

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1220 ft. Lat: 48.1969° N Lon: 93.7994° W
Station: **BIG FALLS, MN US USC00210746**
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	14.8	-4.9	4.9	5.8	7.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	1551.4	1613.4	1706.4	1861.4	0.0	0.0	0.0	26.9	30.9	18.4
02	22.2	-1.3	10.5	6.2	8.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1247.3	1303.3	1387.3	1527.3	0.0	0.0	0.7	20.3	27.8	14.5
03	35.8	12.6	24.2	5.0	6.0	5.4	1.1	0.7	0.4	0.0	0.0	0.0	956.0	1017.5	1110.2	1264.9	0.0	0.0	6.1	9.5	29.0	6.9
04	50.4	26.7	38.5	5.0	3.3	4.0	4.9	2.6	0.8	0.1	0.0	0.0	498.5	556.2	644.4	793.7	0.0	0.0	19.0	1.5	22.0	0.3
05	63.8	39.2	51.5	3.9	3.4	3.5	68.3	48.7	27.1	8.0	1.3	0.4	176.9	219.3	290.7	426.6	0.0	0.1	28.6	0.0	7.5	0.0
06	72.0	49.5	60.7	2.6	2.4	2.3	195.7	150.0	92.9	31.2	7.7	4.2	23.2	37.5	70.4	158.8	0.0	0.7	29.9	0.0	0.3	0.0
07	76.5	53.5	65.0	3.4	2.7	2.9	313.3	255.2	175.3	72.3	19.0	9.4	3.3	7.3	20.4	72.4	0.0	1.7	31.0	0.0	0.0	0.0
08	74.6	51.9	63.2	2.9	2.4	2.5	265.0	210.3	138.1	52.7	13.4	6.5	9.3	16.7	37.5	107.1	0.0	0.8	31.0	0.0	0.0	0.0
09	65.4	43.6	54.5	3.7	2.8	2.9	98.1	71.5	40.5	10.7	2.2	1.1	113.2	146.5	205.6	325.8	0.0	0.0	29.3	0.0	3.6	0.0
10	50.4	32.3	41.3	4.5	3.1	3.6	12.4	7.8	3.4	0.4	0.0	0.0	435.6	493.0	581.6	733.6	0.0	0.0	17.6	0.9	17.2	0.0
11	33.4	17.3	25.3	6.8	5.2	5.9	0.1	0.0	0.0	0.0	0.0	0.0	889.6	949.5	1039.5	1189.5	0.0	0.0	4.3	13.9	27.2	3.2
12	19.3	2.4	10.9	5.9	6.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1368.5	1430.5	1523.5	1678.5	0.0	0.0	0.0	24.9	30.9	12.9
Summary	48.2	26.9	37.5	4.6	4.5	4.4	959	747	478	175	44	22	7273	7791	8618	10140	0.0	3.3	197.5	97.9	196.4	56.2

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	0.86							
02	0.68							
03	1.16							
04	1.70							
05	3.09							
06	4.40							
07	4.09							
08	3.36							
09	3.16							
10	2.44							
11	1.33							
12	1.02							
Summary	27.29	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	14.2	97.5	368.8	622.3	774.7	720.4	438.1	143.5	16.1	0.0
45	0.0	0.0	6.0	44.8	239.2	472.9	619.8	565.5	299.3	73.9	5.3	0.0
50	0.0	0.0	2.7	16.9	136.8	327.4	465.0	412.0	183.8	33.8	1.0	0.0
55	0.0	0.0	1.1	4.9	68.3	195.7	313.3	265.0	98.1	12.4	0.1	0.0
60	0.0	0.0	0.4	0.8	27.1	92.9	175.3	138.1	40.5	3.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.8	11.9	79.6	230.7	364.1	478.4	439.6	252.7	77.7	8.9	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	1	15	112	481	1104	1878	2599	3037	3180	3196	3196
45	0	0	6	51	290	763	1383	1948	2248	2321	2327	2327
50	0	0	3	20	156	484	949	1361	1545	1578	1579	1579
55	0	0	1	6	74	270	583	848	946	959	959	959
60	0	0	0	1	28	121	296	435	475	478	478	478
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	13	92	323	687	1166	1605	1858	1936	1944	1944

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.