September 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	42	74	58	58	26	0	0	4.5	0.34	65	66.5	65.5	61	mostly cloudy, windy
2	42	71	56.5	51	24.5	0	0	7.1	0.2	64	63.5	64	61	clear, lt. breeze
3	45	76	60.5	56	28.5	0	0	4.3	0.37	63	66	64	61	clear calm
4	38	83	60.5	45	28.5	0	0	6.1	0.39	65.5	67	65.5	61	clear calm
5	44	66	55	51	23	0	0	4.6	0.2	64	65.5	64.5	61	clear, lt. breeze
6	49	74	61.5	53	29.5	0	0	5.8	0.28	64	65.5	64.5	61	mostly clear, light breeze
7	52	84	68	64	36	0.03	0	3.5	−1.93	66	66.5	65	61	mostly cloudy, light breeze
8														
9	50	86	68	55	36	0	0			67.5	68	67	61	partly cloudy, breeze
10	49	74	61.5	56	29.5	0	0	3.4	0.29	67.5	68.5	67	61	mostly clear, breeze
11	40	84	62	46	30	0	0	4.9	0.33	67	68.5	67	61	clear, light breeze
12	44	71	57.5	47	25.5	0.06	0	3.5	0.19	66.5	67.5	66.5	61	mostly cloudy, light breeze
13	45	64	54.5	46	22.5	0.08	0	4	0.12	65	61.5	64.5	61	overcast, calm
14	37	64	50.5	38	18.5	0.08	0	3.2	0.09	62.5	60.5	62	61	mostly cloudy, calm
15	36	65	50.5	54	18.5	0	0	4.8	0.01	65	61	61	60	mostly sunny, light breeze
16	40	72	56	45	24	0.25	0	6.2	0.29	67.5	60	60.5	60	clear calm
17	45	73	59	49	27	0	0	5		62	60.5	60.5	60	clear, light breeze
18	37	70	53.5	43	21.5	0	0	3	0.17	63	61.5	62	59	mostly clear, calm
19	42	68	55	42	23	0.11	0	6.9	0.16	62	59	60.5	59	lt. rain, lt. breeze
20	41	47	44	42	12	0.2	0	2.5	0	60	53.5	59	59	overcast, light breeze
21	39	57	48	44	16	0.11	0	5.5	−0.53	58	55	56.5	58	mostly cloudy, breeze
22	46	72	59	57	27	0	0	3.6	0.15	59	56.5	57	58	cloudy breeze
23	44	74	59	47	27	0.02	0	2.8	0.03	59	57.5	57.5	58	rain, calm
24	36	61	48.5	41	16.5	0.09	0	3.5	0.14	57	51.5	55.5	57	partly cloudy, calm
25	36	50	43	41	11	0.02	0	6.3	0.07	54	49	53.5	57	mostly cloudy, lt breeze
26	36	58	47	43	15	0	0	4.4	0.14	54.5	51	57.5	56	cloudy, lt breeze
27	43	65	54	44	22	0	0	4.9	0.18	53	52.5	53	55	overcast, lt breeze
28	31	45	38	33	6.5	0.31	0	3	0	54	48	54	56	cloudy, calm
29						0.09	0							
30						0.1	0							
Tot/Avg	41.8	68.4	55.1	47.8	625	1.55	0	4.5	1.68	62.1	60.4	61.3	59.4	

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