

Summary of Monthly Normals
1991-2020
 Generated on 10/16/2021

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	47.9	29.3	38.6	4.2	4.6	4.3	11.8	7.3	2.8	0.2	0.0	0.0	520.0	577.5	666.0	818.4	0.0	0.0	13.1	3.8	20.4	0.7
02	53.2	32.2	42.7	4.9	4.6	4.6	19.5	13.0	6.1	1.1	0.0	0.0	363.9	413.3	490.4	625.5	0.0	0.0	17.0	1.4	16.0	0.2
03	62.3	39.5	50.9	4.5	4.2	4.3	80.4	59.3	35.5	12.3	2.5	0.9	207.5	248.4	317.6	449.4	0.0	0.0	25.6	0.1	10.6	0.0
04	73.4	48.0	60.7	2.9	2.8	2.7	220.8	179.3	124.2	55.0	16.6	8.2	49.9	68.3	103.3	184.0	0.0	0.1	29.6	0.0	2.5	0.0
05	81.2	56.8	69.0	3.1	3.7	3.2	437.8	379.9	296.8	174.9	81.6	53.2	3.8	7.9	17.8	50.9	0.0	2.6	31.0	0.0	0.1	0.0
06	88.0	64.4	76.2	2.3	2.0	1.9	635.9	576.0	486.3	338.9	201.3	151.5	0.0	0.1	0.4	3.0	0.2	11.0	30.0	0.0	0.0	0.0
07	91.0	68.3	79.6	2.3	1.9	1.9	764.1	702.1	609.1	454.1	300.4	240.7	0.0	0.0	0.0	0.0	0.6	17.5	31.0	0.0	0.0	0.0
08	90.2	66.7	78.5	3.0	2.2	2.4	726.9	664.9	571.9	417.2	265.7	208.3	0.0	0.0	0.0	0.3	0.2	14.8	31.0	0.0	0.0	0.0
09	85.0	60.0	72.5	3.1	2.3	2.4	525.9	467.1	380.4	244.8	130.0	92.5	1.0	2.3	5.6	19.9	0.1	7.2	30.0	0.0	0.0	0.0
10	74.0	49.1	61.6	2.7	2.3	2.1	240.8	195.9	138.0	64.8	21.6	12.7	37.7	54.8	90.0	171.7	0.0	0.5	30.7	0.0	1.8	0.0
11	61.2	39.7	50.5	4.5	3.9	4.0	66.4	48.0	27.9	9.5	1.7	0.5	202.8	244.4	314.3	445.9	0.0	0.0	25.1	0.0	9.1	0.0
12	51.0	33.0	42.0	4.6	4.2	4.3	16.2	9.8	4.1	0.5	0.0	0.0	419.1	474.7	562.0	713.4	0.0	0.0	15.7	1.8	17.3	0.0
Summary	71.5	48.9	60.2	3.5	3.2	3.2	3746	3303	2683	1773	1021	768	1806	2092	2567	3482	1.1	53.7	309.8	7.1	77.8	0.9

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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	3.73	11.5	7.3	2.9	0.9	2.62	3.41	4.91
02	4.47	10.8	6.8	3.0	1.4	2.61	3.56	5.71
03	5.01	12.9	8.9	3.3	1.4	2.92	4.31	5.78
04	4.92	11.9	8.1	3.6	1.7	2.98	4.70	6.31
05	5.16	12.1	8.0	3.9	1.6	3.22	4.49	6.10
06	4.84	11.9	8.0	3.4	1.6	3.52	4.76	5.56
07	4.93	10.7	7.3	3.6	1.7	3.33	4.03	6.37
08	3.82	9.1	5.6	2.6	1.1	1.88	3.57	5.44
09	3.95	7.9	5.5	2.6	1.2	2.08	2.93	5.71
10	3.79	9.0	5.5	2.5	1.2	2.53	3.44	5.03
11	4.09	9.5	6.1	3.2	1.5	2.74	4.07	4.91
12	4.78	11.5	7.9	3.4	1.4	3.17	4.60	6.05
Summary	53.49	128.8	85.0	38.0	16.7	33.60	47.87	67.88

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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	0.7	0.4	0.4	0.2	0.1	0.0					0.0	0.0	0.0
02	1.4	0.7	0.5	0.2	0.1	0.0					0.0	0.0	0.7
03	0.6	0.6	0.3	0.2	0.1	0.0					0.0	0.0	0.7
04	0.0	0.0	0.0	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
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	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
12	1.3	0.4	0.4	0.2	0.1	0.0					0.0	0.0	0.0
Summary	4.0	2.1	1.6	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	121.7	163.9	364.8	621.7	899.0	1085.8	1228.9	1191.7	974.7	669.1	337.3	160.0
45	63.2	92.6	245.0	476.1	744.0	935.8	1074.0	1036.8	824.8	517.4	222.6	87.5
50	29.6	46.4	149.3	340.4	589.3	785.9	919.0	881.8	674.9	371.3	131.0	41.6
55	11.8	19.5	80.4	220.8	437.8	635.9	764.1	726.9	525.9	240.8	66.4	16.2
60	2.8	6.1	35.5	124.2	296.8	486.3	609.1	571.9	380.4	138.0	27.9	4.1
Growing Degree Units for Corn (Monthly)												
50/86	64.7	99.3	224.9	401.4	593.7	735.0	835.0	807.5	647.6	425.0	198.6	82.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	122	286	650	1272	2171	3257	4486	5678	6652	7321	7659	7819
45	63	156	401	877	1621	2557	3631	4668	5492	6010	6232	6320
50	30	76	225	566	1155	1941	2860	3742	4417	4788	4919	4960
55	12	31	112	332	770	1406	2170	2897	3423	3664	3730	3746
60	3	9	44	169	465	952	1561	2133	2513	2651	2679	2683
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	65	164	389	790	1384	2119	2954	3762	4409	4834	5033	5115

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

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