

Summary of Monthly Normals 1991-2020

Generated on 10/17/2021

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	53.2	33.6	43.4	3.4	3.9	3.4	14.3	8.1	3.2	0.3	0.0	0.0	373.7	429.5	517.6	669.8	0.0	0.0	20.3	0.9	16.8	0.0
02	56.2	34.7	45.4	5.0	3.7	4.1	19.2	11.9	5.1	1.2	0.2	0.0	286.5	335.2	412.5	548.5	0.0	0.0	19.9	0.3	13.8	0.0
03	63.2	41.1	52.1	4.3	3.3	3.6	76.5	55.1	30.7	8.6	1.2	0.5	164.7	205.4	274.0	406.9	0.0	0.0	28.0	0.1	8.3	0.0
04	72.2	50.4	61.3	2.3	2.5	2.3	219.8	176.3	120.8	53.2	15.0	7.4	30.9	47.4	81.8	164.2	0.0	0.1	29.9	0.0	1.0	0.0
05	78.9	58.9	68.9	2.6	3.2	2.7	432.4	372.9	288.5	165.3	74.4	48.6	1.4	4.0	12.6	44.3	0.0	2.2	31.0	0.0	0.1	0.0
06	85.8	68.4	77.1	2.3	2.3	2.2	662.9	602.9	513.4	366.6	227.0	175.9	0.0	0.1	0.6	3.7	0.1	9.1	30.0	0.0	0.0	0.0
07	88.9	72.5	80.7	1.9	1.9	1.7	796.5	734.5	641.6	486.6	331.9	270.7	0.0	0.0	0.0	0.0	0.1	14.5	31.0	0.0	0.0	0.0
08	87.3	70.9	79.1	1.9	2.0	1.8	747.0	685.0	592.0	437.1	282.8	222.2	0.0	0.0	0.0	0.0	0.0	11.2	31.0	0.0	0.0	0.0
09	82.2	66.0	74.1	1.8	2.9	2.1	572.9	513.0	423.5	278.0	148.0	103.9	0.0	0.1	0.6	5.0	0.0	2.4	30.0	0.0	0.0	0.0
10	74.1	54.7	64.4	2.1	3.0	2.3	305.0	251.3	179.3	84.8	28.8	17.1	13.6	21.9	42.9	103.4	0.0	0.4	31.0	0.0	0.0	0.0
11	64.0	43.7	53.8	3.3	3.1	3.0	88.2	64.2	36.7	10.9	1.9	0.7	122.6	158.6	221.1	345.4	0.0	0.0	28.5	0.0	4.9	0.0
12	56.4	37.6	47.0	4.6	4.5	4.4	29.3	20.3	10.8	2.7	0.2	0.1	277.3	330.2	413.7	560.7	0.0	0.0	23.3	0.1	13.2	0.0
Summary	71.9	52.7	62.3	3.0	3.0	2.8	3964	3496	2846	1895	1111	847	1271	1532	1977	2852	0.2	39.9	333.9	1.4	58.1	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	3.64	11.5	6.8	2.5	1.1	2.39	3.43	4.50
02	3.29	10.2	6.3	2.2	0.8	1.96	2.95	4.74
03	4.17	11.1	7.5	3.0	1.0	3.30	3.82	5.10
04	3.47	9.5	6.3	2.3	0.9	2.38	3.00	4.84
05	4.07	10.5	6.9	2.5	1.1	2.41	3.43	5.73
06	4.49	9.2	6.9	3.2	1.5	2.62	4.39	5.82
07	5.93	11.1	7.7	3.8	1.8	3.81	5.41	7.62
08	5.91	10.2	7.2	4.1	2.1	4.24	5.78	7.64
09	5.32	9.6	6.6	3.2	1.4	2.73	4.34	6.16
10	3.70	7.8	4.9	2.2	1.2	2.08	2.99	5.38
11	3.39	8.7	5.6	2.2	0.9	1.41	3.07	5.03
12	3.88	11.4	6.7	2.8	1.1	2.22	3.76	5.01
Summary	51.26	120.8	79.4	34.0	14.9	31.55	46.37	67.57

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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	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
02	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03	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
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	0.2	0.1	0.1	0.0	0.0	0.0	0.2	0.0	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	178.6	190.3	385.1	639.1	896.0	1112.9	1261.6	1212.0	1022.9	756.4	419.4	247.2
45	94.6	105.8	253.9	490.6	741.0	962.9	1106.6	1057.0	872.9	601.5	282.7	139.6
50	41.9	49.9	151.2	347.3	586.0	812.9	951.6	902.0	722.9	449.4	170.4	69.1
55	14.3	19.2	76.5	219.8	432.4	662.9	796.5	747.0	572.9	305.0	88.2	29.3
60	3.2	5.1	30.7	120.8	288.5	513.4	641.6	592.0	423.5	179.3	36.7	10.8
Growing Degree Units for Corn (Monthly)												
50/86	100.6	116.7	228.4	390.6	587.0	779.1	894.6	863.2	713.8	475.2	239.2	131.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	179	369	754	1393	2289	3402	4664	5876	6898	7655	8074	8322
45	95	200	454	945	1686	2649	3755	4812	5685	6287	6569	6709
50	42	92	243	590	1176	1989	2941	3843	4566	5015	5185	5255
55	14	34	110	330	762	1425	2222	2969	3542	3846	3935	3964
60	3	8	39	160	448	962	1603	2195	2619	2798	2835	2846
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	101	217	446	836	1423	2202	3097	3960	4674	5149	5388	5520

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

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