



Crop Progress and Condition

Week Ending April 15, 2007

Agricultural Summary

A cold, rainy week with 2.0 **days suitable for fieldwork** kept farmers out of fields. **Spring tillage** advanced only 3 percentage points over last week to 48 percent complete, 4 days behind last year and 6 days behind the 5-year average. Warmer and drier weather is needed for fieldwork, but also to assess the crop damage from last week's freeze. Early evaluations have the worst damage to fruit and nut crops, with a total loss expected in some areas. The extent of damage to the wheat crop is still highly uncertain, with early estimates ranging from mild to severe depending on location. Some corn will need to be replanted, while pasture and alfalfa growth has been nonexistent since the freeze. **Topsoil moisture** is rated 2 percent very short, 4 percent short, 72 percent adequate, and 22 percent surplus.

Field Crops Report

Corn planting is 18 percent complete, about 1 week behind last year and the normal pace of 41 percent. It appears more fields will need to be replanted than initially thought, especially in the west-central, southwest, and southeast districts where most of the early planting occurred. Corn emerged is at 5 percent, over 1 week behind last year and 3 days behind the 5-year average. **Sorghum** planting progress remained quite slow, although the state's completion rate of 4 percent is still slightly ahead of normal. **Rice** planting has been slowed by rain in the Bootheel, where 7 percent of the crop is planted, 10 days behind last year and 4 days behind normal. **Winter wheat** condition declined markedly to 20 percent very poor, 37 percent poor, 33 percent fair, 10 percent good, and 0 percent excellent, a decrease of 36 points in the good to excellent categories from last week. A few reporters have already seen farmers plowing up fields to go into another crop, but most are still waiting for a clearer picture of the damage. It appears the far northwest corner of the state received little to no damage since the wheat was not as far along in maturity. Most other areas, however, will likely have moderate to severe damage. Reporters estimate **alfalfa** and **other hay** yields will be cut moderately. Pockets of more severe damage are showing up as browning grasses and blackened alfalfa. Fescue seed production may be cut substantially.

Pasture & Livestock

Pasture condition is reported as 9 percent very poor, 29 percent poor, 44 percent fair, 17 percent good, and 1 percent excellent, a drop of 13 points in good to excellent. Producers are having to draw on already short hay supplies to feed cattle that have been pulled off dormant pastures.

Weather Summary

Temperatures were substantially below normal for the third straight week, generally ranging from 10 to 13 degrees under the long term average. A few central locations were 15 to 16 degrees below normal. **Rainfall** averaged 1.79 inches for the week. All districts received at least an inch, ranging from 1.09 in the north-central to 2.58 in the west-central.

Weather Data

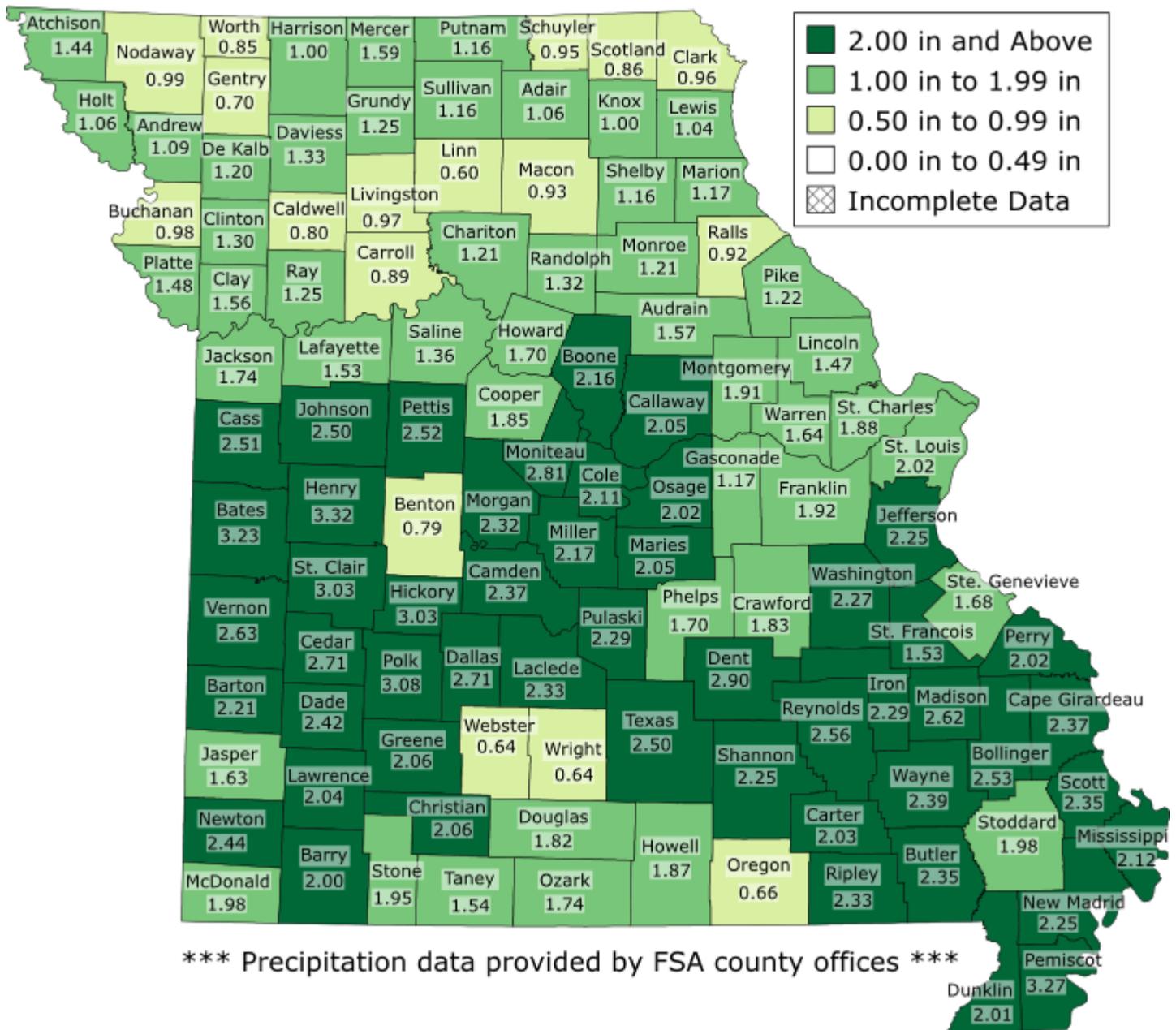
Hourly and daily weather data from stations throughout the state is available at the [Missouri Historical Agricultural Weather Database](http://agebb.missouri.edu/weather/history/).

<http://agebb.missouri.edu/weather/history/>

District Summaries As Of April 15, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	2.0	1.2	1.9	1.4	1.6	1.5	2.3	3.3	4.1	2.5
Last Year	4.9	4.8	3.9	4.8	6.1	5.4	3.7	6.6	5.9	4.6
Topsoil Moisture Supply										
Very Short	2	0	0	1	0	0	1	7	6	0
Short	4	4	2	2	0	2	3	8	17	0
Adequate	72	86	62	53	55	83	74	62	77	84
Surplus	22	10	36	44	45	15	22	23	0	16
Ground Worked Spring Tillage, Percent										
This Year	48	53	39	19	58	35	50	58	63	82
Last Year	59	61	54	50	75	65	43	74	55	61
Normal	60									
Corn Planted, Percent										
This Year	18	2	10	2	19	6	13	25	20	68
Last Year	45	27	52	35	64	51	19	82	15	73
Normal	41									
Corn Emerged, Percent										
This Year	5	0	1	0	1	0	4	0	16	25
Normal	8									
Rice Planted, Percent										
This Year	7									7
Last Year	40									40
Normal	16									
Rice Emerged, Percent										
This Year	1									1
Last Year	3									3
Normal	1									
Sorghum Planted, Percent										
This Year	4	3	0	0	0	5	1	0	3	26
Last Year	5	1	0	0	13	0	1	8	0	14
Normal	3									
Winter Wheat Headed and Beyond, Percent										
This Year	2	0	4	0	0	0	0	0	11	5
Last Year	2	0	0	0	1	0	1	3	1	3
Normal	1									
Winter Wheat Condition										
Very Poor	20	25	9	36	28	16	11	7	46	21
Poor	37	30	37	8	43	39	27	25	37	48
Fair	33	38	41	37	23	41	52	38	14	26
Good	10	6	13	18	6	3	10	30	3	5
Excellent	0	1	0	1	0	1	0	0	0	0
Pasture Condition										
Very Poor	9	27	11	28	5	4	8	2	6	0
Poor	29	34	33	27	16	26	11	23	47	15
Fair	44	27	35	37	54	46	51	70	36	50
Good	17	10	20	7	25	20	30	5	11	30
Excellent	1	2	1	1	0	4	0	0	0	5
Average Precipitation	1.79	1.14	1.09	1.11	2.58	2.17	1.81	2.08	1.96	2.34

Precipitation for Week Ending April 15, 2007



Precipitation for Four Weeks Ending April 15, 2007

