

Summary of Monthly Normals
1991-2020
 Generated on 09/19/2021

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	46.8	28.1	37.5				2.4	0.5	0.1	0.0	0.0	0.0	545.7	605.9	698.6	853.6	0.0	0.0	13.6	3.2	19.2	0.2
02	51.6	30.0	40.8				10.1	5.7	2.3	0.2	0.0	0.0	407.1	458.8	539.5	677.6	0.0	0.0	17.8	0.8	14.6	0.0
03	60.0	38.8	49.4				44.0	30.6	15.9	4.4	0.4	0.0	217.8	266.3	344.4	487.9	0.0	0.0	26.8	0.4	6.2	0.0
04	69.2	47.3	58.3				153.9	116.4	71.3	24.3	4.7	2.1	56.5	79.0	123.8	226.8	0.0	0.2	29.0	0.0	2.0	0.0
05	76.9	56.8	66.9				373.2	317.1	237.9	120.5	40.9	22.3	5.9	11.7	25.6	63.1	0.0	1.0	30.8	0.0	0.0	0.0
06	85.0	64.8	74.9				596.5	536.6	446.6	297.5	156.1	106.2	0.0	0.0	0.1	0.9	0.0	6.0	30.0	0.0	0.0	0.0
07	89.4	68.3	78.9				739.1	677.1	584.0	429.1	274.2	212.8	0.0	0.0	0.0	0.0	0.0	17.0	31.0	0.0	0.0	0.0
08	89.5	67.0	78.3				720.1	658.1	565.0	410.4	257.0	198.0	0.0	0.0	0.0	0.2	0.0	10.4	31.0	0.0	0.0	0.0
09	81.8	59.5	70.7				470.4	411.5	325.0	192.0	84.4	52.2	1.1	2.2	5.6	22.6	0.0	6.0	30.0	0.0	0.0	0.0
10	71.3	48.5	59.9				201.7	161.8	113.6	52.6	15.7	8.6	50.2	72.3	116.7	210.7	0.0	0.0	29.8	0.0	1.2	0.0
11	59.3	37.7	48.5				45.3	31.8	16.9	5.5	1.1	0.4	240.1	286.6	361.6	500.3	0.0	0.0	26.0	0.4	8.6	0.0
12	49.1	30.7	39.9				5.1	2.2	0.2	0.0	0.0	0.0	472.4	531.6	622.8	777.7	0.0	0.0	18.3	1.2	16.0	0.0
Summary	69.2	48.1	58.7	0.0	0.0	0.0	3362	2949	2379	1536	834	603	1997	2314	2839	3821	0.0	40.6	314.1	6.0	67.8	0.2

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	2.96	7.1	4.3	1.9	1.0	1.91	3.19	4.17
02	2.80	7.2	5.0	1.7	0.8	1.78	2.62	3.99
03	4.20	10.8	7.4	3.5	1.4	2.33	3.71	5.35
04	5.17	10.5	7.2	3.7	1.8	3.18	4.63	6.62
05	5.54	11.2	8.2	4.2	1.9	4.08	5.21	6.65
06	4.17	8.4	6.0	2.7	1.0	2.26	3.77	5.68
07	3.74	9.1	6.2	2.6	1.2	2.32	3.62	4.31
08	3.36	8.8	5.6	2.5	1.1	1.82	3.03	4.43
09	4.40	7.6	5.0	2.6	1.5	2.54	3.46	5.04
10	4.02	8.2	5.8	2.8	1.4	2.24	3.00	5.86
11	3.88	8.0	4.7	2.4	1.2	1.75	2.91	5.53
12	3.22	8.9	5.0	2.2	0.9	1.90	2.99	4.11
Summary	47.46	105.8	70.4	32.8	15.2	28.11	42.14	61.74

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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	2.2	1.5	0.6	0.2	0.1	0.1					0.3	0.9	2.9
02	3.4	2.1	1.4	0.6	0.4	0.1					0.3	3.0	6.0
03	2.2	1.0	0.7	0.3	0.2	0.0					0.0	0.6	3.7
04	0.0	0.1	0.0	0.0	0.0	0.0					0.0	0.0	0.0
05	0.0	0.1	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	0.2	0.2	0.1	0.1	0.0	0.0					0.0	0.0	0.0
12	1.5	1.1	0.4	0.2	0.1	0.0					0.0	0.5	0.9
Summary	9.5	6.1	3.2	1.4	0.8	0.2	0.0	0.0	0.0	0.0	0.6	5.0	13.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	93.5	135.5	317.6	550.0	832.3	1046.5	1204.1	1185.1	919.3	617.4	278.6	107.8
45	40.0	73.6	193.3	404.7	677.3	896.4	1048.9	1029.8	769.2	466.9	172.6	47.8
50	14.5	33.1	101.6	269.8	523.2	746.4	894.0	874.9	619.5	325.2	94.3	17.6
55	2.4	10.1	44.0	153.9	373.2	596.5	739.1	720.1	470.4	201.7	45.3	5.1
60	0.1	2.3	15.9	71.3	237.9	446.6	584.0	565.0	325.0	113.6	16.9	0.2
Growing Degree Units for Corn (Monthly)												
50/86	51.8	84.4	180.1	327.7	533.0	725.5	832.8	806.6	613.9	381.3	166.0	59.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	94	229	547	1097	1929	2975	4180	5365	6284	6901	7180	7288
45	40	114	307	712	1389	2285	3334	4364	5133	5600	5773	5820
50	14	48	149	419	942	1689	2583	3458	4077	4402	4496	4514
55	2	12	56	210	584	1180	1919	2639	3110	3311	3357	3362
60	0	2	18	90	328	774	1358	1923	2248	2362	2379	2379
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	52	136	316	644	1177	1902	2735	3542	4156	4537	4703	4762

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

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