

Summary of Monthly Normals 1991-2020

Generated on 05/10/2021

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	32.4	15.6	24.0	3.7	5.1	4.3	0.1	0.0	0.0	0.0	0.0	0.0	960.9	1022.8	1115.8	1270.9	0.0	0.0	1.6	15.9	29.3	3.5
02	35.0	17.3	26.2	4.0	5.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	807.7	863.7	947.7	1087.8	0.0	0.0	1.7	11.0	26.1	2.4
03	42.3	26.0	34.1	3.5	3.6	3.4	1.5	1.0	0.5	0.0	0.0	0.0	647.8	709.3	801.8	956.4	0.0	0.0	5.8	4.0	24.5	0.4
04	53.8	35.4	44.6	2.4	1.7	1.9	10.0	6.3	3.2	0.6	0.1	0.0	322.0	378.3	465.2	612.6	0.0	0.0	20.1	0.2	11.9	0.0
05	64.2	45.5	54.9	3.1	1.9	2.2	80.6	55.7	30.8	10.1	2.5	1.1	85.3	122.4	190.5	324.8	0.0	0.4	29.6	0.0	0.7	0.0
06	73.6	55.0	64.3	2.5	1.6	1.7	284.3	230.2	157.6	67.8	21.2	11.6	5.3	11.3	28.7	88.8	0.0	1.0	30.0	0.0	0.0	0.0
07	79.5	61.2	70.4	2.4	2.1	2.1	475.7	413.8	321.4	176.0	69.7	42.6	0.0	0.1	0.6	10.2	0.0	1.9	31.0	0.0	0.0	0.0
08	78.7	59.7	69.2	1.9	1.6	1.6	440.2	378.3	286.8	146.5	51.3	30.0	0.1	0.2	1.7	16.4	0.0	1.3	31.0	0.0	0.0	0.0
09	71.1	52.1	61.6	2.2	2.3	2.1	216.8	170.3	110.9	43.4	11.9	6.3	18.8	32.4	62.9	145.4	0.0	0.5	30.0	0.0	0.1	0.0
10	59.5	41.0	50.3	2.4	2.8	2.5	37.8	23.6	10.7	2.0	0.2	0.1	185.0	232.8	312.9	459.2	0.0	0.0	27.7	0.0	6.3	0.0
11	48.4	31.7	40.0	3.2	2.3	2.6	3.3	1.5	0.3	0.0	0.0	0.0	451.9	510.1	598.8	748.5	0.0	0.0	12.6	1.1	18.3	0.0
12	38.3	22.4	30.3	3.5	3.7	3.5	0.2	0.1	0.0	0.0	0.0	0.0	764.3	826.2	919.1	1074.1	0.0	0.0	3.8	8.4	26.7	0.4
Summary	56.4	38.6	47.5	2.9	2.8	2.7	1550	1281	922	446	157	92	4249	4710	5446	6795	0.0	5.1	224.9	40.6	143.9	6.7

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	3.50	11.2	6.7	2.5	0.8	2.86	3.39	4.66
02	3.54	10.2	6.6	2.5	0.9	2.63	3.46	4.16
03	4.08	11.3	7.0	2.9	0.8	2.69	3.80	4.74
04	4.41	11.1	7.0	2.8	1.2	2.78	4.74	5.80
05	3.67	12.5	7.1	2.5	0.7	2.19	3.75	4.56
06	4.15	11.7	6.9	2.5	1.0	2.29	3.54	5.31
07	3.43	10.8	6.7	2.3	0.7	2.13	3.24	4.25
08	3.57	9.4	5.2	1.9	0.9	1.83	2.71	4.39
09	3.77	9.3	5.3	2.3	1.0	2.33	3.27	4.54
10	5.25	10.9	6.8	2.9	1.4	2.92	4.54	6.52
11	4.25	10.7	6.8	2.9	1.2	2.88	4.05	5.18
12	4.50	12.3	7.9	2.9	1.3	3.54	4.47	5.31
Summary	48.12	131.4	80.0	30.9	11.9	31.07	44.96	59.42

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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	18.6	7.6	4.5	2.2	1.3	0.2	23.3	18.0	13.2	6.1	13.5	17.1	19.1
02	16.6	7.0	4.3	1.9	1.3	0.2	20.8	16.9	13.6	7.2	7.9	13.1	22.0
03	13.6	5.1	2.8	1.6	1.0	0.3	15.9	13.4	11.1	5.4	5.7	11.1	15.5
04	2.8	1.3	0.7	0.4	0.2	0.0	1.8	1.0	0.4	0.0	0.0	0.6	3.8
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	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	2.3	1.5	0.7	0.2	0.2	0.0	1.7	1.0	0.6	0.0	0.0	0.1	2.5
12	14.6	6.0	3.3	1.8	1.0	0.2	10.6	7.2	4.8	1.4	5.0	13.1	22.6
Summary	68.7	28.6	16.4	8.1	5.0	0.9	74.2	57.5	43.7	20.1	32.1	55.1	85.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6.2	5.2	33.6	168.7	460.4	728.9	940.7	905.1	648.0	324.0	97.1	17.0
45	1.4	0.4	11.5	79.0	308.4	579.0	785.8	750.2	498.3	193.7	42.1	4.5
50	0.3	0.0	4.3	30.6	173.9	429.5	630.8	595.2	351.5	95.4	14.0	1.1
55	0.1	0.0	1.5	10.0	80.6	284.3	475.7	440.2	216.8	37.8	3.3	0.2
60	0.0	0.0	0.5	3.2	30.8	157.6	321.4	286.8	110.9	10.7	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.5	2.3	17.1	86.9	232.5	435.1	621.6	590.5	380.4	163.5	42.9	7.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	11	45	214	674	1403	2344	3249	3897	4221	4318	4335
45	1	2	13	92	401	980	1766	2516	3014	3208	3250	3254
50	0	0	5	35	209	639	1269	1865	2216	2312	2326	2327
55	0	0	2	12	92	376	852	1292	1509	1547	1550	1550
60	0	0	0	4	34	192	514	800	911	922	922	922
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	5	22	109	341	776	1398	1988	2369	2532	2575	2582

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

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