

Summary of Monthly Normals 1991-2020

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	65.5	42.9	54.2	3.5	3.9	3.5	104.8	77.8	47.0	14.9	2.5	0.8	129.4	164.4	226.6	349.5	0.0	0.0	28.9	0.0	6.2	0.0
02	68.9	46.1	57.5	3.6	4.0	3.6	137.0	106.0	67.5	24.3	5.2	2.2	67.0	92.0	137.5	234.3	0.0	0.0	27.5	0.0	2.7	0.0
03	74.3	50.6	62.4	3.5	3.8	3.5	258.2	209.8	145.5	63.7	17.5	8.3	27.2	40.9	69.6	142.8	0.0	0.2	30.7	0.0	1.0	0.0
04	79.8	56.4	68.1	2.2	3.2	2.5	395.5	337.8	255.6	136.4	52.1	30.1	2.4	4.8	12.6	43.4	0.0	1.3	30.0	0.0	0.0	0.0
05	85.9	63.9	74.9	2.1	2.2	2.0	616.9	554.9	462.4	310.6	170.7	122.0	0.0	0.1	0.5	3.7	0.0	8.4	31.0	0.0	0.0	0.0
06	89.9	70.7	80.3	2.4	1.2	1.5	758.9	698.9	609.0	459.0	309.2	250.0	0.0	0.0	0.0	0.0	0.3	16.2	30.0	0.0	0.0	0.0
07	91.9	73.2	82.5	1.4	0.9	0.9	854.0	792.0	699.0	544.0	389.0	327.0	0.0	0.0	0.0	0.0	0.3	23.6	31.0	0.0	0.0	0.0
08	90.8	73.4	82.1	1.5	1.1	1.1	840.0	778.0	685.1	530.1	375.1	313.1	0.0	0.0	0.0	0.0	0.1	20.3	31.0	0.0	0.0	0.0
09	87.2	70.5	78.8	1.7	1.5	1.3	715.4	655.4	565.4	415.6	267.5	210.0	0.0	0.0	0.0	0.1	0.0	9.0	30.0	0.0	0.0	0.0
10	80.9	61.5	71.2	1.9	3.1	2.2	503.8	443.5	354.6	216.9	103.8	68.3	1.6	3.3	7.4	24.7	0.0	1.1	31.0	0.0	0.0	0.0
11	73.2	51.3	62.3	2.6	3.8	3.1	244.9	198.4	137.5	61.3	19.3	10.5	27.2	40.8	69.9	143.7	0.0	0.0	30.0	0.0	0.8	0.0
12	67.5	45.8	56.7	3.7	4.8	4.1	144.7	112.6	72.7	26.5	5.3	2.0	93.5	123.4	176.5	285.3	0.0	0.0	30.1	0.0	3.6	0.0
Summary	79.6	58.9	69.2	2.5	2.8	2.4	5574	4965	4101	2803	1717	1344	348	470	701	1228	0.7	80.1	361.2	0.0	14.3	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	3.28	7.7	5.2	2.2	1.2	1.90	2.96	4.29
02	2.86	7.7	4.8	2.0	0.8	1.30	2.52	4.02
03	3.29	8.0	5.6	2.2	0.8	1.85	2.36	4.31
04	2.93	6.0	4.4	2.0	0.9	1.48	2.59	4.56
05	3.42	7.0	4.6	2.2	1.0	1.18	2.03	4.92
06	7.60	14.1	9.7	5.0	2.4	4.49	6.51	9.84
07	6.77	13.6	9.9	4.4	2.2	4.03	7.35	8.53
08	6.88	15.1	10.3	3.9	2.0	3.57	7.23	8.98
09	7.56	12.4	8.4	4.3	2.3	5.19	6.58	9.30
10	4.03	8.0	5.1	2.2	1.0	1.67	3.13	5.98
11	2.00	6.6	3.9	1.2	0.5	0.89	1.73	2.85
12	2.78	7.7	4.4	1.7	0.8	0.96	2.33	3.62
Summary	53.40	113.9	76.3	33.3	15.9	28.51	47.32	71.20

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	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

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	447.2	491.7	696.2	843.0	1081.9	1209.0	1319.0	1305.1	1165.5	967.2	667.5	518.9
45	309.8	357.5	542.7	693.0	926.9	1059.0	1164.0	1150.1	1015.4	812.2	518.8	373.7
50	192.5	235.0	393.6	543.4	771.9	908.9	1009.0	995.0	865.4	657.4	375.1	245.9
55	104.8	137.0	258.2	395.5	616.9	758.9	854.0	840.0	715.4	503.8	244.9	144.7
60	47.0	67.5	145.5	255.6	462.4	609.0	699.0	685.1	565.4	354.6	137.5	72.7
Growing Degree Units for Corn (Monthly)												
50/86	269.1	297.2	437.2	550.3	739.5	841.8	915.8	917.7	828.3	657.0	418.2	313.3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	447	939	1635	2478	3560	4769	6088	7393	8559	9526	10193	10712
45	310	667	1210	1903	2830	3889	5053	6203	7218	8031	8549	8923
50	192	428	821	1364	2136	3045	4054	5049	5915	6572	6947	7193
55	105	242	500	896	1512	2271	3125	3965	4681	5184	5429	5574
60	47	114	260	516	978	1587	2286	2971	3536	3891	4029	4101
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	269	566	1004	1554	2293	3135	4051	4969	5797	6454	6872	7185

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

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