

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3032 ft. Lat: 45.4442° N Lon: 105.4072° W
Station: **BROADUS, MT US USC00241127**
Generated on 06/04/2024

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	36.8	11.4	24.1	5.3	6.4	5.7	0.0	0.0	0.0	0.0	0.0	0.0	957.8	1019.9	1112.8	1267.8	0.0	0.0	3.6	9.8	29.9	6.8
02	40.3	14.4	27.4	7.9	7.7	7.6	0.1	0.0	0.0	0.0	0.0	0.0	774.1	830.1	913.9	1053.9	0.0	0.0	6.5	7.7	26.9	4.8
03	51.5	23.7	37.6	6.9	4.7	5.7	3.9	2.0	0.5	0.0	0.0	0.0	543.5	603.5	695.1	849.6	0.0	0.0	16.8	3.4	25.6	1.5
04	60.7	32.6	46.7	3.9	2.6	3.0	24.5	15.4	6.5	0.9	0.1	0.0	274.9	325.9	407.0	551.4	0.0	0.0	23.8	0.9	14.6	0.1
05	70.5	42.3	56.4	4.1	2.2	2.7	130.7	98.9	60.0	20.4	4.5	2.3	87.3	117.5	171.7	287.0	0.0	0.8	29.6	0.0	4.3	0.0
06	81.2	52.1	66.7	4.0	2.5	3.0	355.7	300.2	222.1	113.7	44.0	27.4	6.3	10.7	22.7	64.3	0.6	4.8	30.0	0.0	0.1	0.0
07	90.8	58.8	74.8	4.7	2.6	3.5	613.4	551.7	459.4	310.5	177.1	132.0	0.0	0.2	0.9	6.9	3.4	17.4	31.0	0.0	0.0	0.0
08	89.6	56.1	72.8	3.2	2.2	2.4	554.3	493.5	403.5	261.1	137.6	97.3	1.2	2.3	5.3	17.9	1.4	16.7	31.0	0.0	0.1	0.0
09	79.0	45.8	62.4	3.3	2.9	2.8	253.3	207.2	145.7	67.5	22.3	12.3	31.4	45.2	73.8	145.7	0.1	5.3	29.4	0.0	1.5	0.0
10	63.2	34.2	48.7	4.7	2.9	3.6	43.7	29.9	16.1	4.7	0.8	0.3	238.9	287.1	366.4	510.0	0.0	0.3	26.5	0.7	12.8	0.1
11	48.2	22.1	35.1	5.7	3.8	4.6	1.1	0.4	0.1	0.0	0.0	0.0	596.5	655.8	745.5	895.4	0.0	0.0	14.1	4.0	25.9	1.3
12	37.7	13.5	25.6	6.2	4.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	911.1	973.2	1066.0	1221.0	0.0	0.0	4.2	9.0	30.4	4.8
Summary	62.5	33.9	48.2	5.0	3.8	4.2	1981	1699	1314	779	386	272	4423	4871	5581	6871	5.5	45.3	246.5	35.5	172.1	19.4

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	0.43	4.7	1.5	0.0	0.0	0.24	0.40	0.50	
02	0.52	4.7	2.1	0.1	0.0	0.26	0.43	0.61	
03	0.78	4.7	2.5	0.3	0.1	0.33	0.58	1.20	
04	1.77	7.4	4.6	1.1	0.2	1.21	1.68	2.07	
05	2.75	9.7	6.2	1.6	0.6	1.35	2.05	3.89	
06	2.37	8.9	5.4	1.5	0.3	1.44	2.00	3.03	
07	1.72	6.8	4.3	1.0	0.3	0.81	1.36	2.08	
08	1.28	6.0	3.2	0.7	0.2	0.44	1.03	1.79	
09	1.23	5.3	3.1	0.6	0.2	0.59	0.84	1.76	
10	1.12	5.9	3.0	0.6	0.2	0.62	0.84	1.30	
11	0.47	4.1	1.7	0.0	0.0	0.22	0.42	0.71	
12	0.48	3.6	1.4	0.1	0.0	0.13	0.33	0.75	
Summary	14.92	71.8	39.0	7.6	2.1	7.64	11.96	19.69	

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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	6.5	17.1	101.4	238.4	511.3	799.4	1078.2	1018.0	672.4	308.0	66.4	6.5
45	0.8	4.8	45.2	134.1	364.8	649.5	923.1	862.9	525.3	190.3	26.3	0.9
50	0.0	0.8	15.8	63.9	234.5	500.6	768.3	708.3	383.0	100.1	7.4	0.1
55	0.0	0.1	3.9	24.5	130.7	355.7	613.4	554.3	253.3	43.7	1.1	0.0
60	0.0	0.0	0.5	6.5	60.0	222.1	459.4	403.5	145.7	16.1	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	9.0	24.5	100.5	183.7	326.5	499.5	673.6	636.2	435.6	226.1	68.0	9.9

Growing Degree Units (Accumulated Monthly)												
40	6	24	125	363	875	1674	2752	3770	4443	4751	4817	4824
45	1	6	51	185	550	1199	2122	2985	3510	3701	3727	3728
50	0	1	17	80	315	816	1584	2292	2675	2775	2783	2783
55	0	0	4	28	159	515	1128	1683	1936	1980	1981	1981
60	0	0	0	7	67	289	748	1152	1298	1314	1314	1314
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	34	134	318	644	1144	1817	2454	2889	3115	3183	3193

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