

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	46.2	29.5	37.9	3.8	3.6	3.6	2.4	1.1	0.3	0.0	0.0	0.0	533.9	594.6	686.9	841.5	0.0	0.0	12.1	3.3	19.7	0.0
02	48.5	31.1	39.8	4.4	3.9	4.1	4.1	2.1	0.7	0.1	0.0	0.0	429.6	483.7	566.3	705.6	0.0	0.0	12.5	1.5	16.4	0.0
03	54.5	37.0	45.8	3.5	3.0	3.2	20.0	12.7	5.4	0.8	0.0	0.0	306.7	361.4	447.1	597.5	0.0	0.0	20.7	0.2	9.7	0.0
04	64.3	45.9	55.1	2.5	2.3	2.3	98.3	71.9	42.1	13.7	3.0	1.4	95.3	128.9	189.1	310.7	0.0	0.0	28.8	0.0	1.0	0.0
05	72.7	55.5	64.1	3.4	3.2	3.2	291.3	237.8	167.4	81.7	29.0	17.1	9.2	17.7	40.3	109.6	0.0	0.7	31.0	0.0	0.0	0.0
06	81.3	65.1	73.2	2.3	2.1	2.1	546.1	486.7	398.4	257.1	135.5	96.4	0.2	0.7	2.4	11.1	0.0	3.8	30.0	0.0	0.0	0.0
07	86.1	70.4	78.2	2.2	2.1	2.1	720.6	658.6	565.6	410.6	257.6	199.8	0.0	0.0	0.0	0.0	0.3	8.5	31.0	0.0	0.0	0.0
08	84.2	68.7	76.5	2.1	2.3	2.1	664.9	602.9	509.9	355.1	204.4	150.0	0.0	0.0	0.0	0.2	0.0	4.5	31.0	0.0	0.0	0.0
09	78.7	63.0	70.8	1.9	2.8	2.1	476.0	416.8	329.5	194.5	87.2	56.2	0.6	1.4	4.0	19.1	0.0	1.1	30.0	0.0	0.0	0.0
10	69.1	51.4	60.2	2.2	2.9	2.4	197.8	155.0	100.7	41.6	12.2	6.6	35.1	54.3	92.9	188.8	0.0	0.2	30.9	0.0	0.1	0.0
11	58.8	40.7	49.7	3.3	3.0	3.0	42.2	27.4	12.5	2.2	0.1	0.0	199.7	244.9	319.9	459.6	0.0	0.0	25.5	0.0	6.2	0.0
12	50.5	33.5	42.0	4.4	3.7	4.0	10.2	5.7	2.1	0.3	0.0	0.0	413.1	470.7	560.0	713.2	0.0	0.0	17.0	0.9	15.8	0.0
Summary	66.2	49.3	57.8	3.0	2.9	2.9	3074	2679	2135	1358	729	528	2023	2358	2909	3957	0.3	18.8	300.5	5.9	68.9	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	3.15	10.8	6.4	2.2	0.6	2.14	3.00	3.66
02	2.81	9.5	5.7	2.0	0.4	1.68	2.60	4.01
03	3.91	10.9	6.9	2.9	1.0	2.80	3.59	4.81
04	3.12	10.5	5.8	2.2	0.7	2.37	3.26	3.89
05	3.20	11.0	6.3	2.2	0.6	1.83	2.94	3.92
06	3.39	10.1	5.6	2.2	0.9	1.87	2.77	4.38
07	4.37	10.7	6.8	2.6	1.2	3.02	4.37	5.21
08	4.32	9.0	5.5	2.5	1.2	1.90	3.87	5.80
09	4.33	8.4	5.6	2.6	1.2	2.14	3.67	5.68
10	4.02	8.4	5.1	2.3	0.9	2.28	3.85	5.00
11	2.88	8.7	5.2	2.0	0.6	1.28	2.49	4.35
12	3.75	10.5	6.6	2.4	0.9	2.68	3.32	4.66
Summary	43.25	118.5	71.5	28.1	10.2	25.99	39.73	55.37

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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	3.5	2.0	1.2	0.4	0.2	0.1	1.9	0.9	0.6	0.1	0.3	1.3	6.5
02	2.3	1.4	1.1	0.3	0.0	0.0	2.3	1.2	0.6	0.0	0.0	1.0	2.2
03	0.7	0.8	0.3	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.1	0.8
04	0.2	0.1	0.0	0.0	0.0	0.0	0.1	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	1.7	0.7	0.4	0.2	0.1	0.0	0.8	0.4	0.1	0.0	0.0	0.0	1.1
Summary	8.4	5.0	3.0	0.9	0.3	0.1	5.8	2.6	1.3	0.1	0.3	2.4	10.6

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	87.7	94.7	215.8	454.1	747.1	995.9	1185.6	1129.9	925.4	627.8	306.6	139.7
45	38.2	42.5	118.4	311.3	592.1	846.0	1030.6	974.9	775.4	474.0	186.9	67.7
50	12.6	15.8	54.8	189.1	437.9	696.0	875.6	819.9	625.5	326.4	98.0	29.8
55	2.4	4.1	20.0	98.3	291.3	546.1	720.6	664.9	476.0	197.8	42.2	10.2
60	0.3	0.7	5.4	42.1	167.4	398.4	565.6	509.9	329.5	100.7	12.5	2.1
Growing Degree Units for Corn (Monthly)												
50/86	40.5	47.4	103.8	238.6	448.6	681.4	841.7	801.2	623.1	364.2	156.5	66.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	88	182	398	852	1599	2595	3781	4911	5836	6464	6771	6910
45	38	81	199	510	1102	1948	2979	3954	4729	5203	5390	5458
50	13	28	83	272	710	1406	2282	3102	3727	4054	4152	4181
55	2	6	26	125	416	962	1683	2348	2824	3022	3064	3074
60	0	1	6	48	216	614	1180	1690	2019	2120	2132	2135
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	40	88	192	430	879	1560	2402	3203	3826	4190	4347	4413

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

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