

CROP-WEATHER REPORT



MONTANA
AGRICULTURAL
STATISTICS SERVICE

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For Week Ending: May 23, 2004

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

Agricultural Summary

There were 3.2 days suitable for fieldwork for the week ending May 22nd. For the week, most of Montana saw highs in the middle 60's to middle 70's, Libby was the state's hot spot reaching 76 degrees. The lows for the state were mainly in the lower 30's to upper 30's with Plentywood at 23 degrees for the state low. Much needed precipitation was received throughout the state last week. Anaconda saw the most precipitation with 1.93 inches. The weather outlook for the week of May 31 to June 6 shows below normal temperatures and near normal precipitation for the entire state. Normal temperatures for this period range from lows in the middle 30's to 50's, and highs from the middle 60's to middle 70's.

Soil Moisture Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
Topsoil Moisture				
Very Short	17	28	2	19
Short	27	38	10	28
Adequate	50	33	77	49
Surplus	6	1	11	4
Subsoil Moisture				
Very Short	39	45	9	28
Short	33	37	22	32
Adequate	27	18	66	38
Surplus	1	0	3	2

Field Crops and Livestock Report

This past week Montana saw lower temperatures along with much appreciated rain and snow. The weather limited field work as well as plant development. Soil moisture levels improved but are still below last year and the five-year average.

Small grains are still progressing ahead of last year and the five-year average. **Dry beans** are progressing slower when compared to last year and the five-year average.

Corn progress was slowed due to snow and cool temperatures. **Alfalfa** was damaged by frost and insects in portions of eastern Montana.

snow, although some areas were damaged by freezing temperatures. **Spring Wheat** was also affected by freezing temperatures. Wheat crops are likely to recover from the freeze, but are expected to see later ripening and may affect yields.

Barley conditions remain unchanged from last week. **Oat** conditions also remain steady from last week.

Sugar beets in eastern Montana were hit with a hard freeze during the past two weeks forcing many producers to replant.

Crop Stages Table

	This Week	Last Week	Last Year	5-yr. Avg.
Winter Wheat				
Boot Stage	22	16	15	10
Spring Wheat				
Seeded	96	93	85	86
Emerged	75	51	53	54
Durum Wheat				
Seeded	78	68	53	22
Emerged	39	21	22	7
Barley				
Seeded	98	95	86	89
Emerged	90	74	57	58
Oats				
Seeded	93	83	72	80
Emerged	74	49	43	47
Sugar Beets				
Emerged	78	66	81	83
Corn				
Planted	75	52	82	75
Emerged	38	12	37	41
Dry Beans				
Planted	62	40	72	64
Emerged	25	2	39	22
Potatoes				
Planted	42	16	39	46
Emerged	5	0	4	10

Calving and lambing are right on schedule with 99 percent and 93 percent completed, compared to last year's 98 percent for cattle and 92 percent for sheep.

Range and pasture conditions are relatively unchanged from last week, and are significantly lower than both last year and the five-year average.

Livestock Table

	This Week	Last Week	Last Year	5-yr. Avg.
Calving Completed	99	97	98	98
Lambing Completed	93	90	92	90

Range & Pasture Feed Condition

	This Week	Last Week	Last Year	5-yr. Avg.
Very poor	27	23	1	16
Poor	34	34	13	18
Fair	27	26	30	30
Good	11	16	42	28
Excellent	1	1	14	8

Winter wheat conditions improved from last week due to rain and

Crop Condition Table

	This Week	Last Week	Last Year	5-yr. Avg.
Winter Wheat - Condition				
Very Poor	6	7	2	13
Poor	25	33	5	18
Fair	44	44	20	33
Good	22	15	52	29
Excellent	3	1	21	7
Spring Wheat - Condition				
Very Poor	1	N/A	N/A	N/A
Poor	8	N/A	N/A	N/A
Fair	41	N/A	N/A	N/A
Good	49	N/A	N/A	N/A
Excellent	1	N/A	N/A	N/A
Barley - Condition				
Very Poor	1	1	N/A	N/A
Poor	6	10	N/A	N/A
Fair	61	60	N/A	N/A
Good	28	27	N/A	N/A
Excellent	4	2	N/A	N/A
Oats - Condition				
Very Poor	3	5	N/A	N/A
Poor	11	11	N/A	N/A
Fair	58	58	N/A	N/A
Good	27	24	N/A	N/A
Excellent	1	2	N/A	N/A
Sugar Beet - Condition				
Very Poor	13	N/A	N/A	N/A
Poor	13	N/A	N/A	N/A
Fair	55	N/A	N/A	N/A
Good	18	N/A	N/A	N/A
Excellent	1	N/A	N/A	N/A

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, May 22, 2004 1/

STATION	TEMPERATURE PAST WEEK			PRECIPITATION							
	High	Low	Avg.	Past Week	April 1, 2004 to Date			October 1, 2003 to Date			
					Total 2/	Normal 3/	%	Total 2/	Normal 3/	%	
	Degrees			In.	Inches		Normal	Inches		Normal	
NORTHWEST											
Drummond	68	38	50	1.24	2.17	2.37	92	5.93	6.88	86	
Hamilton	70	38	52	0.89	2.86	2.29	125	6.49	8.20	79	
Kalispell	74	33	52	0.50	2.37	2.67	89	8.83	10.46	84	
Libby	76	34	51	1.66	3.21	2.21	145	13.22	12.92	102	
Missoula	67	40	52	1.44	4.17	2.47	169	9.13	8.20	111	
Polson	69	36	53	0.92	3.29	2.98	110	8.02	9.41	85	
Superior	71	40	56	1.61	4.47	2.51	178	10.21	10.82	94	
Thompson Falls	M	M	M	M	M	M	M	M	M	M	
West Glacier	71	35	55	0.25	M	M	M	M	M	M	
NORTH CENTRAL											
Chester	71	31	52	1.20	2.11	1.97	107	3.50	4.35	80	
Choteau	67	28	48	0.44	2.16	2.14	101	3.88	3.91	99	
Conrad	M	M	M	M	M	M	M	M	M	M	
Cut Bank	67	31	47	0.92	2.15	2.48	87	2.81	4.92	57	
Ft. Benton	71	31	52	M	M	M	M	M	M	M	
Gold Butte	71	32	48	0.76	2.53	2.64	96	5.22	5.76	91	
Harlem	68	30	51	1.26	1.69	2.12	80	3.93	4.58	86	
Havre	72	29	51	1.47	2.74	2.18	126	3.78	5.29	71	
Malta	73	34	55	0.86	2.29	2.49	92	5.83	5.44	107	
Shelby	M	M	M	M	1.31	2.02	65	2.77	4.55	61	
Turner	70	33	51	1.73	2.82	1.79	158	6.92	4.04	171	
Valier	66	35	49	0.99	2.58	2.51	103	4.57	4.82	95	
NORTHEAST											
Culbertson	72	25	53	0.91	2.43	2.39	102	5.10	5.07	101	
Glasgow	72	35	53	0.42	1.86	1.97	94	5.30	4.52	117	
Glendive	75	37	57	0.58	1.30	2.65	49	4.11	5.85	70	
Jordan	73	31	51	M	0.01	2.53	0	1.95	5.84	33	
Plentywood	71	23	49	M	M	M	M	M	M	M	
Scobey	71	24	50	0.51	1.99	2.05	97	4.59	4.31	106	
Sidney	74	31	54	0.73	1.45	2.50	58	4.97	5.97	83	
Wolf Point	72	29	52	0.64	2.15	1.99	108	5.03	4.63	109	
CENTRAL											
Cascade	65	30	47	0.75	M	M	M	M	M	M	
Flatwillow	73	35	53	0.77	1.53	3.06	50	4.48	6.52	69	
Great Falls	68	29	49	1.08	2.41	3.20	75	3.46	7.59	46	
Harlowton	64	33	49	1.71	2.66	2.88	92	5.20	6.23	83	
Helena	67	40	51	1.26	3.22	2.17	148	4.87	5.30	92	
Lewistown	65	34	47	0.93	2.05	3.45	59	5.68	8.70	65	
Melstone	74	36	53	1.14	M	M	M	M	M	M	
Roundup	74	35	52	0.63	1.45	2.95	49	4.10	6.21	66	
Stanford	64	34	48	1.57	2.45	3.56	69	6.70	8.00	84	
White Sulphur Spr	60	35	47	1.61	2.74	2.81	98	4.38	6.40	68	
SOUTHWEST											
Anaconda	67	37	48	1.93	3.55	2.48	143	7.88	6.87	115	
Belgrade	63	33	49	1.58	3.02	3.17	95	5.67	7.82	73	
Bozeman MSU	65	31	50	0.92	2.93	4.35	67	8.86	10.79	82	
Butte	59	33	46	1.59	3.17	2.45	129	4.60	6.20	74	
Dillon	62	36	48	1.90	3.23	2.82	115	4.47	5.69	79	
Ennis	63	35	50	1.06	1.97	2.85	69	5.38	6.74	80	
Wisdom	62	34	46	1.76	3.41	2.19	156	7.29	6.24	117	
SOUTH CENTRAL											
Billings	73	40	52	0.27	2.00	3.50	57	5.45	8.69	63	
Gardiner	66	36	51	1.36	1.76	1.82	97	3.19	4.99	64	
Hardin	73	42	56	1.02	1.38	2.78	50	5.24	6.77	77	
Livingston	63	30	48	0.76	2.25	3.59	63	4.92	8.06	61	
Rapelje	70	34	50	1.46	2.41	3.57	68	4.84	8.25	59	
Red Lodge	59	32	47	0.54	2.36	5.69	41	M	M	M	
SOUTHEAST											
Baker	72	32	53	0.89	1.48	2.88	51	3.81	6.62	58	
Broadus	73	39	56	1.01	1.32	3.19	41	3.76	7.29	52	
Ekalaka	69	34	51	0.64	1.14	3.76	30	5.16	8.62	60	
Miles City	75	40	55	0.25	0.34	2.95	12	2.60	6.47	40	

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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