

August 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	88	46	67.0	87	52.5	69.6	0.45	5.3		35.0	60	21	
2	82	51	66.5	81.7	51.6	66.7	0.41	5.0		34.5	62	23	
3	90	57	73.5	84	51.8	67.9	0.55	7.0		41.5	60	40	
4	76	42	59.0	72	46.6	59.3	0.57	9.2		27.0	50	17	
5	78	50	64.0	80.6	46.9	63.8	0.32	3.9		32.0	61	20	
6	86	58	72.0	81.7	53.1	67.4	0.39	5.0		40.0	65	30	
7	83	47	65.0	80.1	52.9	66.5	0.23	4.3	0.07	33.0	56	42	
8	85	48	66.5	77.7	50.7	64.2	0.23	5.8	0.14	34.5	55	21	
9	83	46	64.5	84.9	51.1	68.0	0.3	4.2	0.01	32.5	59	35	
10	83	45	64.0	82.2	50	66.1	0.3	7.8	T	32.0	52	33	
11	77	45	61.0	76.3	48.2	62.3	0.38	5.2		29.0	55	28	
12	78	46	62.0	77	48.7	62.9	0.33	5.6		30.0	55	23	
13	78	46	62.0	77.7	52.2	65.0	0.26	5.0		30.0	46	17	
14	83	46	64.5	83.7	52	67.9	0.35	3.8		32.5	68	31	
15	86	48	67.0	83.7	52	67.9	0.22	5.6		35.0	59	21	
16	88	54	71.0	85.5	52	68.8	0.5	5.9	0.05	39.0	65	23	
17	91	52	71.5	87.8	52	69.9	0.39	2.5		39.5	67	24	
18	87	49	68.0	87.8	52	69.9	0.43	6.1	0.54	36.0	51	25	
19	65	43	54.0	67.3	46.4	56.9	0.16	5.8	0.53	22.0	48	20	
20	65	41	53.0	68.2	45.5	56.9	0.09	4.7		21.0	54	18	
21	79	52	65.5	80.2	46.4	63.3	0.42	4.7		33.5	56	23	
22	90	53	71.5	84.2	46.4	65.3	0.3	4.4		39.50	61	37	
23	85	44	64.5	75.9	47.1	61.5	0.55	8.2		32.50	52	35	
24	72	48	60.0	69.8	46.9	58.4	0.37	9.4		28.00	50	29	
25	61	37	49.0	60.6	41.9	51.3	0.14	6.8	0.03	17.0	43	18	
26	68	39	53.5	70.5	41.9	56.2	0.2	3.1		21.5	43	17	
27	69	44	56.5	72	46.4	59.2	0.21	4.0		24.5	57	24	
28	85	58	71.5	78.4	46.4	62.4	0.29	4.5		39.5	66	26	
29	80	47	63.5	74.5	49.3	61.9	0.34	5.2		31.5	57	20	
30	86	53	69.5	82	49.8	65.9	0.32	4.8		37.5	53	12	
31	87	60	73.5	79	55.4	67.2	0.26	2.8		41.5	52	31	
Mean	80.5	48.2	64.3	78.5	49.2	63.9	0.3	5.3	0.2	32.3	56.1	25.4	
TOTAL								10.26	165.42	1.37	1002.5		

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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	79	75	77.0	87	70	78.5	78	75	76.5	66
2	81	75	78.0	85	69	77.0	77	74	75.5	66
3	81	75	78.0	87	68	77.5	78	74	76.0	67
4	79	74	76.5	80	66	73.0	75	73	74.0	67
5	79	73	76.0	84	65	74.5	75	72	73.5	66
6	78	73	75.5	84	67	75.5	76	72	74.0	66
7	77	73	75.0	82	66	74.0	75	72	73.5	66
8	74	70	72.0	78	62	70.0	72	70	71.0	66
9	75	67	71.0	81	62	71.5	73	68	70.5	66
10	75	69	72.0	81	64	72.5	73	69	71.0	65
11	75	71	73.0	80	64	72.0	72	70	71.0	65
12	73	69	71.0	78	63	70.5	72	69	70.5	65
13	76	69	72.5	79	65	72.0	73	70	71.5	65
14	77	72	74.5	84	65	74.5	75	70	72.5	65
15	75	73	74.0	83	68	75.5	75	72	73.5	65
16	77	73	75.0	85	68	76.5	75	72	73.5	65
17	79	72	75.5	87	67	77.0	76	72	74.0	66
18	79	71	75.0	85	67	76.0	75	72	73.5	66
19	72	68	70.0	72	58	65.0	73	67	70.0	66
20	69	64	66.5	67	55	61.0	66	63	64.5	65
21	70	63	66.5	77	55	66.0	69	62	65.5	64
22	74	65	69.5	81	61	71.0	72	66	69.0	64
23	72	69	70.5	78	63	70.5	71	68	69.5	64
24	69	66	67.5	74	62	68.0	69	67	68.0	64
25	67	63	65.0	65	55	60.0	67	63	65.0	64
26	67	62	64.5	71	55	63.0	67	62	64.5	63
27	67	64	65.5	72	57	64.5	66	64	65.0	62
28	70	64	67.0	77	59	68.0	68	64	66.0	62
29	68	67	67.5	75	62	68.5	69	67	68.0	62
30	70	65	67.5	78	62	70.0	70	67	68.5	63
31	70	68	69.0	78	69	73.5	71	69	70.0	63
Mean	74.0	69.1	71.5	79.2	63.2	71.2	72.4	68.9	70.6	64.8