

Summary of Monthly Normals 1991-2020

Generated on 07/02/2022

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	57.2	36.3	46.8	3.6	3.6	3.5	35.7	24.4	12.3	2.7	0.2	0.0	291.3	341.9	423.0	568.3	0.0	0.0	23.3	0.4	12.6	0.0
02	60.3	38.4	49.3	3.9	3.5	3.7	44.9	31.2	16.5	4.6	0.5	0.1	203.0	245.4	314.7	442.8	0.0	0.0	23.5	0.1	8.4	0.0
03	66.5	44.1	55.3	3.2	3.3	3.2	119.6	90.4	55.7	19.3	3.8	1.4	110.3	143.0	201.3	320.0	0.0	0.0	29.8	0.0	3.9	0.0
04	74.6	52.6	63.6	2.1	2.4	2.1	275.2	226.2	159.9	76.4	24.3	12.8	17.2	28.2	51.9	118.4	0.0	0.3	30.0	0.0	0.2	0.0
05	81.1	61.1	71.1	2.3	3.0	2.5	499.4	438.1	347.9	210.0	100.0	66.9	0.3	1.0	3.8	20.9	0.1	2.5	31.0	0.0	0.0	0.0
06	87.0	69.3	78.2	2.5	1.9	2.1	694.4	634.5	544.5	395.5	250.8	196.2	0.0	0.0	0.1	1.0	0.2	9.7	30.0	0.0	0.0	0.0
07	90.0	73.0	81.5	2.0	1.6	1.6	821.4	759.4	666.4	511.4	356.5	294.6	0.0	0.0	0.0	0.0	0.5	16.6	31.0	0.0	0.0	0.0
08	88.3	71.7	80.0	1.5	1.6	1.4	774.9	713.0	620.0	465.0	310.3	248.8	0.0	0.0	0.0	0.0	0.1	11.7	31.0	0.0	0.0	0.0
09	83.9	66.7	75.3	1.9	2.2	1.9	608.9	549.0	459.1	312.0	175.1	126.7	0.0	0.0	0.2	3.1	0.0	3.8	30.0	0.0	0.0	0.0
10	76.1	55.6	65.9	1.9	3.0	2.3	345.8	290.4	212.8	108.1	39.3	23.5	9.5	16.0	31.5	81.8	0.0	0.3	31.0	0.0	0.1	0.0
11	67.4	44.8	56.1	3.2	3.3	3.1	124.1	95.1	59.6	21.5	4.4	1.8	91.0	122.0	176.5	288.5	0.0	0.0	29.2	0.0	2.9	0.0
12	60.3	39.1	49.7	4.5	4.5	4.4	57.1	41.0	23.2	6.8	1.3	0.6	221.4	267.2	342.5	481.0	0.0	0.0	26.3	0.0	9.2	0.0
Summary	74.4	54.4	64.4	2.7	2.8	2.7	4401	3893	3178	2133	1266	973	944	1165	1546	2326	0.9	44.9	346.1	0.5	37.3	0.0

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	3.81	9.9	6.1	2.7	1.3	2.15	3.32	4.90
02	3.47	9.5	6.2	2.4	0.7	1.98	3.11	4.31
03	3.97	9.6	6.0	2.8	1.3	2.74	3.35	5.20
04	3.07	7.7	4.7	1.9	0.9	1.38	2.91	4.83
05	4.54	9.6	6.2	2.5	1.2	2.44	3.91	6.33
06	5.67	11.2	7.4	3.6	1.6	3.66	4.87	7.66
07	6.86	13.2	8.6	4.2	2.2	4.57	5.90	7.82
08	8.16	13.9	9.7	4.9	2.7	5.75	7.97	9.75
09	8.69	10.7	7.0	3.9	2.5	5.10	7.28	9.87
10	4.66	8.0	5.3	2.3	1.4	1.97	3.38	6.40
11	3.56	8.5	5.2	2.1	1.0	1.99	3.43	4.69
12	3.69	9.9	6.3	2.5	1.0	2.26	3.75	4.78
Summary	60.15	121.7	78.7	35.8	17.8	35.99	53.18	76.54

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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	0.70	0.4	0.2	0.1	0.0	0.0	0.6	0.2	0.0	0.0	0.00	0.00	0.70
02	0.20	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.9	0.7	0.3	0.1	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	255.0	278.7	477.8	708.0	964.1	1144.5	1286.4	1240.0	1058.9	801.3	485.1	321.0
45	153.4	171.9	334.3	558.6	809.1	994.4	1131.4	1084.9	908.9	646.5	343.9	201.3
50	81.1	95.0	214.2	412.0	654.1	844.4	976.4	929.9	758.9	493.2	220.2	113.9
55	35.7	44.9	119.6	275.2	499.4	694.4	821.4	774.9	608.9	345.8	124.1	57.1
60	12.3	16.5	55.7	159.9	347.9	544.5	666.4	620.0	459.1	212.8	59.6	23.2
Growing Degree Units for Corn (Monthly)												
50/86	148.8	165.2	284.8	443.0	645.6	803.2	907.9	881.9	742.4	513.2	293.6	187.4

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	255	534	1012	1720	2684	3828	5114	6354	7413	8215	8700	9021
45	153	325	660	1218	2027	3022	4153	5238	6147	6793	7137	7339
50	81	176	390	802	1456	2301	3277	4207	4966	5459	5679	5793
55	36	81	200	475	975	1669	2491	3266	3874	4220	4344	4401
60	12	29	84	244	592	1137	1803	2423	2882	3095	3155	3178
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	149	314	599	1042	1687	2491	3399	4280	5023	5536	5830	6017

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

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