

August 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	57	84	70.5	66	38.5	0	0	3.8	0.28	72.5	74	71.5	63	smoky, calm
2	62	92	77	72	45	0	0	5	0.34	73.5	76	72.5	63	mostly clear, smoky, light breeze
3	54	91	72.5	66	40.5	0	0	3.2	0.35	74.5	77.5	73.5	64	smoky, partly cloudy, light breeze
4	46	83	64.5	57	32.5	0	0	4.4	0.31	73	72.5	73	64	clear calm
5	46	79	62.5	51	30.5	0	0	5.2	0.33	72	72.5	71.5	64	partly cloudy, light breeze
6	47	71	59	60	27	0	0	3.2	0.22	70.5	69	70	64	clear, light breeze
7	55	83	69	66	37	0	0	3.8	0.33	71.5	73.5	70	64	clear, light breeze
8	55	86	70.5	67	38.5	0	0	5.1	0.43	73	76	72.5	64	clear, light breeze
9	59	91	75	70	43	0	0	3	0.33	73	77.5	73.5	64	clear, light breeze, smoky
10	57	95	76	67	44	0	0	3.2	0.41	74.5	79.5	75.5	65	clear, smoky, calm
11	57	99	78	71	44	0	0	2.9	0.42	76.5	80.5	79	66	clear, smoky, breeze
12	60	103	81.5	65	45.5	0	0	3.8	0.44	77	82	77.5	66	partly cloudy, smoky, breeze
13	50	85	67.5	53	35.5	0	0	4.8	0.35	78	78.5	77	66	mostly cloudy, smoky, breeze
14	47	71	59	57	27	0	0	3.3	0.21	74.5	74	74	66	clear, calm, smoky
15	49	81	65	58	33	0	0	2.9	0.28	74	77	72.5	66	clear, light breeze, smoky
16	54	89	71.5	67	39.5	0	0	3.2	0.32	74	77.5	73.5	66	clear, calm, smoky
17	58	92	75	62	43	0	0	3.7	0.39	74.5	78	74.5	66	partly cloudy, smoky, light breeze
18	62	89	75.5	68	43.5	0	0	3.3	0.17	76	78	75	66	cloudy, windy smoke
19	45	75	60	49	28	0.01	0	5.6	0.36	73.5	69.5	73	66	clear, calm, smoky
20	45	74	59.5	50	27.5	0.07	0	6.1	0.28	70	69.5	70	66	cloudy, light breeze, smoky
21	46	55	50.5	49	18.5	0.53	0	2.3	-0.01	67	60.5	67	65	partly cloudy, light breeze
22	44	63	53.5	49	21.5	0	0	3.9	0.13	65	62	69	64	clear, light smoke, light breeze
23	49	82	65.5	64	33.5	0	0	5	0.27	65.5	65	64	63	partly cloudy, smoke, light breeze
24	52	83	67.5	68	35.5	0	0	4.7	0.37	68	70.5	66.5	62	smoky, light breeze
25	43	81	62	48	30	0	0	5.5	0.23	67.5	67	67	63	partly cloudy, calm, haze
26	48	75	61.5	53	29.5	0	0	4.5	0.26	66.5	68.5	67.5	63	mostly cloudy, calm
27	48	70	59	48	27	0.08	0	4.4	0.2	66.5	66.5	67	63	light rain, light wind
28	32	56	44	40	12	0.1	0	6.8	0.1	63.5	57	63	62	mostly clear, light breeze
29	40	66	53	52	21	0	0	3.2	0.16	61.5	57.5	60	61	clear, light breeze
30	51	80	65.5	61	33.5	0	0	3.3	0.27	64.5	65.5	63	61	partly cloudy, light breeze
31	43	80	61.5	55	29.5	0	0	4.8	0.27	64.5	65	65	61	clear, breeze
Tot/Avg	50.4	80.8	65.6	59	1034.5	0.79	0	4.1	8.8	70.8	71.5	70.6	64.1	

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