

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1215 ft. Lat: 46.5258° N Lon: 93.6675° W

Station: AITKIN 2E, MN US USC00210059

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	18.8	0.1	9.5	5.7	7.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1411.7	1473.8	1566.8	1721.7	0.0	0.0	0.1	27.3	31.0	16.5
02	24.6	3.6	14.1	6.4	7.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	1145.1	1201.2	1285.2	1425.1	0.0	0.0	0.4	20.0	27.7	11.9
03	36.8	15.4	26.1	5.3	6.4	5.7	0.4	0.2	0.0	0.0	0.0	0.0	896.2	958.1	1050.9	1205.9	0.0	0.0	4.8	10.4	28.7	5.2
04	51.5	29.3	40.4	4.8	2.9	3.7	6.0	3.7	1.6	0.1	0.0	0.0	444.1	501.7	589.6	738.2	0.0	0.0	17.8	0.7	20.8	0.1
05	65.3	40.0	52.7	4.1	3.6	3.6	66.1	45.3	24.7	6.8	1.5	0.7	139.0	180.2	252.6	389.7	0.0	0.1	28.8	0.0	5.7	0.0
06	74.7	51.1	62.9	2.7	2.7	2.5	250.9	200.9	134.0	50.8	12.3	5.9	14.0	24.0	47.1	113.9	0.0	0.6	29.9	0.0	0.2	0.0
07	79.1	56.1	67.6	3.3	2.9	2.9	391.1	330.8	243.0	116.7	36.9	19.4	0.6	2.3	7.4	36.2	0.0	1.5	31.0	0.0	0.0	0.0
08	76.9	53.6	65.3	3.1	2.7	2.7	320.6	262.2	180.8	74.8	18.7	9.4	2.9	6.5	18.1	67.2	0.0	0.7	31.0	0.0	0.0	0.0
09	68.6	45.6	57.1	3.0	3.4	3.0	135.8	102.6	61.7	19.4	3.7	1.7	72.9	99.7	148.8	256.5	0.0	0.1	29.6	0.0	2.2	0.0
10	54.7	33.8	44.3	4.2	3.6	3.6	20.5	13.6	6.9	1.3	0.0	0.0	353.8	408.8	495.1	644.5	0.0	0.0	21.6	0.5	14.6	0.0
11	37.7	21.9	29.8	6.9	5.4	6.0	0.9	0.4	0.0	0.0	0.0	0.0	756.8	816.4	906.0	1055.9	0.0	0.0	5.2	11.2	25.7	1.2
12	24.5	9.6	17.1	5.2	6.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1176.3	1238.4	1331.4	1486.3	0.0	0.0	0.2	22.6	30.7	8.7
Summary	51.1	30.0	40.6	4.6	4.6	4.4	1192	960	653	270	73	37	6413	6911	7699	9141	0.0	3.0	200.4	92.7	187.3	43.6

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	1.09	5.3	3.9	0.4	0.0	0.62	0.94	1.38	
02	0.98	5.2	3.2	0.4	0.1	0.47	0.86	1.31	
03	1.69	6.2	4.4	1.0	0.2	0.93	1.40	2.09	
04	2.82	8.1	6.6	1.9	0.4	1.81	2.56	3.88	
05	3.84	9.8	8.1	2.3	1.0	2.27	3.20	4.61	
06	4.44	10.5	9.1	2.8	1.2	3.13	4.16	5.37	
07	4.74	9.8	7.6	3.4	1.5	3.79	4.41	5.72	
08	3.29	9.2	7.1	2.7	0.9	1.81	3.29	4.55	
09	3.10	8.8	6.1	2.1	0.9	1.76	2.67	4.27	
10	2.93	8.7	6.6	1.6	0.7	1.41	2.72	3.99	
11	1.73	6.2	4.6	1.3	0.3	1.00	1.48	2.34	
12	1.25	5.6	4.0	0.2	0.1	0.79	1.10	1.68	
Summary	31.90	93.4	71.3	20.1	7.3	19.79	28.79	41.19	

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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	0.4	17.6	117.9	396.7	686.8	855.4	782.6	513.8	195.2	25.9	0.6
45	0.0	0.0	5.9	53.8	258.5	537.0	700.5	627.7	369.8	106.6	10.1	0.0
50	0.0	0.0	1.5	19.7	145.4	389.7	545.5	473.0	240.3	49.3	3.8	0.0
55	0.0	0.0	0.4	6.0	66.1	250.9	391.1	320.6	135.8	20.5	0.9	0.0
60	0.0	0.0	0.0	1.6	24.7	134.0	243.0	180.8	61.7	6.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	0.5	13.8	88.0	246.6	422.1	550.0	488.7	307.7	117.8	16.8	0.4

Growing Degree Units (Accumulated Monthly)												
40	0	0	18	136	533	1219	2075	2857	3371	3566	3592	3593
45	0	0	6	60	318	855	1556	2183	2553	2660	2670	2670
50	0	0	2	21	167	556	1102	1575	1815	1864	1868	1868
55	0	0	0	6	72	323	714	1035	1171	1191	1192	1192
60	0	0	0	2	26	160	403	584	646	653	653	653
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	14	102	349	771	1321	1810	2118	2235	2252	2253

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