



Crop Progress and Condition

Week Ending July 8, 2012

Agricultural Summary

Fire danger was elevated to extreme level due to prolonged above average temperatures coupled with little rainfall. Fires were sparked from machinery and fireworks. Extreme drought created a growing climate that can only be described as bleak. Although there were 6.7 days suitable for fieldwork, **topsoil moisture** declined to 78 percent very short, 19 percent short, and 3 percent adequate. **Subsoil moisture** was 70 percent very short, 26 percent short, and 4 percent adequate.

Field Crops Report

Corn silked was 75 percent, 10 days ahead of last year, and 2 weeks ahead of normal (5-year average). Corn dough stage and beyond was 21 percent, 2 weeks ahead of last year and normal. Corn condition was 28 percent very poor, 32 percent poor, 28 percent fair, 11 percent good, and 1 percent excellent. **Soybeans** blooming and beyond were 30 percent, 8 days ahead of last year, and 10 days ahead of normal. Soybeans setting pods and beyond were 3 percent, 4 and 5 days ahead of last year and normal. Soybean condition was 23 percent very poor, 31 percent poor, 33 percent fair, 12 percent good, and 1 percent excellent. **Cotton** squaring and beyond was 79 percent, 1 week ahead of last year, and 4 days ahead of normal. Cotton setting bolls and beyond was 12 percent, 4 days ahead of last year, but 4 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 4 percent, 2 weeks ahead of last year, and 5 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 17 percent, 18 days ahead of last year, and 9 days ahead of normal. Sorghum turning color and beyond began in 3 districts. **Alfalfa hay** 2nd cutting was 94 percent, 20 days ahead of last year, and 30 days ahead of normal. Alfalfa hay 3rd cutting was 19 percent, 2 weeks ahead of last year, and 3 weeks ahead of normal. **Other hay** cut was 96 percent, one month ahead of last year and normal.

Pasture & Livestock

Pasture condition declined to 48 percent very poor, 39 percent poor, 12 percent fair, and 1 percent good. **Supply of hay and other roughages** was 24 percent very short, 41 percent short, 34 percent adequate, and 1 percent surplus. **Stock water supplies** were 29 percent very short, 41 percent short, and 30 percent adequate.

Weather Summary

Temperatures were 5 to 10 degrees above average. Precipitation averaged 0.28 of an inch. Perry County received 3.24 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

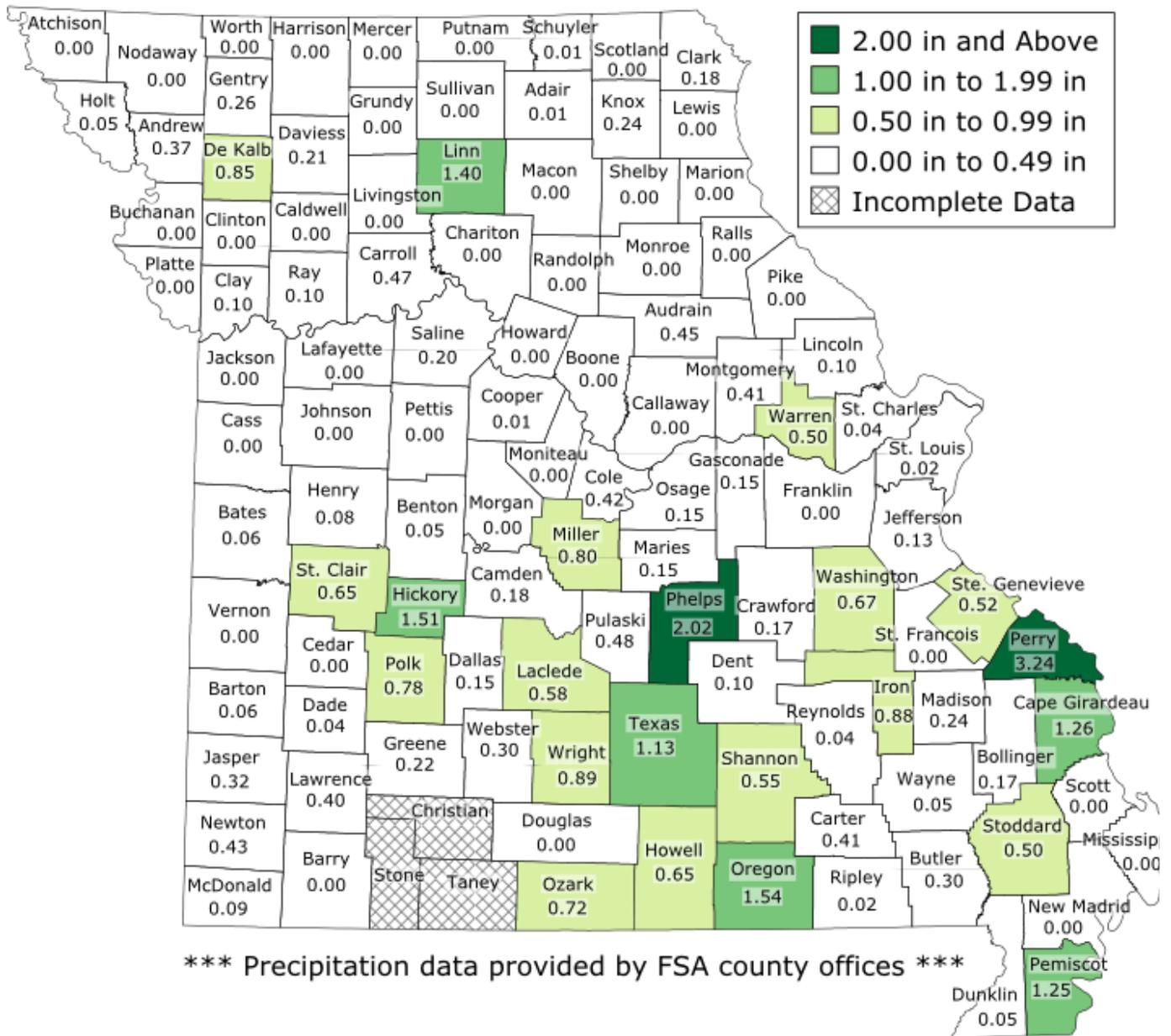
Hourly and daily weather data from stations throughout the state is available at:

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

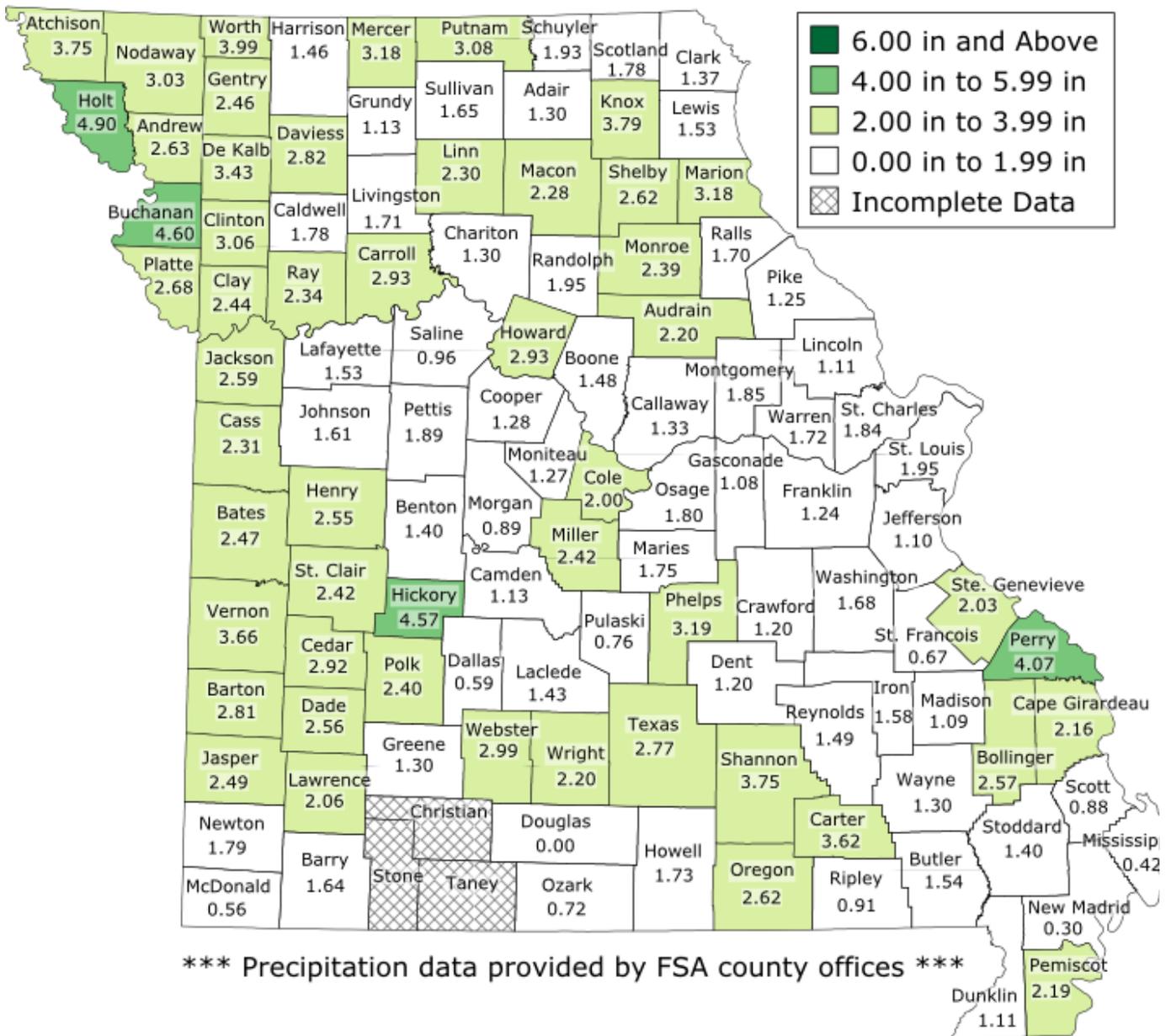
District Summaries As Of July 8, 2012

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.7	6.9	6.9	7.0	7.0	6.7	4.7	7.0	6.8	6.5
Last Year	5.6	5.2	5.1	5.9	6.4	6.5	4.4	6.9	5.1	4.9
Topsoil Moisture Supply										
Very Short	78	62	74	92	79	90	79	60	87	68
Short	19	31	25	7	18	10	21	34	8	27
Adequate	3	7	1	1	3	0	0	6	5	5
Surplus	0	0	0	0	0	0	0	0	0	0
Subsoil Moisture Supply										
Very Short	70	44	63	77	73	89	73	59	93	52
Short	26	46	35	21	23	10	27	32	7	42
Adequate	4	10	2	2	4	1	0	9	0	6
Surplus	0	0	0	0	0	0	0	0	0	0
Corn Silked and Beyond, Percent										
This Year	75	59	63	69	91	81	76	98	78	96
Last Year	36	28	36	23	46	31	36	48	13	55
Normal	42									
Corn Dough Stage and Beyond, Percent										
This Year	21	11	6	18	33	10	24	67	23	41
Normal	2									
Soybeans Blooming and Beyond, Percent										
This Year	30	32	32	32	42	25	14	17	45	29
Last Year	9	9	15	11	12	10	3	0	1	7
Normal	11									
Sorghum Headed and Beyond, Percent										
This Year	17	16	2	0	19	25	24	35	0	25
Last Year	2	5	1	1	9	2	1	1	1	0
Normal	7									
Alfalfa Hay 3rd Cutting, Percent										
This Year	19	8	1	26	35	19	28	54	13	85
Last Year	0	0	0	0	0	0	0	0	0	0
Normal	1									
Corn Condition										
Very Poor	28	8	34	36	32	45	34	12	34	30
Poor	32	26	27	38	41	35	27	33	21	30
Fair	28	46	31	24	21	16	16	41	27	20
Good	11	19	8	2	6	4	23	14	18	13
Excellent	1	1	0	0	0	0	0	0	0	7
Soybean Condition										
Very Poor	23	15	30	20	8	36	24	19	34	26
Poor	31	34	29	31	44	30	32	19	23	30
Fair	33	33	34	41	35	28	25	57	30	27
Good	12	17	7	7	13	6	19	5	13	15
Excellent	1	1	0	1	0	0	0	0	0	2
Supply of Hay and Other Roughages										
Very Short	24	23	24	11	10	20	24	5	53	32
Short	41	45	34	36	53	36	59	30	36	63
Adequate	34	30	41	46	36	44	17	63	11	5
Surplus	1	2	1	7	1	0	0	2	0	0
Stock Water Supplies										
Very Short	29	12	20	13	17	38	38	2	56	64
Short	41	45	42	33	39	45	40	44	38	17
Adequate	30	42	37	50	44	17	22	54	6	19
Surplus	0	1	1	4	0	0	0	0	0	0
Pasture Condition										
Very Poor	48	22	47	36	32	59	63	9	71	81
Poor	39	57	29	41	52	32	30	64	29	17
Fair	12	20	22	18	14	9	5	26	0	2
Good	1	1	2	5	2	0	2	1	0	0
Excellent	0	0	0	0	0	0	0	0	0	0
Average Precipitation	0.28	0.13	0.16	0.09	0.09	0.37	0.46	0.22	0.45	0.42

Precipitation for Week Ending July 8, 2012



Precipitation for Four Weeks Ending July 8, 2012



*** Precipitation data provided by FSA county offices ***



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

July 9, 2012

Contact: Robert Garino

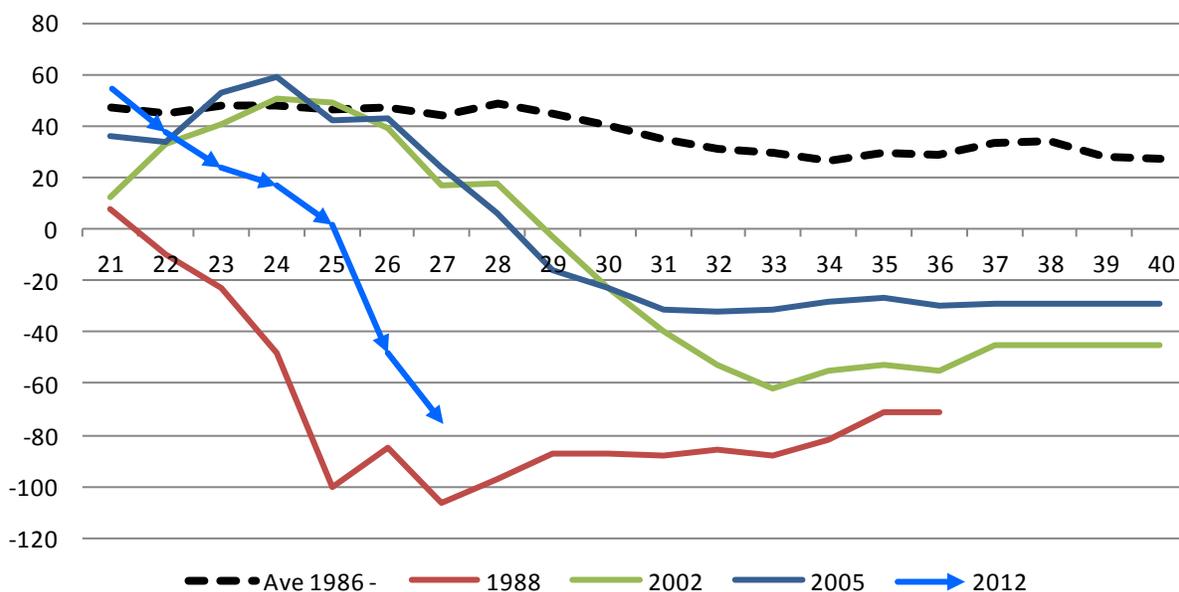
(Columbia, MO) As a way to put this year in a historical perspective, crop condition data from 1986 through 2012 were compared. This data is available on The USDA-NASS website at www.nass.usda.gov. For the purpose of comparison, an index was created where the percent of acres assigned to each condition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

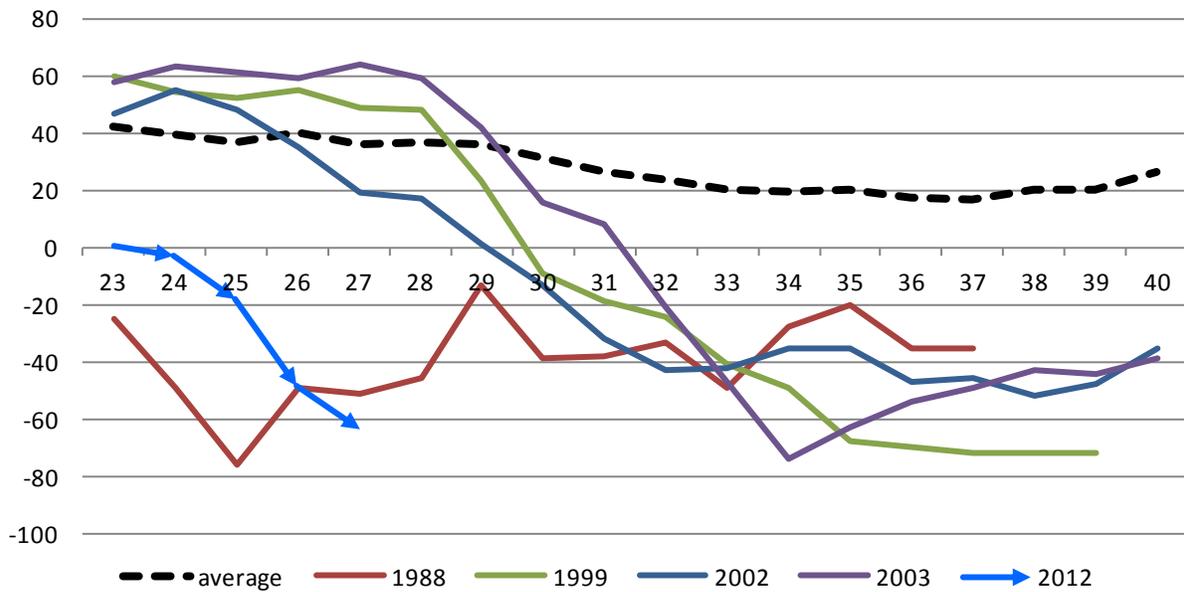
Corn Condition Index by Week



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 27.

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.