

Summary of Monthly Normals
1991-2020
 Generated on 11/28/2021

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	32.5	16.3	24.4	4.8	5.6	5.1	0.3	0.1	0.0	0.0	0.0	0.0	948.7	1010.5	1103.3	1258.4	0.0	0.0	2.6	15.3	28.5	4.5
02	36.8	19.7	28.2	5.7	5.9	5.7	0.2	0.1	0.0	0.0	0.0	0.0	749.1	805.0	888.9	1028.9	0.0	0.0	3.7	9.4	25.2	2.1
03	48.6	29.4	39.0	5.3	4.4	4.8	13.3	9.0	5.0	1.7	0.3	0.1	509.3	567.1	656.0	807.8	0.0	0.0	13.6	2.5	21.2	0.2
04	61.2	39.4	50.3	3.7	3.0	3.2	57.4	40.9	22.8	6.8	1.3	0.4	198.4	241.9	313.7	447.8	0.0	0.0	25.0	0.0	6.8	0.0
05	72.5	51.0	61.8	3.9	3.1	3.4	244.5	200.5	143.2	71.6	27.3	16.4	35.3	53.3	89.0	172.4	0.0	1.3	30.6	0.0	0.3	0.0
06	81.9	61.0	71.5	2.3	1.8	1.9	494.3	435.5	349.0	215.9	107.7	74.2	1.0	2.1	5.7	22.5	0.0	5.5	30.0	0.0	0.0	0.0
07	84.8	64.8	74.8	3.0	2.6	2.7	613.7	551.7	458.7	305.5	165.5	118.6	0.0	0.0	0.0	1.8	0.3	6.8	31.0	0.0	0.0	0.0
08	83.2	63.0	73.1	2.7	2.7	2.6	561.0	499.1	406.6	256.3	126.0	84.9	0.0	0.0	0.6	5.2	0.1	4.6	31.0	0.0	0.0	0.0
09	77.9	55.1	66.5	3.3	2.7	2.8	354.2	299.9	224.4	121.0	52.4	34.5	9.3	15.0	29.6	76.1	0.0	3.0	30.0	0.0	0.1	0.0
10	65.1	43.1	54.1	2.8	2.5	2.4	103.1	77.4	47.9	17.5	4.9	2.7	131.0	167.3	230.8	355.4	0.0	0.1	28.7	0.0	3.7	0.0
11	49.9	32.1	41.0	5.5	4.2	4.7	11.1	6.8	2.8	0.5	0.0	0.0	431.0	486.8	572.7	720.5	0.0	0.0	15.0	1.7	16.5	0.0
12	37.8	22.1	30.0	5.0	5.3	5.0	0.5	0.1	0.0	0.0	0.0	0.0	776.9	838.5	931.4	1086.4	0.0	0.0	4.7	8.9	26.8	1.4
Summary	61.0	41.4	51.2	4.0	3.6	3.7	2454	2121	1660	997	485	332	3790	4188	4822	5983	0.4	21.3	245.9	37.8	129.1	8.2

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	2.37	10.7	5.3	1.0	0.4	1.28	2.23	3.41
02	1.94	8.6	4.6	0.9	0.2	1.23	1.50	2.44
03	2.49	9.1	5.2	1.5	0.3	1.49	2.09	3.29
04	3.87	10.9	7.2	2.6	1.1	2.44	4.06	4.49
05	5.15	11.7	7.6	2.8	1.2	3.91	5.22	6.32
06	5.21	10.1	6.7	3.4	1.5	3.17	4.77	6.42
07	4.65	8.6	6.2	3.5	1.5	2.46	3.70	5.63
08	3.85	8.6	5.5	2.0	0.9	2.24	3.20	4.12
09	3.56	7.6	5.4	2.0	0.7	1.57	2.96	4.43
10	3.40	9.2	6.0	2.0	0.6	1.94	2.84	4.59
11	2.82	9.0	5.3	1.8	0.4	1.86	2.67	3.79
12	2.35	9.0	4.5	1.1	0.3	1.62	2.09	2.66
Summary	41.66	113.1	69.5	24.6	9.1	25.21	37.33	51.59

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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	8.1	5.6	3.0	0.8	0.3	0.0	14.7	8.0	4.1	1.4	4.3	7.4	11.0
02	3.4	4.2	2.3	0.7	0.3	0.0	9.9	5.6	3.5	0.9	1.6	3.6	5.6
03	3.0	1.9	1.1	0.3	0.2	0.0	3.3	1.8	0.7	0.1	0.1	1.5	4.3
04	0.3	0.4	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.3
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	0.6	0.7	0.3	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.6
12	5.3	3.5	1.5	0.5	0.1	0.0	6.4	2.9	1.3	0.6	1.5	3.7	7.1
Summary	20.7	16.3	8.3	2.4	0.9	0.0	35.2	18.5	9.6	3.0	7.5	16.2	28.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10.5	18.9	114.4	328.1	674.5	943.3	1078.7	1026.0	794.8	442.2	134.9	24.8
45	3.4	6.6	62.3	210.0	521.1	793.3	923.7	871.0	645.1	303.8	68.7	7.9
50	0.8	1.5	31.2	118.0	374.1	643.4	768.7	716.0	497.0	189.6	30.6	2.3
55	0.3	0.2	13.3	57.4	244.5	494.3	613.7	561.0	354.2	103.1	11.1	0.5
60	0.0	0.0	5.0	22.8	143.2	349.0	458.7	406.6	224.4	47.9	2.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.1	11.4	69.7	189.9	404.9	625.8	741.8	699.0	505.3	257.5	72.1	12.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	29	144	472	1146	2090	3168	4194	4989	5431	5566	5591
45	3	10	72	282	803	1597	2520	3391	4036	4340	4409	4417
50	1	2	34	152	526	1169	1938	2654	3151	3340	3371	3373
55	0	0	14	71	316	810	1424	1985	2339	2442	2453	2454
60	0	0	5	28	171	520	979	1385	1610	1658	1660	1660
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	16	86	276	681	1307	2049	2748	3253	3510	3582	3595

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

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