.8	1.2	2.68	3.74	5.16
03	4.77	10.3	6.8	3.1	1.4	2.36	4.01	6.92
04	3.64	8.8	5.5	2.6	1.0	1.96	3.38	4.15
05	3.57	8.8	5.5	2.3	0.9	1.67	3.14	4.90
06	4.03	10.1	6.7	2.8	0.9	2.33	3.66	5.33
07	4.99	11.6	7.9	3.1	1.4	3.19	4.64	6.29
08	6.93	11.2	8.1	3.9	2.1	4.16	6.73	9.00
09	6.25	9.6	6.7	3.4	2.1	3.80	6.14	8.37
10	5.38	8.9	5.9	3.0	1.6	2.09	4.33	8.30
11	4.95	9.6	6.5	3.0	1.4	2.93	4.44	5.57
12	4.27	10.4	6.5	3.0	1.3	3.33	4.52	5.67
Summary	58.04	120.4	80.4	36.4	16.9	33.62	53.37	76.19

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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	0.3	0.4	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.5
02	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
03	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
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	1.3	0.3	0.2	0.2	0.1	0.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0
Summary	1.7	1.0	0.3	0.2	0.1	0.0	0.8	0.4	0.1	0.0	0.0	0.0	0.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	218	211	366	583	840	1054	1212	1193	1033	801	529	310
45	122	114	232	435	685	904	1057	1038	883	646	384	191
50	56	51	127	293	530	754	902	883	733	492	250	101
55	19	17	56	171	376	604	747	728	583	343	141	44
60	5	4	18	79	234	455	592	573	434	206	63	14
Growing Degree Units for Corn (Monthly)												
50/86	91	85	166	315	533	752	892	876	732	499	274	136

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	218	429	795	1378	2218	3272	4484	5677	6710	7511	8040	8350
45	122	236	468	903	1588	2492	3549	4587	5470	6116	6500	6691
50	56	107	234	527	1057	1811	2713	3596	4329	4821	5071	5172
55	19	36	92	263	639	1243	1990	2718	3301	3644	3785	3829
60	5	9	27	106	340	795	1387	1960	2394	2600	2663	2677
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	91	176	342	657	1190	1942	2834	3710	4442	4941	5215	5351

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

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