



Crop Progress and Condition

Week Ending August 19, 2012

Agricultural Summary

Although temperatures remained cool, little to no precipitation left producers seeking water for livestock. Clear skies meant **6.9 days suitable for fieldwork**. **Topsoil moisture supply** remained a dramatic 90 percent very short, 9 percent short, and 1 percent adequate. **Subsoil moisture supply** followed suit at 90 percent very short, 9 percent short, and 1 percent adequate.

Field Crops Report

Corn dough stage and beyond was 96 percent, 11 days ahead of last year, and 16 days ahead of normal (5-year average). Corn dented was 85 percent, 10 days ahead of 2011, and 18 days ahead of normal. Corn mature was 51 percent, 17 days ahead of last year, and over 3 weeks ahead of normal. Corn harvested for grain was 18 percent, 3 weeks ahead of last year, and 24 days ahead of normal. Silage harvest continued, and aflatoxin was a concern in the northern part of the state. Corn condition remained similar to last week at 56 percent very poor, 28 percent poor, 12 percent fair, 3 percent good, and 1 percent excellent. **Soybeans** blooming and beyond were 96 percent, 1 week ahead of last year, and 11 days ahead of normal. Soybeans setting pods and beyond were 76 percent, 5 days ahead of last year, and 7 days ahead of normal. Soybeans turning color were 4 percent, 10 days ahead of last year, and 1 week ahead of normal, and plants were just beginning to drop leaves. Condition was 43 percent very poor, 35 percent poor, 15 percent fair, 6 percent good, and 1 percent excellent. **Cotton** setting bolls and beyond were 95 percent, 2 weeks behind last year, and 5 days behind normal. Cotton opening bolls was 19 percent, 11 days ahead of last year, and 8 days ahead normal. Cotton condition was 11 percent very poor, 30 percent poor, 41 percent fair, 16 percent good, and 2 percent excellent. **Rice** headed 88 percent, 2 weeks ahead of last year, and 10 days ahead of normal. Harvest began with rice condition at 5 percent poor, 23 percent fair, 52 percent good, and 20 percent excellent. **Sorghum** headed and beyond was 89 percent, 7 days ahead of last year, and 8 days ahead of normal. Sorghum turning color and beyond was 39 percent, 9 days ahead of last year, and 6 days ahead of normal. Sorghum mature was 5 percent 4 days ahead of last year, and 5 days ahead of normal. Sorghum condition was 27 percent very poor, 36 percent poor, 27 percent fair, and 10 percent good. **Alfalfa hay** 3rd cutting was 63 percent, 8 days behind last year, and 1 day behind normal.

Pasture & Livestock

Pasture condition declined from last week to 87 percent very poor, 12 percent poor, and 1 percent fair. **Supply of hay and other roughages** remained dire at 59 percent very short, 30 percent short, and 11 percent adequate. High nitrates remained a concern for forages. Some producers were selling off livestock early. **Stock water supplies** dropped to 69 percent very short, 25 percent short, and 6 percent adequate.

Weather Summary

Temperatures were 4 degrees to 6 degrees below average. Precipitation averaged 0.38 of an inch. The south-central district averaged 1.22 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

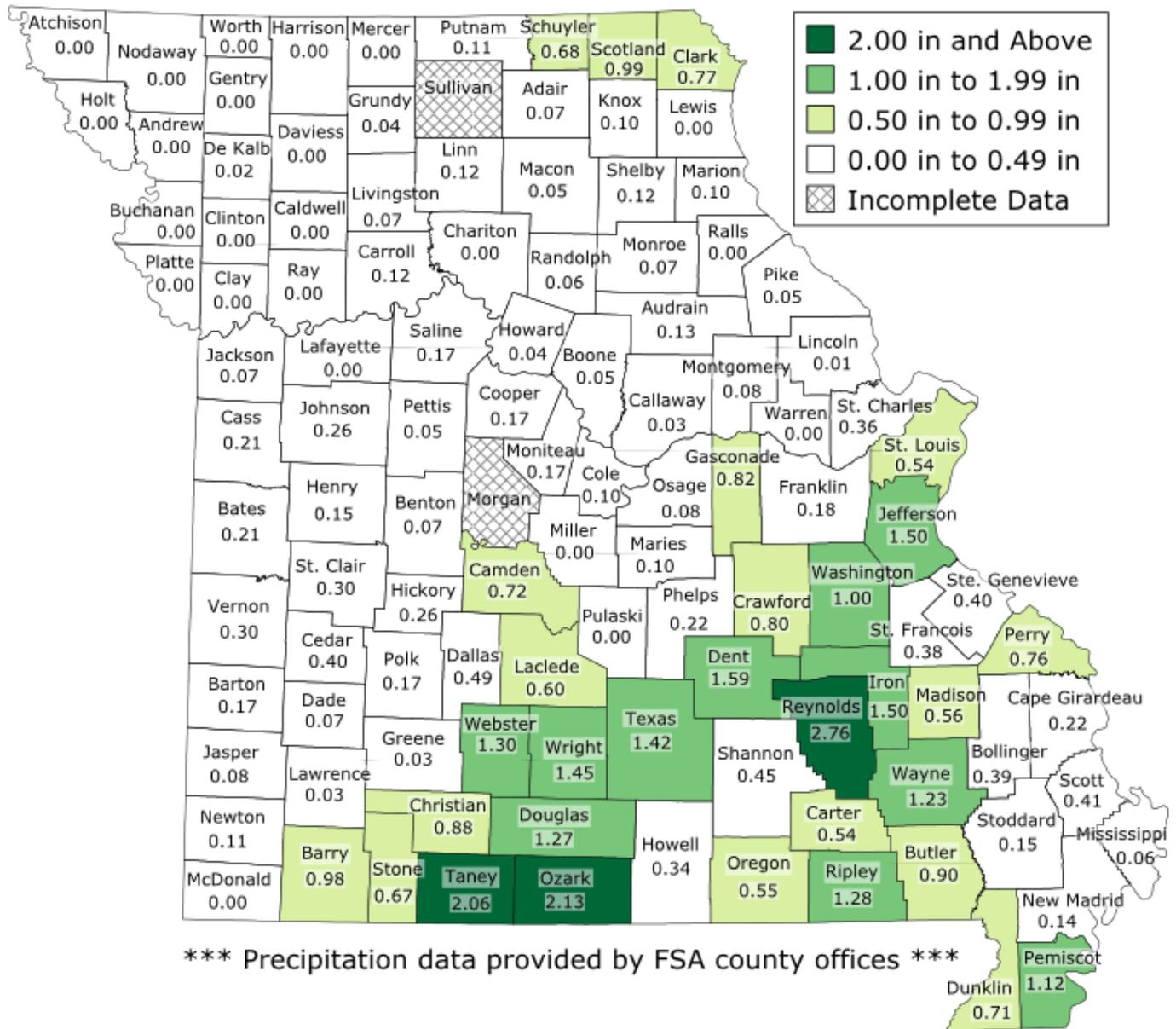
Hourly and daily weather data from stations throughout the state is available at:

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

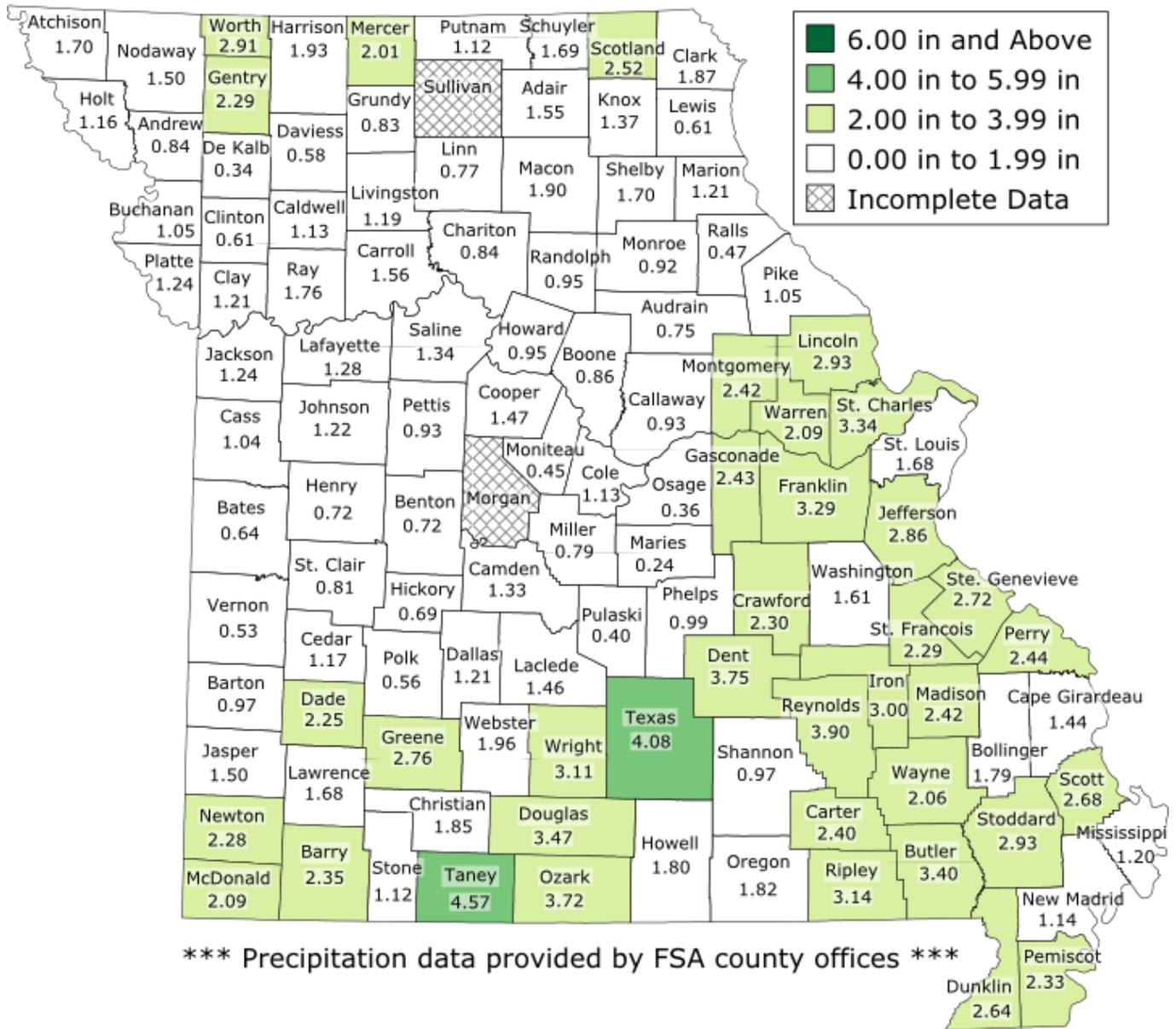
District Summaries As Of August 19, 2012

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.9	6.9	7.0	6.9	7.0	6.8	6.3	7.0	6.8	6.9
Last Year	5.2	3.9	3.7	7.0	4.9	4.2	5.7	6.4	5.6	6.6
Topsoil Moisture Supply										
Very Short	90	93	89	99	91	99	86	91	91	69
Short	9	7	11	1	9	1	14	9	6	24
Adequate	1	0	0	0	0	0	0	0	3	7
Surplus	0	0	0	0	0	0	0	0	0	0
Subsoil Moisture Supply										
Very Short	90	91	88	98	92	99	89	100	95	62
Short	9	9	10	2	8	1	11	0	5	32
Adequate	1	0	2	0	0	0	0	0	0	6
Surplus	0	0	0	0	0	0	0	0	0	0
Corn Mature, Percent										
This Year	51	34	24	27	75	79	54	98	100	65
Last Year	13	3	7	4	39	10	4	83	4	5
Normal	8									
Corn Harvested, Percent										
This Year	18	5	8	6	43	24	22	59	39	23
Last Year	2	0	0	0	13	1	0	14	3	0
Normal	1									
Soybeans Setting Pods and Beyond, Percent										
This Year	76	93	72	83	46	89	73	84	90	67
Last Year	68	72	70	77	70	78	32	80	71	59
Normal	61									
Sorghum Headed and Beyond, Percent										
This Year	89	82	86	97	86	88	74	100	100	91
Last Year	75	100	87	95	97	66	58	50	92	77
Normal	79									
Alfalfa Hay 3rd Cutting, Percent										
This Year	63	68	35	66	93	72	88	65	72	98
Last Year	78	62	59	96	85	82	73	94	99	98
Normal	65									
Corn Condition										
Very Poor	56	50	63	66	61	80	50	42	42	32
Poor	28	29	28	25	35	16	32	43	26	27
Fair	12	18	9	9	4	4	14	15	18	18
Good	3	3	0	0	0	0	4	0	14	16
Excellent	1	0	0	0	0	0	0	0	0	7
Soybean Condition										
Very Poor	43	49	41	42	55	69	30	53	32	26
Poor	35	38	45	40	37	24	43	34	25	29
Fair	15	11	11	17	8	7	21	13	24	26
Good	6	2	3	1	0	0	6	0	19	17
Excellent	1	0	0	0	0	0	0	0	0	2
Supply of Hay and Other Roughages										
Very Short	59	65	43	47	53	65	57	41	75	76
Short	30	28	46	39	38	25	39	23	25	24
Adequate	11	7	11	13	9	10	4	36	0	0
Surplus	0	0	0	1	0	0	0	0	0	0
Stock Water Supplies										
Very Short	69	60	49	41	60	86	75	69	80	71
Short	25	34	40	42	26	14	22	22	20	18
Adequate	6	6	11	16	14	0	3	9	0	11
Surplus	0	0	0	1	0	0	0	0	0	0
Pasture Condition										
Very Poor	87	92	83	78	88	93	76	92	84	75
Poor	12	8	16	18	12	7	19	8	16	22
Fair	1	0	1	4	0	0	5	0	0	3
Good	0	0	0	0	0	0	0	0	0	0
Excellent	0	0	0	0	0	0	0	0	0	0
Average Precipitation	0.38	0.00	0.11	0.23	0.21	0.18	0.53	0.30	1.22	0.46

Precipitation for Week Ending August 19, 2012



Precipitation for Four Weeks Ending August 19, 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 20, 2012

Contact: Robert

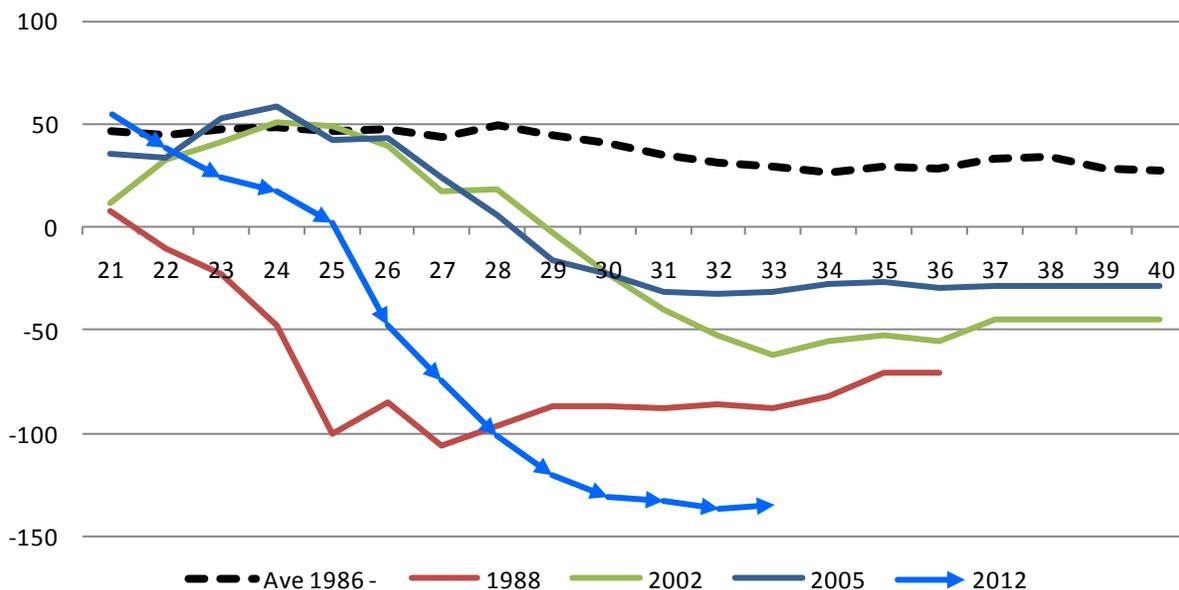
(Columbia, MO) As a way to put this year in a historical perspective, crop condition data from 1986 through 2012 were compared. This data is available on The USDA-NASS website at www.nass.usda.gov. For the purpose of comparison, an index was created where the percent of acres assigned to each condition 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

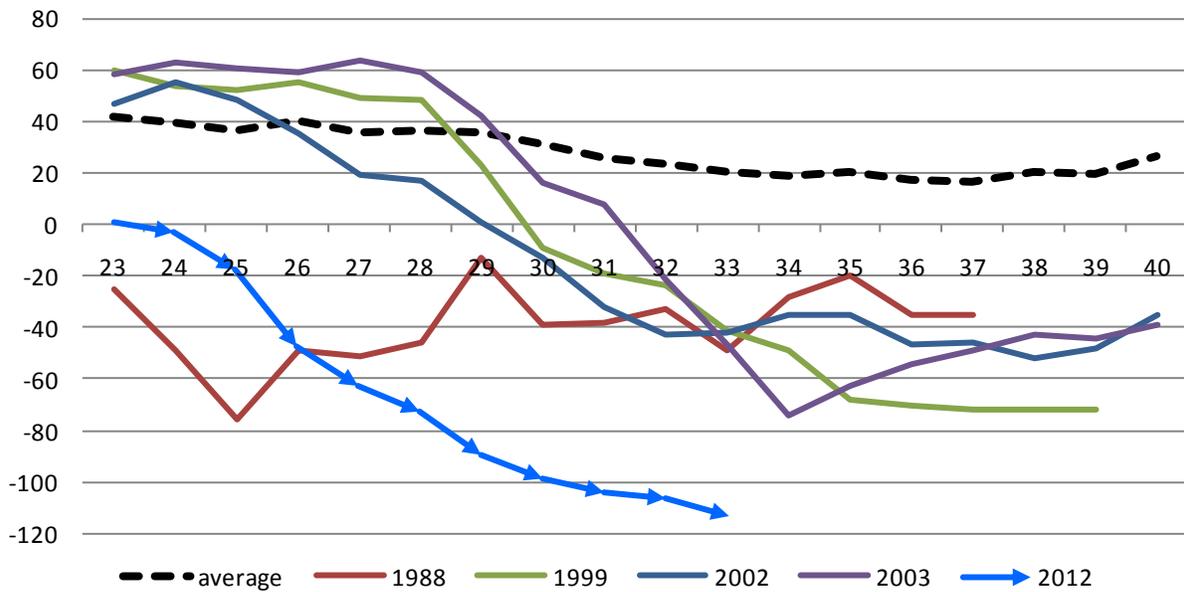
Corn Condition Index by Week



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 33.**

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.

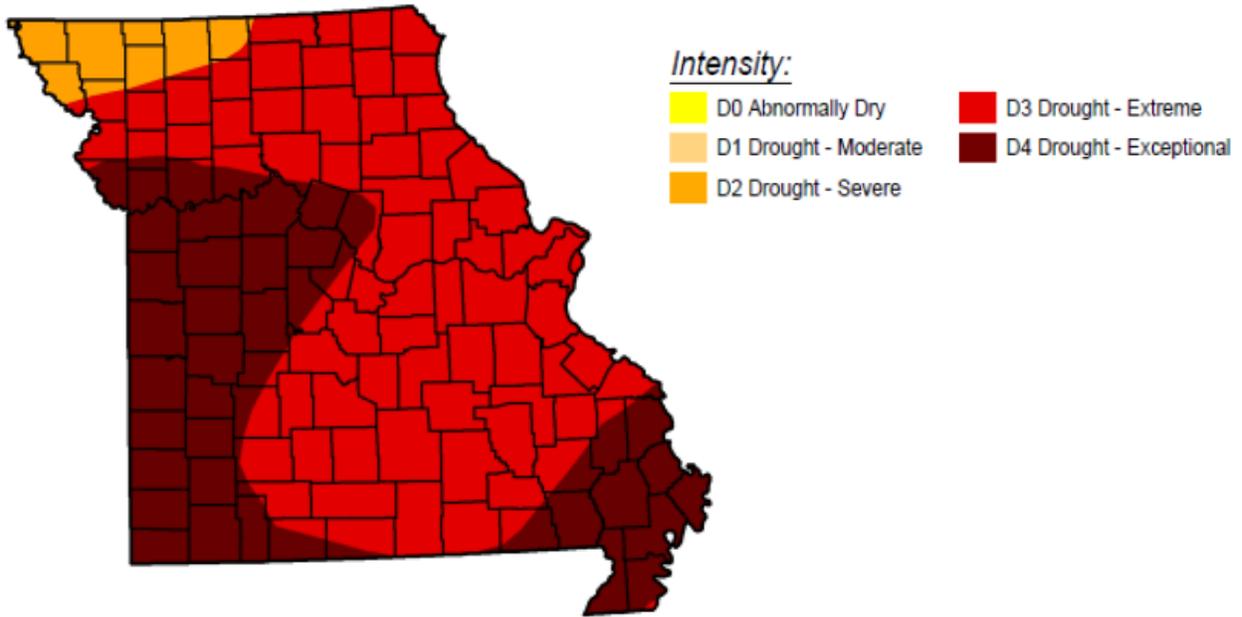
Soybean Condition Index by Week



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 14, 2012



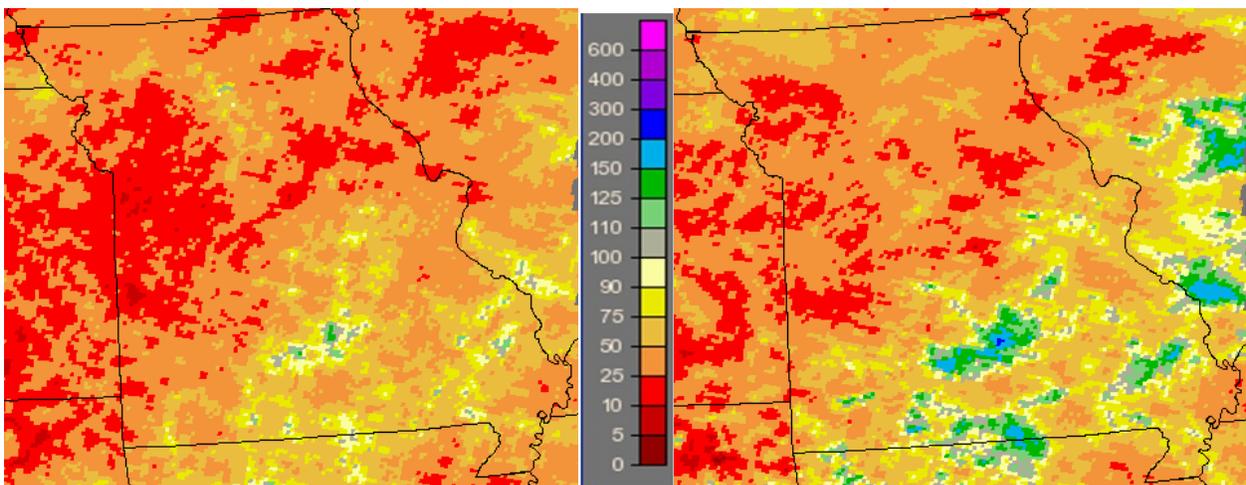
Source: National Drought Mitigation Center, a partnership with USDA, U.S. Department of Commerce/NOAA, <http://droughtmonitorunl.edu>

Percent of Normal Precipitation

August 20, 2012

Last 60 Days

Last 30 Days



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