

Summary of Monthly Normals
1981-2010
Generated on 09/23/2021

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	27.6	11.0	19.3	4.4	5.3	4.8	0	0	0	0	0	0	1107	1169	1262	1416	0.0	0.0	0.7	19.9	30.1	6.0
02	31.8	14.5	23.2	3.9	4.5	4.2	0	0	0	0	0	0	892	948	1032	1172	0.0	0.0	0.6	13.6	26.0	2.8
03	40.4	23.4	31.9	3.0	2.9	2.8	-7777	-7777	-7777	0	0	0	716	778	871	1026	0.0	0.0	4.2	5.1	25.3	0.5
04	53.1	34.6	43.9	2.6	1.9	2.2	9	5	2	-7777	-7777	-7777	344	400	487	635	0.0	-7777	18.0	0.3	10.3	0.0
05	65.2	44.6	54.9	3.3	1.7	2.3	84	58	31	9	2	1	87	123	189	322	0.0	0.3	29.2	0.0	0.5	0.0
06	73.8	54.2	64.0	2.7	1.7	2.0	277	224	152	64	19	10	7	14	32	94	0.0	0.7	29.9	0.0	0.0	0.0
07	79.2	59.9	69.5	2.4	1.8	2.0	451	389	298	157	56	32	-7777	-7777	2	16	0.0	1.3	31.0	0.0	0.0	0.0
08	78.0	58.5	68.3	2.2	1.6	1.8	411	350	260	127	42	23	-7777	1	4	26	0.0	1.0	31.0	0.0	0.0	0.0
09	69.6	50.5	60.0	2.2	2.0	1.9	179	137	84	30	8	4	28	46	83	178	0.0	0.3	29.9	0.0	0.1	0.0
10	57.2	39.6	48.4	2.5	2.2	2.2	24	15	6	1	-7777	-7777	229	281	366	515	0.0	0.0	24.6	0.0	5.3	0.0
11	45.2	30.6	37.9	2.7	2.5	2.5	2	1	-7777	0	0	0	515	574	663	813	0.0	0.0	9.0	2.1	17.8	0.0
12	33.5	18.6	26.1	4.0	4.7	4.3	-7777	-7777	-7777	0	0	0	897	959	1052	1207	0.0	0.0	1.7	13.8	28.1	1.4
Summary	54.6	36.7	45.6	3.0	2.7	2.8	1437	1179	833	388	127	70	4822	5293	6043	7420	0.0	3.6	209.8	54.8	143.5	10.7

-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	2.61	10.3	5.7	1.6	0.4	1.62	2.35	3.80
02	2.43	9.1	5.5	1.4	0.5	1.80	2.46	2.89
03	3.37	11.0	6.6	2.1	0.6	2.49	3.26	4.33
04	3.79	11.8	6.9	2.7	0.8	2.25	3.74	4.74
05	3.69	13.5	7.5	2.4	0.7	1.98	3.32	4.53
06	3.56	12.9	7.1	2.1	0.7	2.16	3.26	3.98
07	3.42	11.8	6.6	2.0	0.8	2.04	2.86	4.22
08	3.31	10.2	5.8	2.2	0.7	1.83	3.04	4.19
09	3.74	10.2	6.5	2.6	1.0	2.39	3.29	4.39
10	4.36	11.4	6.7	2.6	1.3	2.81	3.53	5.81
11	4.36	11.8	7.5	3.2	1.0	3.32	4.20	5.41
12	3.24	11.4	6.8	1.9	0.8	2.14	3.07	3.74
Summary	41.88	135.4	79.2	26.8	9.3	26.83	38.38	52.03

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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	19.0	8.7	5.1	2.7	1.3	0.1	25.5	20.9	16.6	9.4	14.7	20.0	21.8
02	14.8	6.9	4.3	1.8	0.7	0.2	23.1	20.4	16.6	9.7	7.2	13.7	21.1
03	15.2	6.1	3.8	1.8	1.1	0.2	16.6	12.6	9.6	5.5	6.2	12.7	24.4
04	4.5	1.9	1.0	0.6	0.4	0.1	2.3	1.6	0.8	0.1	0.0	2.0	7.6
05	-7777	-7777	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	0.3	0.3	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
11	3.6	2.8	1.5	0.4	0.1	0.0	2.9	1.6	0.5	0.0	0.4	1.7	6.3
12	13.9	6.9	4.2	1.7	0.8	-7777	16.5	11.4	8.0	2.2	6.9	10.9	20.6
Summary	71.3	33.6	20.0	9.1	4.4	0.6	87.0	68.6	52.1	26.9	35.4	61.0	101.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	3	19	155	463	720	916	876	601	271	70	8
45	1	-7777	5	74	313	570	761	721	452	153	28	2
50	-7777	-7777	1	29	180	421	606	566	307	70	9	1
55	0	0	-7777	9	84	277	451	411	179	24	2	-7777
60	0	0	-7777	2	31	152	298	260	84	6	-7777	-7777
Growing Degree Units for Corn (Monthly)												
50/86	1	1	12	85	247	428	599	562	340	129	27	3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	6	25	180	643	1363	2279	3155	3756	4027	4097	4105
45	1	1	6	80	393	963	1724	2445	2897	3050	3078	3080
50	0	0	1	30	210	631	1237	1803	2110	2180	2189	2190
55	0	0	0	9	93	370	821	1232	1411	1435	1437	1437
60	0	0	0	2	33	185	483	743	827	833	833	833
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	2	14	99	346	774	1373	1935	2275	2404	2431	2434

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

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