



Crop Progress and Condition

Week Ending July 15, 2012

Agricultural Summary

Corn crop condition declined precipitously while soybeans hung on for a good rain. Although there were widely scattered showers across the eastern 2/3 of the state, continued dry weather allowed **6.6 days suitable for fieldwork**. Although unthinkable, **topsoil moisture** declined to 84 percent very short, 14 percent short, and 2 percent adequate. Creek beds, streams, and pools were dry. **Subsoil moisture** followed suit with 78 percent very short, 20 percent short, and 2 percent adequate.

Field Crops Report

Corn silked was 88 percent, 12 days ahead of last year, and 15 days ahead of normal. Corn dough stage and beyond was 43 percent, 15 days ahead of last year, and 17 days ahead of normal. Corn dented 12 percent, 16 days ahead of last year, and 18 days ahead of normal. Corn condition was 38 percent very poor, 34 percent poor, 21 percent fair, 6 percent good, and 1 percent excellent. The northeast, west-central, central, and southwest districts rated 80 percent or greater poor and very poor. A portion of the corn meant to be harvested for grain, will be cut for silage due to the low yield and to meet the growing demand for livestock feed. **Soybeans** blooming and beyond were 45 percent, 1 week ahead of 2011 and 10 days ahead of normal. Soybeans setting pods and beyond were 7 percent, 4 days ahead of last year, and 5 days ahead of normal. Soybean condition was 25 percent very poor, 34 percent poor, 31 percent fair, 9 percent good, and 1 percent excellent. The northwest and central districts rated 70 percent poor and very poor, followed by the north-central district at 60 percent poor and very poor. **Cotton** squaring and beyond was 90 percent, 8 days ahead of last year, and 3 days ahead of normal. Cotton setting bolls and beyond was 19 percent, 1 day behind last year, and 6 days behind normal. Cotton condition was 12 percent very poor, 30 percent poor, 41 percent fair, 15 percent good, and 2 percent excellent. **Rice** headed was 9 percent, 15 days ahead of last year, and 3 days ahead of normal. Rice condition was 5 percent poor, 23 percent fair, 52 percent good, and 20 percent excellent. **Sorghum** headed was 31 percent, 17 days ahead of last year, and 11 days ahead of normal. Sorghum turning color was 2 percent, 16 days ahead of last year, and 8 days ahead of normal. Sorghum condition was 14 percent very poor, 33 percent poor, 40 percent fair, 12 percent good, and 1 percent excellent. **Alfalfa hay 2nd cutting** was 97 percent, 18 days ahead of last year, and 30 days ahead of normal. **Alfalfa hay 3rd cutting** was 26 percent complete, 11 days ahead of last year, and 17 days ahead of normal. Extreme drought limited 3rd cutting in some areas.

Pasture & Livestock

Pasture condition now 60 percent very poor, 32 percent poor, 7 percent fair, and 1 percent good, was reported to have 'burned up' in many areas of the state. **Supply of hay and other roughages** was 33 percent very short, 39 percent short, 27 percent adequate, and 1 percent surplus. **Stock water supplies** were 36 percent very short, 41 percent short, and 23 percent adequate. The central, south-central, and southeast districts were greater than 80 percent short and very short.

Weather Summary

Temperatures were 1 to 4 degrees above average around the state except the southeast district enjoyed 2 to 4 degrees below average. Precipitation averaged 0.61 of an inch. Butler County received 4.48 inches of rainfall.

Audio Commentary

Weekly Crop Progress and Condition Audio Commentary is available

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

Weather Data

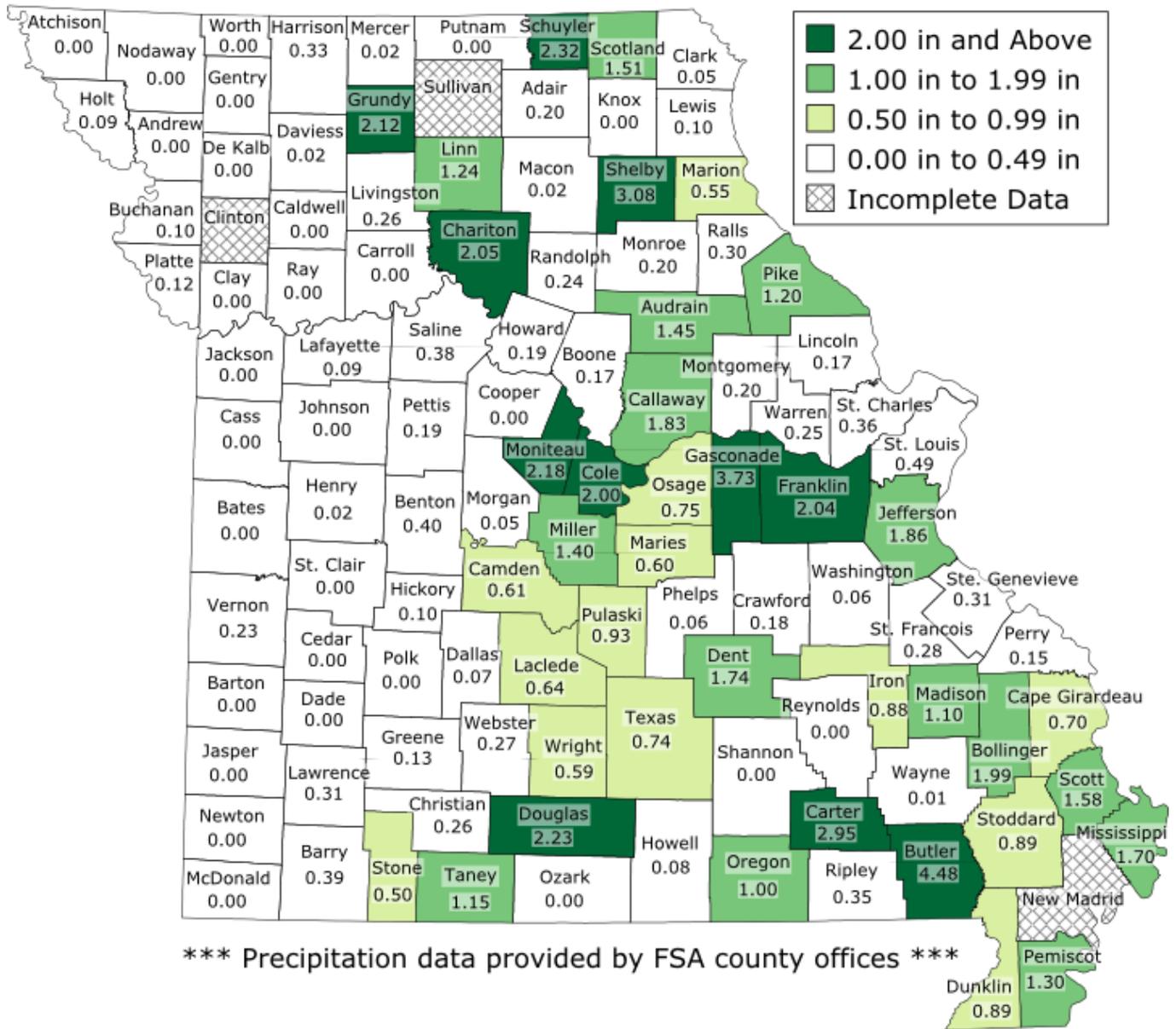
Hourly and daily weather data from stations throughout the state is available at:

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

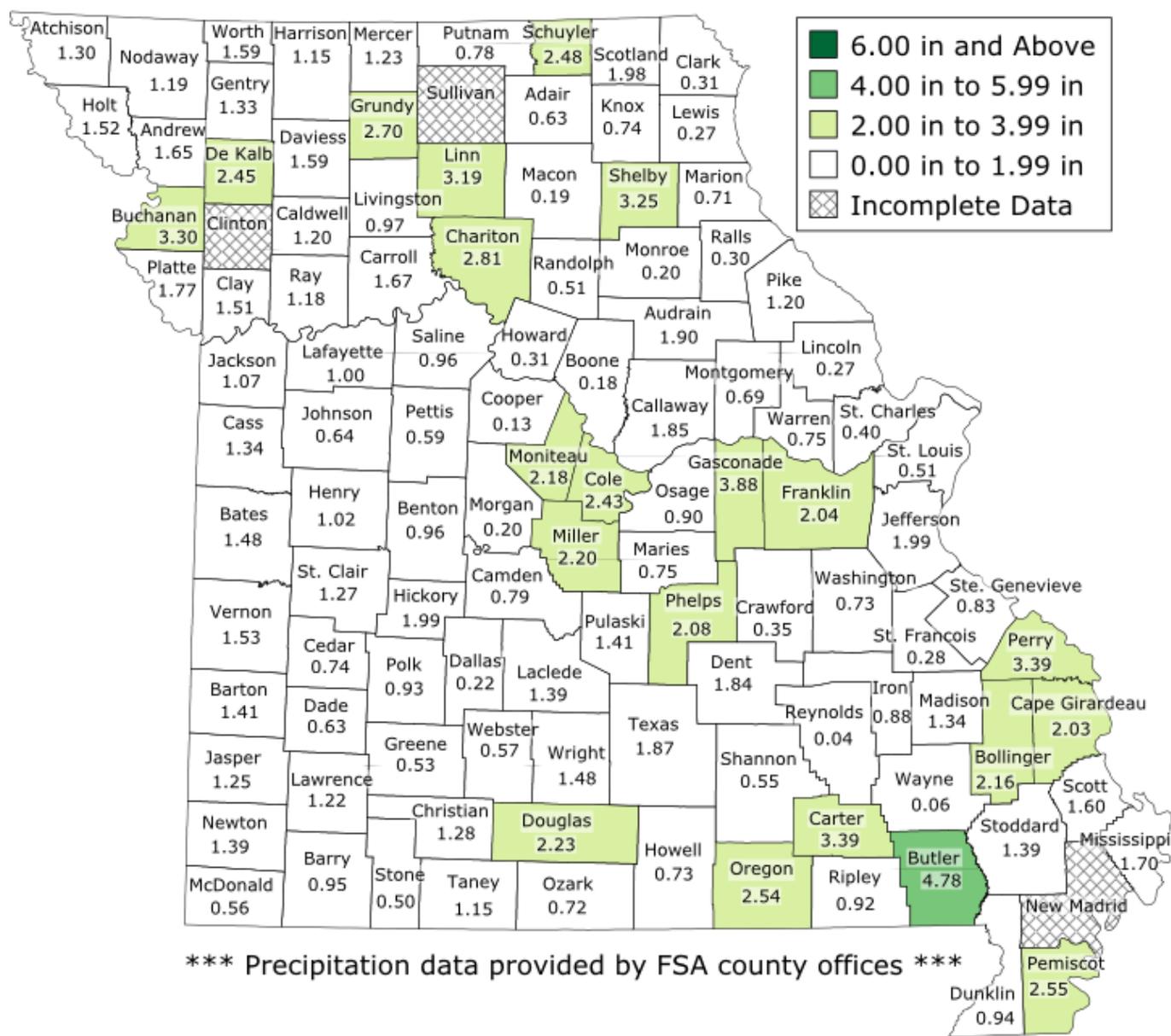
District Summaries As Of July 15, 2012

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.6	7.0	6.8	6.7	6.9	6.7	6.1	7.0	7.0	6.1
Last Year	6.3	6.4	6.0	6.3	6.6	5.9	6.3	6.6	6.1	6.8
Topsoil Moisture Supply										
Very Short	84	86	75	96	86	92	88	71	92	63
Short	14	12	23	4	13	7	12	29	6	29
Adequate	2	2	2	0	1	1	0	0	2	7
Surplus	0	0	0	0	0	0	0	0	0	1
Subsoil Moisture Supply										
Very Short	78	54	71	92	80	92	80	68	97	53
Short	20	42	26	7	19	8	20	32	3	41
Adequate	2	4	3	1	1	0	0	0	0	6
Surplus	0	0	0	0	0	0	0	0	0	0
Corn Dough Stage and Beyond, Percent										
This Year	43	36	25	34	52	44	30	79	49	59
Last Year	8	6	1	3	6	3	4	8	0	31
Normal	9									
Soybeans Blooming and Beyond, Percent										
This Year	45	43	62	45	40	53	33	24	56	41
Last Year	27	31	41	27	19	30	17	19	5	20
Normal	25									
Soybeans Setting Pods and Beyond, Percent										
This Year	7	4	13	4	0	6	5	5	22	10
Last Year	5	10	6	1	0	1	0	0	0	4
Normal	4									
Sorghum Headed and Beyond, Percent										
This Year	31	46	4	24	45	32	25	86	31	38
Last Year	4	17	6	1	14	4	3	2	3	1
Normal	14									
Alfalfa Hay 3rd Cutting, Percent										
This Year	26	9	2	30	66	25	40	56	21	86
Last Year	6	0	0	15	11	11	6	6	21	3
Normal	5									
Corn Condition										
Very Poor	38	23	35	43	45	53	40	32	42	31
Poor	34	34	35	37	38	30	27	50	24	29
Fair	21	33	26	19	14	15	16	18	23	20
Good	6	10	4	1	3	2	17	0	11	13
Excellent	1	0	0	0	0	0	0	0	0	7
Soybean Condition										
Very Poor	25	31	25	23	11	39	19	21	35	24
Poor	34	39	35	33	40	31	38	27	23	31
Fair	31	28	34	37	37	29	28	48	29	27
Good	9	2	6	7	12	1	15	4	13	16
Excellent	1	0	0	0	0	0	0	0	0	2
Supply of Hay and Other Roughages										
Very Short	33	57	29	16	11	25	32	7	69	49
Short	39	28	40	36	52	43	51	28	29	51
Adequate	27	15	30	42	37	32	17	65	2	0
Surplus	1	0	1	6	0	0	0	0	0	0
Stock Water Supplies										
Very Short	36	24	23	14	27	42	39	11	62	69
Short	41	41	46	36	44	44	40	46	33	15
Adequate	23	35	31	45	29	14	21	43	5	16
Surplus	0	0	0	5	0	0	0	0	0	0
Pasture Condition										
Very Poor	60	44	58	49	38	71	65	28	76	80
Poor	32	53	29	35	49	23	29	45	24	18
Fair	7	3	12	12	13	6	5	27	0	1
Good	1	0	1	4	0	0	1	0	0	1
Excellent	0	0	0	0	0	0	0	0	0	0
Average Precipitation	0.61	0.05	0.71	0.84	0.04	0.63	0.78	0.16	0.89	1.59

Precipitation for Week Ending July 15, 2012



Precipitation for Four Weeks Ending July 15, 2012





Missouri Corn and Soybean Condition Supplement



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 800-551-1014 - www.nass.usda.gov

July 16, 2012

Contact: Robert Garino

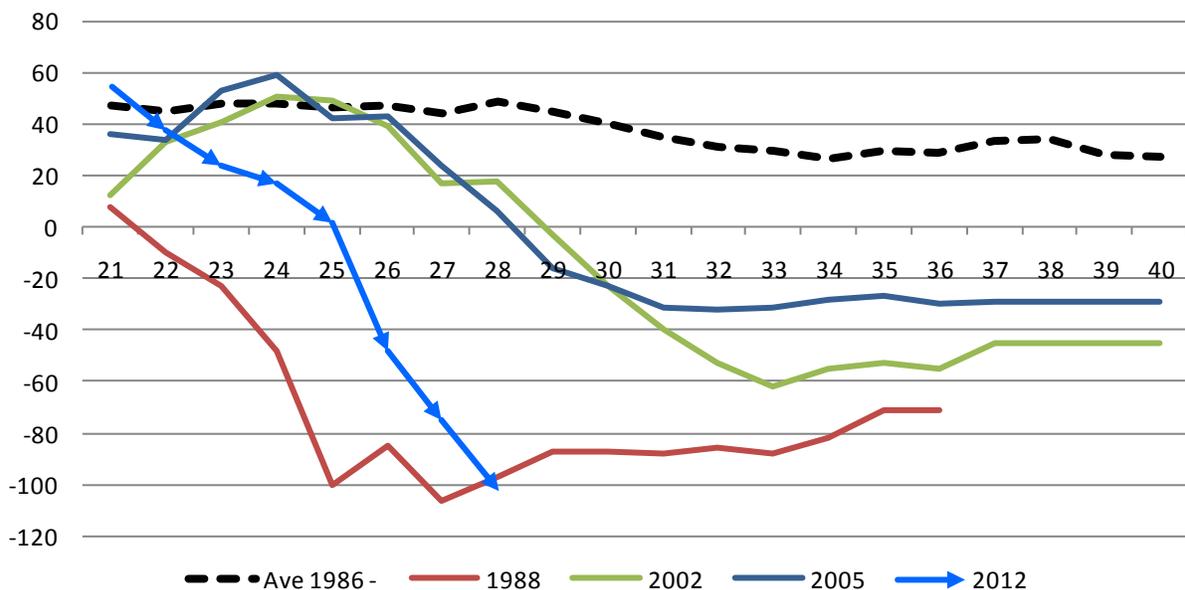
(Columbia, MO) As a way to put this year in a historical perspective, crop condition data from 1986 through 2012 were compared. This data is available on The USDA-NASS website at www.nass.usda.gov. For the purpose of comparison, an index was created where the percent of acres assigned to each condition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

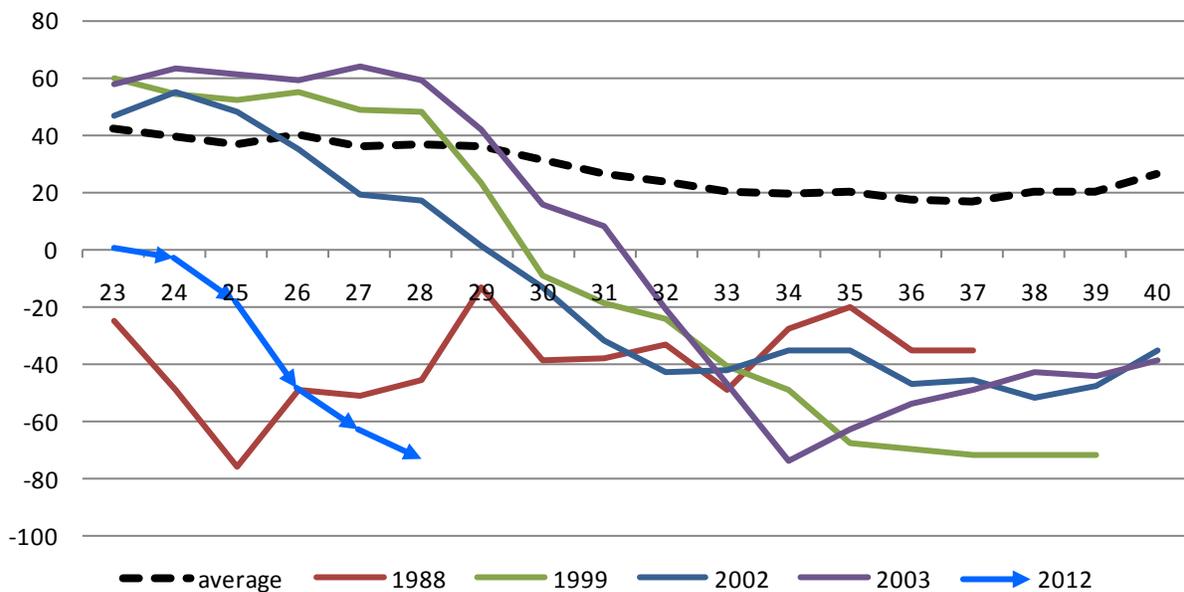
Corn Condition Index by Week



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 28.**

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.

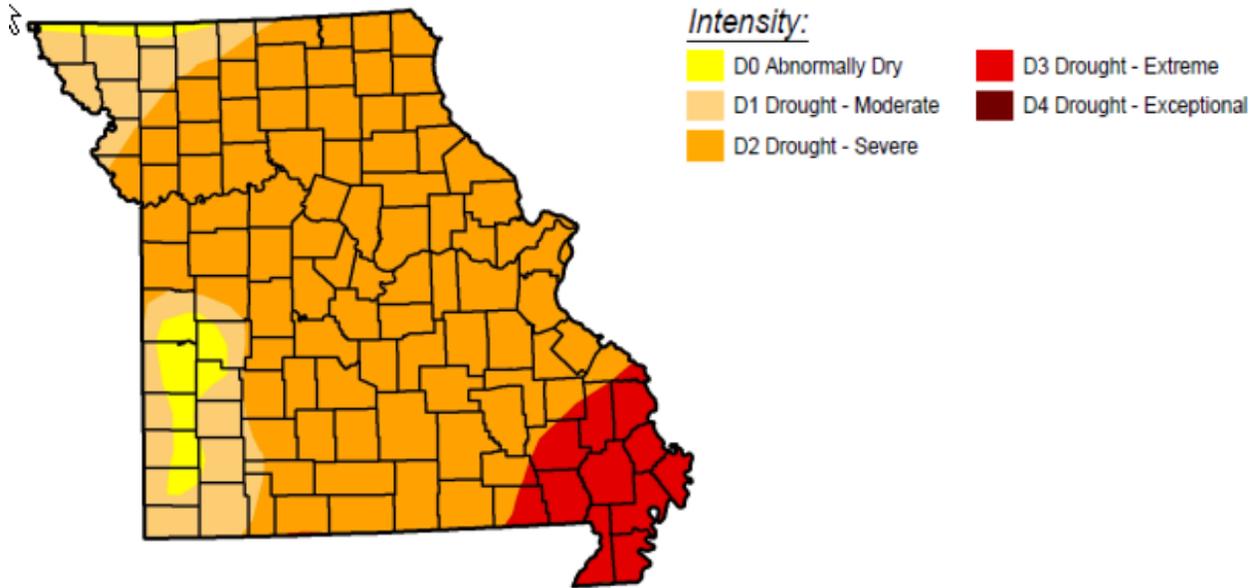
Soybean Condition Index by Week



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

July 10, 2012



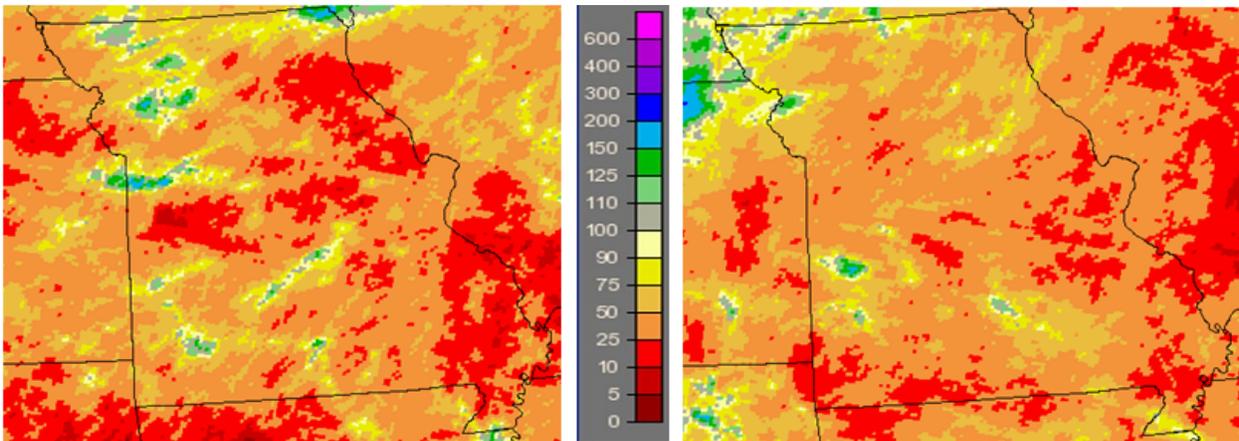
Source: National Drought Mitigation Center, a partnership with USDA, U.S. Department of Commerce/NOAA, <http://droughtmonitor.unl.edu>

Percent of Normal Precipitation

May and June, 2012

May 2012

June 2012



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