

Summary of Monthly Normals
1981-2010
Generated on 09/16/2021

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	53.9	33.1	43.5	3.6	3.4	3.3	12	6	2	-7777	-7777	0	368	425	513	667	0.0	0.0	19.4	0.5	14.7	-7777
02	58.2	36.3	47.2	3.4	2.5	2.7	24	14	5	1	-7777	0	241	287	362	498	0.0	0.0	21.5	0.1	8.8	0.0
03	66.2	42.5	54.3	3.3	2.5	2.7	98	70	38	10	1	-7777	118	152	213	340	0.0	0.0	28.7	0.0	3.6	0.0
04	74.0	49.3	61.7	2.9	2.7	2.5	226	180	119	47	10	4	26	40	70	148	0.0	0.2	29.8	0.0	0.4	0.0
05	81.8	58.2	70.0	2.3	2.7	2.2	466	405	316	182	76	46	1	2	6	27	0.0	2.8	31.0	0.0	0.0	0.0
06	88.7	66.4	77.5	3.2	1.7	2.1	676	616	526	378	233	179	0	0	-7777	1	0.5	13.3	30.0	0.0	0.0	0.0
07	91.4	69.8	80.6	3.0	1.3	2.0	794	732	639	484	329	268	0	0	0	0	1.2	19.4	31.0	0.0	0.0	0.0
08	89.9	69.3	79.6	2.9	1.5	2.0	763	701	608	453	298	238	0	0	-7777	-7777	1.1	15.8	31.0	0.0	0.0	0.0
09	84.0	62.7	73.3	2.3	1.8	1.6	551	491	402	260	136	95	-7777	-7777	2	10	0.0	5.3	30.0	0.0	0.0	0.0
10	74.4	51.5	63.0	2.4	3.4	2.4	264	213	146	62	16	8	17	28	55	125	0.0	0.2	30.9	0.0	0.4	0.0
11	65.2	42.4	53.8	3.3	3.6	3.1	84	60	33	9	1	1	120	156	219	345	0.0	0.0	28.5	0.0	4.2	0.0
12	55.7	35.0	45.4	4.4	4.3	4.2	23	15	8	1	-7777	0	322	376	462	610	0.0	0.0	22.1	0.1	12.6	0.0
Summary	73.6	51.4	62.5	3.1	2.6	2.6	3981	3503	2842	1887	1100	839	1213	1466	1902	2771	2.8	57.0	333.9	0.7	44.7	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	4.05	10.4	7.1	2.8	1.3	2.70	4.33	5.35
02	4.48	9.5	6.9	2.9	1.4	3.20	4.42	5.43
03	4.43	9.3	6.4	3.0	1.5	2.53	4.06	6.10
04	3.15	8.2	5.6	2.3	0.8	1.73	2.62	4.20
05	3.00	8.7	6.0	2.0	0.7	2.07	2.73	3.67
06	4.18	10.8	6.9	2.8	1.2	1.95	3.49	5.15
07	4.47	10.5	6.6	3.0	1.2	2.28	3.65	6.17
08	3.53	9.1	5.5	2.4	1.0	2.03	3.26	5.20
09	3.94	7.7	4.9	2.6	1.2	1.95	3.26	5.37
10	3.55	6.8	4.4	2.1	1.1	2.06	3.14	5.15
11	3.82	8.6	5.4	3.0	1.3	2.61	3.52	4.91
12	3.73	9.9	6.2	2.4	1.2	2.39	3.23	5.29
Summary	46.33	109.5	71.9	31.3	13.9	27.50	41.71	61.99

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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	1.4	0.8	0.4	0.2	0.1	0.0	1.1	0.2	0.0	0.0	0.0	0.2	1.9
02	0.6	0.4	0.2	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.5
03	0.8	0.2	0.1	0.1	0.1	0.0	0.2	0.1	0.1	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	0.1	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	2.9	1.7	0.7	0.4	0.2	0.0	1.7	0.3	0.1	0.0	0.0	0.2	2.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	171	228	450	650	930	1126	1259	1228	1001	712	417	209
45	87	130	309	501	775	976	1103	1072	850	557	280	115
50	36	63	189	356	620	826	949	918	700	406	167	56
55	12	24	98	226	466	676	794	763	551	264	84	23
60	2	5	38	119	316	526	639	608	402	146	33	8
Growing Degree Units for Corn (Monthly)												
50/86	99	136	271	403	613	765	857	843	678	445	249	120

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	171	399	849	1499	2429	3555	4814	6042	7043	7755	8172	8381
45	87	217	526	1027	1802	2778	3881	4953	5803	6360	6640	6755
50	36	99	288	644	1264	2090	3039	3957	4657	5063	5230	5286
55	12	36	134	360	826	1502	2296	3059	3610	3874	3958	3981
60	2	7	45	164	480	1006	1645	2253	2655	2801	2834	2842
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	99	235	506	909	1522	2287	3144	3987	4665	5110	5359	5479

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

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