

Summary of Monthly Normals
1991-2020
 Generated on 09/28/2021

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	46.1	36.5	41.3	3.0	3.3	3.0	0.1	0.0	0.0	0.0	0.0	0.0	424.8	486.7	579.7	734.7	0.0	0.0	9.6	0.8	7.7	0.0
02	50.5	37.2	43.9	3.6	2.8	3.1	0.3	0.0	0.0	0.0	0.0	0.0	312.5	368.2	452.2	592.2	0.0	0.0	16.0	0.3	6.5	0.0
03	56.3	39.5	47.9	3.1	1.7	2.2	7.2	3.1	0.5	0.0	0.0	0.0	227.3	285.2	375.6	530.1	0.0	0.0	25.3	0.0	3.1	0.0
04	62.0	43.3	52.7	2.8	1.9	2.2	40.2	25.8	12.5	3.0	0.4	0.1	110.6	156.2	232.9	373.4	0.0	0.0	29.0	0.0	0.6	0.0
05	69.3	48.4	58.9	3.7	2.0	2.5	147.5	107.7	62.4	20.6	4.0	1.9	28.2	50.4	98.1	211.3	0.0	0.8	30.9	0.0	0.0	0.0
06	74.0	52.8	63.4	3.4	1.6	2.4	255.1	200.2	127.3	49.1	15.2	9.0	3.0	8.1	25.3	97.1	0.2	2.0	30.0	0.0	0.0	0.0
07	81.7	57.0	69.4	3.3	1.4	2.2	444.7	382.8	290.9	151.3	57.0	35.2	0.0	0.1	1.1	16.5	0.6	5.9	31.0	0.0	0.0	0.0
08	81.9	57.3	69.6	2.2	1.5	1.6	452.5	390.6	298.1	155.1	55.3	31.8	0.0	0.0	0.6	12.6	0.4	6.0	31.0	0.0	0.0	0.0
09	76.0	52.9	64.4	2.5	1.9	1.6	285.7	228.8	150.3	57.5	13.7	6.3	2.3	5.4	16.9	74.1	0.0	1.7	30.0	0.0	0.0	0.0
10	63.5	46.4	55.0	2.1	2.4	1.9	68.1	41.4	17.7	2.8	0.1	0.0	69.6	104.9	174.2	314.3	0.0	0.0	30.7	0.0	0.2	0.0
11	52.4	40.6	46.5	2.5	2.7	2.5	4.9	1.7	0.4	0.0	0.0	0.0	259.9	316.7	405.4	555.0	0.0	0.0	21.6	0.1	2.7	0.0
12	45.7	36.1	40.9	2.3	2.6	2.4	0.3	0.1	0.0	0.0	0.0	0.0	437.2	499.1	592.0	747.0	0.0	0.0	7.9	1.0	7.7	0.0
Summary	63.3	45.7	54.5	2.9	2.1	2.3	1707	1382	960	439	146	84	1875	2281	2954	4258	1.2	16.4	293.0	2.2	28.5	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	6.04	20.1	13.9	4.2	0.8	4.13	6.11	7.68
02	4.53	16.7	11.5	2.1	0.5	2.49	4.18	5.27
03	4.65	19.0	13.4	2.9	0.4	3.33	4.55	5.22
04	3.61	16.6	10.6	1.6	0.2	2.48	3.63	5.01
05	2.76	13.8	7.9	1.5	0.1	1.65	2.53	4.00
06	2.01	9.3	5.4	1.1	0.2	1.23	1.79	2.51
07	0.65	3.2	1.5	0.2	0.0	0.22	0.49	1.01
08	0.62	3.6	1.7	0.3	0.0	0.09	0.44	0.88
09	1.65	7.3	4.4	1.0	0.3	1.01	1.35	1.98
10	3.99	14.8	9.1	2.6	0.6	2.58	3.82	5.04
11	6.27	18.5	13.5	4.0	1.0	3.71	6.02	7.95
12	6.96	19.7	14.1	4.9	1.2	4.53	6.29	8.36
Summary	43.74	162.6	107.0	26.4	5.3	27.45	41.20	54.91

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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	1.0	0.8	0.6	0.1	0.0	0.0	1.2	0.7	0.3	0.0	0.0	0.0	1.0
02	0.9	0.6	0.3	0.1	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0
03	0.1	0.3	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	1.4	0.8	0.5	0.1	0.1	0.0	0.7	0.3	0.3	0.2	0.0	0.0	1.0
Summary	3.4	2.6	1.4	0.3	0.1	0.0	2.4	1.3	0.6	0.2	0.0	0.0	2.0

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	91.6	127.6	248.9	379.6	584.3	702.1	909.7	917.5	733.4	463.7	205.6	85.3
45	24.5	39.3	116.1	232.5	429.4	552.0	754.8	762.6	583.5	310.8	90.4	20.9
50	3.2	6.0	36.6	110.6	277.7	402.1	599.7	607.5	433.6	171.0	25.5	3.4
55	0.1	0.3	7.2	40.2	147.5	255.1	444.7	452.5	285.7	68.1	4.9	0.3
60	0.0	0.0	0.5	12.5	62.4	127.3	290.9	298.1	150.3	17.7	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	15.4	37.7	106.4	184.0	315.4	403.5	574.5	583.2	436.9	223.7	59.4	13.2

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	92	219	468	848	1432	2134	3044	3961	4695	5158	5364	5449
45	24	64	180	412	842	1394	2149	2911	3495	3806	3896	3917
50	3	9	46	156	434	836	1436	2043	2477	2648	2674	2677
55	0	0	8	48	195	450	895	1348	1633	1701	1706	1707
60	0	0	0	13	75	203	494	792	942	960	960	960
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	53	160	344	659	1062	1637	2220	2657	2881	2940	2953

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

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