

**2014 May Weather Summary
Central Agricultural Research Center
Moccasin, Montana**

FACTOR		Record	2014	2013	Ave
Precipitation (inches)					
Total			1.64	3.17	2.58 ^{1/}
Crop Year	(Sept-May)		10.99	6.48	8.90
Annual	(Jan-May)		4.91	4.45	5.50
Record High	(1962)	7.86			
Record Low	(1958)	0.21			
Snowfall	1982	24.3	0.0	0.0	1.8 ^{2/}
Snowfall Crop Year	(Sept-May)		74.4	44.1	60.3
Temperature (° F)					
Low	(May 27,1954)	2	17	13	
High	(May 27,1919)	93	79	52	
Average			48.3	51.6	50.1 ^{3/}
Average Maximum			63.4	64	62.3
Average Minimum			33.5	39	39.9
Record Mean High	(1934)	59.0			
Record Mean Low	(1927)	43.0			
Wind					
Average speed mph			5.8	7	
Days w/gust >30mph			4d	13d	
Total miles			4315	4656	

May 2014 was dryer with 0.94" less than average precipitation. Night time temperatures were 6.5° F below average, while daytime temperatures were 1.1° F above average. Stands of early maturing grass species are starting to show some stress due to below average April and May precipitation.

^{1/} 105 years of precipitation

^{2/} 53 years of snowfall records

^{3/} 103 years of temperature records

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Date	Air temp			Water temp			Evap (inch)	Wind (mph)	Precip (inch)	Snow Fall	Snow Accum	GDU
	Max	Min	Mean	Max	Min	Mean						
1	61	17	39.0	60	39	49.5	0.20	7.7				
2	73	25	49.0	73	39	56.0	0.33	6.5				
3	66	34	50.0	69	40	54.5		8.8				
4	54	30	42.0	60	37	48.5	0.08	7.1	0.07			
5	57	30	43.5	61	37	49.0	0.03	5.8	0.12			
6	60	29	44.5	61	43	52.0	0.05	4.8	0.10			
7	50	28	39.0	50	34	42.0	0.06	11.0				
8	44	25	34.5	48	34	41.0	0.09	5.5				
9	61	35	48.0	65	37	51.0	0.21	4.0				
10	60	34	47.0	55	38	46.5	0.10	4.3	0.03			
11	49	31	40.0	51	38	44.5	0.09	6.7				
12	39	25	32.0	44	35	39.5	0.05	6.9	0.02			
13	52	25	38.5	54	35	44.5	0.23	6.6				
14	63	29	46.0	66	38	52.0	0.22	4.9				
15	62	50	56.0	71	41	56.0	0.33	3.0				
16	64	39	51.5	72	42	57.0	0.14	11.3	0.34			
17	52	39	45.5	59	47	53.0	0.19	2.8	0.01			
18	65	42	53.5	73	46	59.5	0.28	6.8	0.24			
19	62	23	42.5	56	42	49.0	0.09	3.5	0.20			
20	62	19	40.5	64	40	52.0	0.13	6.0	0.04			
21	65	22	43.5	72	44	58.0	0.22	3.2				
22	73	30	51.5	79	46	62.5	0.28	5.2				
23	78	31	54.5	80	50	65.0	0.27	3.7				
24	77	45	61.0	81	49	65.0		5.1	0.13			
25	70	45	57.5	79	49	64.0		5.5				
26	79	45	62.0	84	49	66.5		4.8				
27	75	45	60.0	84	52	68.0		1.7				
28	73	44	58.5	75	51	63.0		6.9	0.34			
29	77	47	62.0	76	51	63.5	0.36	7.9				
30	69	38	53.5	75	44	59.5	0.18	6.9				
31	73	45	59.0	76	45	60.5	0.42	5.0				
Mean	63.4	33.7	48.6	66.9	42.3	54.6	0.2	5.8				
TOTAL	63	34	48.6					6	1.64	0.0		