

Summary of Monthly Normals
1991-2020
Generated on 10/22/2021

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	28.1	11.9	20.0	4.2	6.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1084.8	1146.9	1239.8	1394.8	0.0	0.0	0.3	21.2	29.8	6.7
02	30.2	11.2	20.7	4.6	6.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	960.2	1016.3	1100.2	1240.2	0.0	0.0	0.9	17.7	27.2	6.4
03	39.4	19.1	29.3	4.8	4.2	4.3	1.9	1.3	0.6	0.2	0.0	0.0	800.1	861.5	953.8	1108.4	0.0	0.0	5.0	8.9	28.0	2.3
04	52.2	30.2	41.2	4.0	2.6	3.1	10.0	6.4	3.5	1.1	0.3	0.2	424.0	480.4	567.5	715.1	0.0	0.0	16.7	1.0	19.1	0.0
05	65.8	40.9	53.4	4.0	3.1	3.3	86.8	65.4	40.7	15.4	3.4	1.2	138.0	178.6	247.0	376.7	0.0	0.3	28.9	0.0	5.0	0.0
06	75.9	50.4	63.2	3.0	2.3	2.3	257.1	206.9	141.4	64.5	21.8	12.7	12.7	22.5	47.0	120.1	0.0	2.0	30.0	0.0	0.1	0.0
07	80.5	55.9	68.2	3.2	2.5	2.8	409.2	348.1	259.0	132.6	50.5	30.4	0.2	1.0	4.9	33.6	0.0	2.9	31.0	0.0	0.0	0.0
08	78.8	54.5	66.6	2.5	2.6	2.4	361.8	301.9	217.6	103.1	33.9	19.1	0.8	2.8	11.5	52.1	0.0	1.5	31.0	0.0	0.0	0.0
09	71.0	47.0	59.0	3.2	2.8	2.8	167.1	128.9	81.5	32.4	9.4	5.0	47.1	68.9	111.6	212.5	0.0	0.5	29.8	0.0	1.0	0.0
10	57.6	37.2	47.4	3.0	2.4	2.6	30.0	20.1	10.4	3.2	0.9	0.5	265.5	317.6	400.9	548.7	0.0	0.0	23.2	0.0	9.9	0.0
11	44.6	28.6	36.6	5.0	3.0	3.9	2.0	1.1	0.5	0.0	0.0	0.0	554.0	613.1	702.5	852.0	0.0	0.0	8.6	3.7	20.7	0.1
12	33.6	19.6	26.6	4.3	5.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	880.3	942.3	1035.3	1190.3	0.0	0.0	1.4	15.0	28.2	1.7
Summary	54.8	33.9	44.4	3.8	3.6	3.5	1326	1080	755	352	120	69	5168	5652	6422	7845	0.0	7.2	206.8	67.5	169.0	17.2

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	1.81	15.6	5.2	0.5	0.1	1.23	1.74	2.31
02	1.52	11.8	4.5	0.5	0.1	0.82	1.39	1.85
03	1.81	11.0	4.6	0.9	0.1	1.02	1.44	2.02
04	2.93	11.5	6.6	2.1	0.4	2.10	2.63	3.32
05	2.78	11.7	6.7	1.9	0.2	1.79	2.58	3.67
06	2.74	10.4	6.1	2.0	0.4	2.01	2.54	3.29
07	3.20	10.9	6.3	2.0	0.6	2.03	3.00	4.04
08	3.09	9.6	5.8	2.2	0.7	2.00	2.64	3.68
09	2.84	11.2	6.2	1.8	0.5	1.76	2.63	3.58
10	3.01	13.9	6.7	1.8	0.3	1.85	2.65	4.11
11	2.07	13.8	5.6	0.9	0.2	1.33	1.95	2.72
12	1.87	14.0	4.5	1.0	0.1	1.27	1.64	2.20
Summary	29.67	145.4	68.8	17.6	3.7	19.21	26.83	36.79

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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	19.3	15.1	6.9	1.9	0.6	0.0	28.8	24.3	19.6	7.5	15.2	16.6	20.8
02	17.0	12.5	5.9	1.9	0.6	0.1	27.5	26.3	22.7	11.8	12.9	17.3	21.3
03	10.6	7.1	3.4	1.1	0.4	0.1	22.1	18.5	15.0	7.3	6.7	8.3	11.9
04	6.6	3.2	1.8	0.9	0.3	0.1	4.9	2.5	1.8	0.4	0.6	2.9	11.4
05	0.2	0.2	0.1	0.0	0.0	0.0	0.1	0.1	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	0.4	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
11	6.6	5.9	2.0	0.5	0.2	0.0	6.0	2.4	0.9	0.1	2.4	5.2	9.0
12	16.9	11.6	5.4	1.6	0.8	0.0	19.0	13.9	9.7	3.9	8.1	13.2	24.2
Summary	77.6	56.0	25.7	7.9	2.9	0.3	108.5	88.0	69.7	31.0	45.9	63.5	98.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.9	2.2	25.4	120.4	416.9	694.4	874.1	826.1	570.1	249.6	61.8	7.3
45	0.0	0.4	11.2	59.1	276.1	544.5	719.0	671.0	422.0	142.0	25.3	1.8
50	0.0	0.0	4.5	26.1	163.0	396.2	564.0	516.0	283.9	71.1	8.0	0.2
55	0.0	0.0	1.9	10.0	86.8	257.1	409.2	361.8	167.1	30.0	2.0	0.0
60	0.0	0.0	0.6	3.5	40.7	141.4	259.0	217.6	81.5	10.4	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.3	1.8	20.3	87.3	256.6	428.6	560.5	525.5	345.5	140.4	33.0	3.5

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1	3	28	149	566	1260	2134	2960	3530	3780	3842	3849
45	0	0	12	71	347	891	1610	2281	2703	2845	2871	2872
50	0	0	4	31	194	590	1154	1670	1954	2025	2033	2033
55	0	0	2	12	99	356	765	1127	1294	1324	1326	1326
60	0	0	1	4	45	186	445	663	744	755	755	755
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	22	110	366	795	1355	1881	2226	2367	2400	2403

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

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