

May 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	29	51	40	40	9.5	0	0	4.5	0.1	52	49.5	49.5	44	mostly cloudy, lt breeze
2	30	53	41.5	42	10.5	0.04	0	5.3	0.11	50.5	47.5	48	44	clear, lt breeze
3	37	62	49.5	53	17.5	0	0	4.4	0.18	51.5	52	49	44	clear, windy
4	43	70	56.5	56	24.5	0	0	7.4	0.37	53	54.5	52	45	mostly clear, wind
5	42	75	58.5	54	26.5	0	0	5.7	0.34	55.5	57.5	53.5	45	mostly cloudy, calm
6	43	71	57	57	25	0	0	5.9	0.22	56	56.5	55	46	mostly clear, breeze
7	49	77	63	56	31	0.49	0	9.1	0.46	56.5	58.5	55.5	46	clear, lt breeze
8	47	67	57	56	25	0.11	0	7.6	0.31	59	57	55.5	47	clear, lt breeze
9	43	73	58	52	26	0	0	6.1	0.28	60.5	59	56.5	48	cloudy, lt breeze
10	47	70	58.5	49	26.5	1.05	0	5.8	0.16	58	57.5	55.5	48	overcast, lt breeze
11	42	63	52.5	42	20.5	0.56	0	5.2	0.18	58.5	58.5	56	48	raining, cloudy, calm
12	36	45	40.5	39	8.5	0.13	0	9.9	0.03	56.5	49.5	53.5	48	overcast, lt breeze
13	35	51	43	47	11	0.01	0	3.5	0.09	54.5	52.5	51	47	partly cloudy, calm
14	41	61	51	51	19	0	0	4.7	0.15	55.5	52.5	51.5	48	mostly clear, calm
15	44	70	57	57	25	0	0	4.5	0.27	58.5	59.5	55	48	clear, lt breeze
16	43	76	59.5	61	27.5	0	0	5	0.33	61.5	63.5	59.5	49	clear, lt breeze
17	46	77	61.5	57	29.5	0.24	0	4.6	0.24	62.5	62	59.5	50	partly cloudy, windy
18	43	65	54	43	22	0.49	0	10.5	0.16	60	56.5	57	50	rain, wind
19	38	44	41	40	9	0.21	0	6.7	0	56.5	50.5	54.5	50	overcast, calm
20	42	52	47	51	15	0	0	13.1	0.15	54.5	52.5	52	50	clear, windy
21	46	69	57.5	60	25.5	0	0	10.2	0.29	56	58	54.5	49	partly cloudy, calm
22	52	70	61	59	29	0.01	0	2.9	0.1	58.5	59	56	50	mostly cloudy, lt breeze
23	50	64	57	53	25	0.01	0	2.7	0.09	60.5	59.5	57.5	50	cloudy, lt breeze
24	45	63	54	62	22	0.3	0	2.8	0.05	60.5	58	58	50	mostly clear, lt breeze
25	48	74	61	68	29	0	0	5.7	0.27	62	60.5	58.5	51	clear, lt wind
26	51	78	64.5	64	32.5	0	0	2.9	0.25	64	63.5	61	52	partly cloudy, lt wind
27	48	76	62	60	30	0.03	0	4	0.2	66.5	67.5	63.5	53	clear, breeze
28	43	74	58.5	68	26.5	0	0	3.5	0.23	67.5	68	66.5	54	partly cloudy, lt breeze
29	50	74	62	64	30	0.01	0	4.8	0.22	66.5	68.5	64.5	54	partly cloudy, windy
30	48	71	59.5	63	27.5	0	0	7	0.36	67	68	64.5	55	mostly clear, windy
31	51	71	61	53	29	0.15	0	4.9	0.19	67	68.5	64.5	55	mostly cloudy, lt breeze
Tot/Avg	43.6	66.4	55	54.1	715	3.84	0	5.8	6.38	58.9	58.3	56.4	49	

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