

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 6679 ft. Lat: 44.6567° N Lon: 111.0903° W
Station: **W YELLOWSTONE GATEWAY, MT US USC00248858**

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	26.8	0.2	13.5	2.3	5.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	1286.4	1348.5	1441.5	1596.5	0.0	0.0	0.0	24.1	31.0	12.9
02	31.2	1.5	16.4	3.4	5.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1082.0	1138.2	1222.2	1362.2	0.0	0.0	0.0	16.2	28.0	12.7
03	39.7	9.1	24.4	3.4	4.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	948.7	1010.7	1103.7	1258.7	0.0	0.0	4.4	6.0	30.5	6.3
04	47.7	20.7	34.2	3.6	2.4	2.7	0.2	0.0	0.0	0.0	0.0	0.0	624.2	684.0	774.0	924.0	0.0	0.0	13.5	1.5	28.5	1.0
05	59.2	28.5	43.9	4.4	2.5	3.1	4.1	1.5	0.1	0.0	0.0	0.0	349.9	409.3	500.8	655.7	0.0	0.0	23.6	0.1	24.3	0.0
06	68.4	33.9	51.2	3.5	1.5	2.3	33.3	18.6	6.2	0.3	0.0	0.0	148.6	194.0	271.7	415.7	0.0	0.2	28.8	0.0	10.9	0.0
07	79.7	39.2	59.4	4.2	3.3	3.2	159.8	112.5	56.3	11.5	1.3	0.4	22.6	36.8	73.4	183.6	0.0	0.9	31.0	0.0	4.8	0.0
08	77.9	36.2	57.0	3.5	2.2	2.2	107.1	69.8	31.4	4.2	0.3	0.1	43.7	68.3	122.9	250.7	0.0	0.4	31.0	0.0	8.4	0.0
09	67.6	29.6	48.6	3.2	2.9	2.3	16.3	8.3	2.7	0.3	0.0	0.0	208.4	260.4	344.8	492.3	0.0	0.0	27.8	0.0	20.3	0.0
10	50.8	21.4	36.1	4.1	4.1	3.4	0.4	0.1	0.0	0.0	0.0	0.0	586.2	647.9	740.8	895.8	0.0	0.0	16.1	1.4	27.6	1.2
11	35.9	11.4	23.6	3.4	4.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	940.5	1000.5	1090.5	1240.5	0.0	0.0	3.3	10.4	29.2	6.6
12	25.8	2.7	14.2	2.3	3.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1262.8	1325.1	1418.2	1573.2	0.0	0.0	0.0	25.8	30.9	14.8
Summary	50.9	19.5	35.2	3.4	3.5	3.0	321	211	97	16	2	0	7504	8124	9104	10849	0.0	1.5	179.5	85.5	274.4	55.5

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	2.28							
02	2.06							
03	2.17							
04	2.31							
05	2.70							
06	2.49							
07	1.30							
08	1.39							
09	1.69							
10	1.92							
11	2.61							
12	3.05							
Summary	25.97	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	0.0	0.7	26.8	162.1	339.5	602.7	528.8	272.1	55.3	0.8	0.0
45	0.0	0.0	0.0	6.5	72.4	204.2	448.4	376.2	149.3	19.0	0.1	0.0
50	0.0	0.0	0.0	1.3	23.0	99.0	296.8	231.8	60.9	3.6	0.0	0.0
55	0.0	0.0	0.0	0.2	4.1	33.3	159.8	107.1	16.3	0.4	0.0	0.0
60	0.0	0.0	0.0	0.0	0.1	6.2	56.3	31.4	2.7	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.1	5.4	41.7	160.9	278.6	457.4	429.5	271.6	79.4	6.3	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	1	28	190	529	1132	1661	1933	1988	1989	1989
45	0	0	0	6	79	283	732	1108	1257	1276	1276	1276
50	0	0	0	1	24	123	420	652	713	716	716	716
55	0	0	0	0	4	38	197	304	321	321	321	321
60	0	0	0	0	0	6	63	94	97	97	97	97
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	6	47	208	487	944	1374	1645	1725	1731	1731

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.