

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 2285 ft. Lat: 48.2138° N Lon: 106.6213° W
Station: GLASGOW INTL AP, MT US USW00094008

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	23.5	5.8	14.6	7.1	6.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1250.7	1312.7	1405.7	1560.7	0.0	0.0	0.8	20.3	30.7	11.9
02	28.0	9.4	18.7	9.3	9.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	1016.3	1072.3	1156.3	1296.3	0.0	0.0	1.5	16.0	27.8	8.4
03	41.8	21.4	31.6	8.1	6.1	7.0	0.9	0.3	0.0	0.0	0.0	0.0	726.4	787.7	880.5	1035.5	0.0	0.0	10.8	8.2	27.7	2.8
04	56.8	32.8	44.8	3.7	3.0	3.2	14.6	8.6	3.6	0.5	0.0	0.0	320.7	374.7	459.7	606.6	0.0	0.0	21.7	1.1	16.2	0.1
05	67.7	43.3	55.5	3.8	2.4	2.9	112.6	82.6	49.0	15.7	3.3	1.3	97.2	129.1	188.5	310.2	0.0	0.5	29.2	0.0	3.7	0.0
06	76.3	52.7	64.5	3.0	2.1	2.3	292.5	238.9	166.1	73.4	23.2	12.9	7.5	14.0	31.1	88.4	0.1	2.2	30.0	0.0	0.0	0.0
07	85.5	58.5	72.0	4.5	2.6	3.4	527.2	465.6	374.2	230.5	115.1	80.6	0.3	0.7	2.3	13.6	1.2	10.4	31.0	0.0	0.0	0.0
08	84.8	57.2	71.0	3.7	2.3	2.8	498.2	437.9	349.9	216.1	108.4	75.9	2.4	4.1	9.1	30.3	1.0	10.3	31.0	0.0	0.0	0.0
09	72.9	46.9	59.9	3.9	2.5	3.0	197.9	156.8	105.4	47.3	15.1	8.6	51.0	69.8	108.4	200.3	0.0	2.5	29.1	0.0	1.4	0.0
10	56.5	33.8	45.2	4.2	3.1	3.5	26.8	17.9	9.5	2.5	0.3	0.1	332.1	385.2	469.9	617.8	0.0	0.0	22.4	1.4	14.8	0.2
11	40.0	20.5	30.2	6.4	5.2	5.6	0.5	0.2	0.1	0.0	0.0	0.0	743.0	802.7	892.5	1042.5	0.0	0.0	7.5	8.5	27.4	2.5
12	27.2	9.7	18.5	7.3	6.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1132.9	1194.9	1287.9	1442.9	0.0	0.0	0.8	18.2	30.9	8.3
Summary	55.1	32.7	43.9	5.4	4.4	4.7	1671	1409	1058	586	265	179	5680	6148	6892	8245	2.3	25.9	215.8	73.7	180.6	34.2

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	0.44	7.8	1.5	0.0	0.0	0.23	0.31	0.50
02	0.35	6.4	0.9	0.0	0.0	0.12	0.27	0.45
03	0.47	6.8	1.5	0.0	0.0	0.24	0.45	0.62
04	1.01	7.8	3.3	0.3	0.1	0.58	0.99	1.34
05	2.22	10.6	5.2	1.1	0.4	0.91	1.44	3.20
06	2.83	12.7	6.4	1.6	0.6	2.07	2.74	3.62
07	1.95	9.2	4.5	1.3	0.4	0.93	1.78	2.35
08	1.27	7.6	3.2	0.5	0.2	0.48	0.85	1.21
09	1.06	6.7	2.6	0.5	0.1	0.56	0.86	1.24
10	0.92	6.7	2.3	0.5	0.0	0.43	0.73	1.20
11	0.49	6.2	1.6	0.0	0.0	0.28	0.42	0.72
12	0.43	6.6	1.4	0.0	0.0	0.15	0.37	0.60
Summary	13.44	95.1	34.4	5.8	1.8	6.98	11.21	17.05

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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	9.80	8.5	2.8	1.0	0.4	0.0	23.5	17.5	11.5	2.5	3.90	5.90	12.70
02	6.20	6.7	1.9	0.3	0.1	0.0	18.0	11.3	7.2	2.6	2.60	5.10	7.50
03	5.60	5.1	1.9	0.4	0.1	0.0	11.6	6.9	3.9	0.9	1.70	4.80	8.40
04	2.50	2.2	0.8	0.2	0.1	0.0	1.2	0.5	0.3	0.1	0.10	1.30	3.60
05	0.90	0.6	0.4	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.50
06	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.50	1.5	0.4	0.1	0.1	0.0	0.9	0.3	0.3	0.0	0.00	0.40	1.20
11	5.90	4.6	1.7	0.5	0.3	0.0	7.5	4.0	2.3	0.3	1.00	3.60	8.90
12	8.30	7.1	2.5	0.7	0.3	0.0	17.1	11.2	4.6	0.7	2.10	6.70	12.90
Summary	40.7	36.3	12.4	3.3	1.4	0.0	80.1	51.7	30.1	7.1	11.4	27.8	55.7

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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	1.7	4.8	51.9	198.0	484.3	735.0	991.7	960.7	598.3	224.0	36.0	1.9
45	0.3	1.4	18.9	105.0	340.1	585.0	836.8	805.8	453.3	128.7	13.4	0.3
50	0.0	0.2	5.2	45.2	211.5	436.0	681.9	651.2	317.2	63.5	3.6	0.0
55	0.0	0.0	0.9	14.6	112.6	292.5	527.2	498.2	197.9	26.8	0.5	0.0
60	0.0	0.0	0.0	3.6	49.0	166.1	374.2	349.9	105.4	9.5	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.0	4.7	43.5	136.9	289.1	444.3	634.8	609.4	360.3	143.5	27.9	1.4

Growing Degree Units (Accumulated Monthly)												
40	2	6	58	256	741	1476	2467	3428	4026	4250	4286	4288
45	0	2	21	126	466	1051	1888	2693	3147	3275	3289	3289
50	0	0	5	51	262	698	1380	2031	2348	2412	2416	2416
55	0	0	1	16	128	421	948	1446	1644	1671	1671	1671
60	0	0	0	4	53	219	593	943	1048	1058	1058	1058
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	49	186	475	920	1554	2164	2524	2668	2695	2697

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