

Summary of Monthly Normals 1991-2020

Generated on 08/02/2021

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	39.5	26.2	32.8	4.3	4.3	4.2	0.2	0.1	0.0	0.0	0.0	0.0	686.7	748.7	841.6	996.5	0.0	0.0	5.4	6.6	21.7	0.0
02	41.7	27.4	34.5	4.2	4.1	4.1	0.1	0.0	0.0	0.0	0.0	0.0	572.7	628.6	712.6	852.6	0.0	0.0	5.7	4.0	19.6	0.0
03	48.7	33.6	41.1	3.1	3.2	3.0	3.2	1.6	0.4	0.0	0.0	0.0	432.6	492.9	584.8	739.3	0.0	0.0	14.0	0.8	12.0	0.0
04	58.8	42.9	50.9	2.3	1.9	2.0	35.2	22.3	10.2	2.4	0.5	0.2	159.7	206.7	284.7	426.8	0.0	0.0	26.4	0.0	1.2	0.0
05	68.4	52.5	60.5	2.5	2.1	2.2	187.0	141.3	86.3	30.2	7.5	3.8	18.1	34.3	72.4	171.2	0.0	0.3	30.9	0.0	0.0	0.0
06	78.0	62.4	70.2	2.1	1.3	1.6	456.1	396.7	309.5	176.7	74.6	46.6	0.2	0.8	3.5	20.8	0.0	2.0	30.0	0.0	0.0	0.0
07	83.6	68.7	76.1	2.5	2.2	2.3	655.6	593.6	500.6	345.8	196.1	142.6	0.0	0.0	0.0	0.3	0.3	5.0	31.0	0.0	0.0	0.0
08	82.2	67.8	75.0	2.0	2.0	1.9	620.0	558.0	465.0	310.7	164.7	114.1	0.0	0.0	0.1	0.8	0.0	3.0	31.0	0.0	0.0	0.0
09	75.8	61.0	68.4	1.8	1.9	1.7	403.0	344.4	259.4	135.3	48.9	27.6	1.1	2.4	7.4	33.4	0.0	0.5	30.0	0.0	0.0	0.0
10	64.7	49.8	57.2	2.2	2.4	2.2	126.7	91.6	50.9	15.2	2.4	0.9	57.0	83.8	136.2	255.4	0.0	0.1	30.4	0.0	0.1	0.0
11	53.8	39.8	46.8	3.3	2.9	3.0	14.8	7.8	2.4	0.1	0.0	0.0	260.8	313.8	398.4	546.1	0.0	0.0	21.3	0.1	4.0	0.0
12	44.5	32.0	38.3	3.8	3.6	3.7	1.5	0.6	0.2	0.0	0.0	0.0	520.8	581.9	674.4	829.2	0.0	0.0	9.5	2.7	15.5	0.0
Summary	61.6	47.0	54.3	2.8	2.7	2.7	2503	2158	1685	1016	495	336	2710	3094	3716	4872	0.3	10.9	265.6	14.2	74.1	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	3.23	10.7	6.0	2.1	0.7	2.08	2.96	3.98
02	2.76	9.8	6.0	1.9	0.7	1.77	2.44	3.38
03	3.94	10.8	7.0	2.7	1.0	3.24	3.71	4.73
04	3.55	11.4	6.4	2.4	0.9	2.40	3.38	4.44
05	3.66	11.8	6.9	2.6	1.0	3.16	3.58	4.27
06	3.85	10.6	6.1	2.6	1.1	2.08	3.58	5.25
07	3.86	9.4	5.9	2.7	1.1	2.41	3.48	5.27
08	4.11	9.0	5.7	2.4	1.1	2.54	3.31	5.15
09	3.58	8.2	5.7	2.5	0.9	2.17	3.02	4.54
10	3.72	9.4	5.4	2.5	1.1	1.92	3.61	4.64
11	3.07	8.9	5.5	2.2	0.8	1.78	3.15	4.06
12	3.96	11.2	7.2	3.1	0.9	2.96	3.69	4.90
Summary	43.29	121.2	73.8	29.7	11.3	28.51	39.91	54.61

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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	7.5	4.6	1.5	0.8	0.4	0.1	6.2	3.6	2.8	0.7	1.6	4.2	11.2
02	8.6	3.8	2.1	0.9	0.5	0.1	7.3	4.4	3.1	0.8	2.7	7.1	12.1
03	4.3	2.5	1.2	0.5	0.2	0.0	3.3	1.3	0.4	0.0	0.6	3.2	6.8
04	0.6	0.3	0.2	0.1	0.0	0.0	0.2	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	0.4	0.2	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
12	4.5	2.6	0.9	0.7	0.3	0.1	2.8	1.5	1.1	0.4	0.1	2.3	6.7
Summary	25.9	14.0	6.0	3.1	1.4	0.3	20.0	10.8	7.4	1.9	5.0	16.8	36.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	30.3	31.9	112.7	329.6	634.0	905.9	1120.5	1084.9	851.9	534.8	227.3	74.8
45	8.0	9.0	44.9	196.9	479.1	755.9	965.5	929.9	701.9	382.7	121.1	27.8
50	1.2	1.8	14.2	94.9	325.7	606.0	810.6	775.0	552.0	242.3	50.9	8.0
55	0.2	0.1	3.2	35.2	187.0	456.1	655.6	620.0	403.0	126.7	14.8	1.5
60	0.0	0.0	0.4	10.2	86.3	309.5	500.6	465.0	259.4	50.9	2.4	0.2
Growing Degree Units for Corn (Monthly)												
50/86	9.0	11.9	44.8	145.3	341.4	598.5	789.9	763.7	551.9	273.0	89.0	22.3

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	30	62	175	504	1138	2044	3165	4250	5102	5636	5864	5939
45	8	17	62	259	738	1494	2459	3389	4091	4474	4595	4623
50	1	3	17	112	438	1044	1854	2629	3181	3424	3475	3483
55	0	0	4	39	226	682	1337	1957	2360	2487	2502	2503
60	0	0	0	11	97	406	907	1372	1631	1682	1685	1685
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	21	66	211	552	1151	1941	2704	3256	3529	3618	3641

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

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