



United States Department of Agriculture  
National Agricultural Statistics  
Service

# Missouri Field Office

## Crop Progress and Condition

### Week Ending August 5, 2012

#### Agricultural Summary

Although scattered rainfall continued, conditions remained hot and dry. There were 6.6 days suitable for fieldwork. Topsoil moisture supply improved slightly to 87 percent very short, 11 percent short, and 2 percent adequate. Subsoil moisture supply also improved slightly to 87 percent very short, 12 percent short, and 1 percent adequate.

#### Field Crops Report

**Corn** dough stage and beyond was 87 percent, 12 days ahead of last year, and 19 days ahead of normal (5-year average). Corn dented was 64 percent, 2 weeks ahead of last year, and 20 days ahead of normal. Corn mature was 23 percent, 19 days ahead of last year, and 3 weeks ahead of normal. Corn harvested was 6 percent, 23 days ahead of last year and 25 days ahead of normal. Corn condition was 56 percent very poor, 28 percent poor, 11 percent fair, 3 percent good, and 2 percent excellent. **Soybeans** blooming and beyond were 85 percent, 1 week ahead of last year, and 13 days ahead of normal. Soybeans setting pods and beyond were 42 percent, 4 days ahead of 2011, and 5 days ahead of normal. Soybean condition was 37 percent very poor, 37 percent poor, 20 percent fair, 5 percent good, and 1 percent excellent. **Cotton** setting bolls and beyond was 52 percent, 15 days behind last year, and 19 days behind normal. Cotton condition was 12 percent very poor, 31 percent poor, 42 percent fair, 13 percent good, and 2 percent excellent. **Rice** headed was 64 percent, 17 days ahead of last year, and 10 days ahead of normal. Rice condition was 5 percent poor, 23 percent fair, 52 percent good, and 20 percent excellent. **Sorghum** headed and beyond was 68 percent, 11 days ahead of last year, and 1 week ahead of normal. Sorghum turning color and beyond was 17 percent, 1 week ahead of last year, and 5 days ahead of normal. Sorghum condition was 28 percent very poor, 35 percent poor, 27 percent fair, 9 percent good, and 1 percent excellent. **Alfalfa hay** 3rd cutting was 50 percent, the same as last year, and 1 week ahead of normal.

#### Pasture & Livestock

**Pasture** condition was 85 percent very poor, 14 percent poor, and 1 percent fair. **Supply of hay and other roughages** was 56 percent very short, 33 percent short, and 11 percent adequate. **Stock water supplies** were 63 percent very short, 28 percent short, and 9 percent adequate.

#### Weather Summary

**Temperatures** were 3 to 7 degrees above average. Precipitation averaged 0.54 of an inch.

#### Audio Commentary

Weekly Crop Progress and Condition Audio Commentary is available

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

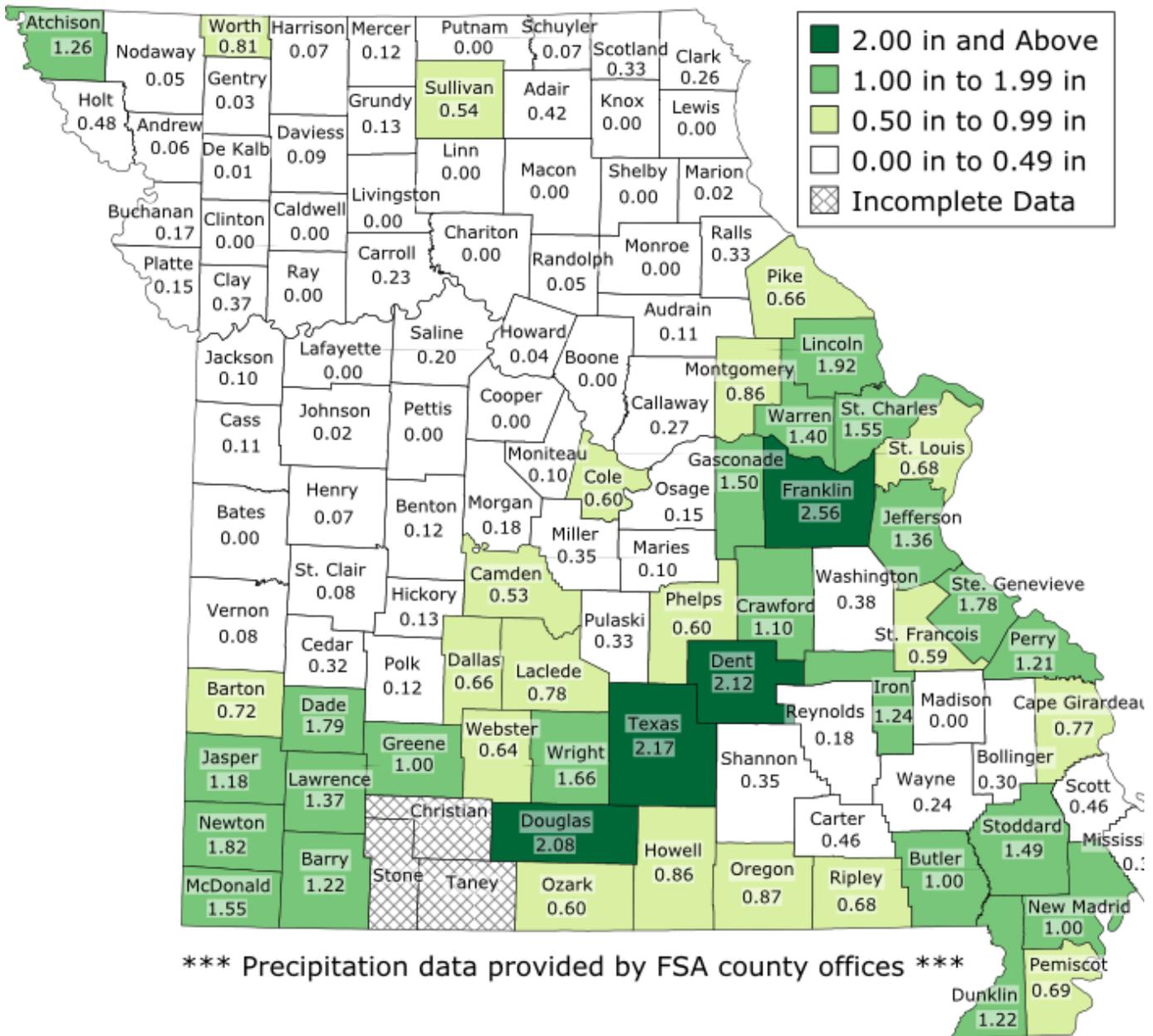
#### Weather Data

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

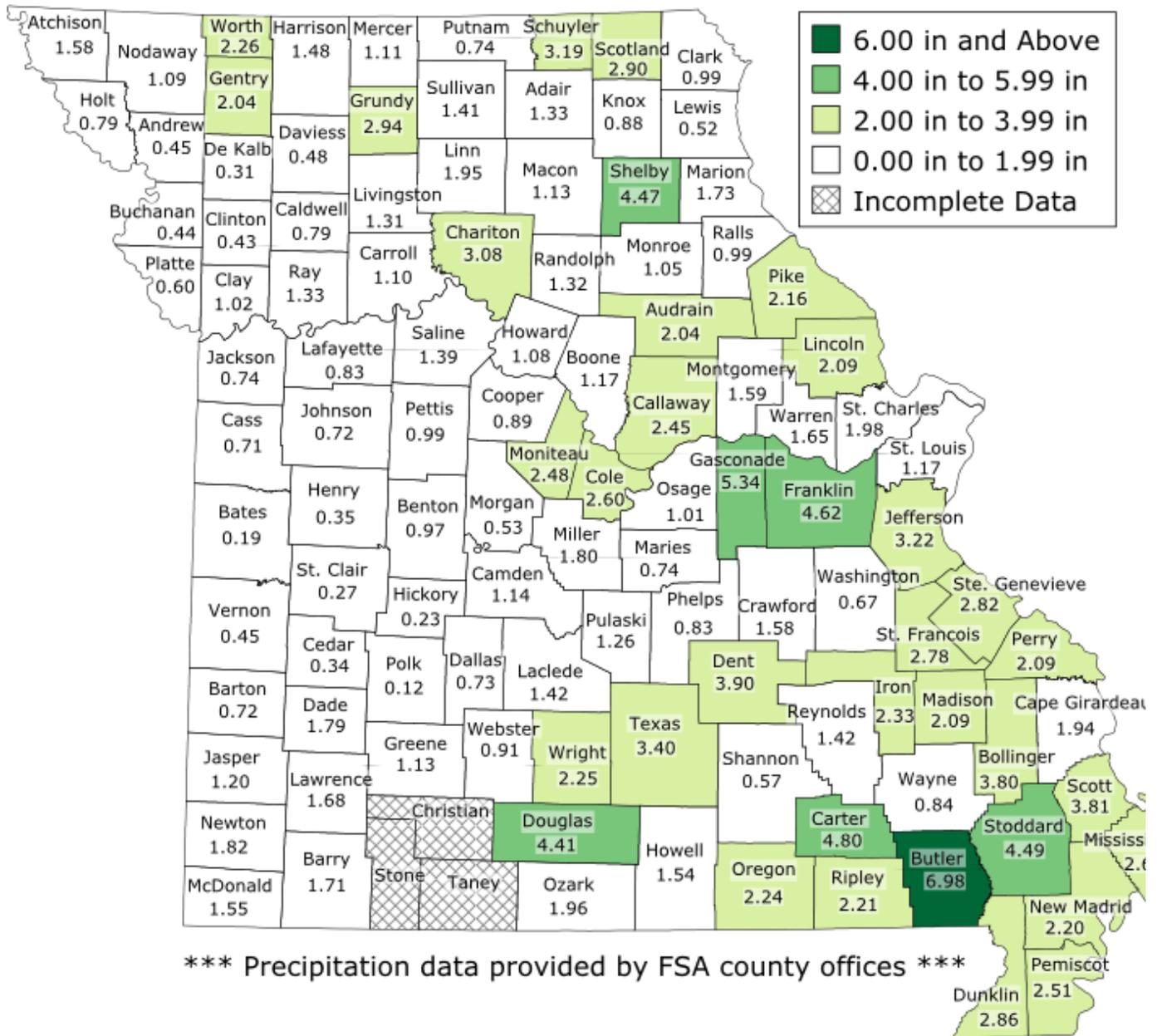
<http://agebb.missouri.edu/weather/history/>

District Summaries As Of August 5, 2012										
	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.6	7.0	7.0	6.9	7.0	6.8	5.4	6.6	6.7	5.6
Last Year	5.7	5.3	5.9	7.0	6.0	5.7	5.7	7.0	5.9	4.3
Topsoil Moisture Supply										
Very Short	87	93	90	96	83	97	86	77	96	57
Short	11	7	10	4	17	3	14	23	4	24
Adequate	2	0	0	0	0	0	0	0	0	19
Surplus	0	0	0	0	0	0	0	0	0	0
Subsoil Moisture Supply										
Very Short	87	88	86	94	86	98	83	99	98	50
Short	12	12	14	6	14	2	17	1	2	38
Adequate	1	0	0	0	0	0	0	0	0	12
Surplus	0	0	0	0	0	0	0	0	0	0
Corn Harvested, Percent										
This Year	6	1	5	0	19	13	4	13	11	3
Last Year	0	0	0	0	0	0	0	0	0	0
Normal	1									
Soybeans Setting Pods and Beyond, Percent										
This Year	42	64	44	44	10	49	53	54	14	32
Last Year	34	48	43	39	22	43	7	10	22	22
Normal	32									
Sorghum Turning Color and Beyond, Percent										
This Year	17	38	3	21	23	12	0	21	0	26
Last Year	6	1	2	5	14	1	0	1	10	12
Normal	11									
Alfalfa Hay 3rd Cutting, Percent										
This Year	50	43	17	64	90	66	77	51	38	96
Last Year	50	36	28	69	69	57	54	82	68	95
Normal	36									
Supply of Hay and Other Roughages										
Very Short	56	61	39	28	46	70	60	40	76	51
Short	33	30	46	38	41	24	34	31	24	48
Adequate	11	9	15	32	13	6	6	29	0	1
Surplus	0	0	0	2	0	0	0	0	0	0
Stock Water Supplies										
Very Short	63	54	50	31	57	77	71	63	77	36
Short	28	37	33	48	29	20	24	33	21	34
Adequate	9	9	17	20	14	3	5	4	2	30
Surplus	0	0	0	1	0	0	0	0	0	0
Pasture Condition										
Very Poor	85	89	76	74	80	97	81	86	87	51
Poor	14	11	21	21	20	3	16	13	13	28
Fair	1	0	3	5	0	0	3	1	0	20
Good	0	0	0	0	0	0	0	0	0	1
Excellent	0	0	0	0	0	0	0	0	0	0
Average Precipitation	0.54	0.24	0.13	0.17	0.09	0.30	1.30	1.10	0.85	0.85

# Precipitation for Week Ending August 5, 2012



# Precipitation for Four Weeks Ending August 5, 2012





# Missouri Corn and Soybean Condition Supplement



Missouri Field Office - 601 Business Loop 70 West, Suite 240 - Columbia, MO 65203  
 800-551-1014 - [www.nass.usda.gov](http://www.nass.usda.gov)

August 6, 2012

Contact: Robert Garino

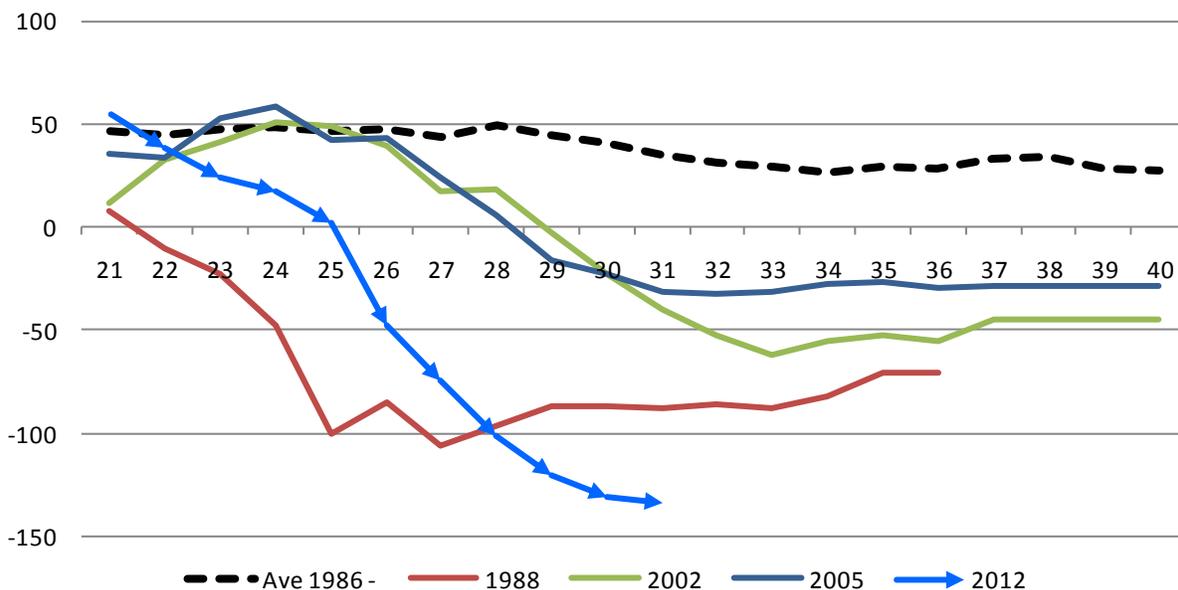
**(Columbia, MO)** As a way to put this year in a historical perspective, crop condition data from 1986 through 2012 were compared. This data is available on The USDA-NASS website at [www.nass.usda.gov](http://www.nass.usda.gov). For the purpose of comparison, an index was created where the percent of acres assigned to each condition category (excellent, good, fair, poor, very poor) for the week was multiplied by a factor as shown in the table on the right. The numbers were then totaled. A total

of zero would mean on average the crop is in fair condition. Positive scores mean better than fair on average, with the highest possible total, 200, meaning 100% of crop in the state is in excellent condition. Likewise, a total of a negative 200 (-200), means 100% of the crop in the state is in very poor condition.

Percent of Acreage	Multiplier
Excellent	2
Good	1
Fair	0
Poor	-1
Very Poor	-2

We can compare this number, and the numbers each week, to previous years to get a better idea of how this year compares to previous years. The chart below compares the corn weekly

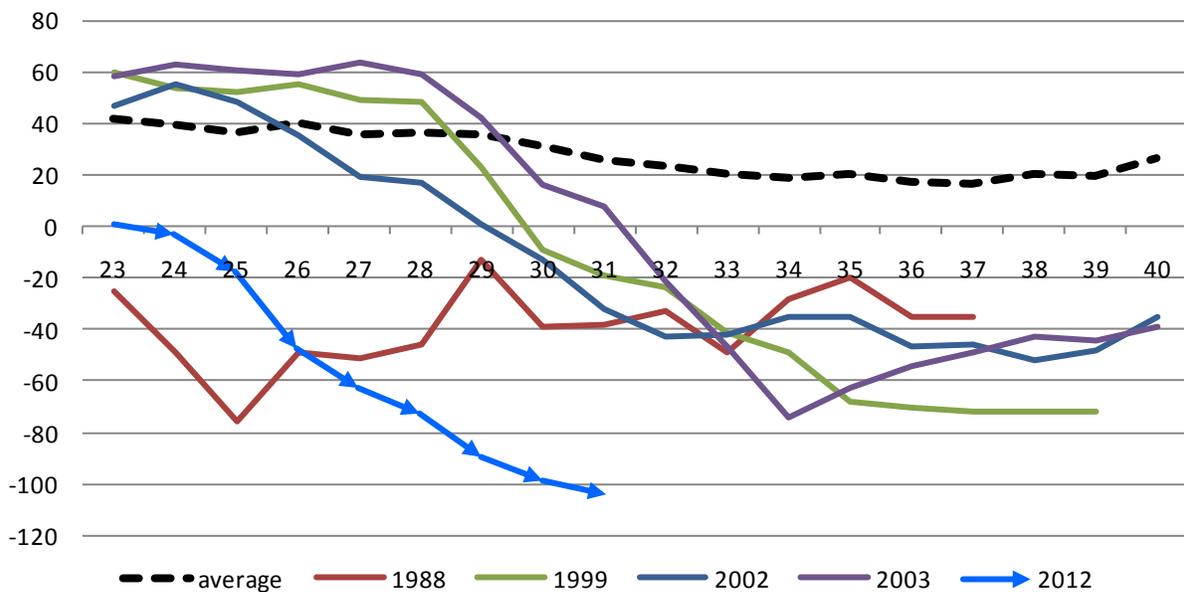
### Corn Condition Index by Week



index so far this year to the average for all years since 1986 and to the only three years since 1986 for which the average index score for the entire season was negative. Those three years were 1988, 2002 and 2005. Note that the chart tracks from week 21 through week 40 except for this year and for 1988 where data is available only through week 38. **This is week 31.**

For soybeans there have been four years that the soybean index was negative, on average, for the entire year: 1988, 1999, 2002 and 2003. The chart below tracks week 23 through week 40, except for the years 1988 and 1999 when data was available only through weeks 37 and 39, respectively.

### Soybean Condition Index by Week



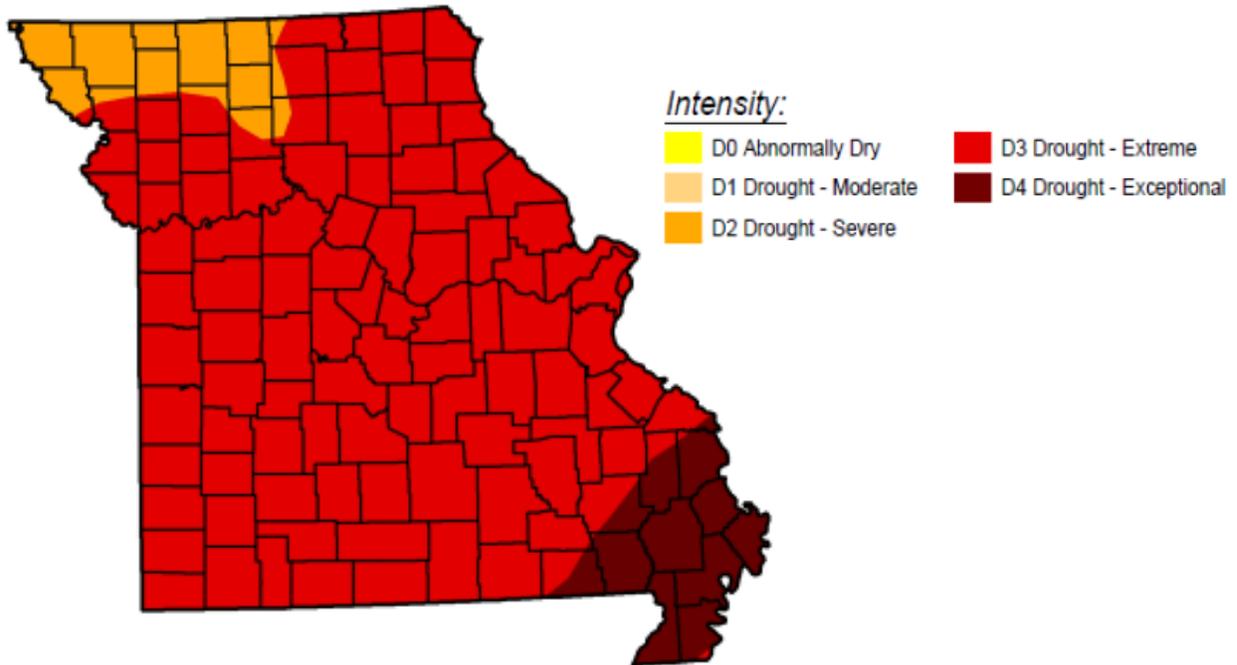
*This condition index is for comparison of corn and soybean crop conditions at this point in the current year to past years for informational purposes. It is not a statement of official NASS estimates for future crop conditions, yield or production. It is not a prediction that current crop conditions will continue into the future.*

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# Drought Monitor

July 31, 2012

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Source: National Drought Mitigation Center, a partnership with USDA, U.S. Department of Commerce/NOAA, <http://droughtmonitorunl.edu>

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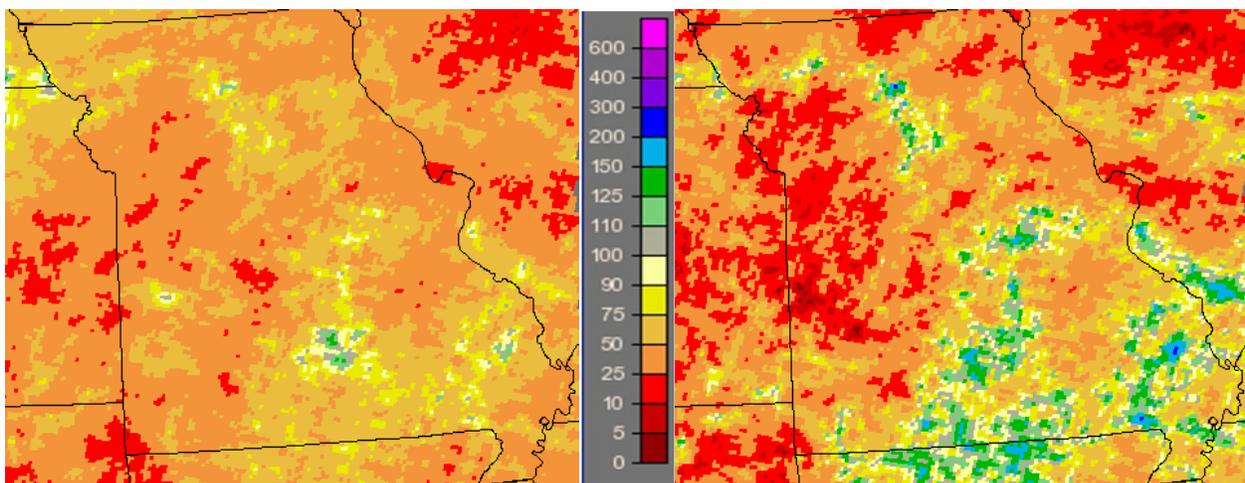
## Percent of Normal Precipitation

August 6, 2012

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**Last 60 Days**

**Last 30 Days**



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Source: National Weather Service, [www.nws.noaa.gov](http://www.nws.noaa.gov)

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