

Summary of Monthly Normals 1991-2020

Generated on 10/22/2021

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	56.8	34.6	45.7	3.5	3.7	3.5	28.4	19.0	9.6	1.8	0.1	0.0	316.5	369.1	452.7	599.9	0.0	0.0	23.5	0.2	13.9	0.0
02	60.8	37.3	49.1	4.2	3.5	3.7	42.2	29.1	15.7	4.2	0.4	0.1	208.8	251.6	322.2	450.7	0.0	0.0	23.6	0.0	9.3	0.0
03	68.3	43.6	55.9	3.9	3.7	3.6	130.1	98.8	61.3	21.4	4.2	1.5	100.6	131.3	186.8	302.0	0.0	0.0	29.9	0.0	4.4	0.0
04	76.7	51.5	64.1	2.6	3.0	2.6	287.8	237.3	169.5	81.8	27.8	15.2	14.7	24.3	46.5	108.8	0.0	1.1	30.0	0.0	0.5	0.0
05	83.8	60.5	72.2	2.6	3.1	2.6	532.3	470.9	380.3	239.3	121.5	84.1	0.6	1.3	3.7	17.7	0.2	7.2	31.0	0.0	0.0	0.0
06	89.7	68.6	79.1	2.9	1.8	2.2	724.4	664.4	574.4	425.0	278.5	222.3	0.0	0.0	0.0	0.6	1.1	17.5	30.0	0.0	0.0	0.0
07	92.7	72.0	82.4	2.4	1.2	1.7	847.7	785.7	692.7	537.7	383.0	321.2	0.0	0.0	0.0	0.0	3.1	24.3	31.0	0.0	0.0	0.0
08	90.8	71.2	81.0	2.3	1.7	1.8	805.9	743.9	650.9	495.9	341.4	280.2	0.0	0.0	0.0	0.0	1.5	20.5	31.0	0.0	0.0	0.0
09	85.7	65.3	75.5	2.8	2.4	2.3	614.9	554.9	465.3	320.6	187.5	140.6	0.0	0.0	0.5	5.7	0.0	9.7	30.0	0.0	0.0	0.0
10	76.5	52.7	64.6	2.5	3.4	2.6	312.6	259.1	186.4	92.1	34.4	21.3	14.9	23.4	43.8	104.5	0.1	0.6	31.0	0.0	0.5	0.0
11	66.4	41.6	54.0	3.3	3.0	2.9	91.4	67.3	39.1	13.1	2.8	1.2	121.3	157.2	218.9	343.0	0.0	0.0	29.0	0.0	6.0	0.0
12	58.9	36.5	47.7	4.4	4.6	4.3	39.5	27.7	14.7	3.5	0.6	0.1	265.7	315.9	395.9	539.7	0.0	0.0	25.6	0.0	11.9	0.0
Summary	75.6	53.0	64.3	3.1	2.9	2.8	4457	3958	3260	2236	1382	1088	1043	1274	1671	2473	6.0	80.9	345.6	0.2	46.5	0.0

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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	3.49	9.6	6.2	2.5	0.9	1.94	3.04	4.23
02	3.39	8.9	6.2	2.3	0.9	2.03	3.31	4.57
03	3.57	8.9	6.0	2.4	1.1	2.38	3.44	4.24
04	2.83	8.1	5.0	2.1	0.7	1.51	2.78	3.84
05	3.49	8.5	5.4	2.3	0.9	1.84	2.69	4.68
06	4.97	11.0	7.4	3.3	1.4	2.81	4.42	6.62
07	5.35	11.8	7.4	3.5	1.7	2.99	3.70	7.45
08	4.65	10.4	6.6	2.9	1.4	3.28	3.92	5.50
09	3.91	8.0	5.3	2.3	1.2	2.37	3.74	5.59
10	3.13	6.9	4.3	1.9	1.0	1.58	2.43	4.28
11	2.76	7.3	4.9	2.0	0.8	1.46	2.54	3.88
12	3.70	9.2	6.0	2.2	1.0	2.21	3.32	4.34
Summary	45.24	108.6	70.7	29.7	13.0	26.40	39.33	59.22

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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	0.6	0.4	0.2	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.3
02	0.4	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
03	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Summary	1.2	0.8	0.4	0.1	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	223.8	269.6	498.1	723.0	996.6	1174.5	1312.8	1271.0	1065.0	762.6	422.9	264.4
45	128.2	165.5	353.5	573.7	841.6	1024.4	1157.8	1115.9	914.9	608.1	286.2	156.4
50	66.4	90.3	228.7	426.5	686.7	874.4	1002.8	960.9	764.9	456.4	172.9	83.9
55	28.4	42.2	130.1	287.8	532.3	724.4	847.7	805.9	614.9	312.6	91.4	39.5
60	9.6	15.7	61.3	169.5	380.3	574.4	692.7	650.9	465.3	186.4	39.1	14.7
Growing Degree Units for Corn (Monthly)												
50/86	139.1	170.9	310.7	461.8	665.9	803.8	895.3	877.8	729.5	492.2	268.3	161.8

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	224	493	992	1714	2711	3886	5198	6469	7534	8297	8720	8984
45	128	294	647	1221	2062	3087	4245	5361	6276	6884	7170	7326
50	66	157	385	812	1499	2373	3376	4337	5102	5558	5731	5815
55	28	71	201	488	1021	1745	2593	3399	4014	4326	4418	4457
60	10	25	87	256	636	1211	1904	2554	3020	3206	3245	3260
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	139	310	621	1082	1748	2552	3448	4325	5055	5547	5815	5977

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

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