

## October 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	27	44	35.5	40	6	0.06	0			49.5	46	48.5	53	clear, light breeze
2	36	66	51	36	19	0	0	3.4		48.5	46	47.5	52	overcast, lt wind
3	29	41	35	29	4.5	0.14	0	4.9		50.5	46.5	50	52	cloudy, wind
4	27	39	33	32	3.5	0	0	8.3		49	45	48	52	partly cloudy, light breeze
5	31	47	39	36	7.5	0.2	0	4.3		47.5	43.5	46.5	52	mostly cloudy, breezy
6														
7	35	52	43.5	37	11.5	0.35	0			48	45	47	51	raining, calm
8	27	46	36.5	32	7	0.14	0	2		49	46.5	48.5	51	mostly cloudy, calm
9	32	51	41.5	32	9.5	0	0	4.6		49	45	47	51	mostly cloudy, light breeze
10	30	41	35.5	30	4.5	0.02	0	8.5		48	43	46.5	51	light snow, light wind
11	29	39	34	30	3.5	0.02	0	4.4		46.5	42	45	50	snowing, calm
12	28	40	34	39	4	0.06	0	3.3		45.5	42	44.5	50	mostly sunny, breeze
13	23	64	43.5	23	16	0.05	0	9.1		46	43.5	45	50	snowing, wind
14	18	23	20.5	23	0	0.03	0	9.5		46	40	45.5	49	mostly cloudy, light breeze
15	23	42	32.5	39	5	0	0	5.3		44	39.5	42.5	48	mostly cloudy, light wind
16	37	58	47.5	42	15.5	0	0	5.7		43.5	41	42	48	mostly clear, light breeze
17	32	62	47	38	15	0	0	4.5		47	46.5	44.5	48	clear, light breeze
18	37	68	52.5	42	20.5	0	0	4.8		47	46.5	46.5	48	clear, light breeze
19	37	71	54	41	22	0	0	5.5		47.5	46.5	47	48	partly cloudy, light breeze
20	35	61	48	40	16	0	0	3.1		49	48.5	47.5	48	clear, breeze
21	31	77	54	31	22.5	0	0	4.3		48	48.5	48	48	clear, light breeze
22	28	68	48	29	18	0	0	4.5		50	47	48.5	48	clear, light breeze
23	29	60	44.5	38	14	0	0	7.4		47.5	45.5	47	48	clear, light breeze
24	35	68	51.5	40	19.5	0	0	6.2		48	48	47.5	48	partly cloudy, light breeze
25	35	67	51	35	19	0	0	4.3		49	48	48.5	48	partly cloudy, calm
26	35	61	48	51	16	0	0	5.8		49	47.5	48	48	mostly cloudy, light wind
27	41	63	52	41	20	0.06	0	5.8		49	49	48.5	48	cloudy, light wind
28	29	59	44	45	13.5	0	0	5.1		50	47	48.5	48	cloudy, windy
29	37	67	52	37	20	0.02	0	6.5		48	45.5	47	48	mostly cloudy, light breeze
30	31	52	41.5	35	10	0	0	5.3		48.5	44.5	47.5	48	mostly cloudy, light breeze
31	29	47	38	34	7.5	0	0			47	42	45.5	48	mostly cloudy, light breeze
Tot/Avg	31.1	54.8	43	35.9	370.5	1.15	0	5.4		47.8	45.2	46.8	49.3	

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