

Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

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	54.0	35.6	44.8	3.7	3.9	3.7	22.1	13.7	5.7	0.6	0.0	0.0	338.1	391.8	476.8	626.7	0.0	0.0	20.4	0.8	12.8	0.0
02	58.2	38.9	48.5	4.0	4.0	3.9	36.3	23.6	10.9	2.0	0.1	0.0	216.8	260.1	331.5	462.5	0.0	0.0	21.9	0.2	7.7	0.0
03	65.9	45.3	55.6	3.8	3.7	3.7	124.2	92.9	55.8	17.1	2.4	0.6	105.6	136.2	192.2	308.5	0.0	0.0	28.9	0.0	3.0	0.0
04	73.8	52.5	63.2	2.5	3.0	2.7	264.2	214.7	148.0	64.2	17.0	7.1	19.7	30.1	53.5	119.7	0.0	0.0	29.8	0.0	0.2	0.0
05	81.1	61.3	71.2	2.3	2.7	2.4	502.8	441.6	352.0	214.0	100.6	65.0	0.7	1.4	4.8	21.9	0.0	2.0	31.0	0.0	0.0	0.0
06	87.1	68.6	77.9	2.9	1.6	2.1	685.4	625.4	535.5	386.5	240.7	185.1	0.0	0.0	0.1	1.1	0.1	9.9	30.0	0.0	0.0	0.0
07	90.1	71.8	80.9	2.6	1.2	1.7	804.4	742.4	649.4	494.4	339.5	277.9	0.0	0.0	0.0	0.0	0.4	16.4	31.0	0.0	0.0	0.0
08	89.0	71.3	80.2	2.7	1.8	2.2	779.5	717.5	624.6	469.7	315.4	254.7	0.0	0.0	0.0	0.1	0.4	13.7	31.0	0.0	0.0	0.0
09	83.9	65.9	74.9	3.1	2.4	2.6	596.9	537.0	447.7	302.3	169.6	123.7	0.0	0.2	0.8	5.4	0.0	4.9	30.0	0.0	0.0	0.0
10	74.4	54.9	64.7	2.5	2.5	2.2	314.3	260.8	187.2	87.8	28.0	16.1	15.1	23.6	43.0	98.6	0.0	0.3	30.9	0.0	0.1	0.0
11	64.1	44.2	54.2	3.7	3.3	3.4	91.1	65.7	36.5	10.4	1.2	0.2	116.5	151.1	212.0	335.9	0.0	0.0	28.1	0.0	2.9	0.0
12	56.2	38.4	47.3	4.1	4.3	4.1	33.0	22.3	11.2	1.9	0.1	0.0	271.6	323.0	404.8	550.5	0.0	0.0	22.9	0.2	9.1	0.0
Summary	73.2	54.1	63.6	3.2	2.9	2.9	4254	3758	3064	2051	1215	930	1084	1318	1719	2531	0.9	47.2	335.9	1.2	35.8	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	4.59	11.1	7.3	3.2	1.3	3.29	4.78	5.35
02	4.55	10.4	6.9	3.3	1.4	3.54	4.14	5.56
03	4.68	10.5	6.7	3.1	1.6	2.94	4.41	6.38
04	3.81	8.9	6.1	2.5	1.0	2.67	3.26	5.26
05	3.56	9.4	6.1	2.7	1.0	2.13	3.12	4.45
06	4.54	11.1	7.5	3.3	1.2	2.68	3.94	6.01
07	4.75	12.0	7.5	2.9	1.4	2.60	3.48	5.27
08	4.30	10.2	6.5	2.9	1.4	3.13	4.10	5.72
09	3.82	7.3	4.8	2.4	1.0	2.07	3.37	4.73
10	3.28	6.8	4.3	1.8	1.0	1.74	2.71	3.86
11	3.98	7.9	5.8	2.6	1.2	2.65	3.31	5.28
12	4.57	10.7	7.0	3.0	1.4	2.64	4.26	5.21
Summary	50.43	116.3	76.5	33.7	14.9	32.08	44.88	63.08

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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	1.0	0.7	0.4	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0	1.6
02	0.4	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
03	0.4	0.1	0.1	0.1	0.0	0.0	0.1	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	0.4	0.4	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Summary	2.2	1.5	0.8	0.2	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.0	1.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	207.7	261.3	489.0	694.6	967.2	1135.4	1269.4	1244.5	1046.9	764.3	428.5	255.5
45	115.7	157.9	346.2	545.6	812.2	985.4	1114.4	1089.5	896.9	610.0	291.8	148.4
50	56.6	83.4	222.4	400.0	657.2	835.4	959.4	934.5	746.9	458.4	176.0	75.8
55	22.1	36.3	124.2	264.2	502.8	685.4	804.4	779.5	596.9	314.3	91.1	33.0
60	5.7	10.9	55.8	148.0	352.0	535.5	649.4	624.6	447.7	187.2	36.5	11.2
Growing Degree Units for Corn (Monthly)												
50/86	107.2	141.0	280.2	427.6	649.5	793.3	888.2	874.9	723.5	477.3	237.9	129.9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	208	469	958	1653	2620	3755	5025	6269	7316	8080	8509	8764
45	116	274	620	1165	1978	2963	4077	5167	6064	6674	6966	7114
50	57	140	362	762	1420	2255	3214	4149	4896	5354	5530	5606
55	22	58	183	447	950	1635	2439	3219	3816	4130	4221	4254
60	6	17	72	220	572	1108	1757	2382	2830	3017	3053	3064
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	107	248	528	956	1606	2399	3287	4162	4885	5363	5601	5730

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

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