

April Weather Summary

Central Agricultural Research Center
Moccasin, Montana
by Joe Vavrovsky

	<u>2006</u>	<u>2005</u>	<u>Avg.</u>
	inches		
Total April Precip.	2.92	1.59	1.19 ¹
Crop Year Precip. (Sept-Apr)	7.05	5.13	6.34
Annual Precip. (Jan-Apr)	3.84	2.79	2.94
Total April Snowfall	6.0	1.0	7.5
Total Snowfall (Sept-Apr)	43.8	41.2	59.1

Record High Apr. Precip. = 5.37 in 1920
Record Low Apr. Precip. = 0.08 in 1942

	<u>2006</u>	<u>2005</u>	<u>Avg.</u>
	degrees F		
April Mean Temp.	45	42	41
Ave. Maximum Temp. for Apr.	57	54	53
Ave. Minimum Temp. for Apr.	34	30	29

Record High Mean Temp. for Apr. = 50 in 1915
Record Low Mean Temp. for Apr. = 30 in 1975
Record High Temp. for Apr. = 87 on Apr.25, 1946
Record Low Temp. for Apr. = -18 on Apr. 1, 1936
High Temp. for Apr. 2006 = 75 on April 21
Low Temp. for Apr. 2006 = 21 on Apr. 24

Above normal precip for April left annual and crop year totals 0.90" and 0.71", respectively, above their long term avg. With 2.92" of precip, April 2006 was the 4th wettest April on record at Moccasin, surpassed only by April 1920(5.37"), April 2003 (3.68"), and April 1933 (3.01"). Mean temp for the month was 4° above its long term avg.

1/ 97 years of precipitation records

2/ 45 years of snowfall records

3/ 95 years of temperature records

Monthly Weather Report ~ Central Agricultural Research Center ~ Moccasin, MT April, 2006

Date	Air Temp.			Water Temp.			Evap. Inch	Wind MPH	Precip Inch	Snow Fall	Snow Accum	GDU
	Max	Min	Mean	Max	Min	Mean						
1	56	36	46.0	56	38	47.0	0.15	5.58				
2	58	32	45.0	59	32	45.5	0.08	3.50	0.65	1.0	1.0	
3	44	31	37.5	47	32	39.5	0.03	3.67				
4	60	35	47.5	60	34	47.0	0.17	5.00				
5	62	33	47.5	57	39	48.0	0.08	3.04	0.01			
6	57	40	48.5	60	40	50.0	0.16	5.62	0.74			
7	46	35	40.5	47	37	42.0	0.04	3.96	0.06			
8	50	35	42.5	53	36	44.5	0.06	7.54	0.01			
9	62	37	49.5	60	38	49.0	0.14	4.46	0.03			
10	57	37	47.0	62	39	50.5	0.21	3.33				
11	55	32	43.5	59	37	48.0	0.09	2.58				
12	58	31	44.5	56	37	46.5	0.26	3.50				
13	67	32	49.5	67	36	51.5	0.16	4.08				
14	59	38	48.5	56	39	47.5	0.16	4.33				
15	70	42	56.0	68	39	53.5	0.25	4.17				
16	70	33	51.5	68	39	53.5	0.24	4.21	0.09			
17	55	29	42.0	0	0	0.0	0.10	3.29	0.99	3.0	3.0	
18	35	28	31.5	0	0	0.0	0.10	5.17	0.03		1.5	
19	46	27	36.5	0	0	0.0	0.10	4.38				
20	52	30	41.0	62	32	47.0	0.18	3.96				
21	64	38	51.0	72	36	54.0	0.21	2.25				
22	75	40	57.5	73	40	56.5	0.18	4.54				
23	64	25	44.5	71	32	51.5	0.23	9.33	0.28	2.0	2.0	
24	34	21	27.5	0	0	0.0	0.06	3.12				
25	47	27	37.0	0	0	0.0	0.10	4.92				
26	57	32	44.5	60	31	45.5	0.25	7.88				
27	62	37	49.5	64	38	51.0	0.22	4.04				
28	56	31	43.5	58	37	47.5	0.05	4.88	0.03			
29	63	36	49.5	70	38	54.0	0.37	3.12				
30	70	45	57.5	76	40	58.0	0.11	3.88				
MEAN	57	34	45.3	51	31	41.0	0.15	4.44				
TOTAL							4.54		2.92	6.0		0