



Crop Progress and Condition

Week Ending October 7, 2007

Agricultural Summary

Farmers again made steady progress during the week with the row crop harvest and wheat planting. Light to moderate rain fell in nearly every county, but abnormally warm weather quickly dried soils enough to limit harvest downtime. The moisture and warmth promoted pasture growth in many areas, while also providing good conditions for wheat germination. **Topsoil moisture** rates 24 percent very short, 36 percent short, 38 percent adequate, and 2 percent surplus. There was general improvement in topsoil moisture among the western districts, while the southeast deteriorated. **Subsoil moisture** rates 22 percent very short, 40 percent short, and 38 percent adequate. There were 5.8 **days suitable for fieldwork**.

Field Crops Report

Corn harvest is 81 percent complete, nearly even with last year and 6 days ahead of the 5-year average of 76 percent. Ninety-four percent of the **soybean** crop is turning color, about 5 days behind last year and normal. Eighty-one percent is dropping leaves, 3 days behind last year and 2 days behind normal. Sixty-six percent is mature, 1 point behind last year at this time but slightly ahead of average. Harvest is 31 percent complete, marginally behind last year but about 1 day ahead of the 5-year average of 28 percent. Yield reports are highly variable even within counties. Soybean condition is rated 10 percent very poor, 19 percent poor, 34 percent fair, 30 percent good, and 7 percent excellent. Eighty-two percent of the **sorghum** crop has reached maturity, 8 days behind last year and 6 days behind normal. Harvest is 46 percent complete, 8 days behind last year and 1 week behind normal. Sorghum condition is rated 3 percent very poor, 9 percent poor, 46 percent fair, 38 percent good, and 4 percent excellent. **Rice** harvest is 88 percent complete, 1 week ahead of last year and 11 days ahead of normal. **Cotton** harvest is 65 percent complete, over 4 weeks in front of last year and more than 3 weeks ahead of the 5-year average. **Winter wheat** is 19 percent planted, 3 days behind last year and about 1 day behind normal. Emergence is at 6 percent, the same as average.

Pasture & Livestock

Pasture condition is rated 28 percent very poor, 22 percent poor, 32 percent fair, 17 percent good, and 1 percent excellent, nearly the same as last week. **Hay supply** is estimated as 13 percent very short, 28 percent short, 55 percent adequate, and 4 percent surplus, 13 percentage points better than last year at this time in the adequate and surplus categories. **Stock water supply** is rated 8 percent very short, 22 percent short, 69 percent adequate, and 1 percent surplus, 27 points better than last year in adequate and surplus. While hay and livestock water supplies are improved over last year at the state level, some areas are still struggling, especially in the three eastern districts as well as some counties in the south-central.

Weather Summary

Average **temperatures** were well above normal by 10 to 13 degrees. **Rainfall** averaged 0.81 inches. District totals fell in a range of about three-quarters to one and one-quarter inches, except the south-central district at 0.43 and the southeast at 0.01.

Audio Commentary

Weekly Crop Progress and Condition Audio Commentary by State Director Gene Danekas is available on the [Missouri Field Office Audio Publications page](#).

http://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Audio/

Weather Data

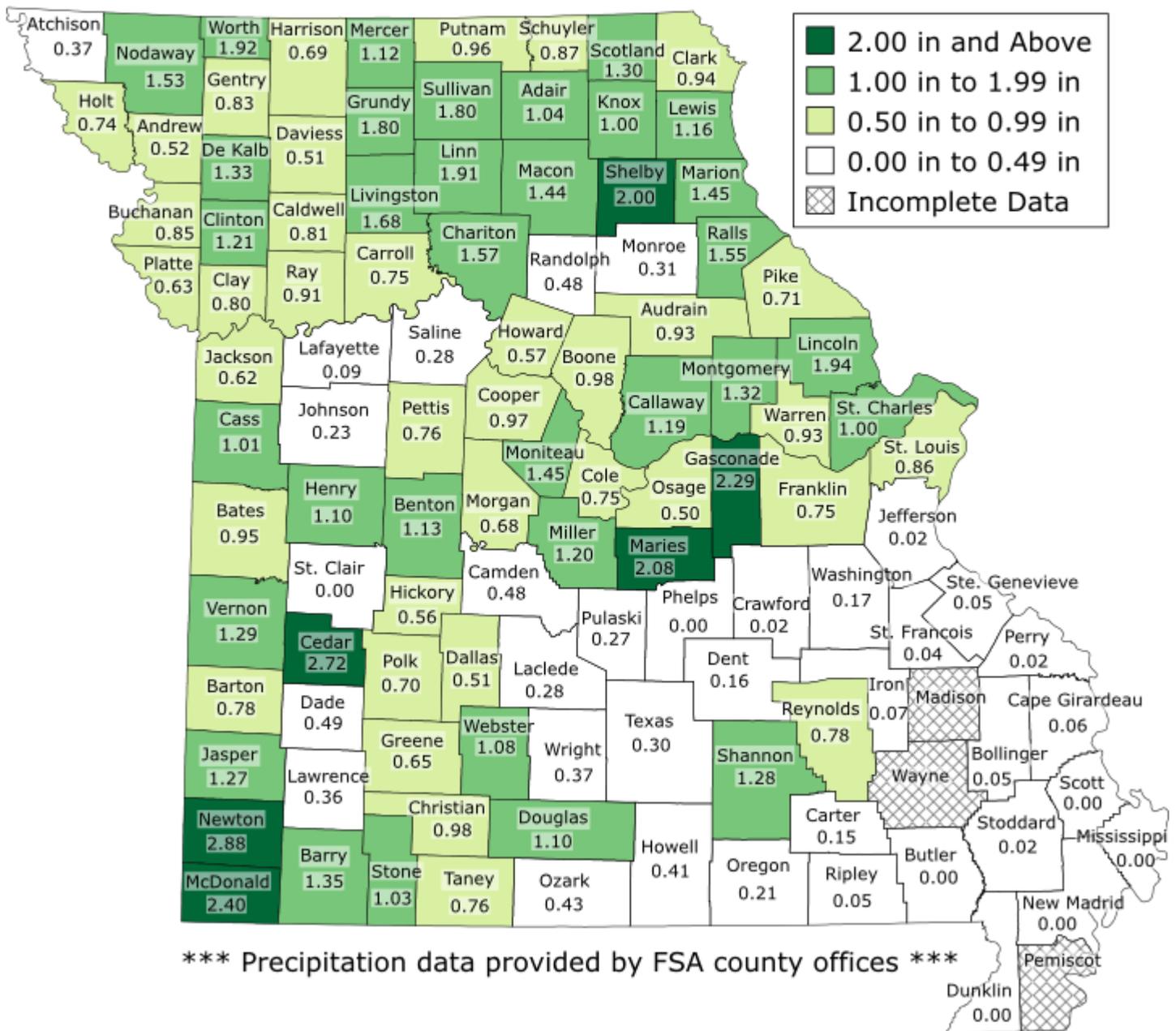
Hourly and daily weather data from stations throughout the state is available at the [Missouri Historical Agricultural Weather Database](#).

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

District Summaries As Of October 7, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	5.8	5.8	4.9	5.7	5.4	5.7	6.1	6.2	6.6	6.7
Last Year	6.9	6.8	6.8	6.7	6.9	7.0	6.8	6.9	7.0	6.8
Topsoil Moisture Supply										
Very Short	24	0	12	37	16	36	36	4	20	51
Short	36	33	40	48	38	28	45	10	56	39
Adequate	38	66	43	15	46	33	19	81	24	10
Surplus	2	1	5	0	0	3	0	5	0	0
Subsoil Moisture Supply										
Very Short	22	1	18	38	7	28	45	1	2	54
Short	40	32	33	51	55	35	35	21	85	24
Adequate	38	66	49	11	38	37	20	78	11	22
Surplus	0	1	0	0	0	0	0	0	2	0
Corn Harvested, Percent										
This Year	81	56	78	69	92	94	96	84	98	99
Last Year	82	54	74	76	99	95	89	99	89	96
Normal	76									
Soybeans Harvested, Percent										
This Year	31	17	36	35	20	32	47	3	27	36
Last Year	33	26	36	47	26	47	30	4	10	29
Normal	28									
Sorghum Harvested, Percent										
This Year	46	48	37	45	45	32	51	24	63	97
Last Year	61	53	34	51	86	51	53	93	46	71
Normal	59									
Winter Wheat Planted, Percent										
This Year	19	17	22	29	19	20	24	15	37	14
Last Year	26	23	26	34	19	29	46	19	53	22
Normal	22									
Soybean Condition										
Very Poor	10	1	2	8	4	20	18	0	9	22
Poor	19	8	10	25	8	15	33	4	16	41
Fair	34	34	39	29	46	32	39	51	27	22
Good	30	38	40	33	36	33	10	42	34	8
Excellent	7	19	9	5	6	0	0	3	14	7
Sorghum Condition										
Very Poor	3	0	3	1	1	1	4	0	25	8
Poor	9	2	5	9	2	10	14	4	28	21
Fair	46	23	51	35	36	53	63	64	27	34
Good	38	65	37	50	47	36	18	29	17	33
Excellent	4	10	4	5	14	0	1	3	3	4
Supply of Hay and Other Roughages										
Very Short	13	14	6	25	1	8	39	0	31	75
Short	28	38	29	43	22	27	41	8	38	10
Adequate	55	46	61	29	67	64	20	85	31	15
Surplus	4	2	4	3	10	1	0	7	0	0
Stock Water Supplies										
Very Short	8	1	3	14	1	5	40	0	13	71
Short	22	25	17	31	14	25	33	4	41	7
Adequate	69	71	79	49	85	70	27	96	45	22
Surplus	1	3	1	6	0	0	0	0	1	0
Pasture Condition										
Very Poor	28	3	10	54	14	31	44	4	70	89
Poor	22	17	39	30	22	19	24	14	18	9
Fair	32	48	34	14	50	23	32	47	11	2
Good	17	29	16	1	14	25	0	31	1	0
Excellent	1	3	1	1	0	2	0	4	0	0
Average Precipitation	0.81	0.91	1.28	1.14	0.89	0.77	0.72	1.22	0.43	0.01

Precipitation for Week Ending October 7, 2007



Precipitation for Four Weeks Ending October 7, 2007

