



## Crop Progress and Condition

Week Ending July 31, 2011

### Agricultural Summary

Spotty precipitation provided little relief as high temperatures baked the state, drying crops and pastures. There were 6.3 **days suitable for fieldwork** statewide. Although **topsoil moisture** improved 2 points from last week in the adequate category to 31 percent very short, 38 percent short, 29 percent adequate, and 2 percent surplus, this was hardly enough to improve or halt declining conditions for corn, soybeans, sorghum, and pastures. Topsoil moisture in 7 of the 9 crop districts was greater than 75 percent short and very short. **Subsoil moisture supply** was 22 percent very short, 37 percent short, 39 percent adequate, and 2 percent surplus.

### Field Crops Report

**Corn** silked and beyond was 92 percent, 1 day ahead of last year, and 2 days head of normal (5-year historic average). Corn in the dough stage and beyond was 47 percent, 2 days behind last year, but 1 day ahead of normal. Corn dented was 12 percent, 2 days ahead of last year, and 1 day ahead of normal. Corn condition was 13 percent very poor, 15 percent poor, 26 percent fair, 38 percent good, and 8 percent excellent. The southwest district suffered from the continued heat reporting 84 percent very poor which is defined as extreme degree of loss to yield potential, complete or near crop failure. **Soybeans** blooming and beyond were 66 percent, 1 day ahead of last year, and 3 days ahead of normal. Soybeans setting pods and beyond were 26 percent, 1 day behind last year, but 1 day ahead of normal. Soybean condition was 5 percent very poor, 14 percent poor, 34 percent fair, 40 percent good, and 7 percent excellent. Soybean condition in the southwest district was 91 percent poor defined as heavy degree of loss of yield potential. **Cotton** squaring and beyond was nearly complete, 8 days behind last year, but the same as normal. Cotton setting bolls and beyond was 74 percent, 9 days behind last year, and 5 days behind normal. Unaffected by dry weather due to irrigation, cotton condition improved 2 points from last week in the good category to 4 percent very poor, 8 percent poor, 29 percent fair, 55 percent good, and 4 percent excellent. **Rice** development continued behind historic averages due to the late planting with only 10 percent headed, 18 days behind last year, and 2 weeks behind normal. Rice condition remained the same as last week at 3 percent very poor, 6 percent poor, 20 percent fair, 49 percent good, and 22 percent excellent. **Sorghum** headed and beyond was 29 percent, 11 days behind last year, and 10 days behind normal. Sorghum turning color and beyond was 2 percent, 15 days behind last year, and 11 days behind normal. Sorghum condition was 1 percent very poor, 10 percent poor, 49 percent fair, 38 percent good, and 2 percent excellent. **Alfalfa hay** 2nd cutting was 96 percent complete, 13 days ahead of last year, and 10 days ahead of normal. Alfalfa hay 3rd cutting was 35 percent done, 1 day behind last year, but 3 days ahead of normal. **Other hay** cut moved 1 point from last week to 95 percent complete, 1 week ahead of last year, and 6 days ahead of normal.

### Pasture & Livestock

**Pasture condition** continued to decline with 12 percent very poor, 28 percent poor, 37 percent fair, 22 percent good, and 1 percent excellent. **Hay and other roughage supply** was 5 percent very short, 23 percent short, 69 percent adequate, and 3 percent surplus. Some producers in the west-central, central, southwest, and south-central districts started to feed hay. **Stock water supplies** were 2 percent very short, 19 percent short, 77 percent adequate, and 2 percent surplus.

### Weather Summary

**Precipitation** averaged 0.66 of an inch statewide although Andrew and Livingston Counties received more than 3 inches. **Temperatures** were 3 to 4 degrees above average in the southeast district with the rest of the state 6 to 10 degrees above normal.

#### Audio Commentary

Weekly Crop Progress and Condition Audio Commentary by State Director Gene Danekas is available at:

[http://www.nass.usda.gov/Statistics\\_by\\_State/Missouri/Publications/Audio/](http://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Audio/)

#### Weather Data

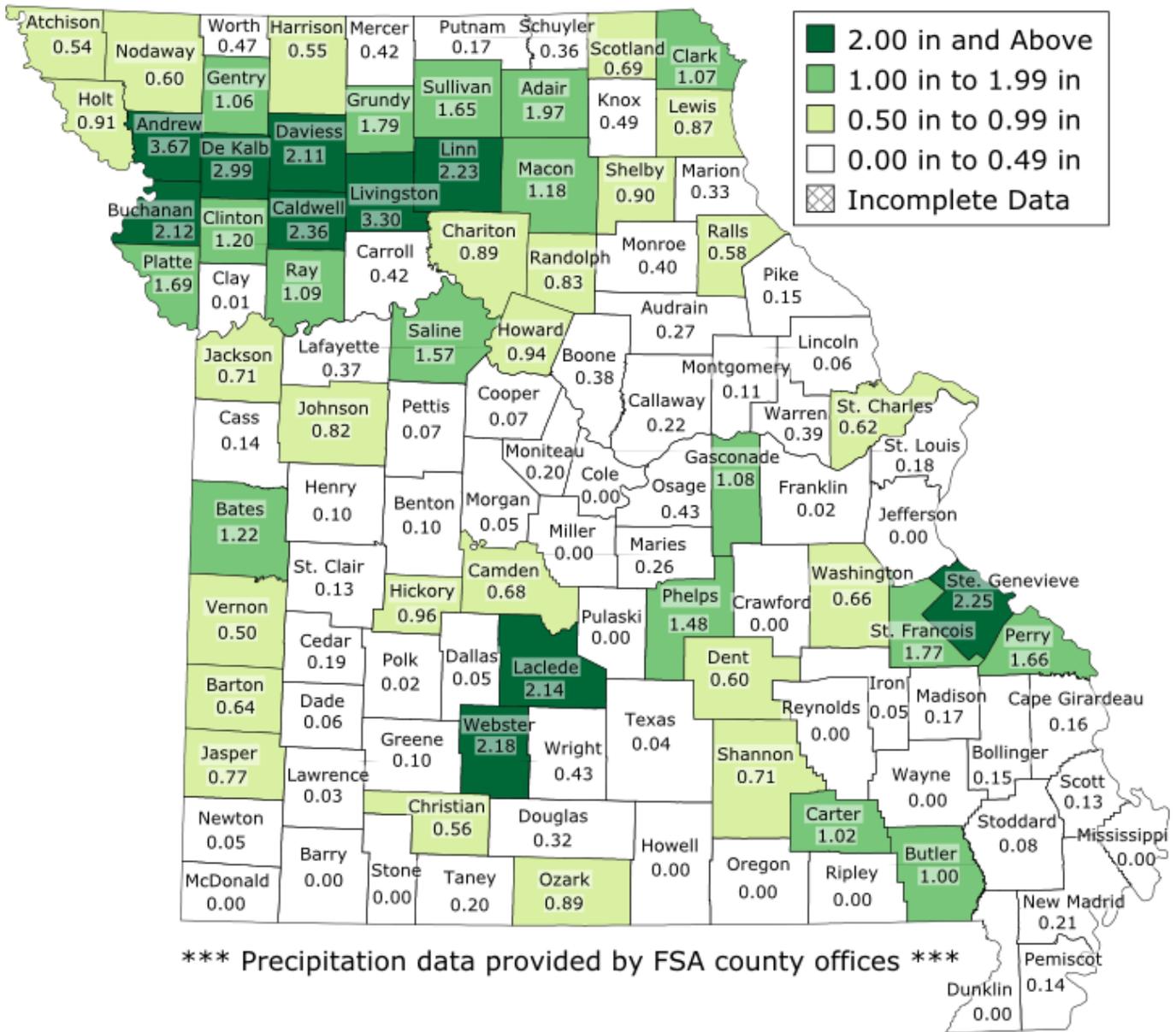
Hourly and daily weather data from stations throughout the state is available at:

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

## District Summaries As Of July 31, 2011

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.3	5.5	5.2	6.4	6.8	6.6	6.4	7.0	6.6	7.0
Last Year	4.8	5.4	3.5	1.6	5.7	4.4	4.9	6.7	6.1	6.0
Topsoil Moisture Supply										
Very Short	31	1	12	29	56	34	39	59	47	35
Short	38	33	30	47	30	43	46	27	38	46
Adequate	29	62	55	23	14	22	14	14	15	17
Surplus	2	4	3	1	0	1	1	0	0	2
Subsoil Moisture Supply										
Very Short	22	2	6	13	43	27	17	43	52	19
Short	37	32	37	40	41	40	46	40	30	31
Adequate	39	64	53	43	16	32	37	17	18	50
Surplus	2	2	4	4	0	1	0	0	0	0
Corn Dough Stage and Beyond, Percent										
This Year	47	43	40	38	40	56	30	48	43	68
Last Year	51	44	27	38	38	61	70	88	76	80
Normal	46									
Soybeans Blooming and Beyond, Percent										
This Year	66	85	77	75	55	71	36	59	50	44
Last Year	64	62	56	63	63	67	69	71	61	70
Normal	60									
Sorghum Headed and Beyond, Percent										
This Year	29	75	32	27	54	39	18	21	65	25
Last Year	52	22	19	47	73	51	44	79	73	66
Normal	52									
Corn Condition										
Very Poor	13	9	7	12	29	11	4	84	1	6
Poor	15	7	15	17	19	21	9	5	14	19
Fair	26	13	25	33	27	28	36	6	24	31
Good	38	47	45	33	24	39	49	5	26	37
Excellent	8	24	8	5	1	1	2	0	35	7
Soybean Condition										
Very Poor	5	6	3	7	7	4	2	0	7	5
Poor	14	9	10	15	23	20	4	91	15	11
Fair	34	13	34	43	43	33	39	5	17	39
Good	40	56	41	32	22	42	52	3	20	41
Excellent	7	16	12	3	5	1	3	0	41	4
Sorghum Condition										
Very Poor	1	0	0	0	3	0	1	6	0	1
Poor	10	0	8	17	49	9	2	10	0	3
Fair	49	20	49	35	42	39	52	72	10	56
Good	38	80	40	45	6	52	44	12	40	39
Excellent	2	0	3	3	0	0	1	0	50	1
Supply of Hay and Other Roughages										
Very Short	5	0	3	2	10	7	0	6	0	28
Short	23	19	4	12	49	21	21	39	24	30
Adequate	69	78	88	75	39	70	79	52	76	37
Surplus	3	3	5	11	2	2	0	3	0	5
Stock Water Supplies										
Very Short	2	0	1	0	6	3	0	5	1	5
Short	19	5	3	9	36	20	23	35	26	17
Adequate	77	93	95	85	58	77	77	54	73	78
Surplus	2	2	1	6	0	0	0	6	0	0
Pasture Condition										
Very Poor	12	3	2	3	45	17	1	14	7	4
Poor	28	10	20	20	30	23	19	50	53	28
Fair	37	25	50	54	24	40	50	18	31	38
Good	22	62	26	21	1	20	30	18	9	29
Excellent	1	0	2	2	0	0	0	0	0	1
Average Precipitation	0.66	1.42	1.27	0.57	0.46	0.48	0.68	0.22	0.40	0.22

# Precipitation for Week Ending July 31, 2011



# Precipitation for Four Weeks Ending July 31, 2011

