

July 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	86	58	72.0	78	55.9	66.9	0.41	8.5	0.02	40.0	64	18	
2	84	52	68.0	87.3	57.2	72.3	0.39	4.6		36.0	61	26	
3	88	52	70.0	85.5	57.7	71.6	0.5	5.6		38.0	75	32	
4	87	48	67.5	82.6	51.1	66.9	0.45	4.9		35.5	69	30	
5	85	41	63.0	81.7	46.2	64.0	0.42	5.7		31.0	45	24	
6	78	54	66.0	80.1	49.8	65.0	0.45	5.3		34.0	46	28	
7	65	42	53.5	68	46.4	57.2	0.28	6.4	0.13	21.5	50	21	
8	77	50	63.5	80.6	46.4	63.5	0.2	3.8		31.5	57	32	
9	90	50	70.0	80.8	55.4	68.1	0.32	4.9	0.05	38.0	62	30	
10	85	52	68.5	84.2	55.4	69.8	0.39	4.6	0.25	36.5	56	27	
11	70	46	58.0	84.2	49.1	66.7	0.21	4.6	0.86	26.0	48	44	
12	67	44	55.5	64.9	47.1	56.0	0.27	7.7	0.12	23.5	55	27	
13	73	50	61.5	76.5	47.8	62.2	0.33	5.9	0.02	29.5	54	25	
14	72	45	58.5	73.9	49.6	61.8	0.26	4.6	0.02	26.5	52	27	
15	75	45	60.0	76.1	50	63.1	0.27	5.3		28.0	60	37	
16	82	52	67.0	80	52.9	66.5	0.22	7.4	0.12	35.0	53	24	
17	71	45	58.0	80.1	50.2	65.2	0.37	4.9		26.0	57	31	
18	76	50	63.0	80.1	50.2	65.2	0.26	5.2	0.02	31.0	58	32	
19	85	52	68.5	83.1	55.2	69.2	0.37	7.5		36.5	63	22	
20	90	50	70.0	86	57.2	71.6	0.37	5.0		38.0	61	22	
21	86	53	69.5	84.6	57.2	70.9	0.37	4.1		37.5	63	15	
22	88	57	72.5	86.2	57.2	71.7	0.4	4.0		40.50	71	47	
23	93	48	70.5	78.8	52.2	65.5	0.42	6.4		38.50	61	39	
24	93	41	67.0	78.8	50.2	64.5	0.44	6.9		35.00	64	14	
25	83	50	66.5	86.7	50.2	68.5	0.34	3.3		34.5	60	38	
26	87	54	70.5	87.8	54.9	71.4	0.45	8.3	T	38.5	63	25	
27	87	50	68.5	80.6	53.6	67.1	0.21	4.0	0.05	36.5	54	20	
28	82	52	67.0	84	57.2	70.6	0.33	4.5	0.02	35.0	57	26	
29	83	53	68.0	86	58.3	72.2	0.33	3.8		36.0	62	24	
30	84	56	70.0	85.6	58.6	72.1	0.4	4.4		38.0	73	21	
31	93	57	75.0	86.7	56.1	71.4	0.4	4.7		43.0	62	26	
Mean	82.1	50.0	66.0	81.3	52.8	67.0	0.3	5.4	0.1	34.0	59.2	27.5	
TOTAL								10.83	166.38	1.68	1055.0		

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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	76	67	71.5	82	68	75.0	75	53	64.0	63
2	80	72	76.0	88	68	78.0	77	70	73.5	63
3	79	73	76.0	87	70	78.5	77	74	75.5	63
4	80	73	76.5	87	69	78.0	76	72	74.0	64
5	80	73	76.5	85	72	78.5	77	72	74.5	68
6	79	73	76.0	84	68	76.0	75	70	72.5	64
7	73	67	70.0	74	60	67.0	72	67	69.5	59
8	75	67	71.0	80	59	69.5	71	66	68.5	63
9	75	69	72.0	81	65	73.0	73	69	71.0	63
10	76	72	74.0	81	65	73.0	73	69	71.0	63
11	75	66	70.5	80	58	69.0	70	65	67.5	63
12	65	63	64.0	63	54	58.5	65	60	62.5	62
13	68	62	65.0	73	54	63.5	66	60	63.0	61
14	68	66	67.0	71	59	65.0	67	64	65.5	61
15	70	67	68.5	76	59	67.5	68	65	66.5	61
16	73	66	69.5	80	61	70.5	70	65	67.5	61
17	71	68	69.5	74	61	67.5	68	66	67.0	61
18	73	66	69.5	76	60	68.0	69	65	67.0	61
19	73	68	70.5	81	63	72.0	72	66	69.0	62
20	75	71	73.0	84	66	75.0	74	70	72.0	63
21	76	73	74.5	84	67	75.5	75	70	72.5	63
22	79	74	76.5	88	69	78.5	78	72	75.0	65
23	75	74	74.5	82	67	74.5	75	73	74.0	65
24	75	73	74.0	82	66	74.0	74	72	73.0	65
25	79	73	76.0	85	65	75.0	76	70	73.0	65
26	79	73	76.0	86	68	77.0	76	72	74.0	65
27	79	73	76.0	85	68	76.5	76	73	74.5	65
28	79	74	76.5	84	68	76.0	75	72	73.5	65
29	80	73	76.5	85	69	77.0	77	73	75.0	65
30	80	74	77.0	82	75	78.5	78	74	76.0	66
31	80	76	78.0	88	71	79.5	84	75	79.5	67
Mean	75.6	70.3	73.0	81.2	64.9	73.1	73.5	68.5	71.0	63.4