



Montana Crop Progress

Issue: 14-01

Issued: Weekly: Apr-Oct
Monthly: Nov-Mar

Cooperating with the Montana Department of Agriculture

USDA, NASS, Montana Field Office
10 West 15th Street · Suite 3100 · Helena, MT 59626
(800) 835-2612 · (406) 441-1250 FAX · www.nass.usda.gov/mt

Released: February 3, 2014

For the Month Ending:
January 31, 2014

Weather Summary

The month of January was mild with high winds during the first half of the month in most of Montana. Weather much turned colder with snow storms for the second half of January. Stanford received the highest amount of precipitation for the month with 2.41 inches of moisture. Most other stations reported receiving 0.04 to 2.35 inches of precipitation. High temperatures ranged from the upper 30s to lower 60s, with the state-wide high temperature of 62 degrees recorded at Fort Benton. Most stations reported lows below 0 degrees with the coldest being Scobey at -30 degrees, followed by Plevna with -29 degrees.

The weather outlook for February 10th through February 16th is for near normal temperatures and above normal precipitation both east and west of the Continental Divide. Normal temperatures for this period in Montana are highs in the upper 20s to the upper 30s with lows 5 to 20 degrees.

Both topsoil and subsoil moisture levels remain above last year. Topsoil moisture is 75 percent adequate and surplus compared with 62 percent last year. Subsoil moisture was 72 percent adequate and surplus compared to 44 percent last year.

Soil Moisture Table	This Month	Last Month	Last Year
Topsoil Moisture			
Very Short	9	4	16
Short	16	21	22
Adequate	73	74	57
Surplus	2	1	5
Subsoil Moisture			
Very Short	8	4	27
Short	20	23	29
Adequate	71	69	43
Surplus	1	4	1

Livestock Report

Pasture and range conditions were 11 percent very poor, 13 percent poor, 47 percent fair, 27 percent good, and 2 percent excellent. Livestock grazing conditions, at 23 percent open, are worse when compared with 44 percent last year. . Calving was 3 percent complete, and lambing was just underway at 1 percent complete.

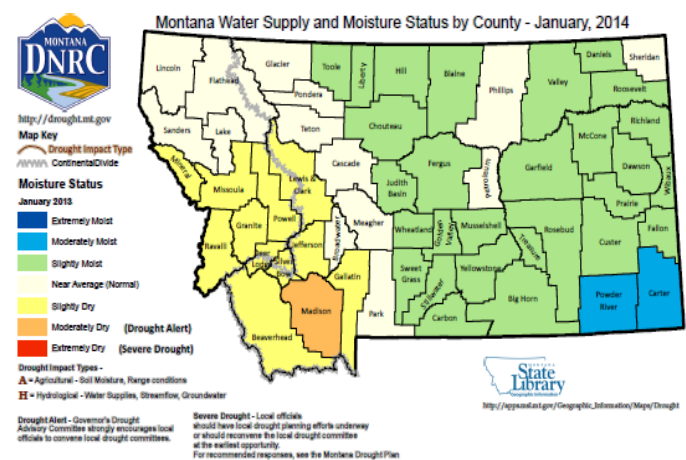
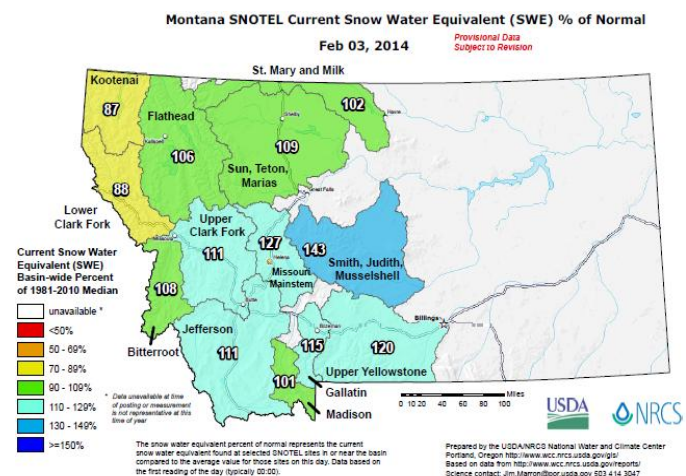
Range & Livestock Table	This Month	Last Month	Last Year
Livestock Grazing			
Open	23	25	45
Difficult	34	44	22
Closed	43	31	33
Livestock Receiving Supplemental Feed			
Cattle & Calves	95	94	97
Sheep & Lambs	96	93	98
Livestock Birthing			
Calving Completed	3	na	3
Lambing Completed	1	na	1

na - Not Available

Field Crops Report

Winter wheat condition is 46 percent good to excellent compared to 41 percent last year. Winter damage remains relatively low due to decent snow cover with 86 percent reporting fair to excellent snow cover compared to 66 percent last year.

Crop Progress and Condition Table	This Month	Last Month	Last Year
Winter Wheat			
Very Poor	1	1	2
Poor	5	5	7
Fair	48	34	50
Good	43	54	39
Excellent	3	6	2
Winter Wheat - Wind Damage			
None	76	91	76
Light	20	8	18
Moderate	4	1	5
Heavy	0	0	1
Winter Wheat - Freeze & Drought Damage			
None	78	92	74
Light	15	6	19
Moderate	6	2	6
Heavy	1	0	1
Winter Wheat - Protectiveness of Snow Cover			
Very Poor	3	22	14
Poor	11	3	20
Fair	72	46	49
Good	12	26	14
Excellent	2	3	3



Weather Information for the Month ending 01/31/14

Station	Temperature				Precipitation November			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
NORTHWEST										
Alberton	50	7	30	+7	1.44	+0.38	136	4.38	+0.38	109
Anaconda	47	-5	28	+5	0.67	+0.09	116	2.23	-0.66	77
Clinton	47	2	29	+12	1.06	-0.42	72	3.31	-2.30	59
Corvallis	53	5	32	+6	0.69	-0.02	97	1.84	-1.19	61
Creston	47	-7	28	+6	1.19	-0.13	90	4.40	-1.30	77
Deer Lodge	48	-4	28	+6	0.19	-0.14	58	0.60	-1.08	36
Drummond	48	-2	29	+9	0.86	+0.07	109	2.75	-0.40	87
Hamilton	54	6	32	+7	1.05	-0.06	95	3.22	-0.89	78
Kalispell	48	-5	27	+6	1.35	-0.12	92	5.80	+0.27	105
Missoula	48	7	30	+7	0.89	-0.17	84	2.60	-1.40	65
Olney	45	-9	23	+6	1.79	-0.60	75	7.28	-1.17	86
Polson	48	10	29	+3	1.26	+0.15	114	3.91	-0.60	87
St Ignatius	54	11	31	+5	1.22	+0.23	123	3.76	-0.51	88
Seeley Lake	48	-8	26	+7	2.28	-0.16	93	6.41	-2.17	75
Sula	45	1	28	+8	0.98	+0.02	102	3.43	-0.85	80
Superior	48	11	31	+5	2.03	+0.55	137	6.45	+0.54	109
Swan Lake	46	-3	27	+7	1.70	-1.28	57	6.31	-5.89	52
Thompson Falls	46	13	31	+4	2.35	-0.24	91	6.17	-3.49	64
West Glacier	45	-2	27	+5	1.91	-1.25	60	9.43	-2.12	82
NORTH CENTRAL										
Chester	53	-17	24	+9	0.45	+0.07	118	2.94	+1.33	183
Chinook	56	-21	23	+11	0.04	-0.50	7	1.48	-0.70	68
Choteau	57	-14	31	+8	0.81	+0.56	324	1.52	+0.28	123
Cut Bank	53	-15	28	+10	0.43	+0.04	110	1.71	+0.10	106
Ft Assiniboine	53	-18	24	+11	0.31	-0.17	65	1.80	-0.44	80
Fort Benton	62	-16	28	+7	0.75	+0.20	136	2.66	+0.25	110
Goldbutte	54	-28	25	+6	0.63	+0.21	150	2.85	+0.76	136
Harlem	53	-19	24	+11	0.41	+0.00	100	2.59	+0.83	147
Havre	54	-18	26	+12	0.60	+0.13	128	2.43	+0.38	119
Malta	51	-25	22	+13	0.10	-0.28	26	1.30	-0.77	63
Rudyard	51	-24	24	+7	0.70	+0.45	280	2.32	+1.09	189
Shelby	57	-20	25	+7	0.72	+0.28	164	2.36	+0.42	122
Turner	46	-24	20	+9	0.15	-0.14	52	1.50	-0.18	89
Valier	53	-16	27	+5	0.67	+0.36	216	2.08	+0.51	132
NORTHEAST										
Bredette	45	-27	15	+5	0.10	-0.18	36	1.41	-0.29	83
Culbertson	51	-21	17	+7	0.08	-0.23	26	1.29	-0.67	66
Glasgow	50	-26	18	+8	0.23	-0.12	66	1.76	-0.06	97
Glendive	51	-21	21	+8	0.26	-0.15	63	2.53	+0.23	110
Jordan	54	-22	24	+11	0.29	-0.22	57	2.72	+0.38	116
Nashua	49	-28	19	+5	0.11	-0.18	38	1.37	-0.32	81
Opheim	44	-28	15	+7	0.18	-0.08	69	2.22	+0.70	146
Plentywood	47	-25	11	+2	0.28	-0.06	82	1.83	-0.01	99
St Marie	46	-25	18	+8	0.06	-0.29	17	0.76	-1.06	42
Scobey	43	-30	15	+7	0.00	-0.26	0	0.76	-0.82	48
Sidney	50	-19	19	+6	0.04	-0.37	10	2.56	+0.01	100
Wolf Point	51	-23	17	+7	0.06	-0.39	13	0.66	-1.23	35
CENTRAL										
Cascade	52	-8	30	+7	0.66	+0.16	132	2.30	-0.11	95
Grass Range	59	-12	30	+8	0.81	+0.02	103	3.14	+0.18	106
Great Falls	58	-21	31	+10	1.26	+0.58	185	3.38	+0.51	118
Harlowton	52	-12	29	+6	1.30	+0.85	289	4.94	+2.71	222
Helena	55	-6	30	+11	0.53	+0.01	102	1.44	-0.68	68
Lewistown	53	-16	27	+7	1.06	+0.17	119	3.41	-0.11	97
Martinsdale	52	-8	30	+7	0.65	+0.16	133	2.73	+0.45	120
Neihart	47	-15	26	+2	2.32	+1.37	244	5.05	+0.70	116
Rogers Pass	52	-10	28	+8	0.81	+0.02	103	2.54	-0.88	74
Roundup	60	-14	32	+8	0.66	+0.23	153	2.88	+0.62	127
Ryegate	54	-12	27	+7	0.69	+0.17	133	2.70	+0.44	119
Stanford	56	-13	29	+5	2.41	+1.72	349	5.13	+2.15	172
Townsend	51	-8	26	+3	0.35	+0.00	100	1.21	-0.49	71
Valentine	60	-19	26	+11	0.43	-0.19	69	2.16	-0.21	91
Wht Sulphur Spr	45	-12	27	+6	0.23	-0.24	49	1.42	-0.95	60
SOUTHWEST										
Boulder	53	-13	30	+8	0.29	-0.11	72	0.91	-1.09	45
Bozeman	51	-11	28	+6	0.69	-0.15	82	3.87	-0.47	89
Butte	47	-13	25	+9	0.22	-0.31	42	1.75	-0.70	71
Dillon	54	-2	30	+8	0.02	-0.24	8	0.47	-1.02	32
Ennis	51	-7	28	+5	0.21	-0.25	46	1.31	-1.25	51
Lakeview	42	-15	21	+9	0.58	-0.30	66	1.66	-2.96	36
W Yellowstone	37	-27	14	+2	1.97	+0.01	101	6.96	-0.61	92
Wisdom	46	-15	23	+10	0.91	+0.29	147	2.62	-0.25	91
SOUTH CENTRAL										
Billings	55	-4	31	+8	0.89	+0.08	110	5.88	+2.39	168
Cooke City	45	-10	25	+13	0.83	-1.46	36	3.14	-5.03	38
Gardiner	46	-6	25	+2	0.58	+0.21	157	2.32	+0.11	105
Hardin	58	-19	29	+7	0.62	+0.01	102	5.40	+2.43	182
Huntley	55	-20	28	+9	0.64	+0.05	108	6.01	+3.03	202
Hysham	61	-15	29	+9	1.05	+0.54	206	5.48	+2.73	199
Joliet	52	-12	27	+6	0.94	+0.20	127	4.98	+1.35	137
Livingston	54	-3	34	+9	0.52	-0.12	81	2.95	-0.19	94
Nye	56	-2	31	+4	0.72	+0.09	114	5.64	+2.08	158
Rapelje	57	-10	31	+8	0.52	-0.11	83	3.20	+0.08	103
SOUTHEAST										
Albion	53	-17	23	+9	0.35	+0.06	121	6.70	+4.49	303
Baker	49	-22	21	+6	0.34	-0.21	62	3.12	+0.31	111
Broadus	57	-18	28	+8	0.22	-0.27	45	4.37	+1.55	155
Ekalaka	48	-21	23	+4	0.70	+0.11	119	5.84	+2.30	165
Miles City	54	-25	23	+7	0.16	-0.34	32	2.00	-0.60	77
Plevna	51	-29	21	+6	0.19	-0.36	35	3.15	+0.34	112

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