

Summary of Monthly Normals  
1981-2010  
Generated on 02/28/2018

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	-2.2	-17.9	-10.0	9.8	10.2	9.9	0	0	0	0	0	0	2016	2078	2171	2326	0.0	0.0	0.0	30.3	31.0	24.3
02	4.5	-14.5	-5.0	8.3	9.0	8.6	0	0	0	0	0	0	1680	1736	1820	1960	0.0	0.0	0.0	27.3	28.0	21.3
03	16.7	-8.0	4.4	5.5	7.1	6.2	0	0	0	0	0	0	1570	1632	1725	1880	0.0	0.0	0.0	27.6	31.0	22.0
04	34.3	12.3	23.3	5.5	7.2	6.2	-7777	0	0	0	0	0	951	1011	1101	1251	0.0	0.0	2.2	11.3	28.3	6.1
05	54.6	34.2	44.4	4.9	3.9	4.3	16	10	4	1	-7777	0	345	400	488	640	0.0	0.0	20.8	0.4	12.7	0.2
06	69.3	47.6	58.5	3.1	1.8	2.3	141	101	57	15	3	1	38	58	103	212	0.0	0.2	29.6	0.0	0.2	0.0
07	69.8	49.6	59.7	3.3	2.2	2.6	170	124	70	18	2	1	24	41	80	182	0.0	-7777	30.9	0.0	0.1	0.0
08	62.1	42.9	52.5	3.5	2.7	2.8	45	27	12	2	-7777	-7777	122	166	244	390	0.0	0.0	29.4	0.0	1.9	0.0
09	48.9	32.3	40.6	4.7	4.3	4.2	1	-7777	-7777	0	0	0	433	492	582	732	0.0	0.0	14.2	0.7	13.5	0.0
10	25.6	12.1	18.9	5.4	6.8	6.0	0	0	0	0	0	0	1121	1183	1276	1431	0.0	0.0	0.2	21.5	29.9	6.4
11	6.0	-8.1	-1.0	7.0	7.7	7.3	0	0	0	0	0	0	1681	1741	1831	1981	0.0	0.0	0.0	29.4	30.0	20.5
12	1.9	-13.4	-5.7	6.3	7.1	6.7	0	0	0	0	0	0	1883	1945	2038	2193	0.0	0.0	0.0	30.8	31.0	24.3
Summary	32.6	14.1	23.4	5.6	5.8	5.6	373	262	143	36	5	2	11864	12483	13459	15178	0.0	0.2	127.3	179.3	237.6	125.1

-7777: a non-zero value that would round to zero  
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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	0.81	9.0	2.5	0.2	0.0	0.30	0.60	1.26
02	0.85	9.0	2.6	0.2	0.0	0.30	0.55	0.87
03	0.58	7.3	1.9	0.1	0.0	0.16	0.42	0.87
04	0.60	6.4	2.0	0.2	0.0	0.23	0.34	0.65
05	0.88	8.3	2.9	0.2	-7777	0.36	0.73	1.02
06	1.40	10.8	4.3	0.6	-7777	0.92	1.38	1.56
07	2.36	13.5	6.7	1.0	0.1	1.52	1.97	3.20
08	2.64	14.6	7.2	1.3	0.1	1.60	2.41	3.24
09	1.91	12.2	5.9	0.9	-7777	1.01	1.66	2.47
10	1.04	12.0	3.5	0.2	0.0	0.80	1.02	1.28
11	0.91	10.6	3.0	0.2	-7777	0.43	0.66	1.20
12	0.92	11.4	3.2	0.2	0.0	0.68	0.81	1.06
Summary	14.90	125.1	45.7	5.3	0.2	8.31	12.55	18.68

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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	13.9	10.0	3.8	1.1	0.6	0.1	30.9	30.9	30.9	30.8	4.3	12.6	18.5
02	14.0	10.3	4.2	1.4	0.5	0.0	28.2	28.2	28.2	28.2	5.4	11.4	19.9
03	9.3	8.1	3.1	0.8	0.3	-7777	31.0	31.0	31.0	31.0	2.2	7.2	9.2
04	6.3	5.6	1.8	0.4	0.2	-7777	29.5	29.2	28.9	26.8	2.8	3.7	7.6
05	1.3	1.2	0.5	0.1	0.0	0.0	10.2	9.1	7.4	4.5	0.0	0.8	1.7
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	2.5	2.1	0.9	0.3	-7777	0.0	1.6	0.6	0.2	0.0	0.1	0.6	2.1
10	12.4	11.4	4.2	1.1	0.1	0.0	23.8	17.0	12.9	2.9	8.7	11.7	17.1
11	16.1	11.5	4.7	1.5	0.5	0.1	30.0	28.5	26.6	15.1	7.9	13.1	25.8
12	15.6	12.5	5.4	1.3	0.5	0.1	31.0	30.9	30.8	27.0	9.3	13.4	20.5
Summary	91.4	72.7	28.6	8.0	2.7	0.3	216.2	205.4	196.9	166.3	40.7	74.5	122.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	0	-7777	7	191	553	611	388	107	2	0	0
45	0	0	0	1	104	405	456	241	43	-7777	0	0
50	0	0	0	-7777	46	264	305	120	10	-7777	0	0
55	0	0	0	-7777	16	141	170	45	1	0	0	0
60	0	0	0	0	4	57	70	12	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	0	0	-7777	4	106	309	337	195	48	-7777	0	0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0	0	0	7	198	751	1362	1750	1857	1859	1859	1859
45	0	0	0	1	105	510	966	1207	1250	1250	1250	1250
50	0	0	0	0	46	310	615	735	745	745	745	745
55	0	0	0	0	16	157	327	372	373	373	373	373
60	0	0	0	0	4	61	131	143	143	143	143	143
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	0	4	110	419	756	951	999	999	999	999

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