

June 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	61	36	48.5	67	42.1	54.4	0.18	7.2	0.01	16.5	43	14	
2	71	43	57.0	82	43.7	62.9	0.25	4.5		25.0	58	26	
3	73	49	61.0	69.8	51.3	60.6	0.19	5.4		29.0	60	27	
4	73	45	59.0	76.6	52.3	64.5	0.41	8.0		27.0	60	14	
5	80	49	64.5	90	58.6	74.3	0.41	3.7		32.5	61	14	
6	81	43	62.0				0.4	3.2		30.0	52	26	
7	81	52	66.5				0.34	12.1		34.5	60	37	
8	87	51	69.0	85.6	55.2	70.4	0.3	4.5	0.08	37.0	60	22	
9	87	51	69.0	91.4	55.4	73.4	0.43	6.6	0.02	37.0	55	26	
10	80	48	64.0	81.3	55	68.2	0.28	2.8	0.07	32.0	62	30	
11	85	48	66.5	81.7	54.1	67.9	0.46	7.8	0.02	34.5	56	17	
12	70	48	59.0	78.3	52.2	65.3	0.34	4.1	0.26	27.0	62	17	
13	72	42	57.0	80.4	48.4	64.4	0.26	3.7	T	25.0	51	27	
14	75	50	62.5	78.8	49.3	64.1	0.4	5.5	0.06	30.5	54	43	
15	80	43	61.5	75.6	45.3	60.5	0.44	6.6	0.16	29.5	43	25	
16	62	43	52.5	65.5	45.1	55.3	0.23	7.5	0.32	20.5	50	26	
17	69	39	54.0	75.7	42.1	58.9	0.31	7.0		22.0	52	15	
18	71	43	57.0	78.4	44.1	61.3	0.15	3.9		25.0	58	27	
19	86	49	67.5	81.9	49.5	65.7	0.5	9.8		35.5	59	29	
20	71	38	54.5	73.9	41.7	57.8	0.53	7.9		22.5	49	23	
21	82	49	65.5	77.5	49.8	63.7	0.46	4.1		33.5	59	37	
22	86	38	62.0	81.9	43.5	62.7	0.56	9.6		30.00	50	13	
23	78	45	61.5	84.2	43.9	64.1	0.37	3.3		29.50	58	26	
24	90	49	69.5	80.1	52.3	66.2	0.45	6.9		37.50	59	39	
25	77	44	60.5	73.6	43.9	58.8	0.27	6.7	0.02	28.5	53	34	
26	70	40	55.0	69.4	45.3	57.4	0.39	8.3		23.0	55	24	
27	77	45	61.0	79.2	46.9	63.1	0.48	5.4		29.0	52	25	
28	82	52	67.0	83.7	50.5	67.1	0.45	7.0		35.0	59	33	
29	85	52	68.5	84.6	55.8	70.2	0.35	4.8		36.5	58	23	
30	84	54	69.0	89.4	57	73.2	0.38	4.5		37.0	63	25	
Mean	77.5	45.9	61.7	79.2	49.1	64.1	0.4	6.1	0.1	29.7	55.7	25.4	
TOTAL								10.51	182.29	1.02	892		

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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	60	57	58.5	61	50	55.5	56	55	55.5	52
2	64	55	59.5	71	49	60.0	61	54	57.5	52
3	62	60	61.0	67	56	61.5	61	59	60.0	53
4	67	60	63.5	74	51	62.5	65	59	62.0	51
5	70	61	65.5	81	59	70.0	70	60	65.0	55
6	72	66	69.0	82	62	72.0	70	64	67.0	55
7	71	66	68.5	80	63	71.5	70	67	68.5	56
8	71	66	68.5	79	63	71.0	69	66	67.5	57
9	72	65	68.5	84	60	72.0	72	64	68.0	58
10	73	68	70.5	81	69	75.0	71	68	69.5	59
11	73	70	71.5	83	64	73.5	72	70	71.0	59
12	72	65	68.5	79	60	69.5	71	64	67.5	59
13	72	66	69.0	79	60	69.5	69	64	66.5	59
14	70	66	68.0	76	59	67.5	68	65	66.5	59
15	67	64	65.5	74	59	66.5	66	63	64.5	59
16	64	60	62.0	66	56	61.0	63	61	62.0	58
17	68	62	65.0	70	54	62.0	64	61	62.5	58
18	70	61	65.5	77	54	65.5	66	60	63.0	58
19	69	63	66.0	79	59	69.0	70	63	66.5	58
20	69	65	67.0	76	59	67.5	69	65	67.0	58
21	69	64	66.5	79	59	69.0	70	64	67.0	59
22	70	66	68.0	80	61	70.5	71	67	69.0	59
23	75	66	70.5	83	61	72.0	73	66	69.5	60
24	70	70	70.0	81	65	73.0	73	69	71.0	60
25	71	66	68.5	78	60	69.0	70	66	68.0	60
26	70	65	67.5	74	60	67.0	68	65	66.5	61
27	74	64	69.0	80	59	69.5	70	64	67.0	60
28	77	68	72.5	84	63	73.5	73	67	70.0	60
29	78	70	74.0	85	69	77.0	75	70	72.5	61
30	79	72	75.5	87	68	77.5	76	72	74.0	62
Mean	70.3	64.6	67.4	77.7	59.7	68.7	68.7	64.1	66.4	57.8