



Montana Crop Progress

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For the Month Ending:
March 30, 2014

Field Crops Report

Weather Summary

The month of March started warm across Montana leading to flooding in some areas as recent snows melted, followed by cold and snowy conditions. West Glacier received the highest amount of precipitation for the month with 5.57 inches of moisture. Most other stations reported receiving 0.23 to 4.20 inches of precipitation. High temperatures ranged from the lower 50s to upper 60s, with the state-wide high temperature of 70 degrees recorded at Broadus. Most stations reported lows below 0 degrees with the coldest being Opheim at -33 degrees, followed by Albion and Gold Butte with -31 degrees.

The weather outlook for April 7th through April 13th is for near normal temperatures and above normal precipitation east of the Continental Divide. West of the Divide can expect above normal temperatures and above normal precipitation. Normal temperatures for this period in Montana are highs in the mid 40s to the upper 50s with lows in the upper teens to the lower 30s. Both topsoil and subsoil moisture levels remain above last year. Topsoil moisture is 77 percent adequate and surplus compared with 61 percent last year. Subsoil moisture was 77 percent adequate and surplus compared to 44 percent last year.

Soil Moisture Table	This Month	Last Month	Last Year
Topsoil Moisture			
Very Short	3	5	16
Short	20	17	23
Adequate	70	73	57
Surplus	7	5	4
Subsoil Moisture			
Very Short	3	4	22
Short	20	16	34
Adequate	72	76	43
Surplus	5	4	1

Livestock Report

Livestock grazing conditions remain behind last year with 41 percent open compared to 50 percent last year. Livestock birthing continues with reports of above average weather related losses.

Range & Livestock Table	This Month	Last Month	Last Year
Livestock Grazing			
Open	41	17	50
Difficult	19	31	23
Closed	40	52	27
Livestock Receiving Supplemental Feed			
Cattle & Calves	98	99	95
Sheep & Lambs	96	97	97
Livestock Birthing			
Calving Completed	47	12	49
Lambing Completed	30	6	32

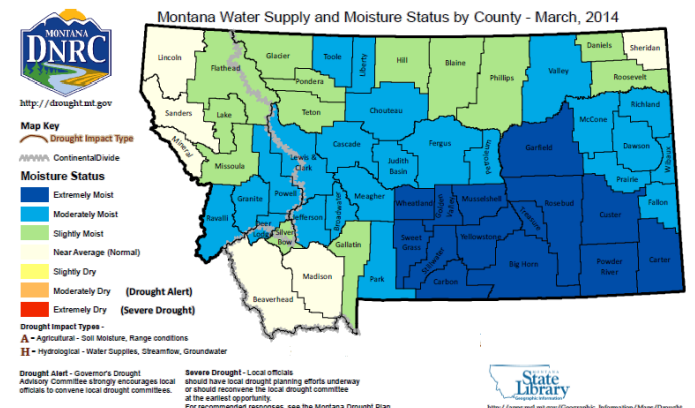
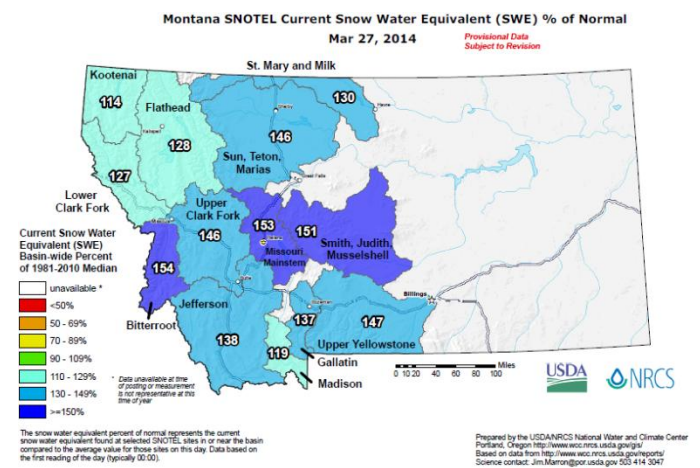
*****Special Publication Notice*****

Starting with next Monday's publication, NASS will begin publishing weekly Crop Progress Reports each Monday through October for the 2014 crop season.

Winter wheat condition is 50 percent good to excellent compared to 44 percent last year. Much of this year's winter wheat crop is still dormant but 22 percent is greening which is just behind last year's 26 percent.

Crop Progress and Condition Table	This Month	Last Month	Last Year
Winter Wheat			
Very Poor	0	1	3
Poor	7	8	10
Fair	43	38	43
Good	47	42	40
Excellent	3	11	4
Winter Wheat – Wind Damage			
None	76	74	70
Light	20	19	24
Moderate	4	6	5
Heavy	0	1	1
Winter Wheat – Freeze & Drought Damage			
None	79	76	70
Light	17	16	22
Moderate	4	7	6
Heavy	0	1	2
Winter Wheat – Protectiveness of Snow Cover			
Very Poor	8	6	25
Poor	13	22	24
Fair	53	40	27
Good	25	25	22
Excellent	1	7	2
Winter Wheat – Spring Stages			
Still Dormant	78	na	71
Greening	22	na	26
Green & Growing	0	na	3

na – Not Available



Weather Information for the Month ending 03/31/14

Station	Temperature				Precipitation March			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
NORTHWEST										
Alberton	62	1	35	-3	3.43	+2.50	369	11.61	+5.91	204
Anaconda	59	-5	35	+1	1.33	+0.33	133	5.25	+0.90	121
Clinton	61	-1	36	+5	1.99	+1.23	262	7.76	+0.30	104
Corvallis	64	0	38	-2	1.90	+1.25	292	6.08	+1.86	144
Creston	56	-3	35	+1	2.28	+1.02	181	7.79	-0.36	96
Deer Lodge	66	-9	34	-1	0.89	+0.43	193	2.55	+0.13	105
Drummond	61	-5	36	+1	1.60	+0.88	222	6.45	+1.97	144
Hamilton	61	0	36	-2	3.10	+2.31	392	10.23	+4.47	178
Kalispell	55	-4	34	-2	2.39	+1.31	221	9.29	+1.53	120
Missoula	63	0	36	-2	1.99	+1.06	214	7.01	+1.31	123
Olney	54	-3	29	-3	2.38	+1.08	183	10.71	-1.05	91
Polson	58	2	37	-2	1.31	+0.31	131	7.15	+0.76	112
St Ignatius	64	2	39	+0	1.72	+0.60	154	7.63	+1.47	124
Seeley Lake	59	-8	33	+0	2.54	+1.27	200	12.74	+1.24	111
Sula	59	5	37	+4	1.68	+0.73	177	7.40	+1.37	123
Superior	65	4	39	-2	1.97	+0.75	161	11.51	+3.24	139
Swan Lake	54	-6	32	-2	2.89	+1.00	153	11.74	-4.73	71
Thompson Falls	61	8	38	-3	4.20	+2.47	243	14.05	+0.62	105
West Glacier	50	-9	32	-3	5.57	+3.79	313	17.44	+1.92	112
NORTH CENTRAL										
Chester	60	-19	24	-8	1.13	+0.64	231	4.56	+2.20	193
Chinook	60	-20	25	-6	0.63	+0.09	117	2.16	-0.88	71
Choteau	62	-18	31	-5	0.70	+0.38	219	2.95	+1.20	169
Cut Bank	56	-21	26	-6	0.73	+0.20	138	2.55	+0.13	105
Ft Assiniboine	59	-19	24	-9	0.81	+0.18	129	2.87	-0.33	90
Fort Benton	63	-14	27	-11	1.09	+0.27	133	4.32	+0.70	119
Goldbutte	59	-31	23	-10	1.09	+0.42	163	4.10	+1.01	133
Harlem	60	-20	25	-8	1.07	+0.71	297	3.88	+1.44	159
Havre	60	-18	27	-6	1.14	+0.46	168	3.81	+0.72	123
Malta	62	-21	29	-2	0.81	+0.24	142	2.27	-0.66	77
Rudyard	58	-17	24	-9	1.40	+0.99	341	4.17	+2.35	229
Shelby	59	-20	24	-9	1.04	+0.40	163	3.83	+0.92	132
Turner	59	-25	26	-5	0.60	+0.22	158	2.19	-0.05	98
Valier	56	-19	25	-9	1.50	+1.02	312	4.27	+1.98	186
NORTHEAST										
Bredette	61	-28	25	-6	0.41	-0.06	87	1.89	-0.50	79
Culbertson	63	-23	28	-4	0.23	-0.24	49	1.69	-0.97	64
Glasgow	64	-21	27	-4	0.73	+0.28	162	2.75	+0.22	109
Glendive	65	-18	31	-2	0.37	-0.17	69	3.22	+0.05	102
Jordan	66	-16	30	-5	0.51	-0.08	86	3.60	+0.31	109
Nashua	64	-21	28	-6	0.56	+0.18	147	2.15	-0.11	95
Opheim	56	-33	24	-4	0.38	+0.01	103	3.18	+1.06	150
Plentywood	60	-26	22	-8	0.50	-0.09	85	2.54	-0.20	93
St Marie	56	-19	24	-7	0.30	-0.15	67	1.16	-1.37	46
Scobey	64	-28	25	-3	0.26	-0.26	50	1.18	-1.06	53
Sidney	65	-20	30	-4	0.43	-0.11	80	3.11	-0.34	90
Wolf Point	66	-18	28	-5	0.23	-0.25	48	0.97	-1.65	37
CENTRAL										
Cascade	61	-13	33	+0	1.02	+0.32	146	4.48	+1.00	129
Grass Range	64	-22	31	-5	1.09	+0.14	115	4.91	+0.69	116
Great Falls	61	-17	30	-4	1.35	+0.38	139	5.82	+1.47	134
Harlowton	61	-20	30	-4	2.91	+2.21	416	8.96	+5.64	270
Helena	65	-12	35	-1	0.89	+0.29	148	4.21	+1.11	136
Lewistown	57	-19	28	-4	1.55	+0.43	138	5.38	+0.17	103
Martinsdale	59	-15	33	+0	1.53	+0.85	225	5.17	+1.89	158
Neihart	56	-22	30	-4	2.58	+1.27	197	9.03	+2.71	143
Rogers Pass	61	-12	30	-4	1.40	+0.31	128	4.53	-0.61	88
Roundup	63	-24	35	-4	1.59	+0.98	261	5.39	+2.16	167
Ryegate	59	-28	29	-4	1.81	+1.22	307	5.57	+2.43	177
Stanford	61	-21	30	-6	1.82	+0.88	194	7.95	+3.55	181
Townsend	65	-12	36	-2	0.71	+0.19	137	2.83	+0.38	116
Valentine	66	-27	27	-6	1.08	+0.39	157	3.67	+0.29	109
Wht Sulphur Spr	52	-20	30	-3	0.55	-0.26	68	2.84	-0.72	80
SOUTHWEST										
Boulder	61	-13	33	-1	1.27	+0.77	254	3.47	+0.67	124
Bozeman	55	-13	33	-3	3.24	+1.90	242	8.50	+2.12	133
Butte	58	-9	30	+0	1.03	+0.23	129	3.39	-0.33	91
Dillon	62	-6	35	+2	0.27	-0.24	53	0.95	-1.25	43
Ennis	60	-7	34	-2	0.87	+0.03	104	3.30	-0.55	86
Lakeview	58	6	34	+10	1.83	+0.12	107	3.81	-3.48	52
W Yellowstone	51	-7	25	+1	3.97	+2.20	224	13.26	+2.15	119
Wisdom	60	-4	30	+4	0.76	+0.12	119	5.08	+1.06	126
SOUTH CENTRAL										
Billings	64	-21	34	-4	0.81	-0.26	76	8.78	+3.64	171
Cooke City	56	-7	32	+9	2.25	+0.31	116	6.98	-4.92	59
Gardiner	60	-8	35	-1	1.05	+0.44	172	3.95	+0.80	125
Hardin	66	-29	35	-4	1.03	+0.39	161	7.84	+3.88	198
Huntley	67	-29	31	-5	0.87	+0.00	100	8.02	+3.69	185
Hysham	63	-26	34	-3	1.32	+0.53	167	7.36	+3.48	190
Joliet	63	-25	31	-5	0.85	-0.37	70	7.46	+1.98	136
Livingston	67	-15	35	+0	1.82	+1.01	225	5.92	+1.49	134
Nye	61	-11	34	-4	2.63	+1.55	244	10.36	+5.14	198
Rapelje	61	-26	33	-3	1.53	+0.55	156	5.90	+1.26	127
SOUTHEAST										
Albion	66	-31	29	-2	1.21	+0.72	247	7.67	+4.66	255
Baker	67	-19	29	-4	0.30	-0.44	41	3.64	-0.35	91
Broadus	70	-29	35	-2	0.66	-0.17	80	5.60	+1.54	138
Ekalaka	63	-25	30	-4	0.97	+0.20	126	7.35	+2.53	152
Miles City	64	-19	31	-5	0.74	+0.19	135	2.88	-0.61	83
Plevna	65	-21	30	-3	0.56	-0.18	76	4.17	+0.18	105

Compiled by AWIS, Inc. based on NWS data. DFN - Departure from normal 1971-2000.