

# CROP-WEATHER REPORT



MONTANA  
AGRICULTURAL  
STATISTICS SERVICE

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For Week Ending: July 11, 2004

ISSUED: WEEKLY: Apr-Oct  
MONTHLY: Nov-Mar

## Agricultural Summary

There were 5.4 days suitable for fieldwork for the week ending July 11<sup>th</sup>. Broadus saw the most precipitation with 2.65 inches. Broadus also had Montana's highest temperature of 95 degrees. Montana's high temperatures were in the mid 80's to low 90's. Cascade had the state's coldest temperature of 31 degrees, while most of Montana had lows from the mid 30's to mid 40's. Montana's forecast for the week of July 19<sup>th</sup> through July 26<sup>th</sup> shows near normal temperatures and precipitation. Normal temperatures for this period range from highs in the mid 70's to upper 80's and lows from the lower 40's to the lower 60's.

### Soil Moisture Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Topsoil Moisture</b>				
Very Short	8	15	26	21
Short	29	30	40	39
Adequate	59	52	34	39
Surplus	4	3	0	1
<b>Subsoil Moisture</b>				
Very Short	27	31	28	29
Short	33	34	40	39
Adequate	40	35	32	31
Surplus	0	0	0	1

## Field Crops and Livestock Report

The warm and wet weather during the past week increased crop development and caused an improvement in crop conditions for almost all the small grains. **Winter wheat** is 99 percent headed with 42 percent turning color, which is significantly behind last year and the five-year average. **Spring wheat** is 85 percent boot stage, and 62 percent headed which is close to last year and the five-year average. **Durum wheat** is fully emerged, 49 percent boot stage, and 19 percent headed, which is significantly behind last year due to late plantings, which were caused by the abundance of wet weather. **Barley** is 94 percent boot stage and 70 percent headed which is slightly ahead of last year and the five-year average.

**Potato** conditions are above the five-year average, with ratings of 2 percent poor, 8 percent fair, 50 percent good, and 40 percent excellent. **Alfalfa** and **other hay** first cuttings are significantly behind last year due to the scattered rain showers across the state. **Sugar beet** conditions improved slightly this week, but are still down significantly from a year ago and the five-year average. **Corn** conditions continue to fall further below last year and the five-year average.

### Crop Stages Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat</b>				
Headed	99	97	98	98
Turning	42	20	80	64
<b>Spring Wheat</b>				
Boot Stage	85	71	91	86
Headed	62	40	65	62
<b>Durum Wheat</b>				
Emerged	100	95	100	N/A
Boot Stage	49	29	84	N/A
Headed	19	9	51	N/A
<b>Barley</b>				
Boot Stage	94	77	88	85
Headed	70	43	69	63
<b>Oats</b>				
Boot Stage	80	78	88	87
Headed	43	37	62	63
<b>Hay - First Cutting</b>				
Alfalfa Hay	63	45	84	69
Other Hay	46	32	65	51

**Range and pasture feed condition** improved slightly this week with help from the rain. Livestock movement to **summer ranges** is almost complete. Sheep and lambs are 98 percent moved.

### Livestock Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Range &amp; Pasture Feed Condition</b>				
Very poor	18	19	7	13
Poor	21	25	15	21
Fair	31	31	35	33
Good	25	23	37	27
Excellent	5	2	6	6
<b>Livestock Moved to Summer Ranges</b>				
Sheep & Lambs	98	97	100	100

### Crop Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
<b>Winter Wheat - Condition</b>				
Very Poor	4	4	4	12
Poor	7	11	9	22
Fair	22	29	31	34
Good	60	48	45	26
Excellent	7	8	11	6
<b>Spring Wheat - Condition</b>				
Very Poor	3	3	2	7
Poor	5	10	7	12
Fair	25	23	30	31
Good	61	58	56	42
Excellent	6	6	5	8
<b>Durum Wheat - Condition</b>				
Very Poor	3	3	2	N/A
Poor	13	16	3	N/A
Fair	30	36	16	N/A
Good	38	44	75	N/A
Excellent	16	1	4	N/A
<b>Barley - Condition</b>				
Very Poor	1	1	7	4
Poor	4	5	15	8
Fair	26	32	34	25
Good	57	50	36	48
Excellent	12	12	8	15
<b>Oats - Condition</b>				
Very Poor	10	7	2	5
Poor	10	15	5	8
Fair	29	40	25	28
Good	45	35	53	49
Excellent	6	3	15	10
<b>Sugar Beet - Condition</b>				
Very Poor	9	9	0	0
Poor	19	20	1	7
Fair	31	43	11	23
Good	34	24	42	43
Excellent	7	4	46	27
<b>Corn - Condition</b>				
Very Poor	6	6	1	0
Poor	21	17	1	2
Fair	47	51	12	25
Good	25	24	58	58
Excellent	1	2	28	15
<b>Dry Beans - Condition</b>				
Very Poor	1	0	0	0
Poor	11	10	1	3
Fair	44	46	15	25
Good	42	44	78	67
Excellent	2	0	6	5
<b>Potatoes - Condition</b>				
Very Poor	0	0	0	0
Poor	2	2	0	0
Fair	8	16	21	30
Good	50	50	49	49
Excellent	40	32	30	21

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

Compiled and Summarized by:  
Montana Agricultural Statistics Service

In conjunction with:  
MSU Extension Agents

USDA County Service Centers  
National Weather Service

**Weather Information Table For Week Ending 6:00 p.m. MST, July 10, 2004 1/**

STATION	TEMPERATURE PAST WEEK			PRECIPITATION						
	High	Low	Avg.	Past Week	April 1, 2004 to Date			October 1, 2003 to Date		
					Total 2/ In.	Normal 3/ Inches	% Normal	Total 2/ Inches	Normal 3/ Inches	% Normal
	Degrees			In.	Inches			Inches		
<b>NORTHWEST</b>										
Drummond	85	33	58	0.13	4.81	4.97	97	8.73	9.48	92
Hamilton	87	43	63	0.02	5.69	4.74	120	10.26	10.65	96
Kalispell	82	37	60	0.35	5.07	6.01	84	11.48	13.80	83
Libby	M	M	M	M	5.29	4.78	111	13.31	15.49	86
Missoula	89	40	64	0.00	6.82	5.12	133	11.45	10.85	106
Polson	83	41	61	0.41	5.70	6.21	92	10.85	12.64	86
Superior	84	34	62	0.19	6.75	5.14	131	12.10	13.45	90
Thompson Falls	M	M	M	M	M	M	M	M	M	M
West Glacier	82	39	61	0.82	M	M	M	M	M	M
<b>NORTHCENTRAL</b>										
Chester	83	38	62	0.08	4.05	5.15	79	5.38	7.53	71
Choteau	82	33	59	0.59	5.29	5.29	100	7.13	7.06	101
Conrad	M	M	M	M	M	M	M	M	M	M
Cut Bank	84	39	60	0.21	4.02	6.11	66	4.69	8.55	55
Ft. Benton	86	40	63	M	M	M	M	M	M	M
Gold Butte	81	36	59	0.36	6.39	6.37	100	9.78	9.49	103
Harlem	85	45	64	1.50	6.13	5.47	112	9.19	7.93	116
Havre	89	41	64	0.44	6.90	5.10	135	7.94	8.21	97
Malta	84	47	64	2.04	6.34	6.29	101	9.88	9.24	107
Shelby	86	37	60	M	M	M	M	M	M	M
Turner	80	45	62	2.20	9.43	5.51	171	13.73	7.76	177
Valier	81	45	61	0.37	4.42	6.22	71	6.41	8.53	75
<b>NORTHEAST</b>										
Culbertson	84	42	64	0.55	5.17	6.56	79	8.62	9.24	93
Glasgow	85	48	64	1.39	7.46	5.24	142	10.01	7.79	128
Glendive	93	48	71	0.86	6.19	6.33	98	8.88	9.53	93
Jordan	90	42	65	0.57	M	M	M	M	M	M
Plentywood	82	39	59	0.76	M	M	M	M	M	M
Scobey	80	41	60	0.81	7.17	6.26	115	11.13	8.52	131
Sidney	87	46	67	0.94	5.34	6.58	81	9.24	10.05	92
Wolf Point	85	43	63	1.19	6.77	5.63	120	10.69	8.27	129
<b>CENTRAL</b>										
Cascade	83	31	58	0.64	M	M	M	M	M	M
Flatwillow	92	42	67	0.49	5.12	6.62	77	11.98	10.08	119
Great Falls	85	41	61	0.26	7.37	6.64	111	8.42	11.03	76
Harlowton	91	40	63	0.09	5.77	6.79	85	8.17	10.14	81
Helena	85	46	65	0.70	5.83	4.94	118	7.52	8.07	93
Lewistown	83	39	61	0.20	6.55	7.91	83	10.18	13.16	77
Melstone	M	M	M	M	M	M	M	M	M	M
Roundup	94	44	68	0.59	4.92	6.31	78	7.61	9.57	80
Stanford	80	40	62	0.76	7.11	7.93	90	11.43	12.37	92
White Sulphur Spr	87	38	60	0.31	6.83	6.17	111	8.90	9.76	91
<b>SOUTHWEST</b>										
Anaconda	85	34	59	0.06	6.60	5.41	122	11.26	9.80	115
Belgrade	86	38	61	0.71	7.90	6.68	118	10.56	11.33	93
Bozeman MSU	84	38	61	1.17	8.95	8.59	104	15.58	15.03	104
Butte	81	35	58	0.03	5.76	5.58	103	7.23	9.33	77
Dillon	85	38	62	0.17	6.15	5.72	108	7.48	8.59	87
Ennis	87	40	63	0.24	4.71	6.21	76	9.25	10.10	92
Wisdom	78	28	54	0.02	5.80	4.87	119	9.72	8.92	109
<b>SOUTHCENTRAL</b>										
Billings	91	51	67	1.49	6.11	6.52	94	9.74	11.71	83
Gardiner	88	43	65	0.80	5.30	4.05	131	6.71	7.22	93
Hardin	94	49	70	0.49	4.97	5.38	92	7.99	9.37	85
Livingston	86	37	62	1.15	6.69	7.37	91	9.42	11.84	80
Rapelje	91	45	65	0.43	5.59	6.84	82	8.72	11.52	76
Red Lodge	81	40	59	1.36	6.07	9.95	61	8.80	19.14	46
<b>SOUTHEAST</b>										
Baker	88	51	66	1.20	5.03	6.89	73	8.25	10.63	78
Broadus	95	51	70	2.65	4.97	6.52	76	7.51	10.62	71
Ekalaka	92	49	67	0.33	3.13	8.31	38	7.48	13.17	57
Miles City	94	48	68	0.43	3.72	6.53	57	5.98	10.05	60

1/ Data from National Weather Service. 2/ May be revised weekly. 3/ For period 1971-2000. M-More than 25% of reporting days are missing.  
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