

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1187 ft. Lat: 43.6447° N Lon: 94.4656° W

Station: FAIRMONT, MN US USC00212698

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	23.9	6.6	15.2	5.0	5.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1231.8	1293.8	1386.9	1542.0	0.0	0.0	0.4	23.1	30.8	10.3
02	28.3	10.2	19.2	6.4	7.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1000.7	1056.7	1140.8	1280.9	0.0	0.0	1.0	16.7	26.9	6.0
03	40.9	22.4	31.6	5.9	4.8	5.2	3.6	2.3	1.3	0.3	0.0	0.0	727.5	788.2	880.1	1034.2	0.0	0.0	7.6	8.0	24.7	1.5
04	56.3	34.9	45.6	4.6	4.1	4.2	28.8	19.9	10.4	2.6	0.4	0.1	310.8	361.9	442.4	584.6	0.0	0.0	20.6	0.7	9.1	0.0
05	68.9	49.0	58.9	4.0	2.9	3.2	184.3	145.3	96.4	41.6	13.4	7.5	62.0	85.0	129.0	229.3	0.0	0.7	30.1	0.0	0.6	0.0
06	79.7	60.1	69.9	2.4	2.2	2.2	448.3	390.0	305.1	177.6	79.1	51.7	1.6	3.3	8.4	30.8	0.0	2.4	30.0	0.0	0.0	0.0
07	82.9	63.9	73.4	3.3	2.4	2.8	570.2	508.3	415.8	266.0	134.4	93.2	0.0	0.1	0.5	5.6	0.1	5.0	31.0	0.0	0.0	0.0
08	80.7	61.3	71.0	2.3	2.3	2.2	495.9	434.4	342.9	199.0	84.9	53.7	0.1	0.5	2.0	13.0	0.0	2.0	31.0	0.0	0.0	0.0
09	74.5	52.4	63.4	3.2	3.2	3.0	274.0	225.1	160.2	77.5	26.9	15.1	20.7	31.9	56.9	124.1	0.0	0.9	29.8	0.0	0.1	0.0
10	59.9	39.4	49.6	4.2	2.6	3.3	60.8	43.5	25.0	8.6	1.9	0.8	226.7	271.4	345.8	484.5	0.0	0.1	24.6	0.2	6.7	0.0
11	43.2	25.4	34.3	6.6	5.2	5.8	3.2	1.6	0.4	0.0	0.0	0.0	624.1	682.5	771.4	921.0	0.0	0.0	8.7	6.8	21.8	0.3
12	29.1	13.3	21.2	5.5	5.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	1047.5	1109.5	1202.6	1357.6	0.0	0.0	0.9	18.1	30.2	4.8
Summary	55.7	36.6	46.1	4.5	4.0	4.1	2069	1770	1358	773	341	222	5254	5685	6367	7608	0.1	11.1	215.7	73.6	150.9	22.9

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	0.85	7.4	3.1	0.2	0.0	0.44	0.92	1.28	
02	1.16	6.2	2.7	0.5	0.1	0.75	1.10	1.41	
03	1.93	7.5	4.3	1.4	0.3	1.12	1.80	2.51	
04	3.53	10.2	6.8	2.6	0.9	2.32	3.35	4.69	
05	4.58	11.8	8.1	3.3	1.0	2.42	4.77	6.63	
06	5.02	12.1	7.8	3.2	1.4	3.49	4.51	5.91	
07	3.88	9.5	6.2	2.6	1.3	2.18	3.76	4.90	
08	3.79	9.0	5.6	2.3	1.0	2.04	3.30	5.09	
09	3.44	8.4	5.2	1.7	0.8	1.71	2.87	3.78	
10	2.32	7.9	4.1	1.6	0.5	1.03	2.09	2.96	
11	1.58	6.0	3.6	1.0	0.3	0.75	1.22	1.90	
12	1.38	7.4	3.7	0.6	0.0	0.50	1.14	2.02	
Summary	33.46	103.4	61.2	21.0	7.6	18.75	30.83	43.08	

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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	0.2	3.1	51.9	221.9	588.4	896.6	1035.2	960.8	703.4	328.0	67.4	3.1
45	0.0	0.6	25.2	128.9	437.8	746.8	880.3	805.9	554.4	211.2	30.5	1.0
50	0.0	0.1	10.6	65.8	300.8	596.9	725.3	650.9	408.7	120.6	11.3	0.2
55	0.0	0.0	3.6	28.8	184.3	448.3	570.2	495.9	274.0	60.8	3.2	0.0
60	0.0	0.0	1.3	10.4	96.4	305.1	415.8	342.9	160.2	25.0	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.7	2.1	35.0	135.0	338.6	587.3	705.1	643.3	431.2	185.3	40.8	2.0

Growing Degree Units (Accumulated Monthly)												
40	0	3	55	277	866	1762	2797	3758	4462	4790	4857	4860
45	0	1	26	155	592	1339	2220	3026	3580	3791	3822	3823
50	0	0	11	76	377	974	1700	2350	2759	2880	2891	2891
55	0	0	4	32	217	665	1235	1731	2005	2066	2069	2069
60	0	0	1	12	108	413	829	1172	1332	1357	1358	1358
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	3	38	173	511	1099	1804	2447	2878	3064	3104	3106

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