

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	28.7	13.4	21.1	4.5	5.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1052.1	1114.2	1207.2	1362.3	0.0	0.0	1.1	18.5	29.3	5.2
02	32.8	16.4	24.6	5.5	6.3	5.8	0.2	0.1	0.0	0.0	0.0	0.0	851.2	907.2	991.1	1131.2	0.0	0.0	1.7	13.8	26.6	3.1
03	44.5	26.5	35.5	5.0	4.6	4.8	7.6	5.6	3.5	1.1	0.1	0.0	612.1	672.1	763.0	915.7	0.0	0.0	10.0	4.8	22.3	0.5
04	57.5	37.2	47.3	4.1	2.9	3.4	39.4	27.7	15.3	3.8	0.5	0.2	269.0	317.2	394.8	533.2	0.0	0.0	22.0	0.3	8.0	0.0
05	68.5	48.3	58.4	3.1	3.1	3.0	172.0	135.3	89.6	39.1	12.9	6.8	66.7	91.9	139.3	243.7	0.0	0.2	29.6	0.0	0.4	0.0
06	77.5	58.1	67.8	2.5	2.5	2.4	388.2	331.7	250.8	136.5	55.9	34.3	4.3	7.8	16.9	52.6	0.0	1.2	30.0	0.0	0.0	0.0
07	81.3	62.6	72.0	3.1	2.7	2.8	525.3	463.3	370.8	224.2	103.1	67.8	0.0	0.0	0.4	8.8	0.0	2.9	31.0	0.0	0.0	0.0
08	79.2	61.2	70.2	2.4	2.6	2.4	471.1	409.5	317.9	174.9	67.1	39.0	0.0	0.4	1.8	13.7	0.1	1.8	31.0	0.0	0.0	0.0
09	72.4	53.6	63.0	2.9	2.6	2.5	258.9	210.0	145.8	66.9	22.4	12.5	19.1	30.1	55.9	126.9	0.0	0.3	30.0	0.0	0.1	0.0
10	60.1	41.5	50.8	3.0	2.6	2.6	56.7	38.6	19.7	5.6	1.4	0.7	186.9	230.8	304.9	445.7	0.0	0.0	26.3	0.0	5.0	0.0
11	46.3	30.2	38.2	5.2	4.2	4.6	5.0	2.8	1.1	0.2	0.0	0.0	507.6	565.4	653.6	802.7	0.0	0.0	11.6	3.0	17.7	0.0
12	34.2	19.7	27.0	4.7	5.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	869.4	931.4	1024.4	1179.5	0.0	0.0	2.2	13.6	27.8	2.6
Summary	56.9	39.1	48.0	3.8	3.8	3.7	1924	1625	1214	652	263	161	4438	4868	5553	6816	0.1	6.4	226.5	54.0	137.2	11.4

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	2.07	10.2	5.3	1.2	0.3	1.32	1.80	2.51
02	1.90	8.6	4.7	1.1	0.2	1.10	1.61	2.59
03	2.35	10.0	5.4	1.4	0.3	1.41	1.97	3.14
04	3.95	12.6	7.7	2.8	0.9	2.66	3.81	4.95
05	5.15	13.8	8.3	3.5	1.4	3.43	4.56	6.62
06	4.60	12.7	8.2	3.3	1.4	3.15	4.55	6.10
07	4.02	9.8	5.9	2.6	1.5	2.21	4.06	5.24
08	4.58	10.9	7.0	3.2	1.2	2.95	3.69	5.39
09	3.65	9.6	6.0	2.2	0.9	2.07	3.19	4.20
10	3.39	11.3	6.7	1.9	0.8	1.79	2.50	5.29
11	2.58	10.6	5.2	1.5	0.4	1.56	2.14	3.42
12	2.19	10.9	5.6	1.2	0.4	1.53	1.76	2.60
Summary	40.43	131.0	76.0	25.9	9.7	25.18	35.64	52.05

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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	12.6	7.3	3.5	1.4	0.5	0.1	20.2	15.4	11.1	3.9	8.3	11.4	14.3
02	8.5	5.8	3.0	1.0	0.5	0.0	18.6	14.3	10.1	3.7	2.8	7.7	12.2
03	4.6	3.2	1.6	0.6	0.2	0.0	8.2	4.7	3.3	1.2	2.7	3.4	6.2
04	1.1	0.6	0.4	0.1	0.0	0.0	0.6	0.2	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	2.0	1.5	0.6	0.2	0.1	0.0	2.2	0.6	0.2	0.0	0.0	0.5	4.3
12	9.6	6.4	3.5	1.3	0.3	0.0	14.5	9.4	6.2	1.3	3.3	9.0	14.0
Summary	38.5	24.9	12.6	4.6	1.6	0.1	64.3	44.6	30.9	10.1	17.1	32.0	52.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2.8	10.7	77.3	257.9	571.1	833.8	990.2	936.0	689.9	346.5	95.8	12.7
45	0.7	4.0	39.0	156.3	421.0	684.0	835.3	781.1	540.6	219.9	45.7	3.5
50	0.2	1.2	17.1	83.8	283.7	534.7	680.4	626.1	394.9	123.4	17.6	1.1
55	0.0	0.2	7.6	39.4	172.0	388.2	525.3	471.1	258.9	56.7	5.0	0.0
60	0.0	0.0	3.5	15.3	89.6	250.8	370.8	317.9	145.8	19.7	1.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.4	5.6	46.1	149.1	328.8	535.5	668.9	622.0	414.6	180.1	46.9	5.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	3	14	91	349	920	1754	2744	3680	4370	4716	4812	4825
45	1	5	44	200	621	1305	2140	2921	3462	3682	3728	3731
50	0	1	18	102	386	921	1601	2227	2622	2746	2763	2764
55	0	0	8	47	219	607	1133	1604	1863	1919	1924	1924
60	0	0	4	19	108	359	730	1048	1194	1213	1214	1214
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	7	53	202	531	1066	1735	2357	2772	2952	2999	3004

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

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