

July 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	51	70	60.5	60	28.5	0.05	0	4	0.22	67.5	63.5	63	59	mostly sunny, breeze
2	48	72	60	60	28	0	0	5	0.33	67	65.5	64	59	partly sunny, calm
3	47	70	58.5	49	26.5	0	0	4.4	0.28	66.5	67	65	59	mostly cloudy, calm
4	38	63	50.5	53	18.5	0.29	0	3.7	0.11	65	61.5	62.5	59	sunny, calm
5	46	68	57	61	25	0	0	3.3	0.21	66	63	61.5	59	sunny, windy
6	61	77	69	72	37	0	0	9	0.28	67	69	65.5	59	sunny, light breeze
7	54	88	71	67	39	0.03	0	4.6		72.5	74	70	60	mostly cloudy, calm
8	51	85	68	66	36	0	0	3.4	0.31	71	74.5	70.5	61	sunny, calm
9	54	83	68.5	70	36.5	0	0	3.3	0.31	72	75.5	72	61	clear, light breeze
10	59	88	73.5	74	41.5	0.25	0	3.4	0.36	74	78	73.5	62	mostly clear, light breeze
11	52	91	71.5	63	39.5	0.03	0	5.2	0.32	73	73	71.5	62	clear, light breeze
12	52	76	64	63	32	0	0	3.5	0.3	73	74	71	62	mostly clear, calm
13	57	82	69.5	69	37.5	0	0	3.8	0.32	72.5	75.5	72	62	clear, slight breeze
14	56	89	72.5	59	40.5	0	0	3.1	0.38	75	78.5	73.5	63	mostly cloudy, breeze
15	47	64	55.5	61	23.5	0	0	4.9	0.16	71.5	68	70.5	63	clear, windy
16	55	80	67.5	67	35.5	0	0	4.9	0.31	71	73	70	63	clear, light breeze
17	59	86	72.5	65	40.5	0	0	3.6	0.33	73	75	72	63	mostly clear, light breeze
18	59	87	73	67	41	0	0	4.5	0.26	72	75	72	63	mostly clear, light breeze
19	55	89	72	65	40	0	0	5.6	0.46	74	77	73.5	63	clear, light breeze
20	59	82	70.5	68	38.5	0	0	3.8	0.32	74.5	77.5	73.5	64	clear, breeze
21	54	90	72	68	40	0	0	4	0.4	74	79	79.5	64	clear, calm
22	51	90	70.5	60	38.5	0.07	0	4.3	0.31	75	77.5	75.5	65	clear, breeze
23	46	76	61	60	29	0	0	4.2	0.43	72	74	72.5	64	clear, light breeze
24	47	82	64.5	62	32.5	0	0	5.8	0.39	74	75	72.5	65	clear, wind
25	46	79	62.5	59	30.5	0	0	3.4	0.26	72.5	76	72	64	mostly clear, light breeze
26	53	78	65.5	56	33.5	0.27	0	3.2	0.25	73.5	75	72.5	64	partly cloudy, calm
27	52	74	63	60	31	0.07	0	3.3	0.16	72.5	72	71.5	64	clear, calm
28	47	69	58	54	26	0	0	2.3	0.13	70	67.5	68.5	64	clear, light breeze
29	41	78	59.5	55	27.5	0.05	0	3.4	0.24	70	70	68.5	64	clear, light breeze
30	49	73	61	64	29	0.01	0	3.6	0.25	68.5	68.5	67.5	63	clear, light breeze
31	53	85	69	64	37	0	0	3	0.32	70	73.5	69.5	63	clear, light breeze
Tot/Avg	51.6	79.5	65.5	62.6	1039.5	1.12	0	4.1	8.71	71.3	72.5	70.2	62.3	

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