

Summary of Monthly Normals
1991-2020
 Generated on 09/24/2021

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	48.4	26.4	37.4	3.8	2.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	545.5	607.5	700.6	855.6	0.0	0.0	15.2	0.8	26.1	0.0
02	54.1	29.8	41.9	3.4	2.5	2.6	0.9	0.2	0.0	0.0	0.0	0.0	366.2	421.6	505.4	645.4	0.0	0.0	20.4	0.2	18.2	0.0
03	62.8	36.2	49.5	3.0	2.2	2.4	23.2	12.8	3.8	0.1	0.0	0.0	193.7	245.3	329.3	480.6	0.0	0.0	29.0	0.0	8.2	0.0
04	70.3	43.2	56.8	2.8	1.8	2.2	115.9	81.4	41.3	7.4	0.5	0.1	63.3	88.9	138.7	254.9	0.0	0.0	29.4	0.0	1.6	0.0
05	79.9	52.4	66.1	3.2	2.3	2.6	354.1	297.5	217.0	105.3	34.8	19.8	8.4	13.9	26.3	69.6	0.0	2.9	31.0	0.0	0.1	0.0
06	90.4	61.9	76.1	2.8	2.1	2.4	634.3	574.3	484.5	336.4	195.6	144.9	0.0	0.0	0.1	2.0	1.2	19.0	30.0	0.0	0.0	0.0
07	91.2	66.5	78.9	2.4	1.5	1.8	739.3	677.3	584.3	429.3	274.8	214.9	0.0	0.0	0.0	0.0	1.3	22.3	31.0	0.0	0.0	0.0
08	88.8	64.9	76.9	2.8	1.5	2.1	677.2	615.3	522.3	367.3	214.6	157.6	0.0	0.0	0.0	0.0	0.1	16.5	31.0	0.0	0.0	0.0
09	82.5	58.1	70.3	2.5	2.1	2.2	459.6	400.7	313.9	178.6	71.7	42.2	0.7	1.8	5.0	19.6	0.0	3.7	30.0	0.0	0.0	0.0
10	70.6	46.1	58.4	3.0	2.0	2.1	153.6	112.7	62.2	13.3	1.0	0.3	49.8	70.9	113.3	219.5	0.0	0.0	30.3	0.0	1.2	0.0
11	57.3	34.1	45.7	3.8	2.5	3.0	8.9	4.0	0.9	0.0	0.0	0.0	287.9	343.0	429.9	579.0	0.0	0.0	24.8	0.0	11.7	0.0
12	47.3	26.6	36.9	2.9	2.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	559.3	621.4	714.5	869.5	0.0	0.0	12.7	1.1	25.7	0.0
Summary	70.3	45.5	57.9	3.0	2.1	2.4	3167	2776	2230	1438	793	580	2075	2414	2963	3996	2.6	64.4	314.8	2.1	92.8	0.0

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	0.36	3.6	1.4	0.1	0.0	0.10	0.30	0.55
02	0.43	3.7	1.3	0.2	0.0	0.14	0.27	0.56
03	0.46	3.8	1.4	0.1	0.0	0.14	0.22	0.64
04	0.51	2.8	1.5	0.2	0.0	0.04	0.38	0.69
05	0.44	3.7	1.4	0.2	0.0	0.07	0.19	0.42
06	0.57	3.5	1.5	0.4	0.0	0.19	0.49	0.71
07	1.64	8.7	4.1	1.0	0.3	0.86	1.42	2.25
08	1.31	8.3	3.7	0.7	0.1	0.72	1.00	1.59
09	1.15	5.9	2.5	0.8	0.1	0.50	0.91	1.44
10	0.87	4.7	2.3	0.5	0.1	0.26	0.67	1.50
11	0.57	3.4	1.7	0.2	0.0	0.06	0.47	0.94
12	0.53	4.0	1.7	0.2	0.0	0.16	0.33	1.00
Summary	8.84	56.1	24.5	4.6	0.6	3.24	6.65	12.29

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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	1.4	1.9	0.4	0.0	0.0	0.0	0.8	0.2	0.1	0.0	0.0	0.7	2.2
02	1.5	1.6	0.4	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.9	2.0
03	0.7	1.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.9
04	0.3	0.3	0.1	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	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11	0.9	0.9	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	1.1
12	2.8	2.5	0.8	0.3	0.1	0.0	1.1	0.3	0.1	0.0	0.4	0.9	3.5
Summary	7.9	8.5	2.3	0.5	0.1	0.0	3.1	0.7	0.2	0.0	0.4	2.7	9.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	39.7	102.8	303.0	502.9	810.7	1084.4	1204.3	1142.3	909.0	571.2	200.0	40.5
45	7.5	36.6	173.7	357.2	655.8	934.4	1049.3	987.3	759.0	420.6	99.6	9.2
50	0.4	7.9	78.4	224.8	502.3	784.4	894.3	832.3	609.0	277.4	38.5	0.7
55	0.0	0.9	23.2	115.9	354.1	634.3	739.3	677.2	459.6	153.6	8.9	0.0
60	0.0	0.0	3.8	41.3	217.0	484.5	584.3	522.3	313.9	62.2	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	36.4	81.6	204.4	311.9	510.5	706.7	804.8	772.9	597.4	337.6	126.7	31.1

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	40	142	446	948	1759	2844	4048	5190	6099	6670	6870	6911
45	8	44	218	575	1231	2165	3214	4202	4961	5381	5481	5490
50	0	8	87	312	814	1598	2492	3325	3934	4211	4250	4250
55	0	1	24	140	494	1128	1868	2545	3004	3158	3167	3167
60	0	0	4	45	262	747	1331	1853	2167	2229	2230	2230
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	36	118	322	634	1145	1852	2656	3429	4027	4364	4491	4522

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

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