

Summary of Monthly Normals
1991-2020
Generated on 04/28/2024

Current Location: Elev: 907 ft. Lat: 47.2992° N Lon: 96.5161° W
Station: ADA, MN US USC00210018

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	16.0	-3.9	6.1	5.9	7.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1517.2	1579.2	1672.3	1827.3	0.0	0.0	0.0	26.9	30.9	17.2
02	20.8	-0.8	10.0	6.8	8.1	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1259.7	1315.7	1399.8	1539.8	0.0	0.0	0.3	21.4	27.5	13.7
03	34.9	14.1	24.5	5.8	6.3	6.0	0.4	0.2	0.1	0.0	0.0	0.0	945.9	1007.7	1100.6	1255.5	0.0	0.0	4.5	11.8	27.9	5.0
04	52.8	29.5	41.2	5.4	3.3	4.2	10.3	5.9	2.3	0.3	0.0	0.0	425.9	481.5	567.9	715.9	0.0	0.0	18.0	1.5	16.9	0.1
05	67.2	41.6	54.4	3.6	3.2	3.2	110.0	82.6	50.5	18.4	4.7	2.1	128.6	163.3	224.1	347.0	0.0	0.5	28.2	0.0	4.0	0.0
06	76.7	53.2	64.9	3.1	2.4	2.6	307.6	254.2	180.3	83.2	27.3	15.9	9.3	15.9	31.9	84.8	0.0	1.5	30.0	0.0	0.0	0.0
07	80.7	56.8	68.7	3.4	2.2	2.6	427.0	366.3	277.7	145.2	51.3	29.0	0.8	2.2	6.5	29.0	0.0	3.0	31.0	0.0	0.0	0.0
08	79.7	54.0	66.9	2.8	2.1	2.3	369.1	309.7	225.1	109.1	37.5	21.3	1.9	4.5	12.9	51.8	0.0	2.5	31.0	0.0	0.0	0.0
09	70.9	45.5	58.2	2.9	3.1	2.7	159.8	124.4	81.5	33.1	9.3	5.0	63.9	88.6	135.6	237.2	0.0	0.7	29.7	0.0	1.5	0.0
10	54.8	32.8	43.8	4.7	3.1	3.5	22.5	15.7	8.9	2.5	0.4	0.2	369.7	424.9	511.1	659.7	0.0	0.1	20.7	0.8	13.6	0.0
11	36.6	18.5	27.6	6.8	5.5	6.0	0.2	0.1	0.0	0.0	0.0	0.0	823.7	883.6	973.5	1123.5	0.0	0.0	4.9	11.6	26.4	1.9
12	22.3	4.5	13.4	6.4	6.8	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1289.4	1351.4	1444.5	1599.5	0.0	0.0	0.0	23.5	31.0	11.2
Summary	51.1	28.8	40.0	4.8	4.4	4.5	1407	1159	826	392	130	74	6836	7318	8081	9471	0.0	8.3	198.3	97.5	179.7	49.1

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	0.78	6.4	2.3	0.1	0.0	0.40	0.74	0.96	
02	0.66	7.1	2.6	0.1	0.0	0.37	0.62	0.83	
03	1.01	6.3	2.5	0.5	0.1	0.55	0.96	1.29	
04	1.45	6.7	3.4	0.9	0.2	0.81	1.47	1.80	
05	2.87	10.7	6.4	1.8	0.5	2.19	2.66	3.69	
06	4.62	12.0	7.7	2.8	1.3	3.38	4.71	5.98	
07	3.90	9.0	6.1	2.6	1.0	2.41	4.02	5.22	
08	2.93	8.1	5.2	1.9	0.6	1.60	2.64	3.80	
09	2.80	8.4	4.9	1.9	0.7	1.35	2.78	3.78	
10	2.23	8.4	5.2	1.4	0.5	0.99	2.21	3.09	
11	0.87	6.1	2.7	0.4	0.0	0.27	0.69	1.20	
12	0.92	7.7	3.0	0.4	0.0	0.42	0.81	1.13	
Summary	25.04	96.9	52.0	14.8	4.9	14.74	24.31	32.77	

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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	0.0	0.7	18.6	140.1	453.7	748.0	890.9	831.9	547.2	189.7	22.6	0.1
45	0.0	0.1	7.1	72.0	317.6	598.3	736.0	676.9	403.3	104.9	6.6	0.0
50	0.0	0.0	2.4	31.0	200.5	450.2	581.2	522.2	271.2	51.4	1.2	0.0
55	0.0	0.0	0.4	10.3	110.0	307.6	427.0	369.1	159.8	22.5	0.2	0.0
60	0.0	0.0	0.1	2.3	50.5	180.3	277.7	225.1	81.5	8.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.4	15.4	103.0	284.2	463.5	577.4	529.7	336.8	121.6	16.8	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	1	19	159	613	1361	2252	3084	3631	3821	3843	3844
45	0	0	7	79	397	995	1731	2408	2811	2916	2923	2923
50	0	0	2	33	234	684	1265	1788	2059	2110	2111	2111
55	0	0	0	11	121	428	855	1224	1384	1407	1407	1407
60	0	0	0	2	53	233	511	736	818	826	826	826
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	16	119	403	866	1444	1974	2310	2432	2449	2449

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

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