

Summary of Monthly Normals
1991-2020

Current Location: Elev: 813 ft. Lat: 42.2981° N Lon: 83.6639° W
Station: ANN ARBOR U OF MICH, MI US USC00200230
Generated on 05/23/2024

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	31.9	16.2	24.0	4.3	5.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	959.2	1021.2	1114.2	1269.3	0.0	0.0	2.3	16.6	28.0	2.3
02	35.4	17.7	26.5	5.0	5.2	5.0	0.1	0.0	0.0	0.0	0.0	0.0	796.5	852.5	936.4	1076.5	0.0	0.0	2.8	11.8	25.3	1.4
03	46.2	25.2	35.7	4.9	4.2	4.4	6.5	4.5	2.3	0.5	0.0	0.0	604.8	664.7	755.6	908.7	0.0	0.0	10.9	3.7	22.1	0.2
04	59.7	35.5	47.6	3.3	2.4	2.8	36.9	26.0	14.0	3.7	0.5	0.1	258.9	308.0	386.0	525.7	0.0	0.0	24.7	0.2	8.8	0.0
05	71.4	46.6	59.0	3.7	3.2	3.4	179.1	141.0	93.3	40.3	11.7	5.7	55.2	79.1	124.4	226.3	0.0	0.3	30.7	0.0	0.5	0.0
06	80.1	55.9	68.0	2.4	1.9	1.9	392.1	334.6	251.9	133.7	53.0	32.3	2.2	4.7	12.1	43.7	0.0	2.8	30.0	0.0	0.0	0.0
07	83.7	60.1	71.9	3.3	2.4	2.8	523.8	461.7	369.2	221.6	102.1	66.6	0.0	0.0	0.4	7.8	0.1	5.8	31.0	0.0	0.0	0.0
08	81.7	58.8	70.3	2.5	2.4	2.3	472.7	410.9	319.5	178.0	70.8	42.9	0.1	0.3	1.8	15.3	0.0	2.3	31.0	0.0	0.0	0.0
09	75.1	51.6	63.3	3.4	2.4	2.7	268.5	219.0	152.9	68.8	21.0	11.0	18.2	28.7	52.5	118.3	0.0	1.1	30.0	0.0	0.1	0.0
10	62.2	40.7	51.4	2.6	2.3	2.4	65.7	46.2	24.8	6.6	1.4	0.6	175.8	218.3	289.8	426.6	0.0	0.0	27.6	0.0	3.7	0.0
11	48.0	30.5	39.2	5.1	3.3	4.0	4.5	2.0	0.5	0.0	0.0	0.0	477.0	534.4	623.0	772.5	0.0	0.0	13.1	1.8	15.7	0.0
12	36.3	22.1	29.2	4.5	4.4	4.4	0.2	0.1	0.0	0.0	0.0	0.0	799.9	861.7	954.6	1109.7	0.0	0.0	2.8	10.7	25.9	0.4
Summary	59.3	38.4	48.8	3.8	3.3	3.4	1950	1646	1228	653	260	159	4148	4574	5251	6500	0.1	12.3	236.9	44.8	130.1	4.3

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	2.96	18.3	7.7	1.6	0.3	1.97	3.03	3.96
02	2.51	14.4	6.3	1.4	0.2	1.76	2.16	3.15
03	2.82	14.3	6.4	1.6	0.4	1.94	2.75	3.61
04	3.44	14.4	8.0	2.1	0.5	2.65	3.43	4.19
05	3.84	14.7	7.9	2.7	0.8	2.73	3.35	5.10
06	3.91	12.4	7.2	2.6	0.9	2.73	3.55	5.13
07	3.52	11.7	6.9	2.4	0.6	2.40	3.38	4.67
08	3.52	11.2	6.4	2.4	0.9	2.82	3.56	3.89
09	3.18	10.6	6.1	2.3	0.7	1.88	2.78	4.58
10	2.99	13.3	6.8	1.8	0.6	2.20	2.79	3.53
11	2.82	13.5	6.8	1.8	0.3	2.12	2.63	3.62
12	2.75	16.9	7.0	1.6	0.2	2.16	2.64	3.15
Summary	38.26	165.7	83.5	24.3	6.4	27.36	36.05	48.58

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	18.30	15.2	5.8	1.5	0.5	0.1	20.9	14.3	9.8	2.5	12.50	15.70	23.30
02	15.30	12.1	4.7	1.6	0.7	0.0	17.0	12.8	8.4	2.8	9.50	13.60	20.60
03	8.30	7.5	2.5	0.6	0.3	0.0	7.2	4.4	2.4	0.7	3.50	7.80	12.20
04	2.60	2.8	0.6	0.2	0.1	0.0	0.5	0.3	0.1	0.0	0.50	1.20	4.10
05	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.10	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.20
11	4.10	4.9	1.4	0.2	0.1	0.0	1.7	0.7	0.3	0.0	1.40	3.00	6.60
12	12.70	11.5	3.9	0.9	0.5	0.0	11.7	5.9	3.7	0.8	7.30	11.30	15.80
Summary	61.4	54.5	18.9	5.0	2.2	0.1	59.0	38.4	24.7	6.8	34.7	52.6	82.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6.5	10.6	75.7	261.6	589.3	839.9	988.8	937.6	700.4	363.9	103.2	16.2
45	1.9	3.4	37.8	155.7	437.2	689.9	833.8	782.7	551.0	234.9	48.6	5.5
50	0.5	0.6	17.0	81.0	296.6	540.1	678.8	627.6	404.7	133.9	18.5	1.6
55	0.0	0.1	6.5	36.9	179.1	392.1	523.8	472.7	268.5	65.7	4.5	0.2
60	0.0	0.0	2.3	14.0	93.3	251.9	369.2	319.5	152.9	24.8	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.1	7.2	52.5	169.7	363.4	542.8	659.8	621.0	435.2	208.4	54.6	7.1
Growing Degree Units (Accumulated Monthly)												
40	6	17	93	354	944	1784	2772	3710	4410	4774	4877	4894
45	2	5	43	199	636	1326	2160	2942	3493	3728	3777	3782
50	0	1	18	99	396	936	1615	2242	2647	2781	2799	2801
55	0	0	7	44	223	615	1138	1611	1880	1945	1950	1950
60	0	0	2	16	110	362	731	1050	1203	1228	1228	1228
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	10	63	232	596	1139	1798	2420	2855	3063	3118	3125

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