

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 4145 ft. Lat: 47.0492° N Lon: 109.4578° W
Station: LEWISTOWN MUNI AP, MT US USW00024036

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	34.4	12.9	23.7	5.0	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	971.9	1033.9	1126.9	1281.9	0.0	0.0	2.5	10.9	29.0	6.5
02	35.3	13.9	24.6	8.1	7.9	7.9	0.1	0.1	0.0	0.0	0.0	0.0	851.2	907.0	991.1	1131.1	0.0	0.0	3.9	10.3	26.1	5.2
03	44.3	21.4	32.9	6.2	4.7	5.4	0.5	0.1	0.0	0.0	0.0	0.0	687.2	748.8	841.7	996.7	0.0	0.0	11.1	5.2	26.7	2.1
04	53.0	28.8	40.9	3.6	3.1	3.2	4.9	2.5	0.6	0.0	0.0	0.0	427.8	485.4	573.6	723.0	0.0	0.0	18.1	1.5	20.5	0.2
05	62.6	37.4	50.0	3.8	1.9	2.6	41.0	26.3	10.9	1.1	0.0	0.0	196.0	243.3	320.9	466.1	0.0	0.0	26.7	0.0	7.8	0.0
06	71.0	45.1	58.0	3.1	1.7	2.2	135.9	98.9	55.9	17.0	3.1	1.0	44.4	67.3	114.4	225.5	0.0	0.5	29.3	0.0	0.3	0.0
07	81.6	50.7	66.1	4.7	2.7	3.6	349.8	291.8	210.8	100.7	31.9	16.5	4.3	8.4	20.3	65.2	0.1	5.7	31.0	0.0	0.0	0.0
08	81.1	49.6	65.4	3.4	2.0	2.6	331.4	275.5	197.5	91.4	25.5	12.4	10.7	16.8	31.8	80.7	0.1	5.0	30.8	0.0	0.0	0.0
09	70.4	41.5	55.9	4.0	2.0	2.8	121.3	91.4	55.3	17.5	3.0	1.0	92.9	123.0	176.8	289.1	0.0	1.3	28.5	0.1	2.7	0.0
10	56.0	30.8	43.4	4.6	3.1	3.8	18.8	12.0	5.5	0.9	0.0	0.0	378.4	433.5	520.0	670.5	0.0	0.0	21.6	1.7	16.8	0.4
11	43.4	20.9	32.1	5.6	4.5	4.9	1.4	0.7	0.3	0.0	0.0	0.0	686.9	746.2	835.8	985.5	0.0	0.0	10.3	6.0	25.2	2.2
12	35.0	13.6	24.3	5.6	5.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	951.5	1013.4	1106.5	1261.5	0.0	0.0	2.9	10.9	29.3	4.9
Summary	55.7	30.6	43.1	4.8	3.6	4.1	1005	799	537	229	64	31	5303	5827	6660	8177	0.2	12.5	216.7	46.6	184.4	21.5

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	0.58	7.7	2.0	0.0	0.0	0.38	0.60	0.75	
02	0.49	8.2	1.7	0.0	0.0	0.20	0.45	0.68	
03	0.87	9.1	2.8	0.2	0.0	0.44	0.82	1.22	
04	1.71	11.7	5.3	0.7	0.1	1.05	1.71	2.28	
05	2.88	13.7	7.4	1.7	0.4	1.70	2.64	3.69	
06	3.35	13.6	7.6	2.2	0.4	2.35	3.42	4.16	
07	1.76	10.3	5.0	0.7	0.1	0.79	1.61	2.59	
08	1.69	9.0	4.2	0.8	0.2	0.65	1.31	2.13	
09	1.39	8.5	4.2	0.7	0.0	0.83	1.50	1.79	
10	1.27	9.4	3.8	0.4	0.1	0.80	1.01	1.36	
11	0.67	7.4	2.2	0.2	0.0	0.35	0.59	0.96	
12	0.51	7.3	1.7	0.0	0.0	0.31	0.40	0.67	
Summary	17.17	115.9	47.9	7.6	1.3	9.85	16.06	22.28	

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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	8.4	13.8	50.3	120.4	323.0	541.7	810.1	785.6	483.2	191.5	51.7	8.3
45	1.9	3.8	17.1	53.7	195.5	393.6	655.4	631.5	343.5	106.0	20.8	1.4
50	0.1	0.7	4.3	18.8	99.9	252.9	501.0	478.7	219.0	50.0	6.7	0.0
55	0.0	0.1	0.5	4.9	41.0	135.9	349.8	331.4	121.3	18.8	1.4	0.0
60	0.0	0.0	0.0	0.6	10.9	55.9	210.8	197.5	55.3	5.5	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.1	11.2	44.7	97.4	207.0	322.9	504.5	490.9	311.0	141.2	41.3	6.2

Growing Degree Units (Accumulated Monthly)												
40	8	22	72	193	516	1058	1868	2653	3136	3328	3380	3388
45	2	6	23	76	272	666	1321	1952	2296	2402	2423	2424
50	0	1	5	24	124	377	878	1356	1575	1625	1632	1632
55	0	0	1	6	46	182	532	864	985	1004	1005	1005
60	0	0	0	1	12	67	278	476	531	536	537	537
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	17	62	159	366	689	1194	1685	1996	2137	2178	2184

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