

Summary of Monthly Normals
1981-2010

Generated on 05/23/2024

Current Location: Elev: 4475 ft. Lat: 45.8479° N Lon: 113.9269° W
Station: SULA 3 ENE, MT US USC00247964

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	34.3	13.1	23.7	3.7	5.5	4.5	0	0	0	0	0	0	970	1032	1125	1280	0.0	0.0	0.7	11.3	30.1	4.9
02	39.6	15.1	27.3	4.2	5.9	4.9	0	0	0	0	0	0	774	830	914	1054	0.0	0.0	3.4	4.6	26.5	3.5
03	47.9	22.4	35.1	3.9	3.1	3.1	-7777	0	0	0	0	0	615	677	770	925	0.0	0.0	12.3	0.8	27.7	0.5
04	55.4	27.5	41.5	3.6	2.1	2.4	1	-7777	-7777	0	0	0	408	467	557	706	0.0	0.0	19.8	0.1	22.0	0.0
05	63.7	33.6	48.6	4.0	1.7	2.4	19	9	2	-7777	0	0	216	268	354	507	0.0	-7777	27.8	0.0	12.2	0.0
06	71.9	39.8	55.8	3.4	1.8	2.1	88	58	27	4	-7777	-7777	62	92	151	279	0.0	0.2	29.9	0.0	3.2	0.0
07	81.6	42.5	62.0	4.3	2.3	3.0	227	173	103	29	4	1	9	17	39	120	0.0	3.9	31.0	0.0	0.7	0.0
08	80.9	40.6	60.8	3.3	2.4	2.2	192	141	77	15	1	-7777	14	25	54	147	0.0	2.5	31.0	0.0	2.6	0.0
09	72.0	33.4	52.7	4.8	2.4	2.6	48	28	10	1	-7777	0	117	157	229	370	0.0	0.2	29.1	0.0	13.8	0.0
10	58.5	26.7	42.6	4.3	3.0	2.3	2	1	-7777	0	0	0	387	447	540	694	0.0	-7777	23.3	0.3	22.6	-7777
11	42.3	20.3	31.3	4.6	4.0	4.1	0	0	0	0	0	0	711	771	861	1011	0.0	0.0	6.7	4.0	26.6	1.3
12	31.9	11.1	21.5	3.6	5.1	4.3	0	0	0	0	0	0	1038	1100	1193	1348	0.0	0.0	0.5	14.7	29.9	6.0
Summary	56.7	27.2	41.9	4.0	3.3	3.2	577	410	219	49	5	1	5321	5883	6787	8441	0.0	6.8	215.5	35.8	217.9	16.2

-7777: a non-zero value that would round to zero
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	0.90	8.7	2.9	0.1	0.0	0.44	0.72	1.17
02	0.71	7.3	2.2	0.1	0.0	0.32	0.55	1.04
03	1.04	9.7	3.4	0.1	0.0	0.76	0.99	1.30
04	1.67	11.4	5.7	0.5	0.0	1.08	1.45	2.10
05	2.29	13.5	6.7	0.9	0.1	1.57	2.07	3.07
06	2.48	13.1	7.4	1.1	0.1	1.80	2.45	3.05
07	1.27	8.3	4.3	0.3	0.1	0.45	1.34	1.68
08	1.34	8.4	4.0	0.5	0.1	0.60	1.05	2.09
09	1.24	6.7	3.5	0.5	0.1	0.55	1.09	1.82
10	1.09	8.3	4.0	0.2	0.0	0.60	1.00	1.65
11	1.20	10.3	3.9	0.4	0.0	0.63	1.13	1.59
12	0.94	10.0	3.1	0.2	0.0	0.54	0.85	1.28
Summary	16.17	115.7	51.1	4.9	0.5	9.34	14.69	21.84

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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	5.9	4.2	2.1	0.5	0.1	0.0	26.6	18.1	12.6	4.1	2.0	3.6	7.3
02	3.2	3.1	1.5	0.1	0.1	0.0	20.9	14.4	9.5	3.0	1.3	3.2	5.2
03	4.6	1.7	1.2	0.3	0.1	-7777	10.7	5.8	3.5	1.0	2.0	3.6	4.6
04	1.4	0.9	0.7	0.1	-7777	0.0	1.1	0.2	-7777	0.0	0.0	0.6	1.6
05	0.5	0.1	0.1	-7777	-7777	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.4	0.1	0.1	0.1	-7777	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	0.5	0.4	0.2	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.1	0.9
11	4.2	3.5	1.7	0.3	0.1	0.0	10.0	4.5	2.0	0.0	2.0	3.6	6.6
12	6.1	5.8	2.6	0.7	0.2	-7777	25.4	16.3	6.9	0.4	4.5	4.9	7.2
Summary	26.8	19.8	10.2	2.1	0.6	0.0	95.5	59.5	34.5	8.5	11.8	19.6	33.4

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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	4	30	105	276	476	683	643	385	136	22	1
45	-7777	-7777	7	39	155	328	528	489	246	56	6	-7777
50	0	0	1	10	68	193	374	336	129	15	1	-7777
55	0	0	-7777	1	19	88	227	192	48	2	0	0
60	0	0	0	-7777	2	27	103	77	10	-7777	0	0
Growing Degree Units for Corn (Monthly)												
50/86	1	6	44	111	218	328	477	469	330	156	24	1

Growing Degree Units (Accumulated Monthly)												
40	1	5	35	140	416	892	1575	2218	2603	2739	2761	2762
45	0	0	7	46	201	529	1057	1546	1792	1848	1854	1854
50	0	0	1	11	79	272	646	982	1111	1126	1127	1127
55	0	0	0	1	20	108	335	527	575	577	577	577
60	0	0	0	0	2	29	132	209	219	219	219	219
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	7	51	162	380	708	1185	1654	1984	2140	2164	2165

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