



Crop Progress and Condition

Week Ending August 12, 2012

Agricultural Summary

Cooler temperatures offered a reprieve from the oppressive heat, but conditions remained dry. There were 6.8 **days suitable for fieldwork**. **Topsoil moisture supply** was 89 percent very short, 10 percent short, and 1 percent adequate. **Subsoil moisture supply** was 88 percent very short, 11 percent short, and 1 percent adequate. The 1 percent adequate for topsoil and subsoil was due to irrigation in the southeast district.

Field Crops Report

Corn dough stage and beyond was 94 percent, 2 weeks ahead of last year, and 3 weeks ahead of normal; southern districts were complete. Corn dented was 75 percent, 12 days ahead of last year, and 19 days ahead of normal. Corn mature was 35 percent, 17 days ahead of last year, and 3 weeks ahead of normal. Corn harvested for grain was 10 percent, 21 days ahead of last year, and 23 days ahead of normal. Corn condition, similar to last week, was 57 percent very poor, 27 percent poor, 12 percent fair, 3 percent good, and 1 percent excellent. High winds damaged some corn in the central district. **Soybeans** blooming and beyond were 92 percent, 1 week ahead of last year, and 12 days ahead of normal. Soybeans setting pods and beyond was 61 percent, 4 days ahead of last year, and 1 week ahead of normal. Soybeans began to turn color. Soybean condition was 39 percent very poor, 36 percent poor, 19 percent fair, 5 percent good, and 1 percent excellent. **Cotton** setting bolls and beyond was 81 percent, 10 days behind last year, and 12 days behind normal. Cotton opening bolls was 9 percent, 12 days ahead of last year, and 9 days ahead of normal. Cotton condition was 12 percent very poor, 31 percent poor, 42 percent fair, 13 percent good, and 2 percent excellent. **Rice** headed was 77 percent, 16 days ahead of last year, and 9 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 77 percent, 8 days ahead of last year, and 6 days ahead of normal. Sorghum turning color and beyond was 26 percent, 8 days ahead of 2011, and 4 days ahead of normal. Sorghum mature was 2 percent with south-central district 75 percent mature. Sorghum condition was 23 percent very poor, 38 percent poor, 29 percent fair, 9 percent good, and 1 percent excellent. **Alfalfa hay** 3rd cutting was 59 percent, 2 days behind last year, but 5 days ahead of normal.

Pasture & Livestock

Pasture condition at 85 percent very poor, 13 percent poor, and 2 percent fair, was similar to last week. **Supply of hay and other roughages**, also similar, was 57 percent very short, 32 percent short, and 11 percent adequate. **Stock water supplies** were 67 percent very short, 24 percent short, and 9 percent adequate.

Weather Summary

Temperatures were 2 degrees below to 1 degree above average. Precipitation averaged 0.24 of an inch. Greene County received 1.73 inches.

Audio Commentary

Weekly Crop Progress and Condition Audio Commentary is available

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

Weather Data

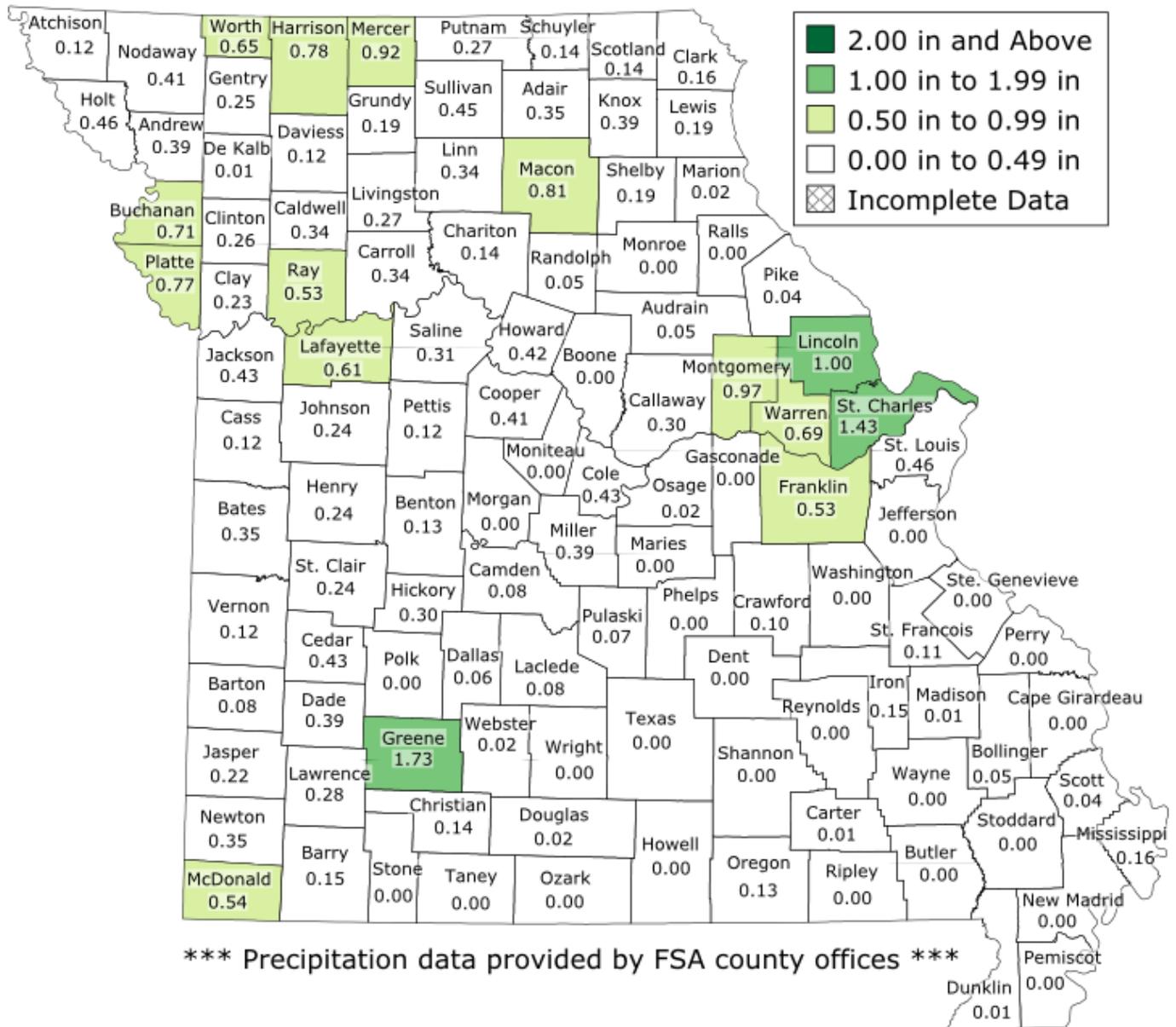
Hourly and daily weather data from stations throughout the state is available at:

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

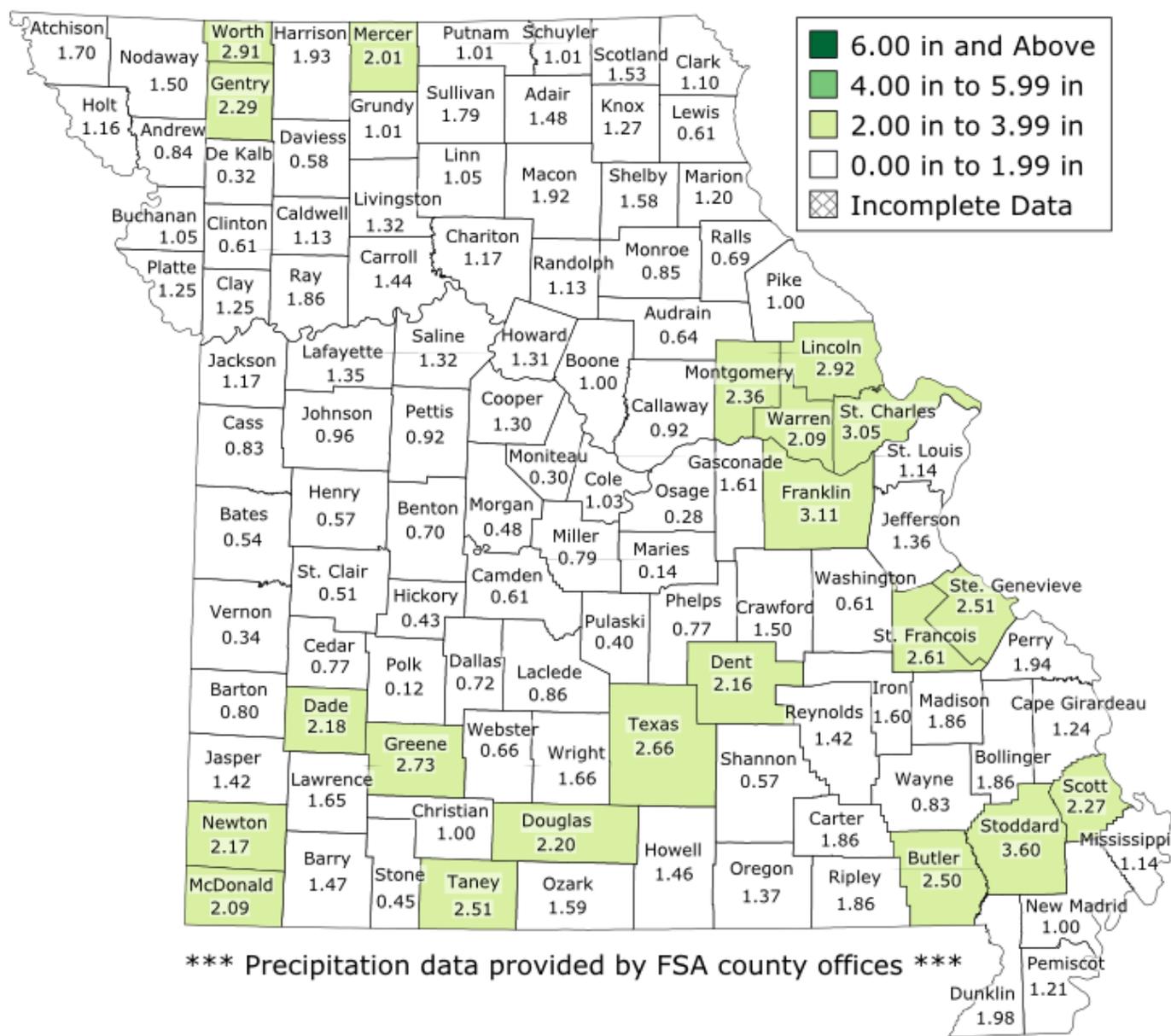
District Summaries As Of August 12, 2012

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.8	6.8	7.0	6.9	6.6	6.8	5.6	7.0	7.0	6.9
Last Year	5.8	5.5	6.4	6.7	6.1	5.8	5.8	5.5	5.8	5.0
Topsoil Moisture Supply										
Very Short	89	91	89	96	92	98	74	100	98	63
Short	10	9	11	4	8	2	26	0	2	28
Adequate	1	0	0	0	0	0	0	0	0	9
Surplus	0	0	0	0	0	0	0	0	0	0
Subsoil Moisture Supply										
Very Short	88	83	85	96	92	98	89	100	99	58
Short	11	16	14	4	8	2	11	0	1	37
Adequate	1	1	1	0	0	0	0	0	0	5
Surplus	0	0	0	0	0	0	0	0	0	0
Corn Dented, Percent										
This Year	75	72	64	64	80	88	78	100	97	84
Last Year	46	30	32	51	47	56	31	92	19	55
Normal	35									
Corn Mature, Percent										
This Year	35	24	21	15	57	60	35	97	69	38
Last Year	5	0	1	0	16	4	0	56	1	2
Normal	2									
Corn Harvested, Percent										
This Year	10	3	7	4	28	17	11	19	30	10
Last Year	1	0	0	0	4	0	0	7	1	0
Normal	0									
Soybeans Setting Pods and Beyond, Percent										
This Year	61	78	60	66	25	69	62	57	75	54
Last Year	52	62	55	59	50	62	14	52	42	44
Normal	47									
Sorghum Turning Color and Beyond, Percent										
This Year	26	41	8	27	28	19	3	62	75	38
Last Year	18	63	7	15	48	7	0	13	19	29
Normal	20									
Corn Condition										
Very Poor	57	48	66	65	60	80	52	42	44	33
Poor	27	28	27	25	36	16	31	39	30	28
Fair	12	20	7	10	4	3	14	19	16	17
Good	3	4	0	0	0	1	3	0	10	15
Excellent	1	0	0	0	0	0	0	0	0	7
Soybean Condition										
Very Poor	39	42	42	32	47	64	28	51	34	25
Poor	36	40	40	36	43	26	46	35	24	30
Fair	19	16	16	27	10	10	22	14	29	26
Good	5	2	2	5	0	0	4	0	13	16
Excellent	1	0	0	0	0	0	0	0	0	3
Supply of Hay and Other Roughages										
Very Short	57	63	39	35	48	78	63	40	68	75
Short	32	30	47	36	39	16	33	31	32	25
Adequate	11	7	14	27	13	6	4	29	0	0
Surplus	0	0	0	2	0	0	0	0	0	0
Stock Water Supplies										
Very Short	67	56	51	37	62	90	70	70	84	71
Short	24	35	34	46	23	10	26	15	16	18
Adequate	9	9	15	17	15	0	4	15	0	11
Surplus	0	0	0	0	0	0	0	0	0	0
Pasture Condition										
Very Poor	85	89	75	76	88	97	79	86	84	75
Poor	13	9	21	18	12	3	17	14	16	21
Fair	2	2	4	6	0	0	4	0	0	4
Good	0	0	0	0	0	0	0	0	0	0
Excellent	0	0	0	0	0	0	0	0	0	0
Average Precipitation	0.24	0.40	0.36	0.12	0.31	0.16	0.41	0.39	0.02	0.03

Precipitation for Week Ending August 12, 2012



Precipitation for Four Weeks Ending August 12, 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

August 13, 2012

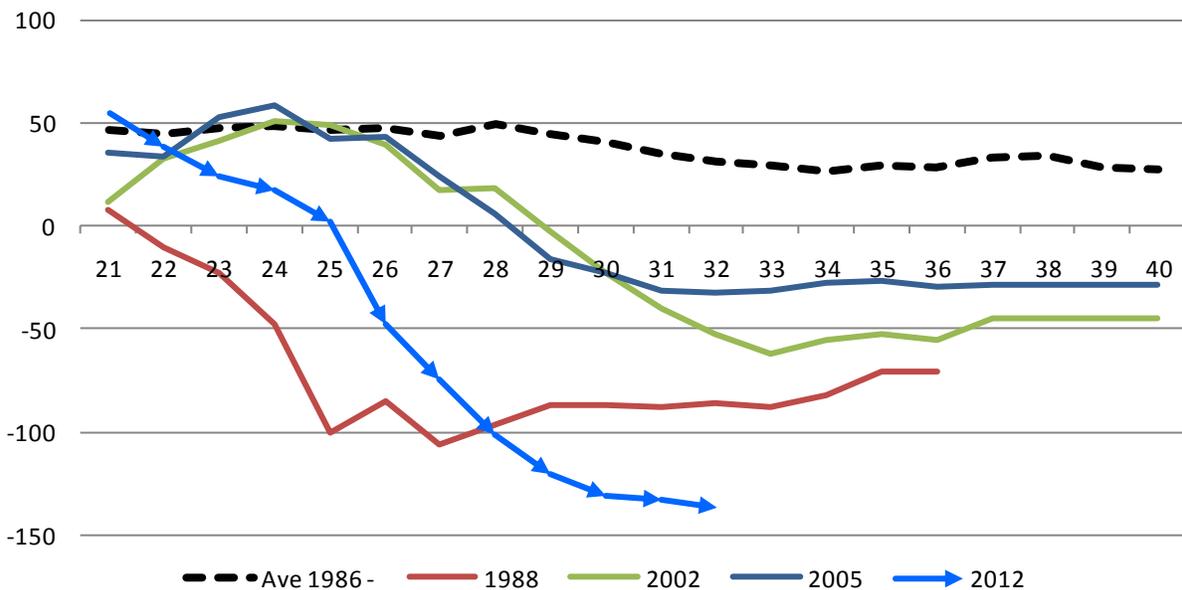
Contact: Robert

(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. 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

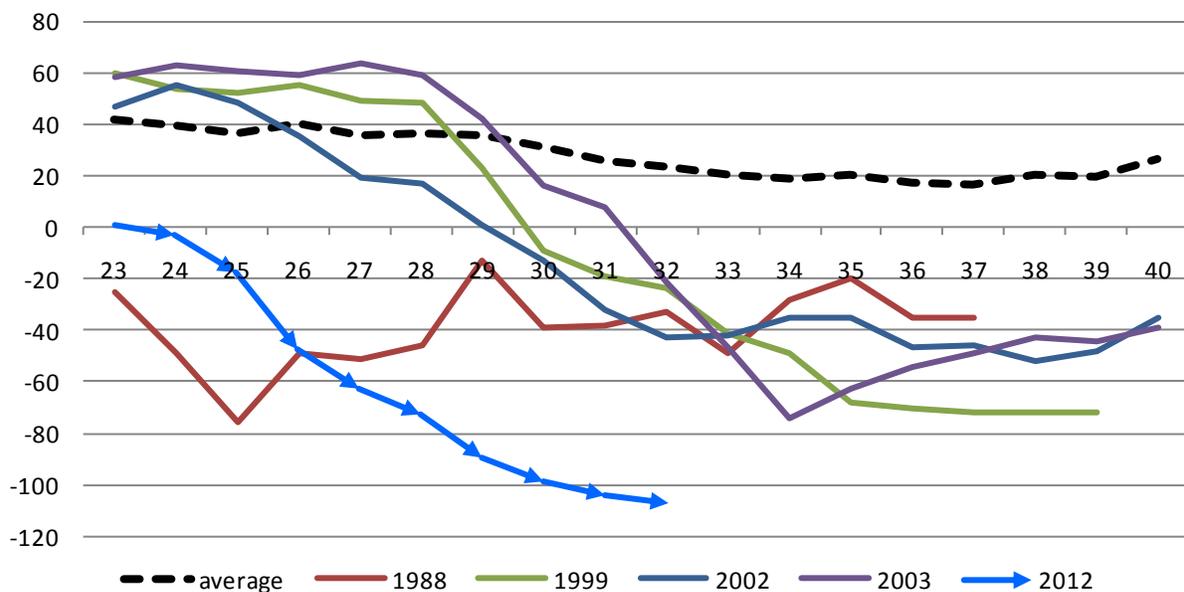
Corn Condition Index by Week



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 32.**

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.

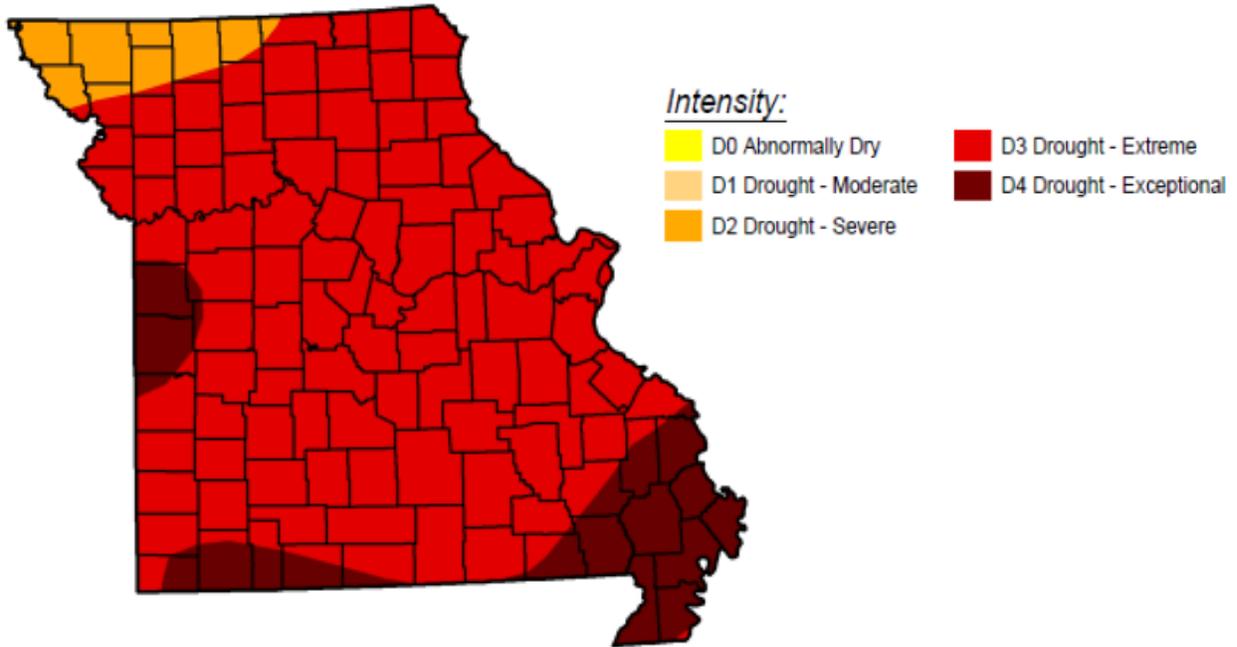
Soybean Condition Index by Week



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.

Drought Monitor

August 7, 2012



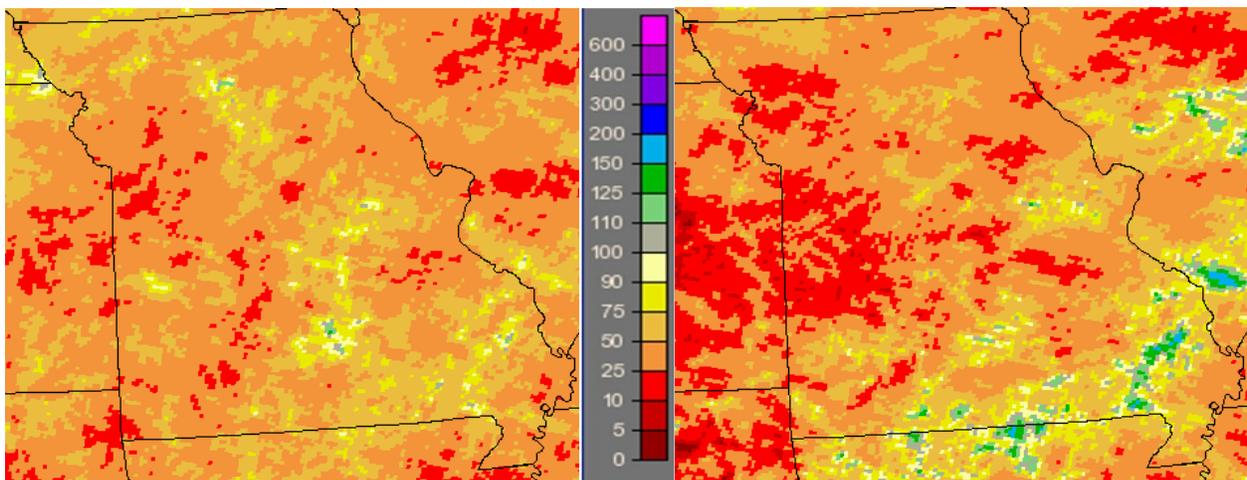
Source: National Drought Mitigation Center, a partnership with USDA, U.S. Department of Commerce/NOAA, <http://droughtmonitorunl.edu>

Percent of Normal Precipitation

August 13, 2012

Last 60 Days

Last 30 Days



Source: National Weather Service, www.nws.noaa.gov
