

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2770 ft. Lat: 48.1347° N Lon: 110.0592° W
Station: **BIG SANDY, MT US USC00240770**
Generated on 04/29/2024

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	30.8	9.8	20.3	6.4	6.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1075.5	1137.5	1230.5	1385.6	0.0	0.0	3.4	12.6	29.4	9.3
02	35.2	13.4	24.3	9.9	9.2	9.4	0.1	0.1	0.0	0.0	0.0	0.0	859.6	915.6	999.5	1139.5	0.0	0.0	4.6	9.7	26.4	6.1
03	46.0	22.0	34.0	7.8	5.7	6.7	2.1	1.1	0.4	0.0	0.0	0.0	653.1	714.1	806.4	961.1	0.0	0.0	15.0	5.0	26.8	2.9
04	58.4	32.6	45.5	3.8	2.8	3.1	16.5	9.3	3.7	0.5	0.0	0.0	301.7	354.4	438.8	585.5	0.0	0.0	23.8	1.0	17.0	0.1
05	67.9	41.2	54.6	3.9	2.0	2.6	93.4	67.5	38.6	10.9	2.0	0.8	107.4	143.5	207.6	334.8	0.0	0.4	29.9	0.0	6.2	0.0
06	75.9	48.9	62.4	3.0	2.5	2.4	235.2	184.8	120.0	48.6	15.5	8.6	13.2	22.8	48.0	126.6	0.0	2.1	30.0	0.0	0.9	0.0
07	85.9	54.6	70.3	5.0	2.7	3.7	473.2	412.4	323.5	191.5	92.3	64.1	0.7	1.9	6.0	28.9	1.4	11.9	31.0	0.0	0.0	0.0
08	84.8	53.4	69.1	3.7	2.4	2.9	440.3	380.9	295.2	169.2	75.9	49.8	3.4	6.0	13.3	42.2	0.7	11.0	31.0	0.0	0.3	0.0
09	73.7	44.2	59.0	3.9	2.3	2.9	169.1	130.3	84.0	33.6	10.2	5.9	50.7	71.9	115.6	215.2	0.0	2.7	29.5	0.0	2.3	0.0
10	58.7	32.5	45.6	4.4	3.3	3.6	29.4	19.5	9.5	1.8	0.3	0.2	320.8	372.9	455.9	603.2	0.0	0.0	24.9	1.0	16.3	0.2
11	43.6	21.5	32.6	5.9	4.9	5.3	1.9	1.0	0.5	0.1	0.0	0.0	675.3	734.5	823.9	973.6	0.0	0.0	11.6	5.9	25.3	2.8
12	33.5	13.0	23.3	6.8	6.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0	984.0	1046.1	1139.1	1294.1	0.0	0.0	4.3	11.6	29.1	7.3
Summary	57.9	32.3	45.1	5.4	4.3	4.6	1461	1207	875	456	196	129	5045	5521	6285	7690	2.1	28.1	239.0	46.8	180.0	28.7

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	0.45	2.8	1.8	0.1	0.0	0.20	0.40	0.64	
02	0.39	2.4	1.6	0.1	0.0	0.16	0.24	0.47	
03	0.47	2.7	1.9	0.1	0.0	0.21	0.38	0.67	
04	1.27	4.6	3.4	0.7	0.2	0.70	1.10	1.56	
05	2.07	7.0	5.3	1.3	0.2	1.19	1.81	2.98	
06	3.12	8.6	6.9	1.9	0.7	2.12	2.79	3.62	
07	1.40	5.4	3.8	0.7	0.2	0.45	1.21	1.92	
08	0.99	3.9	2.5	0.7	0.0	0.40	0.74	1.31	
09	1.16	4.1	2.9	0.8	0.0	0.66	1.02	1.48	
10	0.93	4.0	2.9	0.5	0.0	0.35	0.89	1.27	
11	0.60	2.7	2.1	0.3	0.0	0.21	0.50	0.90	
12	0.43	2.0	1.5	0.1	0.0	0.12	0.35	0.59	
Summary	13.28	50.2	36.6	7.3	1.3	6.77	11.43	17.41	

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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	6.9	16.1	69.3	211.4	455.1	672.0	937.3	901.8	569.8	237.3	54.2	12.2
45	1.5	4.9	26.8	112.9	310.8	522.1	782.5	747.3	424.3	138.3	22.8	2.7
50	0.1	1.1	8.0	49.7	185.0	374.7	627.7	593.0	287.7	69.9	7.4	0.3
55	0.0	0.1	2.1	16.5	93.4	235.2	473.2	440.3	169.1	29.4	1.9	0.0
60	0.0	0.0	0.4	3.7	38.6	120.0	323.5	295.2	84.0	9.5	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.4	14.4	63.1	150.7	285.5	416.8	595.2	572.5	362.7	168.4	40.2	7.8

Growing Degree Units (Accumulated Monthly)												
40	7	23	92	304	759	1431	2368	3270	3840	4077	4131	4143
45	2	6	33	146	457	979	1762	2509	2933	3071	3094	3097
50	0	1	9	59	244	619	1246	1839	2127	2197	2204	2205
55	0	0	2	19	112	347	820	1261	1430	1459	1461	1461
60	0	0	0	4	43	163	486	781	865	875	875	875
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	19	82	233	518	935	1530	2103	2465	2634	2674	2682

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

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