

Summary of Monthly Normals
1991-2020
 Generated on 09/16/2021

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	46.8	27.8	37.3	4.1	4.4	4.1	7.8	4.9	1.9	0.2	0.0	0.0	556.2	615.4	705.5	858.8	0.0	0.0	13.2	3.9	21.1	0.1
02	51.6	30.6	41.1	4.6	4.2	4.3	12.6	7.9	3.5	0.5	0.0	0.0	401.7	453.1	532.7	669.7	0.0	0.0	15.5	1.8	16.9	0.1
03	61.2	38.0	49.6	4.7	3.9	4.1	59.9	42.7	23.8	6.6	0.8	0.3	227.3	272.1	346.2	484.0	0.0	0.0	25.1	0.3	9.6	0.0
04	71.8	47.0	59.4	3.1	3.2	3.0	192.2	153.1	103.0	42.2	10.4	4.5	60.2	81.2	121.0	210.2	0.0	0.2	29.1	0.0	1.7	0.0
05	79.4	56.8	68.1	2.8	3.2	2.8	409.2	350.7	267.8	148.8	60.4	35.3	3.1	6.6	16.7	52.8	0.0	2.5	31.0	0.0	0.0	0.0
06	86.6	65.0	75.8	2.3	2.0	1.9	623.9	563.9	474.1	326.2	187.8	138.5	0.0	0.0	0.2	2.3	0.1	11.3	30.0	0.0	0.0	0.0
07	89.9	69.0	79.5	2.4	2.2	2.1	757.9	695.9	602.9	447.9	294.1	233.9	0.0	0.0	0.0	0.0	0.5	18.5	31.0	0.0	0.0	0.0
08	89.6	67.4	78.5	3.2	2.6	2.6	728.4	666.4	573.4	418.6	266.4	208.7	0.0	0.0	0.0	0.2	1.0	16.4	31.0	0.0	0.0	0.0
09	83.6	59.8	71.7	3.5	2.7	2.7	501.6	442.6	356.4	222.3	114.5	80.0	0.7	1.7	5.5	21.3	0.1	7.4	30.0	0.0	0.0	0.0
10	72.3	47.7	60.0	2.7	2.4	2.1	202.4	160.0	106.8	44.3	13.4	7.4	47.4	67.0	106.8	199.3	0.0	0.5	30.7	0.0	1.1	0.0
11	59.7	37.1	48.4	4.4	3.6	3.7	42.8	29.1	15.0	3.5	0.2	0.1	240.7	287.0	363.0	501.5	0.0	0.0	24.3	0.0	10.0	0.0
12	50.1	31.1	40.6	4.6	3.9	4.2	13.2	8.5	4.0	0.4	0.0	0.0	459.5	516.8	605.3	756.8	0.0	0.0	15.9	1.6	18.1	0.0
Summary	70.2	48.1	59.2	3.5	3.2	3.1	3552	3126	2533	1662	948	709	1997	2301	2803	3757	1.7	56.8	306.8	7.6	78.5	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	4.03	11.9	7.5	2.6	0.9	2.59	3.94	5.09
02	4.51	11.2	7.0	3.4	1.2	2.64	3.50	5.42
03	4.78	12.3	7.9	3.5	1.4	3.30	4.39	6.19
04	4.97	11.9	8.0	3.3	1.5	3.34	4.14	6.42
05	5.59	12.1	8.3	3.7	1.7	3.87	5.39	6.69
06	4.65	10.8	7.3	3.2	1.2	3.33	4.04	5.85
07	4.59	10.1	7.1	3.3	1.4	2.76	3.92	6.13
08	3.69	9.4	5.9	2.2	0.8	2.50	3.27	4.65
09	3.35	8.7	5.7	2.4	0.9	1.43	2.69	4.41
10	4.31	9.1	5.7	2.8	1.3	2.72	3.85	5.23
11	4.11	10.5	6.4	2.7	1.2	2.37	3.76	5.92
12	4.92	12.4	7.6	3.2	1.4	3.42	5.14	6.49
Summary	53.50	130.4	84.4	36.3	14.9	34.27	48.03	68.49

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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	0.3	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
02	0.1	0.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
03	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04	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
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	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
Summary	0.5	0.5	0.4	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	94.3	134.4	325.8	583.7	871.1	1073.8	1222.8	1193.2	950.8	621.2	280.1	132.7
45	46.1	72.3	209.9	440.3	716.1	923.9	1067.8	1038.3	800.8	470.0	173.7	69.0
50	20.2	33.7	121.0	306.7	561.4	773.9	912.8	883.3	650.9	326.6	93.5	32.3
55	7.8	12.6	59.9	192.2	409.2	623.9	757.9	728.4	501.6	202.4	42.8	13.2
60	1.9	3.5	23.8	103.0	267.8	474.1	602.9	573.4	356.4	106.8	15.0	4.0
Growing Degree Units for Corn (Monthly)												
50/86	58.1	88.2	202.7	367.0	566.3	733.7	841.5	813.2	628.1	387.4	172.6	76.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	94	229	554	1138	2009	3083	4306	5499	6450	7071	7351	7484
45	46	118	328	769	1485	2409	3476	4515	5316	5786	5959	6028
50	20	54	175	482	1043	1817	2730	3613	4264	4590	4684	4716
55	8	20	80	272	682	1306	2064	2792	3294	3496	3539	3552
60	2	5	29	132	400	874	1477	2050	2407	2514	2529	2533
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	58	146	349	716	1282	2016	2858	3671	4299	4686	4859	4936

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

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