

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1250 ft. Lat: 46.2919° N Lon: 96.1172° W

Station: FERGUS FALLS, MN US USC00212768

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	18.4	-0.4	9.0	5.8	6.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1425.4	1487.4	1580.5	1735.8	0.0	0.0	0.1	26.5	30.9	16.5
02	22.3	3.2	12.7	6.8	7.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	1182.4	1238.4	1322.5	1462.7	0.0	0.0	0.2	19.8	27.2	11.3
03	35.6	18.1	26.9	6.1	4.9	5.4	0.3	0.1	0.0	0.0	0.0	0.0	872.9	934.8	1027.7	1182.6	0.0	0.0	4.3	11.7	27.1	3.4
04	52.9	31.8	42.3	5.2	4.4	4.6	14.5	9.2	3.6	0.6	0.2	0.1	394.2	448.8	533.3	680.2	0.0	0.1	18.3	0.9	15.8	0.0
05	66.8	45.0	55.9	3.8	3.4	3.4	133.6	102.6	64.0	25.8	8.0	4.1	105.9	136.9	191.3	308.0	0.0	0.5	29.0	0.0	2.0	0.0
06	76.3	56.3	66.3	3.0	2.4	2.5	345.4	290.2	212.9	110.2	42.3	27.1	6.6	11.5	24.2	71.3	0.0	1.8	30.0	0.0	0.1	0.0
07	80.8	60.7	70.8	3.1	2.9	2.9	488.2	426.7	335.8	198.2	91.2	60.1	0.3	0.8	2.8	20.1	0.1	2.9	31.0	0.0	0.0	0.0
08	79.4	57.1	68.2	3.1	2.4	2.6	413.0	353.1	265.8	139.3	53.0	31.7	2.5	4.6	10.3	38.7	0.0	2.3	31.0	0.0	0.0	0.0
09	70.8	48.9	59.8	3.5	3.3	3.0	195.1	154.8	102.8	43.8	13.4	7.0	50.0	69.7	107.7	198.5	0.0	0.6	29.4	0.0	1.3	0.0
10	55.7	35.1	45.4	4.6	3.3	3.7	30.1	20.8	11.3	3.0	0.2	0.0	327.9	380.5	464.0	610.7	0.0	0.0	21.5	0.7	12.6	0.0
11	38.0	21.4	29.7	7.0	5.5	6.1	0.6	0.3	0.0	0.0	0.0	0.0	759.4	819.1	908.9	1058.9	0.0	0.0	4.7	12.1	25.8	0.7
12	24.4	7.9	16.1	5.4	7.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1203.9	1265.9	1359.0	1514.2	0.0	0.0	0.3	22.2	30.8	9.5
Summary	51.8	32.1	41.9	4.8	4.5	4.5	1621	1358	996	521	208	130	6331	6798	7532	8882	0.1	8.2	199.8	93.9	173.6	41.4

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	1.29	4.1	2.8	0.9	0.2	0.71	1.13	1.62
02	0.83	2.9	1.9	0.4	0.0	0.68	0.85	1.05
03	1.15	4.1	2.9	0.9	0.3	0.51	1.00	1.58
04	2.00	4.4	3.8	1.4	0.4	1.40	1.92	2.68
05	3.86	8.1	6.9	2.7	0.6	2.83	3.84	4.90
06	4.35	9.6	7.9	3.1	1.2	2.86	4.61	5.81
07	3.28	8.4	6.4	2.4	0.9	1.68	2.74	4.40
08	2.95	6.1	4.9	2.0	1.0	2.21	2.93	3.91
09	3.04	6.2	4.8	2.1	1.0	1.15	2.57	4.80
10	2.37	5.5	4.5	1.6	0.7	1.10	2.10	3.17
11	1.04	4.5	3.8	1.2	0.2	0.28	0.78	1.53
12	0.71	4.4	2.5	0.1	0.0	0.50	0.72	0.92
Summary	26.87	68.3	53.1	18.8	6.5	15.91	25.19	36.37

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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	0.6	17.4	158.7	496.9	788.7	952.9	875.5	596.1	228.1	32.5	0.5
45	0.0	0.1	5.6	88.3	354.6	638.8	797.9	720.5	450.3	131.8	12.1	0.1
50	0.0	0.0	1.3	41.3	231.3	489.6	643.0	565.8	314.0	66.8	3.0	0.0
55	0.0	0.0	0.3	14.5	133.6	345.4	488.2	413.0	195.1	30.1	0.6	0.0
60	0.0	0.0	0.0	3.6	64.0	212.9	335.8	265.8	102.8	11.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	12.6	100.9	283.4	492.9	629.0	561.9	353.6	129.7	18.3	0.3

Growing Degree Units (Accumulated Monthly)												
40	0	1	18	177	674	1462	2415	3291	3887	4115	4147	4148
45	0	0	6	94	449	1087	1885	2606	3056	3188	3200	3200
50	0	0	1	43	274	764	1406	1972	2286	2353	2356	2356
55	0	0	0	15	148	494	982	1395	1590	1620	1621	1621
60	0	0	0	4	68	280	616	882	985	996	996	996
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	13	114	397	890	1519	2081	2435	2564	2583	2583

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