

Summary of Monthly Normals 1991-2020

Generated on 12/08/2021

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	42.5	21.7	32.1	4.1	4.7	4.2	0.7	0.1	0.0	0.0	0.0	0.0	710.5	772.0	864.8	1019.8	0.0	0.0	9.3	6.9	26.0	1.2
02	46.5	24.1	35.3	4.7	4.2	4.2	1.7	0.5	0.1	0.0	0.0	0.0	553.2	608.1	691.7	831.6	0.0	0.0	12.0	4.0	23.4	0.4
03	55.9	29.4	42.7	4.9	3.2	3.8	12.6	6.8	2.4	0.2	0.0	0.0	395.4	451.7	540.3	693.0	0.0	0.0	21.5	1.3	20.6	0.0
04	67.5	37.6	52.5	3.0	2.4	2.5	74.2	51.3	26.7	5.3	0.1	0.0	147.7	184.7	250.2	378.8	0.0	0.0	27.6	0.0	10.0	0.0
05	74.1	47.8	60.9	3.1	4.2	3.4	216.6	170.5	111.3	36.7	4.1	0.8	32.2	48.0	81.8	162.3	0.0	0.1	30.9	0.0	1.3	0.0
06	79.5	55.9	67.7	2.1	2.2	1.9	381.9	323.2	238.0	110.7	26.8	10.5	0.9	2.2	7.1	29.7	0.0	0.4	30.0	0.0	0.0	0.0
07	81.8	60.7	71.2	2.1	2.4	2.0	503.7	441.7	348.9	198.8	71.3	34.5	0.0	0.0	0.2	5.0	0.0	1.0	31.0	0.0	0.0	0.0
08	80.7	59.9	70.3	2.4	2.3	1.9	474.3	412.3	319.7	171.2	54.4	25.5	0.0	0.1	0.5	6.9	0.0	1.0	31.0	0.0	0.0	0.0
09	75.9	52.8	64.3	3.3	2.6	2.1	288.9	235.0	161.3	63.5	12.0	3.9	8.5	14.5	30.8	83.0	0.0	0.3	30.0	0.0	0.1	0.0
10	66.4	39.9	53.1	2.6	3.3	2.3	77.6	52.4	25.7	5.8	0.9	0.3	134.9	171.8	238.0	373.2	0.0	0.0	29.4	0.0	7.3	0.0
11	55.4	29.7	42.6	4.8	2.7	3.4	8.9	4.7	1.1	0.0	0.0	0.0	382.3	438.2	524.6	673.5	0.0	0.0	20.9	0.5	20.1	0.0
12	45.5	25.3	35.4	5.0	3.8	4.2	1.6	0.5	0.1	0.0	0.0	0.0	609.1	670.1	762.7	917.6	0.0	0.0	11.4	4.1	24.6	0.1
Summary	64.3	40.4	52.3	3.5	3.2	3.0	2043	1699	1235	592	170	76	2975	3361	3993	5174	0.0	2.8	285.0	16.8	133.4	1.7

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	3.72	15.5	8.5	2.5	0.8	2.54	3.78	4.53
02	3.91	14.8	8.4	2.7	0.9	2.40	3.18	4.51
03	4.42	14.8	9.0	2.9	1.1	3.29	4.20	5.17
04	4.56	13.5	8.5	3.4	1.2	3.33	4.12	6.04
05	4.94	14.9	9.3	3.4	1.3	3.49	4.98	6.27
06	5.12	14.3	9.6	4.0	1.0	3.39	4.66	6.66
07	5.31	14.2	9.3	3.5	1.4	4.07	5.38	6.23
08	4.06	12.0	7.6	2.7	0.9	2.73	3.83	4.81
09	3.25	9.6	6.2	2.4	0.6	1.78	2.81	4.20
10	2.83	10.5	6.2	2.0	0.7	1.82	2.70	3.73
11	2.80	11.8	6.3	1.8	0.4	1.74	2.68	3.47
12	4.25	14.9	9.2	2.4	0.9	2.81	4.04	5.50
Summary	49.17	160.8	98.1	33.7	11.2	33.39	46.36	61.12

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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	11.5	7.7	3.8	1.2	0.4	0.1	10.6	4.8	2.3	0.5	6.9	9.1	16.8
02	10.5	6.7	3.5	1.2	0.2	0.1	7.7	3.6	1.6	0.6	5.6	8.5	13.7
03	6.6	4.2	2.2	0.8	0.2	0.0	3.9	1.3	0.5	0.1	1.7	3.9	12.5
04	0.8	0.9	0.3	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.0
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	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
11	1.1	1.7	0.5	0.1	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.2	2.3
12	7.6	5.4	2.5	0.8	0.4	0.0	6.7	3.0	1.2	0.1	1.7	4.7	11.6
Summary	38.4	26.8	12.9	4.2	1.2	0.2	30.3	13.0	5.6	1.3	15.9	26.4	57.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	48.1	57.1	169.1	388.6	649.5	831.0	968.7	939.2	730.4	414.7	148.4	63.3
45	18.8	22.6	89.9	260.9	496.3	680.9	813.7	784.2	580.6	276.5	73.4	27.5
50	5.7	7.7	39.5	153.8	348.8	531.0	658.7	629.2	432.3	161.6	29.3	9.1
55	0.7	1.7	12.6	74.2	216.6	381.9	503.7	474.3	288.9	77.6	8.9	1.6
60	0.0	0.1	2.4	26.7	111.3	238.0	348.9	319.7	161.3	25.7	1.1	0.1
Growing Degree Units for Corn (Monthly)												
50/86	34.2	50.3	138.2	273.6	410.9	538.8	654.8	626.7	458.4	269.0	119.2	43.0

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	48	105	274	663	1312	2143	3112	4051	4782	5196	5345	5408
45	19	41	131	392	888	1569	2383	3167	3748	4024	4098	4125
50	6	13	53	207	556	1086	1745	2374	2807	2968	2998	3007
55	1	2	15	89	306	688	1191	1666	1955	2032	2041	2043
60	0	0	2	29	140	378	727	1047	1208	1234	1235	1235
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	34	84	223	496	907	1446	2101	2728	3186	3455	3574	3617

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

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