



Crop Weather Report

Issue: 11-31

Montana Field Office · 10 W 15th St, Suite 3100 · Helena, MT 59626

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(406) 441-1240 · (406) 441-1250 FAX · www.nass.usda.gov/mt

For the Week Ending:

Monthly: Nov-Mar

October 9, 2011

Weather Summary

Montana saw a continued trend of hot days and crisp nights for the week ending October 9. The high for the state of 93 degrees was recorded in Glendive, followed by Miles City with 92 degrees. The highs for other weather stations ranged from the upper 60s to lower 90s. Martinsdale saw the statewide low of 22 degrees for the state. Goldbutte received the greatest precipitation in the state for the week at 2.67 inches, with most other weather stations reporting 0.22 to 2.14 inches.

Both topsoil and subsoil adequate and surplus moisture conditions have declined significantly from last year. Topsoil moisture adequate and surplus is 53 percent, which is below both last year's 86 percent and the five-year average of 64 percent. Subsoil moisture adequate and surplus, at 45 percent, is below last year's 85 percent and the five-year average of 46 percent. The number of days suitable for fieldwork, at 4.6 days, was below both last week's 7.0 days and the five-year average of 5.2 days.

The weather outlook for October 18th through October 24th on the east side of the Divide is for above normal temperatures and below normal precipitation. West of the Divide can expect above normal temperatures and near normal precipitation. Normal temperatures for this period are highs mid 50s to lower 60s with lows in the lower 20s to upper 30s.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	12	35	1	8
Short	35	50	13	28
Adequate	51	15	77	60
Surplus	2	0	9	4
Subsoil Moisture				
Very Short	14	18	3	20
Short	41	45	12	34
Adequate	43	36	82	45
Surplus	2	1	3	1

Field Crops Report

Producers are finishing up this season's spring wheat harvest, which has progressed to 96% harvested. Harvest is ahead of last year's 89% harvested and slightly below the five-year average of 97% at this time. Seeding of winter wheat is at 73% planted. Emergence is currently both behind the last year and five-year averages with 30% reported as emerged. The moisture received across the state late in the week is encouraging for winter wheat development but has caused some delay in sugar beet harvest.

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Field Work				
Days	4.6	7.0	6.0	5.2

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Harvested				
Corn for Grain	6	5	7	6
Corn for Silage	86	70	78	89
Dry Beans	91	80	79	88
Sugar Beets	9	4	34	27
Durum Wheat	95	90	92	95
Spring Wheat	96	94	89	97
Planted				
Winter Wheat	73	59	79	85
Emerged				
Winter Wheat	30	11	41	42

Livestock Report

Range and pasture feed conditions were rated below last year but stayed above the five-year average. This week's good to excellent rating sits at 42%, below last year's 45% but above the five-year average at 28%. Movement of livestock from summer ranges continues and supplemental feedings have begun as cooler, wetter weather settled in at the end of the week.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	9	9	2	13
Poor	13	19	9	21
Fair	36	34	44	38
Good	32	31	37	24
Excellent	10	7	8	4
Livestock Moved From Summer Ranges				
Cattle and Calves	47	37	45	52
Sheep and Lambs	53	45	45	53
Livestock Receiving Supplemental Feed				
Cattle and Calves	4	0	n/a	n/a
Sheep and Lambs	4	0	n/a	n/a

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	0	0	0	1
Poor	2	2	2	2
Fair	32	35	20	16
Good	49	48	61	59
Excellent	17	15	17	22
Sugar Beets				
Very Poor	0	0	1	1
Poor	7	11	4	4
Fair	40	41	22	17
Good	40	35	58	53
Excellent	13	13	15	25

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 10/09/2011

Station ID	Temperature			GDDs		Precipitation								
	Hi	LOW	AVG	B50	DFN	This Week		April 1 to Date			October 1 to Date			
						Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM	
NORTHWEST														
Alberton	80	31	52	30	+20	1.18	+0.97	9.60	+1.24	115	20.76	+6.67	147	
Anaconda	80	27	50	24	+17	0.94	+0.73	11.17	+1.91	121	19.01	+5.36	139	
Clinton	80	29	52	26	+26	0.77	+0.56	8.79	+0.87	111	17.56	+2.15	114	
Corvallis	76	29	50	14	+3	1.01	+0.80	6.69	-1.02	87	11.96	+0.00	100	
Creston	71	31	49	10	+7	1.61	+1.33	12.38	+0.03	100	22.12	+1.57	108	
Deer Lodge	81	24	49	18	+15	0.61	+0.46	8.61	+0.23	103	11.48	+0.67	106	
Drummond	85	24	50	16	+10	0.43	+0.22	8.13	-0.24	97	14.13	+1.25	110	
Hamilton	78	28	51	23	+14	1.05	+0.86	8.27	+0.51	107	16.57	+3.02	122	
Kalispell	74	30	51	17	+16	1.17	+0.96	10.12	+0.43	104	19.74	+2.26	113	
Missoula	79	30	53	36	+26	0.95	+0.74	7.02	-1.34	84	15.15	+1.06	108	
Olney	71	27	47	3	+3	1.57	+1.29	14.66	+3.43	131	27.77	+4.74	121	
Polson	74	31	50	16	+3	1.71	+1.43	10.04	-0.04	100	20.02	+3.51	121	
St Ignatius	72	32	51	15	+4	1.94	+1.66	11.25	+0.55	105	20.99	+4.09	124	
Seeley Lake	80	29	51	21	+16	1.08	+0.80	10.80	+1.31	114	29.35	+8.33	140	
Sula	84	24	48	14	+14	1.69	+1.43	10.99	+0.68	107	16.60	+0.22	101	
Superior	80	34	52	29	+14	1.28	+1.07	7.34	-1.20	86	18.52	+1.67	110	
Swan Lake	74	31	49	10	+10	0.79	+0.37	10.41	-2.35	82	21.27	-8.01	73	
Thompson Falls	77	34	52	25	+6	1.41	+1.11	9.03	-0.94	91	24.01	+0.56	102	
West Glacier	74	29	49	5	+2	1.56	+1.14	17.14	+3.43	125	39.83	+10.55	136	
NORTH CENTRAL														
Chester	83	35	55	41	+31	1.22	+1.08	7.97	-0.41	95	14.26	+3.50	133	
Chinook	83	35	56	52	+43	0.80	+0.59	7.71	-2.57	75	11.48	-1.86	86	
Choteau	80	30	51	21	+5	0.96	+0.82	9.98	+1.25	114	12.91	+2.41	123	
Cut Bank	80	31	52	31	+27	1.75	+1.61	7.74	-2.52	75	9.81	-2.89	77	
Ft Assiniboine	87	36	56	49	+37	0.43	+0.22	10.90	+0.84	108	15.00	+1.71	113	
Fort Benton	89	31	55	47	+26	1.09	+0.88	13.86	+3.55	134	18.95	+4.99	136	
Goldbutte	80	33	52	26	+17	2.67	+2.46	11.59	+0.75	107	15.35	+1.39	110	
Harlem	85	36	56	53	+42	0.65	+0.46	12.36	+3.04	133	18.64	+6.86	158	
Havre	89	39	58	66	+55	0.07	-0.08	9.68	+1.12	113	14.49	+2.82	124	
Malta	85	39	61	79	+69	1.05	+0.84	13.01	+2.81	128	18.73	+5.58	142	
Rudyard	84	34	55	43	+32	0.80	+0.66	9.71	+1.50	118	14.91	+4.87	149	
Shelby	82	30	52	34	+25	2.14	+2.00	11.97	+2.67	129	15.21	+2.97	124	
Turner	82	35	58	63	+53	0.57	+0.42	14.22	+5.01	154	19.44	+7.98	170	
Valier	81	30	51	27	+12	2.09	+1.95	13.10	+2.99	130	15.66	+3.24	126	
NORTHEAST														
Bredette	82	34	57	56	+46	1.14	+0.93	18.26	+7.42	168	21.69	+8.44	164	
Culbertson	87	26	60	78	+67	0.25	+0.01	14.33	+3.11	128	19.40	+5.50	140	
Glasgow	88	36	63	91	+80	0.47	+0.26	16.95	+8.00	189	22.27	+10.77	194	
Glendive	93	36	64	101	+84	0.57	+0.29	18.65	+7.87	173	23.59	+9.61	169	
Jordan	88	33	61	85	+73	1.05	+0.82	13.63	+3.73	138	18.03	+4.82	136	
Nashua	88	33	60	78	+54	0.83	+0.62	15.08	+5.37	155	19.58	+7.59	163	
Opheim	82	27	53	41	+37	0.50	+0.29	13.42	+2.80	126	15.31	+2.56	120	
Plentywood	80	30	59	70	+61	0.84	+0.63	15.68	+5.01	147	24.15	+10.72	180	
St Marie	85	37	60	77	+66	0.74	+0.53	14.70	+5.75	164	17.09	+5.59	149	
Scobey	82	23	58	65	+60	1.60	+1.45	17.92	+7.49	172	20.18	+7.49	159	
Sidney	89	30	62	92	+75	0.30	+0.02	15.20	+4.00	136	21.54	+6.87	147	
Wolf Point	91	30	62	92	+77	0.88	+0.67	16.86	+7.25	175	19.13	+6.88	156	
CENTRAL														
Cascade	81	28	50	29	+22	0.84	+0.58	13.36	+2.08	118	18.03	+3.24	122	
Grass Range	84	38	56	46	+34	1.65	+1.43	20.51	+7.96	163	25.82	+9.01	154	
Great Falls	88	39	56	55	+44	1.85	+1.64	12.82	+2.03	119	19.22	+4.04	127	
Harlowton	84	30	55	49	+39	1.10	+0.89	19.25	+8.25	175	25.08	+10.73	175	
Helena	85	32	55	51	+41	0.33	+0.17	10.67	+2.26	127	14.77	+3.23	128	
Lewistown	84	33	55	55	+46	1.90	+1.62	18.26	+5.30	141	23.25	+5.04	128	
Martinsdale	86	22	51	26	+19	0.52	+0.31	13.13	+2.58	124	18.00	+4.14	130	
Neihart	82	32	52	29	+20	1.62	+1.27	19.78	+4.27	128	28.65	+6.77	131	
Rogers Pass	82	36	51	26	+18	1.65	+1.34	14.23	+1.23	109	19.72	+1.54	108	
Roundup	88	31	58	60	+40	1.64	+1.36	17.21	+6.86	166	21.63	+8.02	159	
Ryegate	85	31	56	58	+49	0.80	+0.59	13.77	+3.80	138	19.00	+5.86	145	
Stanford	86	35	54	43	+29	0.68	+0.41	16.72	+3.68	128	21.62	+4.14	124	
Townsend	85	29	54	38	+24	0.55	+0.41	7.19	-1.19	86	9.59	-1.26	88	
Valentine	87	34	58	63	+55	1.73	+1.54	18.69	+8.34	181	22.35	+8.60	163	
Wht Sulphur Spr	80	32	53	39	+33	0.49	+0.21	9.35	-0.64	94	13.13	-0.45	97	
SOUTHWEST														
Boulder	80	29	52	31	+24	0.36	+0.22	7.03	-1.84	79	9.41	-2.28	80	
Bozeman	81	31	53	40	+30	0.43	+0.08	12.00	+0.16	101	17.05	+0.23	101	
Butte	78	27	51	28	+28	0.36	+0.15	9.66	+0.36	104	12.76	-0.29	98	
Dillon	80	31	53	37	+29	0.35	+0.20	7.27	-0.66	92	9.64	-0.51	95	
Ennis	80	29	52	36	+27	0.43	+0.15	9.53	-0.52	95	13.94	+0.00	100	
Lakeview	70	32	48	18	+18	1.54	+1.19	10.80	-1.82	86	21.18	+1.22	106	
W Yellowstone	70	28	43	6	+6	0.65	+0.37	9.40	-1.33	88	27.10	+5.21	124	
Wisdom	74	23	45	6	+6	0.22	+0.01	8.29	+0.17	102	15.05	+2.88	124	
SOUTH CENTRAL														
Billings	86	36	60	77	+57	1.19	+0.87	16.77	+6.77	168	21.95	+6.76	145	
Cooke City	67	28	41	0	+0	0.64	+0.29	11.08	-2.89	79	25.05	-0.88	97	
Gardiner	77	34	53	38	+22	0.74	+0.53	12.31	+5.35	177	22.70	+12.57	224	
Hardin	86	35	59	67	+41	1.26	+0.91	15.64	+7.11	183	18.32	+5.80	146	
Huntley	91	32	60	71	+58	1.22	+0.93	16.04	+5.85	157	19.99	+5.43	137	
Hysham	85	32	59	67	+46	0.63	+0.32	18.92	+8.94	190	24.27	+10.38	175	
Joliet	86	28	56	53	+42	0.96	+0.55	15.60	+4.85	145	22.56	+6.28	139	
Livingston	84	27	55	53	+41	0.66	+0.37	11.58	-0.07	99	15.96	-0.16	99	
Nye	81	31	54	43	+28	1.12	+0.74	16.72	+3.05	122	22.64	+3.70	120	
Rapelje	85	30	55	45	+29	1.00	+0.69	13.32	+2.28	121	16.56	+0.84	105	
SOUTHEAST														
Albion	91	42	61	83	+74	0.67	+0.39	18.08	+6.47	156	23.78	+9.13	162	
Baker	91	41	63	91	+78	0.63	+0.31	13.33	+2.24	120	15.56	+0.45	103	
Broadus	89	41	60	75	+58	0.71	+0.42	15.98	+6.12	162	19.76	+5.80	142	
Ekalaka	86	31	57	58	+45	0.63	+0.21	21.11	+8.18	163	26.83	+9.04	151	
Miles City	92	35	64	105	+86	0.49	+0.21	17.52	+7.19	170	19.67	+5.82	142	
Plevna	91	40	59	70	+57	0.54	+0.22	14.72	+3.63	133	19.31	+4.20	128	