

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	38.1	22.1	30.1	4.3	4.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	771.7	833.7	926.6	1081.7	0.0	0.0	5.6	8.2	25.5	1.4
02	39.6	22.8	31.2	3.9	4.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	666.3	722.3	806.2	946.3	0.0	0.0	5.1	6.7	22.9	0.6
03	46.8	29.1	38.0	3.4	2.9	3.0	1.4	0.6	0.0	0.0	0.0	0.0	529.9	591.1	683.5	838.5	0.0	0.0	11.2	2.5	19.8	0.0
04	56.1	39.6	47.9	3.3	2.3	2.7	21.5	14.2	6.9	2.6	1.1	0.7	235.9	288.6	371.4	517.1	0.0	0.1	24.1	0.0	3.7	0.0
05	67.5	49.6	58.6	3.4	1.9	2.5	151.1	112.6	67.8	25.5	7.0	4.0	41.0	64.5	112.7	225.4	0.0	0.9	30.4	0.0	0.0	0.0
06	78.1	59.8	68.9	2.0	2.0	1.8	419.6	361.4	276.7	151.2	60.5	37.0	1.3	3.0	8.4	32.8	0.0	2.5	30.0	0.0	0.0	0.0
07	84.0	67.2	75.6	2.6	2.0	2.2	638.4	576.4	483.2	329.0	182.1	132.1	0.0	0.0	0.0	0.7	0.5	5.4	31.0	0.0	0.0	0.0
08	82.2	65.8	74.0	1.6	1.6	1.5	588.9	526.9	434.0	280.4	141.0	96.2	0.0	0.0	0.1	1.6	0.1	3.7	31.0	0.0	0.0	0.0
09	75.3	59.0	67.1	2.2	2.3	2.0	367.3	310.4	229.3	114.5	42.0	23.1	2.9	6.0	15.0	50.1	0.0	0.3	30.0	0.0	0.0	0.0
10	64.2	48.5	56.4	2.3	3.1	2.6	118.1	87.5	50.5	14.6	2.7	0.9	76.3	107.7	163.7	282.8	0.0	0.0	30.2	0.0	0.8	0.0
11	52.7	37.4	45.1	2.9	2.9	2.8	14.9	8.5	3.3	0.0	0.0	0.0	313.3	366.9	451.7	598.4	0.0	0.0	19.1	0.5	10.0	0.0
12	43.2	28.3	35.7	3.8	3.9	3.8	1.2	0.4	0.0	0.0	0.0	0.0	597.8	659.0	751.6	906.6	0.0	0.0	9.1	4.0	21.3	0.0
Summary	60.7	44.1	52.4	3.0	2.9	2.8	2322	1999	1552	918	436	294	3236	3643	4291	5482	0.6	12.9	256.8	21.9	104.0	2.0

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	3.82	11.3	8.2	3.3	1.4	2.50	3.64	5.15
02	4.07	10.6	7.1	3.3	0.9	2.69	3.66	5.20
03	5.34	11.8	7.9	3.7	2.2	3.17	5.17	6.56
04	4.57	12.2	7.6	2.9	1.4	2.76	4.50	6.11
05	3.73	11.3	7.1	2.5	0.7	2.69	3.36	4.33
06	4.15	9.6	5.6	2.6	1.1	2.34	3.30	5.01
07	3.58	7.9	5.5	1.9	0.9	2.02	3.22	4.57
08	4.07	9.0	6.0	3.1	1.4	2.85	3.98	4.70
09	4.22	9.7	6.6	3.2	1.5	2.63	3.56	5.58
10	4.88	8.3	6.1	2.8	1.3	2.79	5.00	6.14
11	4.59	10.3	7.1	3.0	1.6	3.39	4.53	5.92
12	5.19	11.6	8.0	3.0	1.2	3.82	5.08	6.54
Summary	52.21	123.6	82.8	35.3	15.6	33.65	49.00	65.81

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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	10.9	4.3	2.8	1.1	0.5	0.1					3.4	6.8	13.6
02	8.5	3.7	2.3	1.0	0.4	0.1					3.2	5.1	11.7
03	6.6	2.7	2.2	0.9	0.3	0.1					2.4	5.3	10.2
04	1.7	0.6	0.5	0.1	0.1	0.1					0.0	0.0	1.1
05	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
07	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
09	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
11	0.4	0.3	0.2	0.0	0.0	0.0					0.0	0.0	0.6
12	4.4	2.2	1.6	0.5	0.1	0.0					1.3	3.8	5.5
Summary	32.5	13.8	9.6	3.6	1.4	0.4	0.0	0.0	0.0	0.0	10.3	21.0	42.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	25.0	16.9	64.2	249.9	575.1	868.3	1103.2	1053.8	814.3	507.8	195.9	55.3
45	7.7	4.3	20.7	135.4	421.4	718.3	948.3	898.9	664.4	358.1	103.7	19.9
50	1.3	0.7	6.3	59.9	273.7	568.3	793.2	743.8	514.7	223.7	44.2	4.9
55	0.0	0.0	1.4	21.5	151.1	419.6	638.4	588.9	367.3	118.1	14.9	1.2
60	0.0	0.0	0.0	6.9	67.8	276.7	483.2	434.0	229.3	50.5	3.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	9.1	7.0	32.7	111.8	298.8	562.9	767.2	729.7	518.3	262.0	83.0	19.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	25	42	106	356	931	1799	2903	3956	4771	5279	5474	5530
45	8	12	33	168	590	1308	2256	3155	3819	4178	4281	4301
50	1	2	8	68	342	910	1703	2447	2962	3186	3230	3235
55	0	0	1	23	174	594	1232	1821	2188	2306	2321	2322
60	0	0	0	7	75	351	835	1269	1498	1548	1552	1552
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	16	49	161	459	1022	1790	2519	3038	3300	3382	3402

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

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