

CROP-WEATHER REPORT



MONTANA
AGRICULTURAL
STATISTICS SERVICE

10 W 15th St Suite 3100
Helena, MT 59626-0033
(406) 441-1240 or 1-800-835-2612
www.nass.usda.gov/mt/
nass-mt@nass.usda.gov

Issue: 04-24 (ISSN 0896-4734)
Released: 2:00 p.m., MST, August 23, 2004
For Week Ending: August 22, 2004

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

Agricultural Summary

There were 6.5 days suitable for fieldwork for the week. Temperatures were warmer than last week, with Montana's high temperatures mostly in the mid 80's to mid 90's. Superior had the state's highest temperature of 99 degrees, while Wisdom had the state's lowest temperature of 29 degrees. Precipitation was scattered throughout the state, with Missoula receiving the largest amount of rainfall at 1.24 inches. Montana's forecast for the week of August 30th through September 5th shows normal temperatures and near normal precipitation. Normal temperatures for this period range from highs in the 70's to lower 80's and lows from the middle 30's to the lower 50's.

Soil Moisture Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
Topsoil Moisture				
Very Short	31	32	76	46
Short	43	45	20	34
Adequate	24	23	4	19
Surplus	2	0	0	1
Subsoil Moisture				
Very Short	40	44	68	49
Short	41	38	27	35
Adequate	19	18	5	16
Surplus	0	0	0	0

Field Crops and Livestock Report

The scattered rainfall during the past week has delay spring wheat and durum wheat harvest in the Northeast part of the state. If the slow crop development and harvesting continues, the crop that is still out in the field could be in danger of frost damage. Also, crop conditions for the majority of the small grains are beginning to decline due to the lack of growing degree days and wet weather. **Winter wheat** is 98 percent ripe, and 81 percent harvested, which is behind last year and the five-year average. **Spring wheat** is 97 percent turning, 61 percent ripe, and 30 percent harvested, which is behind last year and the five-year average. **Durum wheat** is 97 percent headed, 65 percent turning, 18 percent ripe, and 5 percent harvested, which is significantly behind last year. **Barley** is 99 percent turning, 78 percent ripe, and 43 percent harvested, which is slightly behind last year and the five-year average. **Oats** are 97 percent turning, 69 percent ripe, and 37 percent harvested, which is behind last year and the five-year average. **Corn** and **Potatoes** conditions declined slightly this week, while **Sugar Beet** condition improved slightly. The second cutting of **Alfalfa hay** and **Other hay** is currently at 52 percent and 39 percent complete, respectively, behind last year's progress due to the wet weather.

Crop Stages Table

	This Week	Last Week	Last Year	5-yr. Avg.
Winter Wheat				
Ripe	98	95	100	99
Harvested	81	67	97	91
Spring Wheat				
Turning	97	93	99	97
Ripe	61	45	91	75
Harvested	30	14	67	47
Durum Wheat				
Headed	97	95	100	N/A
Turning	65	54	89	N/A
Ripe	18	15	67	N/A
Harvested	5	2	50	N/A
Barley				
Turning	99	95	98	97
Ripe	78	61	89	75
Harvested	43	25	72	52
Oats				
Turning	97	95	97	97
Ripe	69	46	88	78
Harvested	37	19	71	55
Corn				
Harvested for Silage	4	3	0	3
Hay - Second Cutting				
Alfalfa Hay	52	48	77	68
Other Hay	39	36	52	27

Range and pasture feed condition improved slightly this week, due to the wet weather.

Livestock Table

	This Week	Last Week	Last Year	5-yr. Avg.
Range & Pasture Feed Condition				
Very poor	18	24	32	24
Poor	24	23	32	30
Fair	37	30	24	27
Good	18	20	10	16
Excellent	3	3	2	3

Crop Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
Spring Wheat - Condition				
Very Poor	7	7	21	N/A
Poor	15	14	28	N/A
Fair	30	25	37	N/A
Good	38	45	12	N/A
Excellent	10	9	2	N/A
Durum Wheat - Condition				
Very Poor	9	8	16	N/A
Poor	19	17	21	N/A
Fair	23	19	40	N/A
Good	32	42	22	N/A
Excellent	17	14	1	N/A
Barley - Condition				
Very Poor	4	3	N/A	N/A
Poor	11	10	N/A	N/A
Fair	32	31	N/A	N/A
Good	40	42	N/A	N/A
Excellent	13	14	N/A	N/A
Oats - Condition				
Very Poor	10	7	11	N/A
Poor	15	12	18	N/A
Fair	36	43	29	N/A
Good	30	33	30	N/A
Excellent	9	5	12	N/A
Sugar Beet - Condition				
Very Poor	15	15	0	0
Poor	17	19	4	7
Fair	36	34	30	30
Good	26	28	34	43
Excellent	6	4	32	20
Corn - Condition				
Very Poor	6	8	0	1
Poor	16	14	8	6
Fair	36	37	32	30
Good	36	37	32	45
Excellent	6	4	28	18
Dry Beans - Condition				
Very Poor	1	1	6	3
Poor	11	14	15	8
Fair	38	40	40	44
Good	46	43	29	37
Excellent	4	2	10	8
Potatoes - Condition				
Very Poor	0	0	0	0
Poor	0	0	1	2
Fair	9	6	8	15
Good	46	43	83	58
Excellent	45	51	8	25

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. MDT, August 21, 2004 1/

STATION	TEMPERATURE PAST WEEK			PRECIPITATION						
				Past Week	April 1, 2004 to Date			October 1, 2003 to Date		
	High	Low	Avg.		Total 2/	Normal 3/	%	Total 2/	Normal 3/	%
	Degrees				In.	Inches		Normal	Inches	
NORTHWEST										
Drummond	93	45	69	0.09	6.35	6.62	96	10.27	11.13	92
Hamilton	92	49	71	0.32	6.49	6.19	105	11.27	12.10	93
Kalispell	93	48	72	0.18	6.24	7.82	80	12.63	15.61	81
Libby	M	M	M	M	M	M	M	M	M	M
Missoula	98	52	72	1.24	8.27	6.64	125	12.95	12.37	105
Polson	90	53	72	0.04	6.70	7.99	84	11.79	14.42	82
Superior	99	52	73	0.13	8.03	6.74	119	14.11	15.05	94
Thompson Falls	M	M	M	M	M	M	M	M	M	M
West Glacier	91	50	70	0.59	M	M	M	M	M	M
NORTHCENTRAL										
Chester	86	45	68	0.06	5.09	6.97	73	6.42	9.35	69
Choteau	87	48	67	0.85	M	M	M	M	M	M
Conrad	86	50	68	M	M	M	M	M	M	M
Cut Bank	85	50	67	0.38	5.28	8.34	63	5.95	10.78	55
Ft. Benton	90	47	69	M	M	M	M	M	M	M
Gold Butte	87	46	66	0.13	7.37	8.54	86	10.92	11.66	94
Harlem	86	42	65	0.00	7.04	7.39	95	10.10	9.85	103
Havre	90	48	67	0.01	7.62	6.93	110	8.66	10.04	86
Malta	85	45	68	0.00	7.83	8.35	94	11.37	11.30	101
Shelby	89	49	68	M	M	M	M	M	M	M
Turner	82	42	64	0.03	11.64	7.41	157	15.94	9.66	165
Valier	87	52	68	0.33	6.35	8.24	77	8.34	10.55	79
NORTHEAST										
Culbertson	84	37	63	0.00	7.40	8.97	82	10.85	11.65	93
Glasgow	86	44	65	0.03	8.88	7.30	122	11.42	9.85	116
Glendive	91	41	70	0.00	7.97	8.53	93	10.66	11.73	91
Jordan	90	40	65	M	M	M	M	M	M	M
Plentywood	83	35	63	0.05	M	M	M	M	M	M
Scobey	83	37	61	0.01	8.03	8.81	91	12.02	11.07	109
Sidney	86	41	66	0.00	6.11	8.92	68	10.05	12.39	81
Wolf Point	88	35	63	0.03	6.96	7.72	90	10.70	10.36	103
CENTRAL										
Cascade	M	M	M	M	M	M	M	M	M	M
Flatwillow	91	43	69	0.00	6.34	8.46	75	13.20	11.92	111
Great Falls	88	51	69	0.37	8.21	8.74	94	9.36	13.13	71
Harlowton	88	41	66	0.11	6.81	9.06	75	9.21	12.41	74
Helena	91	48	70	0.02	7.13	6.72	106	8.82	9.85	90
Lewistown	87	42	67	0.00	7.34	10.61	69	10.98	15.86	69
Meistone	91	48	71	0.00	M	M	M	M	M	M
Roundup	92	44	70	0.06	6.05	8.30	73	8.74	11.56	76
Stanford	85	48	68	0.00	7.53	10.63	71	12.04	15.07	80
White Sulphur Spr	87	41	66	0.22	8.19	8.01	102	10.26	11.6	88
SOUTHWEST										
Anaconda	92	45	67	0.32	7.87	7.38	107	12.55	11.77	107
Belgrade	91	44	66	0.63	9.78	8.26	118	12.43	12.91	96
Bozeman MSU	91	42	67	0.45	10.48	10.57	99	17.11	17.01	101
Butte	86	46	63	0.67	7.25	7.50	97	8.69	11.25	77
Dillon	87	46	65	0.17	7.32	7.33	100	8.74	10.20	86
Ennis	85	44	63	0.27	5.39	8.06	67	9.93	11.95	83
Wisdom	86	29	59	1.15	8.33	6.50	128	12.24	10.55	116
SOUTHCENTRAL										
Billings	90	52	70	0.00	6.62	7.97	83	10.23	13.16	78
Gardiner	92	47	66	0.28	6.53	5.47	119	7.93	8.64	92
Hardin	92	48	71	0.00	5.79	6.59	88	8.80	10.58	83
Livingston	89	43	66	0.16	7.81	9.34	84	10.54	13.81	76
Rapelje	89	46	69	0.19	6.86	8.87	77	9.99	13.55	74
Red Lodge	82	44	62	0.28	7.59	12.02	63	11.32	21.21	53
SOUTHEAST										
Baker	86	39	63	0.00	8.21	8.88	92	11.18	12.62	89
Broadus	89	41	68	0.03	7.08	8.16	87	9.29	12.26	76
Ekalaka	84	35	65	0.00	5.32	10.46	51	9.89	15.32	65
Miles City	93	43	69	0.00	5.00	8.41	59	7.23	11.93	61

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.
 Peggy Stringer, Director
 Stephen Brueske, Meteorologist-in-Charge
 National Weather Service - (406) 453-2081
 Dr. Douglas L. Steele, Director of Extension
 Montana State University