

April 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	-2	21	9.5	12	0	0	0	3.2		35	35	37	35	clear,breeze
2	12	32	22	16	0	0.13	4	7.2		36.5	35	36.5	35	snowing, lt breeze
3	-3	18	7.5	9	0	0.02	0	8.3		36.5	35	36	35	mostly clear, lt breeze
4	9	40	24.5	30	4	0.05	0.5	3		37.5	34	36	34	snowing, calm
5	16	38	27	16	3	0.03	0.5	7.2		36.5	34.5	35	34	snowing, wind
6	6	24	15	9	0	0.14	5	7.6		36	34	35.5	34	lt snow, lt breeze
7	7	18	12.5	17	0	0.07	1	17.4		36.5	34.5	36	34	overcast, wind
8	18	37	27.5	35	2.5	0.12	1	9.8		37	35	35.5	34	overcast, lt breeze
9	26	39	32.5	37	3.5	0	0	4.2		37	35	35	34	mostly clear, lt breeze
10	27	48	37.5	37	8	0	0	3.8		37	35	36	34	clear, lt breeze
11	36	54	45	42	13	0	0	4.2		37	35	35.5	34	cloudy, lt breeze
12	29	54	41.5	35	11	0	0	5.1	0.15	37	35	35.5	34	lt snow, lt breeze
13	25	40	32.5	28	4	0.23	0	8.9		37	35	35	34	snow, lt breeze
14	28	43	35.5	41	5.5	0.01	0	4.8		36.5	35	36	34	mostly cloudy, lt breeze
15	35	57	46	41	14	0	0	4.8	0.14	37	35	35	34	party cloudy, breeze
16	36	59	47.5	45	15.5	0	0	9.3	0.17	37	39	37.5	34	partly cloudy, windy
17	30	64	47	34	16	0.15	0	10.1	0.1	39	41.5	38.5	35	partly cloudy, lt breeze
18	28	50	39	36	9	0	0	7.1	0.21	42.5	41.5	40.5	35	clear, lt breeze
19	30	52	41	41	10	0	0	4	0.16	44	44.5	41.5	36	mostly clear, lt wind
20	31	60	45.5	44	14	0	0	7	0.32	45.5	47	44	37	clear, lt breeze
21														
22														
23	32	70	51	33	19	0.12	0.9			51	50.5	49.5	40	lt snow, lt breeze
24	28	44	36	35	6	0.05	0	4.5	0.02	47.5	43.5	49.5	40	clear, lt breeze
25	29	59	44	48	13.5	0	0	10.8	0.3	47	46.5	45	40	cloudy, lt wind
26	31	67	49	41	17.5	0	0	8.5	0.22	46.5	46	45.5	40	clear, lt breeze
27	39	70	54.5	50	22.5	0	0	4.2	0.25	49.5	50.5	47	41	clear, lt breeze
28	42	75	58.5	57	26.5	0	0	9.6	0.41	51.5	54.5	50.5	42	clear, lt breeze
29	44	81	62.5	50	30.5	0	0	10.3	0.48	54.5	57	53.5	43	overcast, calm
30	35	63	49	37	17	0.09	0	7.6	0.14	54.5	52.5	52.5	44	overcast, wind
Tot/Avg	25.1	49.2	37.2	34.1	285.5	1.21	12.9	7.1	3.07	41.4	40.6	40.4	36.4	

AIRMIN=minimum temperature (°F); AIRMAX=maximum temperature (°F); AIRMID=midrange temperature (°F); AIROBS=observed temperature (°F) during vist; 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 vist