



Crop Weather Report

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For the Week Ending:
April 1, 2012

Weather Summary

Warm, dry days were the prevailing trend for much of Montana during the past week with many stations seeing temperatures in the upper 60s and upper 70s. Thompson Falls received the highest amount of precipitation for the week with 1.69 inches of moisture. Most other station reported receiving 0.01 of an inch to 1.37 inches of moisture. High temperatures ranged from the mid 60s to lower 80s, with the state-wide high temperature of 83 degrees recorded at Broadus. A majority of stations reported lows in the 20s, the coldest being Wisdom at 17 degrees, followed by Cooke City and West Yellowstone with 19 degrees.

The weather outlook for April 9th through April 15th is for above normal temperatures and near normal precipitation on east side of the Great Divide. The west side of the Divide can expect above normal temperatures and precipitation. Normal temperatures for this period in Montana are highs in the mid 40s to upper 50s, with lows in the upper teens to the lower 30s. Topsoil moisture adequate and surplus is 53 percent compared with 96 percent last year and the 5 year average of 74 percent. Subsoil moisture also declined with 48 percent adequate and surplus compared to 90 percent last year and the 5 year average of 62 percent.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	14	6	1	8
Short	33	33	3	18
Adequate	52	57	65	62
Surplus	1	4	31	12
Subsoil Moisture				
Very Short	11	7	1	12
Short	41	36	8	25
Adequate	45	50	74	57
Surplus	3	7	16	5

Field Crops Report

Winter wheat condition is rated 24 percent good to excellent, compared to 69 percent good to excellent from last year and the 5 year average of 53 percent good to excellent as dry, windy conditions continued and precipitation was minimal throughout most of the state. Winter wheat is showing signs of spring with 45% of greening, ahead of last year's 13%, 15% green & growing, and 40% remains dormant. Field work has begun under mild conditions 31 percent just started and 13 percent well underway. Days suitable for field work were 5.3 days compared to 0.6 last year and the 5 year average of 2.3 days. Planting of small grains is off to an early start with 7 percent of barley planted compared to 1 last year and the 5 year average of 3 percent. Oats are 4 percent planted and spring wheat planting is 5 percent complete ahead of the 5 year average of 1 percent complete for both crops. Reports are coming in with concerns that continued dry and windy conditions will impact crop growth this year if the state doesn't receive adequate precipitation soon.

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Field Work				
Days	5.3	na	0.6	2.3
Field Tillage Work in Progress				
None	56	na	96	83
Just Started	31	na	4	13
Well Underway	13	na	0	4

Livestock Report

Early spring grazing conditions are 86 percent open, far above last year's 27 percent and the 5 year average of 57 percent. The need to provide supplemental feed has decreased with warmer weather from last week and is lower from the previous year to 86 percent of cattle and 84 percent of sheep. Livestock birthing has continued slightly behind last year with 54 percent calving completed and 36 percent lambing completed.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Livestock Birthing				
Calving Complete	54	41	56	56
Lambing Complete	36	24	47	39
Livestock Grazing				
Open	86	79	27	57
Difficult	5	6	29	23
Closed	9	15	44	20
Livestock Receiving Supplemental Feed				
Cattle and Calves	86	92	94	92
Sheep and Lams	84	90	93	93
Range and Pasture Feed Condition				
Very Poor	3	na	3	6
Poor	19	na	16	20
Fair	45	na	44	46
Good	31	na	35	26
Excellent	2	na	2	2

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	3	3	0	2
Poor	13	12	2	6
Fair	60	57	29	39
Good	22	25	61	46
Excellent	2	3	8	7
Winter Wheat Spring Stages				
Still Dormant	40	62	86	57
Greening	45	28	13	28
Green & Growing	15	10	1	13
Barley				
Planted	7	na	1	3
Camelina				
Planted	8	na	4	3
Oats				
Planted	4	na	0	1
Spring Wheat				
Planted	5	na	0	1

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the week ending 04/02/2012

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	66	27	44	0	+0	0.94	+0.73	0.20	+0.17	667	10.71	+4.92	185
Anaconda	67	26	47	4	+4	0.41	+0.13	0.20	+0.16	500	6.55	+2.08	147
Clinton	64	28	47	2	+2	0.47	+0.28	0.10	+0.07	333	8.27	+0.72	110
Corvallis	62	30	46	2	+2	0.18	-0.02	0.00	-0.03	0	5.26	+0.96	122
Creston	62	30	44	0	+0	0.39	+0.04	0.09	+0.04	180	6.23	-2.07	75
Deer Lodge	68	27	44	0	+0	0.19	+0.11	0.11	+0.10	1100	3.32	+0.87	136
Drummond	69	25	46	4	+4	0.24	+0.05	0.14	+0.12	700	5.13	+0.58	113
Hamilton	66	25	47	0	+0	0.37	+0.16	0.03	+0.00	100	7.82	+1.98	134
Kalispell	63	28	44	1	+1	0.37	+0.16	0.15	+0.12	500	7.18	-0.67	91
Missoula	63	28	47	3	+3	0.28	+0.07	0.04	+0.01	133	7.02	+1.23	121
Olney	55	24	38	0	+0	0.40	+0.12	0.00	-0.04	0	12.17	+0.29	102
Polson	60	27	44	0	+0	0.57	+0.30	0.09	+0.05	225	7.29	+0.79	112
St Ignatius	62	32	46	0	+0	0.55	+0.27	0.12	+0.08	300	8.23	+1.95	131
Seeley Lake	64	24	42	0	+0	0.19	-0.04	0.01	-0.02	33	14.41	+2.82	124
Sula	66	28	47	4	+4	0.56	+0.28	0.15	+0.11	375	9.55	+3.40	155
Superior	64	29	48	0	+0	1.37	+1.09	0.28	+0.24	700	13.76	+5.37	164
Swan Lake	62	28	41	0	+0	0.50	+0.14	0.11	+0.06	220	9.19	-7.43	55
Thompson Falls	67	28	47	0	+0	1.69	+1.34	0.06	+0.01	120	15.87	+2.29	117
West Glacier	60	25	43	0	+0	0.63	+0.28	0.11	+0.06	220	15.61	-0.06	100
NORTH CENTRAL													
Chester	68	26	46	6	+6	0.12	-0.02	0.12	+0.10	600	4.26	+1.84	176
Chinook	75	24	48	14	+14	0.02	-0.12	0.02	+0.00	100	2.86	-0.24	92
Choteau	69	26	46	6	+6	0.03	-0.07	0.00	-0.01	0	3.15	+1.36	176
Cut Bank	66	21	41	4	+4	0.02	-0.12	0.00	-0.02	0	3.32	+0.84	134
Ft Assiniboine	73	26	46	13	+13	0.08	-0.10	0.08	+0.06	400	1.78	-1.49	54
Fort Benton	72	26	48	14	+14	0.30	+0.09	0.24	+0.21	800	3.69	-0.02	99
Goldbutte	69	19	45	4	+4	0.00	-0.21	0.00	-0.03	0	4.87	+1.69	153
Harlem	73	26	47	13	+13	0.11	-0.01	0.05	+0.04	500	3.39	+0.91	137
Havre	73	27	49	18	+18	0.05	-0.10	0.04	+0.02	200	1.91	-1.24	61
Malta	71	31	52	23	+23	0.01	-0.13	0.00	-0.02	0	2.81	-0.18	94
Rudyard	71	26	45	8	+8	0.15	+0.06	0.15	+0.14	1500	2.13	+0.28	115
Shelby	69	21	43	7	+7	0.05	-0.14	0.00	-0.02	0	3.63	+0.65	122
Turner	68	27	47	10	+10	0.03	-0.04	0.00	-0.01	0	2.83	+0.56	125
Valier	65	24	44	3	+3	0.06	-0.08	0.00	-0.02	0	2.69	+0.34	114
NORTHEAST													
Bredette	72	20	48	11	+11	0.05	-0.09	0.04	+0.02	200	3.01	+0.56	123
Culbertson	73	22	51	18	+18	0.00	-0.14	0.00	-0.02	0	1.65	-1.07	61
Glasgow	74	31	52	23	+23	0.01	-0.13	0.01	-0.01	50	2.99	+0.40	115
Glendive	77	28	54	33	+33	0.00	-0.19	0.00	-0.03	0	1.72	-1.54	53
Jordan	73	23	50	12	+12	0.00	-0.14	0.00	-0.02	0	2.80	-0.55	84
Nashua	74	26	51	16	+16	0.05	-0.09	0.05	+0.03	250	2.57	+0.25	111
Opheim	70	18	47	13	+13	0.00	-0.07	0.00	-0.01	0	1.19	-0.96	55
Plentywood	73	27	47	12	+12	0.00	-0.14	0.00	-0.02	0	3.15	+0.35	112
St Marie	71	26	49	7	+7	0.01	-0.13	0.01	-0.01	50	1.62	-0.97	63
Scobey	73	27	49	10	+10	0.00	-0.14	0.00	-0.02	0	2.45	+0.15	107
Sidney	74	24	53	27	+27	0.00	-0.15	0.00	-0.03	0	1.27	-2.25	36
Wolf Point	75	25	51	22	+22	0.00	-0.14	0.00	-0.02	0	1.57	-1.11	59
CENTRAL													
Cascade	69	22	45	8	+8	0.18	-0.03	0.14	+0.11	467	4.65	+1.08	130
Grass Range	74	26	49	10	+10	0.00	-0.28	0.00	-0.04	0	4.65	+0.31	107
Great Falls	71	31	46	8	+8	0.21	-0.07	0.17	+0.13	425	4.67	+0.20	104
Harlowton	74	28	48	9	+9	0.18	-0.03	0.06	+0.03	200	4.71	+1.30	138
Helena	71	27	48	12	+12	0.17	+0.02	0.12	+0.10	600	4.18	+1.01	132
Lewistown	71	30	48	8	+8	0.28	+0.00	0.00	-0.04	0	5.39	+0.06	101
Martinsdale	74	23	47	6	+6	0.07	-0.14	0.00	-0.03	0	3.71	+0.34	110
Neihart	67	29	46	1	+1	0.21	-0.14	0.11	+0.06	220	7.83	+1.36	121
Rogers Pass	66	21	43	2	+2	0.16	-0.12	0.05	+0.01	125	6.68	+1.42	127
Roundup	76	29	52	19	+19	0.40	+0.19	0.00	-0.03	0	4.76	+1.44	143
Ryegate	75	23	47	8	+8	0.01	-0.20	0.00	-0.03	0	3.53	+0.30	109
Stanford	69	26	47	4	+4	0.11	-0.17	0.04	+0.00	100	4.14	-0.38	92
Townsend	73	26	48	16	+16	0.37	+0.23	0.24	+0.22	1200	2.87	+0.36	114
Valentine	73	27	47	7	+7	0.03	-0.14	0.03	+0.01	150	3.42	-0.02	99
Wht Sulphur Spr	65	28	45	2	+2	0.18	-0.03	0.08	+0.05	267	2.48	-1.17	68
SOUTHWEST													
Boulder	68	24	46	6	+6	0.28	+0.14	0.16	+0.14	800	4.68	+1.82	164
Bozeman	68	27	48	7	+7	0.32	+0.04	0.13	+0.09	325	4.03	-1.11	78
Butte	65	25	46	0	+0	0.43	+0.22	0.41	+0.38	1367	3.01	-0.80	79
Dillon	70	25	46	6	+6	0.08	-0.06	0.08	+0.06	400	2.45	+0.19	108
Ennis	70	24	46	2	+2	0.07	-0.15	0.03	+0.00	100	3.99	+0.04	101
Lakeview	66	28	45	4	+4	0.32	-0.05	0.06	+0.01	120	9.15	+1.71	123
W Yellowstone	55	19	36	0	+0	0.40	+0.04	0.05	+0.00	100	7.57	-3.69	67
Wisdom	67	17	39	3	+3	0.36	+0.17	0.09	+0.07	450	6.34	+2.25	155
SOUTH CENTRAL													
Billings	80	35	54	34	+34	0.00	-0.32	0.00	-0.05	0	3.91	-1.38	74
Cooke City	53	19	35	0	+0	0.29	-0.13	0.00	-0.06	0	9.48	-2.60	78
Gardiner	66	34	47	8	+8	0.20	+0.06	0.00	-0.02	0	8.74	+5.53	272
Hardin	80	27	54	27	+27	0.00	-0.21	0.00	-0.03	0	4.04	-0.01	100
Huntley	82	28	51	19	+19	0.03	-0.25	0.00	-0.04	0	3.80	-0.65	85
Hysham	78	27	52	18	+18	0.00	-0.21	0.00	-0.03	0	3.15	-0.82	79
Joliet	80	26	48	11	+11	0.00	-0.35	0.00	-0.05	0	2.98	-2.65	53
Livingston	72	27	51	20	+20	0.21	-0.05	0.00	-0.04	0	3.60	-0.95	79
Nye	71	26	50	13	+13	0.23	-0.12	0.13	+0.08	260	7.01	+1.64	131
Rapelje	76	27	51	14	+14	0.00	-0.28	0.00	-0.04	0	2.97	-1.79	62
SOUTHEAST													
Albion	79	30	51	18	+18	0.09	-0.12	0.00	-0.03	0	2.06	-1.04	66
Baker	80	27	51	22	+22	0.00	-0.21	0.00	-0.03	0	2.19	-1.89	54
Broadus	83	25	57	52	+52	0.03	-0.25	0.00	-0.04	0	2.69	-1.49	64
Ekalaka	79	28	52	23	+23	0.00	-0.29	0.00	-0.05	0	3.11	-1.84	63
Miles City	81	31	55	40	+40	0.00	-0.21	0.00	-0.03	0	1.86	-1.72	52
Plevna	78	27	53	23	+23	0.00	-0.21	0.00	-0.03	0	2.31	-1.77	57

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1971-2000. GDD-Growing degree days