

September 2016 ~ Central Agricultural Research Center ~ Moccasin, MT

Date	Air temp			Water temp			Evap (inch)	Wind (mph)	Precip (inch)	Wheat GDU	Temp Obs. (°F)	High Gust	
	Max	Min	Mean	Max	Min	Mean							
1	98	57	77.5	81	56.1	68.4	0.45	5.5	0	45.5	61	34	
2	93	55	74.0	76.3	56.1	66.2	0.3	4.7	0	42.0	62	34	
3	77	47	62.0	71.4	50	60.7	0.13	7.0	0	30.0	49	25	
4	71	46	58.5	71.4	48.6	60.0	0.35	3.7	0.28	26.5	46	18	
5	50	40	45.0	50.4	43.7	47.1	0.07	7.0	1.19	13.0	40	18	
6	50	38	44.0	52.5	40.5	46.5	0.05	3.9	0.03	12.0	45	21	
7	70	40	55.0	68.7	41	54.9	0.19	4.5	0.05	23.0	43	34	
8	68	43	55.5	68	47.8	57.9	0.27	4.9	0	23.5	50	41	
9	69	42	55.5	66.2	43.3	54.8	0.28	8.0	0.01	23.5	43	28	
10	63	40	51.5	65.5	43.5	54.5	0.19	4.5	0	19.5	49	41	
11	79	46	62.5	72.7	44.1	58.4	0.33	5.7	0	30.5	60	33	
12	71	33	52.0	62.6	37.4	50.0	0.15	11.5	0.18	20.0	34	25	
13	45	31	38.0	49.3	37.2	43.3	0.07	5.5	0.02	6.5	34	29	
14	53	34	43.5	59	34.7	46.9	0.18	10.2	0	11.5	38	20	
15	66	38	52.0	64.6	38.5	51.6	0.11	2.8	0.01	20.0	45	18	
16	68	42	55.0	69.8	43.9	56.9	0.16	3.8	0.05	23.0	46	27	
17	75	43	59.0	72.5	43.9	58.2	0.27	5.0	0	27.0	58	30	
18	73	55	64.0	61.3	45.3	53.3	0.25	5.5	0	32.0	59	42	
19	70	37	53.5	67.1	41.5	54.3	0.3	7.6	0	21.5	45	14	
20	71	42	56.5	69.1	41.4	55.3	0.25	3.9	0	24.5	44	22	
21	67	44	55.5	64.4	45.7	55.1	0.15	3.6	0.07	23.5	45	15	
22	57	44	50.5	51.8	46.4	49.1	Over	6.2	1.16	18.50	44	24	
23	54	43	48.5	52.2	46.4	49.3	Full	3.6	0.26	16.50	44	18	
24	56	41	48.5	56.5	44.6	50.6	Over	4.5	0.04	16.50	45	39	
25	61	36	48.5	58.5	41	49.8	Full	9.4	0.02	16.5	42	21	
26	67	40	53.5	65.8	41	53.4	0	4.1	0	21.5	43	14	
27	76	43	59.5	73	46.4	59.7	0.18	3.3	0	27.5	53	27	
28	82	39	60.5	74.1	46.4	60.3	0.39	6.2	0	28.5	41	28	
29	71	41	56.0	68.9	46.4	57.7	0.22	7.5	0.00	24.0	52	19	
30	83	47	65.0	73.4	49.1	61.3	0.18	3.6	0	33.0	56	16	
Mean	68.5	42.2	55.4	65.3	44.4	54.8	0.2	5.6	0.1	23.4	47.2	25.7	
TOTAL								5.47	167.08	3.37	701		

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Date	4 inch Sod			4inch Bare			8 inch Bare			20 inch Bare
	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Mean
1	73	67	70.0	80	65	72.5	72	69	70.5	63
2	74	65	69.5	78	67	72.5	72	70	71.0	64
3	70	69	69.5	75	64	69.5	70	69	69.5	64
4	70	68	69.0	74	61	67.5	67	67	67.0	64
5	67	60	63.5	60	53	56.5	68	59	63.5	63
6	60	59	59.5	57	50	53.5	58	57	57.5	61
7	61	55	58.0	62	49	55.5	59	55	57.0	60
8	64	60	62.0	64	53	58.5	61	59	60.0	60
9	62	60	61.0	65	54	59.5	61	58	59.5	60
10	62	58	60.0	65	53	59.0	60	58	59.0	60
11	63	52	57.5	68	52	60.0	62	57	59.5	59
12	60	58	59.0	62	51	56.5	60	57	58.5	59
13	58	54	56.0	53	45	49.0	57	53	55.0	59
14	56	48	52.0	57	44	50.5	54	50	52.0	58
15	58	53	55.5	61	46	53.5	56	52	54.0	57
16	60	57	58.5	65	52	58.5	59	56	57.5	57
17	61	57	59.0	62	52	57.0	61	58	59.5	57
18	60	59	59.5	62	54	58.0	59	58	58.5	57
19	59	59	59.0	64	53	58.5	60	59	59.5	57
20	60	57	58.5	65	52	58.5	60	57	58.5	57
21	60	58	59.0	64	59	61.5	60	58	59.0	57
22	60	58	59.0	59	53	56.0	60	56	58.0	57
23	57	56	56.5	56	52	54.0	56	55	55.5	57
24	56	56	56.0	57	51	54.0	56	55	55.5	57
25	55	55	55.0	55	48	51.5	54	54	54.0	57
26	58	53	55.5	59	47	53.0	55	54	54.5	56
27	61	56	58.5	63	50	56.5	58	54	56.0	56
28	61	57	59.0	68	54	61.0	61	56	58.5	56
29	60	58	59.0	66	53	59.5	60	59	59.5	56
30	62	58	60.0	68	55	61.5	61	58	59.5	56
Mean	61.6	58.0	59.8	63.8	53.1	58.4	60.6	57.9	59.2	58.7