

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2390 ft. Lat: 48.8356° N Lon: 105.4747° W
Station: **SCOBEY 4 NW, MT US USC00247425**

Generated on 04/28/2024

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	22.8	-0.7	11.1	6.3	6.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1362.3	1424.4	1517.3	1672.3	0.0	0.0	0.5	21.1	30.9	15.2
02	27.2	3.4	15.3	9.1	9.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1111.5	1167.6	1251.5	1391.4	0.0	0.0	1.4	16.6	27.8	11.7
03	39.8	15.4	27.6	8.0	6.4	7.0	0.1	0.0	0.0	0.0	0.0	0.0	849.5	911.4	1004.4	1159.4	0.0	0.0	8.9	9.4	29.3	4.6
04	56.3	27.0	41.6	4.7	3.0	3.6	7.9	4.0	1.2	0.1	0.0	0.0	408.5	464.5	551.8	700.7	0.0	0.0	20.9	1.4	21.5	0.2
05	67.9	37.5	52.7	3.6	2.9	2.9	71.4	49.1	26.5	7.2	0.8	0.1	142.7	182.5	252.9	388.5	0.0	0.2	29.3	0.1	9.2	0.0
06	76.0	47.1	61.5	3.0	2.3	2.3	212.4	164.2	103.0	38.8	9.4	4.6	16.0	27.8	56.6	142.4	0.0	1.7	29.9	0.0	0.6	0.0
07	83.6	51.3	67.4	4.8	2.5	3.3	387.0	327.0	240.8	123.0	48.3	29.8	1.1	3.1	10.0	47.2	0.8	7.5	31.0	0.0	0.0	0.0
08	84.2	49.0	66.6	4.0	2.1	2.7	365.4	308.2	227.7	116.3	45.5	28.0	6.0	10.7	23.2	67.0	0.7	8.5	31.0	0.0	0.3	0.0
09	72.6	39.0	55.8	4.1	2.8	2.8	117.6	87.7	53.2	19.0	5.3	2.6	93.7	123.7	179.2	295.1	0.0	2.2	29.0	0.0	6.4	0.0
10	56.3	27.5	41.9	5.0	3.1	3.6	12.3	7.1	3.3	0.7	0.0	0.0	418.4	475.2	564.4	716.8	0.0	0.1	21.5	1.7	21.7	0.3
11	38.5	14.4	26.5	6.9	5.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	856.5	916.5	1006.4	1156.4	0.0	0.0	6.3	9.7	28.3	4.3
12	26.2	3.5	14.9	7.2	6.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1244.5	1306.6	1399.5	1554.4	0.0	0.0	0.5	18.9	30.9	11.6
Summary	54.3	26.2	40.2	5.6	4.4	4.7	1174	947	656	305	109	65	6511	7014	7817	9292	1.5	20.2	210.2	78.9	206.9	47.9

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	0.33	2.9	1.1	0.0	0.0	0.09	0.23	0.46	
02	0.23	2.3	0.9	0.0	0.0	0.02	0.19	0.30	
03	0.40	3.2	1.5	0.1	0.0	0.13	0.25	0.45	
04	0.97	5.3	3.3	0.3	0.1	0.51	0.89	1.30	
05	2.10	7.7	4.9	1.2	0.2	0.76	1.35	3.14	
06	3.10	10.0	7.0	2.0	0.6	2.29	3.12	4.03	
07	2.11	7.2	5.0	1.3	0.4	0.97	1.54	2.80	
08	1.69	5.7	3.9	0.9	0.1	0.80	1.44	2.15	
09	1.15	4.5	2.6	0.7	0.1	0.33	0.79	1.54	
10	0.81	3.8	2.4	0.4	0.0	0.25	0.59	1.18	
11	0.36	3.3	1.4	0.0	0.0	0.18	0.27	0.46	
12	0.28	3.0	1.2	0.0	0.0	0.10	0.20	0.50	
Summary	13.53	58.9	35.2	6.9	1.5	6.43	10.86	18.31	

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

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1991-2020
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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	5.80	2.5	2.2	0.5	0.1	0.0					2.30	3.90	7.50
02	3.40	1.8	1.6	0.4	0.1	0.0					0.00	3.00	4.00
03	2.80	1.4	1.1	0.3	0.2	0.0					0.00	1.50	5.60
04	0.80	0.3	0.2	0.1	0.0	0.0					0.00	0.00	0.00
05	0.90	0.2	0.2	0.1	0.1	0.0					0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	1.20	0.4	0.3	0.1	0.0	0.0					0.00	0.00	1.50
11	3.50	1.7	1.6	0.5	0.2	0.0					0.50	3.00	5.50
12	4.50	2.2	2.0	0.6	0.3	0.0					1.00	3.00	6.00
Summary	22.9	10.5	9.2	2.6	1.0	0.0	0.0	0.0	0.0	0.0	3.8	14.4	30.1

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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	0.6	2.4	25.2	140.8	401.7	646.4	850.9	824.4	478.3	160.9	20.1	0.7
45	0.0	0.5	7.6	69.3	265.1	496.7	695.8	669.5	338.6	82.7	6.3	0.0
50	0.0	0.0	1.8	27.8	151.9	349.4	540.8	515.5	215.0	35.6	1.2	0.0
55	0.0	0.0	0.1	7.9	71.4	212.4	387.0	365.4	117.6	12.3	0.0	0.0
60	0.0	0.0	0.0	1.2	26.5	103.0	240.8	227.7	53.2	3.3	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.8	3.1	34.0	135.1	284.6	407.9	537.8	527.5	337.4	144.8	25.6	0.8

Growing Degree Units (Accumulated Monthly)												
40	1	3	28	169	571	1217	2068	2892	3371	3532	3552	3552
45	0	0	8	77	342	839	1535	2204	2543	2626	2632	2632
50	0	0	2	30	182	531	1072	1587	1802	1838	1839	1839
55	0	0	0	8	79	292	679	1044	1162	1174	1174	1174
60	0	0	0	1	28	131	372	599	652	656	656	656
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	4	38	173	458	866	1403	1931	2268	2413	2439	2439

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

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