

Summary of Monthly Normals
1981-2010
Generated on 01/20/2022

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	39.5	23.0	31.2	5.1	5.1	5.0	3	2	-7777	0	0	0	739	800	892	1046	0.0	0.0	6.8	8.6	23.7	0.8
02	43.2	24.5	33.9	4.6	4.1	4.1	3	2	1	-7777	0	0	595	650	733	872	0.0	0.0	8.0	5.2	22.0	0.3
03	53.0	31.6	42.3	4.0	2.9	3.3	25	17	9	2	-7777	-7777	419	473	558	706	0.0	0.0	17.6	1.2	17.2	0.0
04	65.5	41.4	53.4	3.2	2.4	2.6	103	78	48	17	4	2	149	184	245	364	0.0	0.1	26.5	0.1	5.1	0.0
05	73.4	50.6	62.0	3.8	3.1	3.3	244	197	136	60	17	8	27	42	74	153	0.0	0.1	30.8	0.0	0.4	0.0
06	81.1	59.3	70.2	2.6	1.9	2.0	457	399	313	181	78	48	1	3	7	25	0.0	1.9	30.0	0.0	0.0	0.0
07	84.3	63.2	73.7	2.2	2.2	2.1	581	519	426	273	136	90	-7777	-7777	-7777	2	-7777	4.4	31.0	0.0	0.0	0.0
08	83.4	62.1	72.7	2.8	2.5	2.4	550	488	396	245	114	74	-7777	-7777	1	5	0.0	3.7	31.0	0.0	0.0	0.0
09	77.1	54.6	65.8	2.7	1.8	1.9	334	281	205	103	34	19	9	15	30	77	0.0	0.9	30.0	0.0	-7777	0.0
10	65.9	43.4	54.6	3.0	3.1	2.8	100	73	42	13	2	1	111	146	208	334	0.0	-7777	29.3	0.0	3.0	0.0
11	54.7	35.5	45.1	4.2	3.4	3.6	25	15	7	1	-7777	-7777	322	372	454	598	0.0	0.0	19.3	0.8	11.6	0.0
12	42.9	26.8	34.9	5.7	4.7	5.1	5	3	1	-7777	-7777	0	629	690	781	935	0.0	0.0	8.9	5.7	21.8	0.3
Summary	63.7	43.0	53.3	3.7	3.1	3.2	2430	2074	1584	895	385	242	3001	3375	3983	5117	0.0	11.1	269.2	21.6	104.8	1.4

-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	3.47	14.8	8.3	2.3	0.6	2.49	3.37	4.21
02	2.99	12.4	7.5	1.7	0.3	2.03	2.85	3.92
03	4.01	12.5	8.0	3.2	0.7	2.49	4.31	4.81
04	3.61	13.2	8.4	2.3	0.4	2.83	3.55	4.59
05	5.09	14.1	9.7	3.5	1.1	3.20	4.88	6.24
06	4.41	11.8	8.3	3.3	1.0	3.36	3.95	5.89
07	4.88	10.8	8.3	3.6	1.3	3.14	4.35	6.03
08	3.70	9.9	7.1	2.6	0.8	2.62	3.48	4.36
09	3.54	9.8	7.0	2.4	0.9	2.13	2.86	5.20
10	3.11	9.7	6.9	2.4	0.6	1.81	3.35	4.10
11	3.72	11.7	7.5	2.9	0.5	2.78	3.66	4.34
12	3.46	13.7	8.1	2.2	0.4	2.50	3.11	3.90
Summary	45.99	144.4	95.1	32.4	8.6	31.38	43.72	57.59

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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	13.5	6.9	4.8	1.2	0.6	0.2					6.9	11.5	15.9
02	9.1	4.9	3.4	0.9	0.3	-7777					3.5	5.7	8.0
03	4.8	2.4	1.9	0.6	0.2	0.1					0.2	2.5	7.0
04	1.0	0.5	0.3	0.1	0.1	-7777					0.0	0.0	0.5
05	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
07	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
09	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
10	0.2	-7777	-7777	-7777	0.0	0.0					0.0	0.0	0.0
11	1.8	1.2	0.6	0.1	0.1	0.0					0.0	0.0	2.0
12	7.4	4.4	2.9	0.5	0.2	0.0					2.6	6.4	13.0
Summary	37.8	20.3	13.9	3.4	1.5	0.3	0.0	0.0	0.0	0.0	13.2	26.1	46.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	49	51	175	415	682	906	1046	1015	775	457	211	70
45	22	23	102	289	528	756	891	860	625	315	123	33
50	9	9	55	182	379	606	736	705	477	192	63	14
55	3	3	25	103	244	457	581	550	334	100	25	5
60	-7777	1	9	48	136	313	426	396	205	42	7	1
Growing Degree Units for Corn (Monthly)												
50/86	25	34	114	257	419	600	716	689	491	269	119	37

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	49	100	275	690	1372	2278	3324	4339	5114	5571	5782	5852
45	22	45	147	436	964	1720	2611	3471	4096	4411	4534	4567
50	9	18	73	255	634	1240	1976	2681	3158	3350	3413	3427
55	3	6	31	134	378	835	1416	1966	2300	2400	2425	2430
60	0	1	10	58	194	507	933	1329	1534	1576	1583	1584
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	25	59	173	430	849	1449	2165	2854	3345	3614	3733	3770

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

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