

December 2018 – Central Agricultural Research Center, Moccasin, MT

DATE	AIRMIN	AIRMAX	AIRMID	AIROBS	GDD	PRECIP	SNOW	WIND	EVAP	SOD(-4)	BARE(-4)	BARE(-8)	BARE(-20)	NOTE
1	23	41	32	30	4.5	0	0	2.3		39	35	37	41	light snow, freezing rain, wind
2	12	37	24.5	23	2.5	0	0	4.9		38.5	34.5	37.5	41	cloudy calm
3	21	30	25.5	25	0	0	0	1.3		38	34	36	41	cloudy breezy
4	16	32	24	18	0	0	0	5		38	34	36	40	clear, light breeze
5	15	37	26	20	2.5	0.01	1	3.8		38	33	36	40	Snowing
6	-4	20	8	2	0	0.01	0.7	5.7		37	31.5	35.5	40	clear, light breeze
7	2	28	15	15	0	0	0	3.2		33.5	35	36	40	partly cloudy, breeze
8	9	42	25.5	23	5	0	0	4		36	32	35	39	clear breeze
9	18	43	30.5	27	5.5	0	0	3.8		36	36.5	35	39	clear light breeze
10	27	52	39.5	41	10	0	0	3.9		36	31.5	35	38	cloudy, light breeze
11	22	50	36	26	9	0	0	4.1		35.5	32.5	34.5	38	clear, light breeze
12	25	44	34.5	38	6	0	0	6.5		36	32.5	35	38	overcast, light breeze
13	29	42	35.5	34	5	0	0	8.5		36	32.5	34	38	cloudy, windy
14	33	44	38.5	38	6.5	0	0	9.5		36	32.5	35	38	cloudy, windy
15	32	56	44	35	12	0	0	7.2		36	33.5	34.5	38	clear, windy
16	17	46	31.5	38	7	0	0	5.6		36	33	35	38	mostly clear, breezy
17	35	54	44.5	42	12.5	0	0	6.2		36	33.5	35.5	38	partly cloudy, breezy
18	27	52	39.5	42	10	0	0	5		36	34	35	38	partly cloudy, windy
19	38	51	44.5	39	12.5	0	0	9.5		36	34	35	38	cloudy, windy
20	22	43	32.5	31	5.5	0	0	6.6		35.5	34	35	38	partly cloudy, light breeze
21	32	49	40.5	35	8.5	0	0	6.5		36	34	35.5	38	partly cloudy, windy
22														
23	11	35	23	34	1.5	0	0			36	33.5	35.5	38	cloudy, windy
24	18	42	30	20	5	0	0	5.8		36	32.5	35	38	partly cloudy, light breeze
25	10	38	24	20	3	0	0	2.1		36	32	35	38	mostly cloudy, light breeze
26	18	35	26.5	20	1.5	0.08	0.5	3.2		36	31.5	35.5	38	cloudy, light breeze
27	7	26	16.5	15	0	0	0	2.1		36	32	35	38	cloudy, overcast, breeze
28	8	20	14	18	0	0.01	0	3.1		36	32	35	38	cloudy, overcast, light breeze
29	14	31	22.5	30	0	0	0	4.9		34	31.5	34	38	cloudy, light breeze
30	30	46	38	38	7	0	0	7.8		34.5	32	34.5	37	cloudy, breeze
31	0	40	20	0	4	0.05	2	14.7		35	32.5	34	37	cloudy, light breeze
Tot/Avg	18.9	40.2	29.6	27.2	146.5	0.16	4.2	5.4		36.1	33.1	35.2	38.6	

AIRMIN=minimum temperature (°F); AIRMAX=maximum temperature (°F); AIRMID=midrange temperature (°F); AIROBS=observed temperature (°F) during visit; GDD=growing degree days (base temperature 32°F); PRECIP=precipitation (in); SNOW=snow fall (in); WIND=average wind speed (mph); EVAP=evaporation (in); SOD(-4)=midrange soil temperature (°F) at 4 inches depth (sod); BARE(-4)=midrange soil temperature (°F) at 4 inches depth (bare ground); BARE(-8)=midrange soil temperature (°F) at 8 inches depth (bare ground); BARE(-20)=soil temperature (°F) at 20 inches depth (bare ground) observed during visit