

Monthly Weather Report~Central Agricultural Research Center~ Moccasin, MT January -December 2015

Multi-Month Means Report

MONTH	Temp Mean	Precip Totals	Precip Totals 104y Ave.	Wind mph	High Wind Gust	Snow Totals	GDU Wheat Totals	Pan Evap. inch	Soil Temperature			
									Sod 4 inch	Bare 4 inch	Bare 8 inch	Bare 20 inch
January	28.5	0.31	0.55	6.6	42	7.3	nR	nR	35.0	34.8	35.8	36.5
February	28.7	0.20	0.45	6.8	45	8.1	142	nR	37.6	35.2	36.3	36.1
March	39.9	0.34	0.71	6.1	48	1.0	377	nR	41.9	41.7	41.2	38.1
April	42.4	1.48	1.20	5.8	49	6.5	381	4.4	48.9	47.8	47.1	43.6
May	48.5	3.79	2.58	5.9	33	T	528	5.8	55.9	55.3	54.5	49.2
June	62.7	1.76	3.12	4.3	33	0.0	913	8.9	69.2	70.0	68.1	58.9
July	65.5	1.77	1.67	5.1	36	0.0	1038	9.6	70.4	69.8	69.5	63.3
August	66.7	0.54	1.64	5.1	42	0.0	1069	12.1	69.7	71.0	69.7	63.4
September	57.8	0.83	1.41	5.0	31	0.0	773	8.3	60.5	60.7	60.9	58.3
October	48.7	0.61	0.91	5.8	51	T	550	nR	52.8	51.6	53.1	54.5
November	33.4	0.47	0.57	6.0	56	6.5	167	nR	40.0	37.4	40.2	44.5
December	27.2	0.40	0.54	6.2	53	11.5	137	nR	37.0	35.0	36.7	40.7
Mean:	45.8	1.0	1.3	5.7	43.3	4.1	552	8.2	51.6	50.9	51.1	48.9
Total:		12.5	15.4	4486		40.9	6073	40.8				

nR: not recorded due to freezing temperatures or soil too cold for sustained plant growth

Wheat GDI $[(dMaxoF+dMinoF)/2]-32$

When minimum temperature drops below 32°F, 32 is used in the equation. Wheat GDU may be inflated.

Peak wind gust: is the high 15 minute interval mean of 24h d. The 15 minute intervals are pre-scheduled by the Agrimet Weather Station.