



Crop Progress and Condition

Week Ending September 30, 2007

Agricultural Summary

Most counties received light to moderate rainfall during the week, but farmers still had 5.8 **days suitable for fieldwork** to harvest corn, soybeans, milo, cotton, and rice, as well as plant winter wheat. The rain was a slight help to pasture conditions in some areas, particularly the southwest district. However, the three eastern districts are in desperate need of rain to improve pasture conditions and stock water supplies. More rain is also needed for good wheat germination. **Topsoil moisture** rates 23 percent very short, 39 percent short, 37 percent adequate, and 1 percent surplus, a modest improvement from last week.

Field Crops Report

The **corn** crop is mature with the exception of a few fields in the three northern districts. Harvest is 69 percent complete, the same as last year and 3 days ahead of the 5-year average of 64 percent. Progress ranges from 35 percent complete in the northwest to 97 percent in the southeast. Yields are reported as highly variable across northern counties, depending on wind damage and summer moisture. Irrigated fields in the Bootheel produced average yields. Eighty-nine percent of the **soybean** crop is turning color, with 68 percent dropping leaves, both slightly behind last year and average. Forty-three percent is mature, marginally ahead of last year and normal. Harvest is 14 percent complete, compared with 10 percent last year and 12 percent as the 5-year average. Initial yields are above average in the northwest. However, it appears dryness stressed soybeans in northeastern and east-central counties, cutting yields to levels below average in many areas. Dryland soybean yields in the Bootheel are very poor, with some double-crop beans not worth harvesting. Even some irrigated fields are well below average. Soybean condition is rated 11 percent very poor, 17 percent poor, 37 percent fair, 28 percent good, and 7 percent excellent. **Sorghum** turning color is at 93 percent, 10 days behind normal, while 67 percent is mature, 1 week behind average. Harvest is 33 percent complete, about 1 week behind last year and normal. Sorghum condition is rated 3 percent very poor, 10 percent poor, 44 percent fair, 39 percent good, and 4 percent excellent. **Rice** harvest is 80 percent complete, 1 week ahead of last year and 10 days ahead of normal. **Cotton** harvest is 46 percent complete, 18 days ahead of last year 16 days ahead of the 5-year average. Irrigated yields have been good to excellent, but dryland yields poor. Cotton condition is rated 9 percent very poor, 23 percent poor, 24 percent fair, 34 percent good, and 10 percent excellent. **Winter wheat** is 9 percent planted and 2 percent emerged, both even with normal.

Pasture & Livestock

Pasture condition is rated 23 percent very poor, 25 percent poor, 35 percent fair, 16 percent good, and 1 percent excellent, a slight improvement from last week. Hay and livestock water shortages were reported in the east-central district as well as the eastern part of the south-central district. Pasture reseeding occurred in the northeast and central districts. Pike County in the northeast reported livestock producers planning to seed wheat or rye fields for fall grazing.

Weather Summary

Temperatures averaged mostly 7 to 9 degrees above normal during the week. **Rainfall** averaged 0.80 inches, ranging from 0.32 inches in the east-central district to 1.73 in the southeast. High winds and hail were reported in parts of the central district.

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

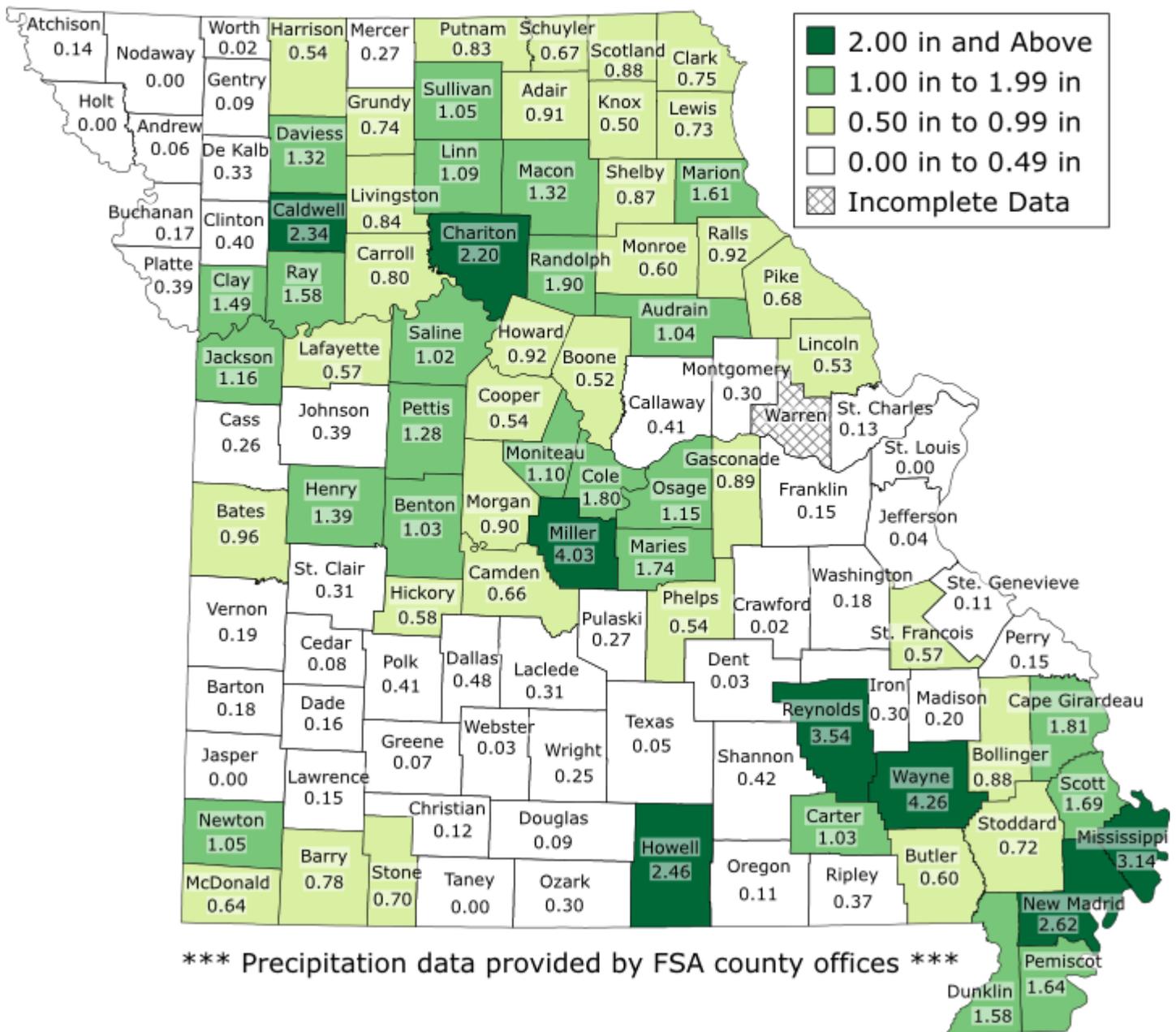
Hourly and daily weather data from stations throughout the state is available at the [Missouri Historical Agricultural Weather Database](#).

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

District Summaries As Of September 30, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	5.8	5.7	5.6	6.1	6.2	6.0	6.7	6.6	6.0	4.3
Last Year	6.3	6.7	6.6	6.8	6.8	6.9	6.2	7.0	6.1	3.1
Topsoil Moisture Supply										
Very Short	23	1	10	40	17	38	49	3	18	39
Short	39	37	51	55	45	32	33	22	40	38
Adequate	37	61	39	5	38	27	18	69	42	23
Surplus	1	1	0	0	0	3	0	6	0	0
Corn Harvested, Percent										
This Year	69	35	63	62	83	91	94	73	85	97
Last Year	69	31	62	57	95	90	72	98	77	92
Normal	64									
Soybeans Mature, Percent										
This Year	43	32	45	55	24	55	64	2	36	49
Last Year	39	43	42	45	32	34	44	8	20	36
Normal	41									
Soybeans Harvested, Percent										
This Year	14	9	13	17	6	18	27	0	10	22
Last Year	10	4	10	12	8	12	14	1	6	14
Normal	12									
Sorghum Harvested, Percent										
This Year	33	27	19	30	29	16	42	15	52	94
Last Year	48	32	23	40	78	36	31	90	18	54
Normal	46									
Winter Wheat Planted, Percent										
This Year	9	12	8	14	11	12	12	8	26	5
Last Year	11	11	7	8	14	13	23	9	36	9
Normal	9									
Soybean Condition										
Very Poor	11	2	6	8	4	20	17	10	26	26
Poor	17	11	10	26	8	18	30	16	30	30
Fair	37	39	38	36	46	32	42	29	27	27
Good	28	32	39	26	36	30	11	33	11	11
Excellent	7	16	7	4	6	0	0	12	6	6
Sorghum Condition										
Very Poor	3	0	3	1	1	0	4	0	12	11
Poor	10	5	14	12	2	10	13	4	14	22
Fair	44	36	48	33	37	51	62	58	22	32
Good	39	52	33	51	47	39	20	32	50	33
Excellent	4	7	2	3	13	0	1	6	2	2
Pasture Condition										
Very Poor	23	3	9	56	13	29	45	6	41	92
Poor	25	22	42	29	23	23	26	14	21	7
Fair	35	43	36	14	50	27	29	43	27	1
Good	16	29	13	1	13	19	0	33	11	0
Excellent	1	3	0	0	1	2	0	4	0	0
Average Precipitation	0.80	0.59	1.05	0.86	0.59	0.98	0.32	0.39	0.84	1.73

Precipitation for Week Ending September 30, 2007



Precipitation for Four Weeks Ending September 30, 2007

