

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 2696 ft. Lat: 46.9878° N Lon: 104.1567° W
Station: WIBAUX 2 E, MT US USC00248957

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	26.6	5.0	15.8	5.7	5.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1215.0	1277.0	1370.1	1525.1	0.0	0.0	1.0	17.9	30.6	11.8
02	30.4	8.4	19.4	8.7	8.9	8.7	0.0	0.0	0.0	0.0	0.0	0.0	996.6	1052.6	1136.6	1276.6	0.0	0.0	2.6	13.9	27.5	8.0
03	42.7	17.9	30.3	7.6	5.5	6.4	0.3	0.1	0.0	0.0	0.0	0.0	766.1	827.9	920.8	1075.8	0.0	0.0	11.7	7.6	28.2	2.8
04	54.9	27.6	41.2	4.2	3.1	3.4	6.6	3.6	1.2	0.0	0.0	0.0	419.1	476.1	563.7	712.5	0.0	0.0	20.9	1.5	20.5	0.3
05	65.4	38.2	51.8	3.4	2.6	2.6	62.7	42.6	21.2	4.6	0.3	0.0	162.0	203.9	275.4	413.9	0.0	0.1	28.7	0.0	7.3	0.0
06	75.3	47.5	61.4	3.2	2.6	2.6	211.6	163.9	104.0	39.2	10.2	5.4	19.6	32.0	62.1	147.2	0.0	1.7	29.9	0.0	0.4	0.0
07	84.2	53.1	68.6	4.8	2.5	3.4	424.0	363.6	276.2	149.7	62.0	38.5	1.0	2.7	8.2	36.8	0.8	8.8	31.0	0.0	0.0	0.0
08	84.1	50.7	67.4	3.4	2.1	2.5	389.3	331.0	247.9	129.4	50.0	30.2	5.1	8.8	18.7	55.2	0.6	9.0	31.0	0.0	0.1	0.0
09	72.7	42.0	57.4	3.9	2.7	2.9	146.8	112.9	73.0	28.6	7.0	3.5	76.5	102.7	152.7	258.3	0.1	2.6	29.2	0.0	3.2	0.0
10	55.8	29.7	42.7	4.8	3.3	3.9	16.7	10.7	4.7	1.0	0.1	0.0	396.4	452.4	539.4	690.7	0.0	0.2	21.6	1.5	18.1	0.3
11	40.8	17.6	29.2	6.7	4.7	5.5	0.2	0.1	0.0	0.0	0.0	0.0	774.2	834.0	923.9	1073.9	0.0	0.0	8.9	8.2	27.8	2.5
12	29.5	8.5	19.0	7.0	6.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1115.7	1177.7	1270.8	1425.8	0.0	0.0	1.9	15.9	30.8	7.9
Summary	55.2	28.8	42.0	5.3	4.1	4.5	1258	1028	728	352	130	78	5947	6448	7242	8692	1.5	22.4	218.4	66.5	194.5	33.6

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	0.26	3.9	0.6	0.0	0.0	0.17	0.21	0.25	
02	0.38	4.9	0.8	0.0	0.0	0.13	0.23	0.58	
03	0.55	5.0	1.8	0.1	0.0	0.28	0.46	0.60	
04	1.50	7.2	4.4	0.8	0.1	0.82	1.38	1.87	
05	2.72	9.1	6.2	1.6	0.5	1.29	2.06	3.69	
06	2.80	10.1	6.8	1.7	0.4	2.04	2.67	3.38	
07	2.29	7.2	4.9	1.3	0.6	1.30	1.97	2.84	
08	1.77	5.2	3.7	1.0	0.3	1.03	1.46	2.21	
09	1.78	5.5	3.9	1.1	0.5	0.64	1.25	2.73	
10	1.22	5.9	3.5	0.6	0.2	0.60	0.93	1.67	
11	0.47	4.3	1.4	0.1	0.0	0.16	0.36	0.61	
12	0.32	4.5	0.8	0.0	0.0	0.21	0.29	0.33	
Summary	16.06	72.8	38.8	8.3	2.6	8.67	13.27	20.76	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	6.40	3.3	2.9	0.6	0.1	0.0					3.00	6.00	8.00
02	7.90	4.1	3.4	0.7	0.3	0.0					5.00	6.50	12.30
03	4.00	2.5	2.3	0.4	0.1	0.0					1.80	4.00	6.20
04	4.70	1.7	1.6	0.6	0.3	0.0					0.00	4.00	8.80
05	1.30	0.6	0.5	0.2	0.1	0.0					0.00	0.00	1.50
06	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.10	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	2.30	0.9	0.8	0.4	0.2	0.1					0.00	0.30	2.30
11	4.40	2.9	2.7	0.7	0.2	0.0					0.90	3.30	5.10
12	6.90	3.8	3.4	0.5	0.1	0.0					4.60	6.50	8.50
Summary	38.0	19.8	17.6	4.1	1.4	0.1	0.0	0.0	0.0	0.0	15.3	30.6	52.7

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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	1.6	5.6	38.3	132.6	376.5	642.0	887.9	849.2	523.5	178.8	29.2	1.8
45	0.2	1.3	12.7	61.7	243.3	492.6	733.0	694.4	381.8	96.9	9.6	0.2
50	0.0	0.2	3.0	23.4	136.2	346.5	578.0	540.4	252.8	44.7	2.2	0.0
55	0.0	0.0	0.3	6.6	62.7	211.6	424.0	389.3	146.8	16.7	0.2	0.0
60	0.0	0.0	0.0	1.2	21.2	104.0	276.2	247.9	73.0	4.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.3	6.7	47.5	119.9	249.8	397.6	561.6	538.4	343.0	139.2	32.5	2.8

Growing Degree Units (Accumulated Monthly)												
40	2	7	46	178	555	1197	2084	2934	3457	3636	3665	3667
45	0	2	14	76	319	812	1545	2239	2621	2718	2728	2728
50	0	0	3	27	163	509	1087	1628	1880	1925	1927	1927
55	0	0	0	7	70	281	705	1094	1241	1258	1258	1258
60	0	0	0	1	22	126	403	650	724	728	728	728
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	8	56	175	425	823	1384	1923	2266	2405	2438	2440

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