

Summary of Monthly Normals 1981-2010

Generated on 09/19/2021

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	57.4	35.7	46.6	3.9	3.7	3.6	33	23	12	2	-7777	-7777	295	347	429	574	0.0	0.0	23.4	0.2	12.5	0.0
02	61.8	39.2	50.5	3.4	3.0	2.8	50	35	18	4	-7777	-7777	176	216	284	410	0.0	0.0	24.1	0.1	7.1	0.0
03	69.7	45.3	57.5	3.6	3.0	3.1	151	115	70	23	4	1	73	99	148	255	0.0	-7777	30.2	0.0	2.1	0.0
04	76.6	51.6	64.1	2.6	2.9	2.6	286	234	164	72	18	8	13	21	41	99	0.0	0.1	29.9	0.0	0.2	0.0
05	84.0	60.7	72.4	2.1	2.8	2.2	538	476	384	238	114	76	-7777	-7777	1	10	0.0	4.2	31.0	0.0	0.0	0.0
06	89.8	68.1	79.0	2.8	2.0	2.1	718	658	568	419	270	213	0	0	0	-7777	0.2	15.9	30.0	0.0	0.0	0.0
07	92.1	71.5	81.8	2.3	1.2	1.5	831	769	676	521	366	304	0	0	0	0	0.7	22.4	31.0	0.0	0.0	0.0
08	91.9	71.0	81.5	2.8	1.6	2.0	820	758	665	510	355	293	0	0	0	-7777	1.2	21.5	31.0	0.0	0.0	0.0
09	87.3	65.2	76.3	2.4	2.4	2.0	637	577	488	341	205	155	-7777	-7777	-7777	4	0.1	10.9	30.0	0.0	0.0	0.0
10	78.3	53.5	65.9	2.6	4.2	2.9	348	293	218	115	45	27	10	17	35	87	0.0	1.0	30.9	0.0	0.2	0.0
11	69.0	43.9	56.5	3.3	3.9	3.2	132	101	64	23	6	3	89	118	170	280	0.0	0.0	29.5	0.0	3.7	0.0
12	59.6	37.4	48.5	4.6	4.2	4.2	51	37	21	6	1	-7777	252	300	377	517	0.0	0.0	25.3	0.2	10.8	0.0
Summary	76.5	53.6	65.0	3.0	2.9	2.7	4595	4076	3348	2274	1384	1080	908	1118	1485	2236	2.2	76.0	346.3	0.5	36.6	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	4.65	10.1	7.1	3.3	1.4	2.67	4.60	6.12
02	5.28	8.9	6.5	3.3	1.8	3.30	5.30	7.62
03	5.95	8.7	6.4	3.9	2.0	3.67	5.46	8.38
04	4.02	7.7	5.1	2.7	1.3	2.21	3.35	5.63
05	3.54	7.6	5.2	2.3	1.2	2.67	3.35	4.25
06	4.07	9.7	6.2	2.8	1.1	2.02	2.89	5.57
07	5.24	11.5	8.4	3.4	1.7	2.88	5.28	7.69
08	3.96	9.1	5.6	2.5	1.3	2.48	3.83	4.46
09	3.97	6.9	4.7	2.3	1.3	1.99	3.70	5.03
10	2.92	6.7	4.1	2.4	0.9	1.93	3.13	3.58
11	4.61	7.5	5.5	3.3	1.6	2.60	4.16	6.36
12	4.86	9.8	7.1	3.5	1.6	3.30	4.46	5.53
Summary	53.07	104.2	71.9	35.7	17.2	31.72	49.51	70.22

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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	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
04	-7777	0.1	0.0	0.0	0.0	0.0	0.1	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	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.4	0.4	0.2	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	244	307	545	723	1003	1169	1296	1285	1087	803	495	293
45	142	194	396	573	848	1018	1141	1130	937	649	354	181
50	73	108	261	426	693	868	986	975	787	496	229	102
55	33	50	151	286	538	718	831	820	637	348	132	51
60	12	18	70	164	384	568	676	665	488	218	64	21
Growing Degree Units for Corn (Monthly)												
50/86	147	185	335	461	676	800	888	879	742	528	316	178

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	244	551	1096	1819	2822	3991	5287	6572	7659	8462	8957	9250
45	142	336	732	1305	2153	3171	4312	5442	6379	7028	7382	7563
50	73	181	442	868	1561	2429	3415	4390	5177	5673	5902	6004
55	33	83	234	520	1058	1776	2607	3427	4064	4412	4544	4595
60	12	30	100	264	648	1216	1892	2557	3045	3263	3327	3348
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	147	332	667	1128	1804	2604	3492	4371	5113	5641	5957	6135

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

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