



Crop Progress and Condition

Week Ending August 5, 2007

Agricultural Summary

A dry week with hot temperatures inflicted serious stress on pastures and decreased soil moisture. Row crops also came under stress, especially the northeastern quarter of the state. **Topsoil moisture** fell 14 points from last week in the adequate and surplus categories to 37 percent very short, 41 percent short, and 22 percent adequate. **Subsoil moisture** is rated 22 percent very short, 47 percent short, and 31 percent adequate. The most serious moisture deficits are in the north-central, northeast, east-central, and southeast districts. Only the west-central and southwest districts are near or above 50 percent adequate in topsoil and subsoil moisture levels. There were 6.8 **days suitable for fieldwork**.

Field Crops Report

Sixty-nine percent of the **corn** crop is in dough stage, 3 days behind last year and 2 days behind the five-year average of 74 percent. Thirty-two percent is dented, 3 days behind last year and slightly behind normal. Corn condition in the north-central, northeast, central, and east-central districts declined significantly, while the other major corn districts showed modest improvement. A report from the northeast commented that fields in the driest areas are maturing early, which will likely cut yields. Overall, condition is rated 6 percent very poor, 12 percent poor, 29 percent fair, 40 percent good, and 13 percent excellent, a drop of 5 points in good to excellent. Seventy-four percent of the **soybean** crop is blooming, 6 days behind average and 3 days behind the 5-year average of 78 percent. Forty-four percent is setting pods, 2 days behind last year but marginally ahead of normal. Soybean condition is rated 6 percent very poor, 14 percent poor, 36 percent fair, 38 percent good, and 6 percent excellent, 6 points below last week in good to excellent. Considerable deterioration in condition was seen in the same areas as the largest declines in corn condition. **Sorghum** heading is at 66 percent, 8 days behind last year and 3 days behind normal. Twelve percent is turning color, 5 days behind last year 2 days behind average. Sorghum condition is rated 2 percent very poor, 10 percent poor, 38 percent fair, 44 percent good, and 6 percent excellent, down 6 points in good to excellent from last week. **Rice** heading is at 59 percent, even with last year and 2 days ahead of normal. Rice condition is rated 1 percent very poor, 1 percent poor, 16 percent fair, 58 percent good, and 24 percent excellent. **Cotton** setting bolls is at 87 percent, 3 days behind last year but slightly ahead of normal. Four percent of bolls are opening. Cotton condition is rated 5 percent very poor, 16 percent poor, 27 percent fair, 48 percent good, and 4 percent excellent. The third cutting of **alfalfa** is 48 percent complete, over 1 week behind last year and 4 days behind average.

Pasture & Livestock

Pasture condition experienced a sharp decline during the week, falling 10 points in the good and excellent categories to 16 percent very poor, 25 percent poor, 37 percent fair, 19 percent good, and 3 percent excellent. The north-central, northeast, east-central, and southeast districts are all 5 percent or less in good to excellent, while the northwest is not much better at 11 percent. Conditions are better in the west-central and southwest districts, but reporters stated that pasture and hay quality are becoming an issue after severe drought last year, the April freeze, and July flooding. **Hay supply** is rated 12 percent very short, 39 percent short, 48 percent adequate, and 1 percent surplus. All districts are less than 50 percent adequate to surplus except the west-central, central, and southwest. **Stock water supply** is estimated at 4 percent very short, 18 percent short, 77 percent adequate, and 1 percent surplus. While livestock water has not been an issue thus far, reports in the driest areas are starting to indicate shortages.

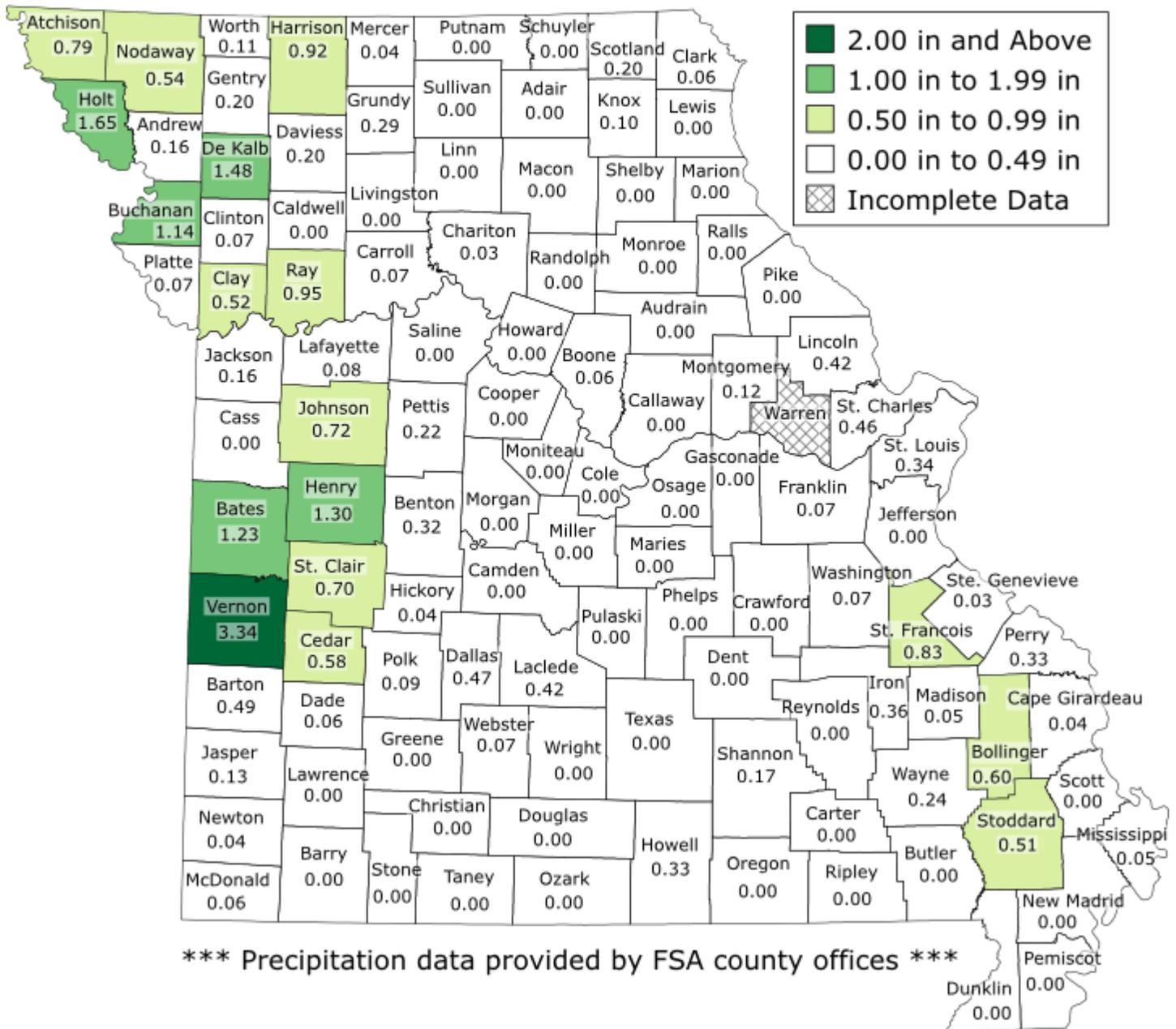
Weather Summary

Temperatures averaged 1 to 2 degrees above normal. High temperatures reached the mid- to upper-90's in most areas. **Rainfall** averaged 0.22 inches, with the west-central district receiving 0.90 inches, the northwest 0.59 inches, and all other districts about two-tenths inch or less.

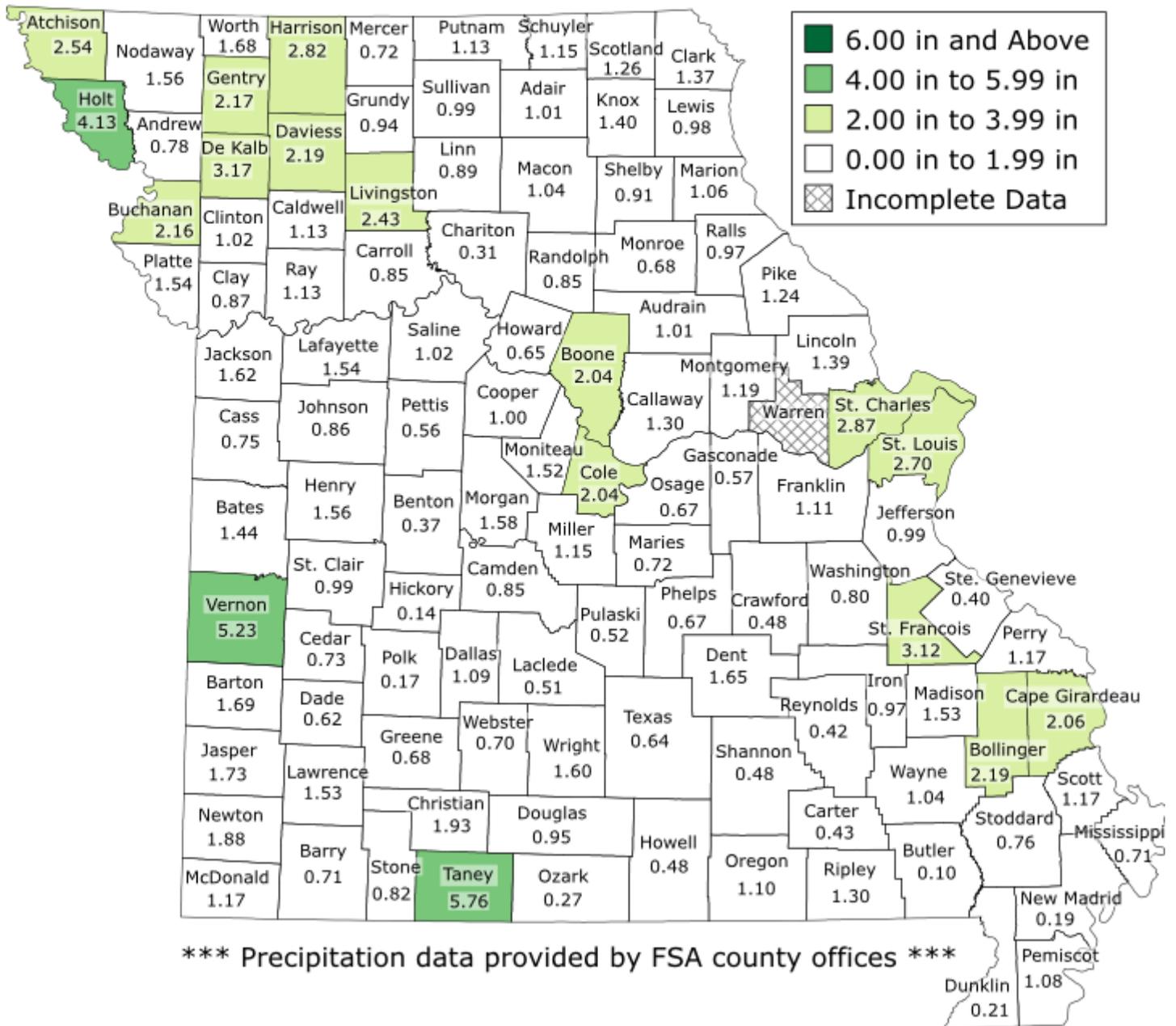
District Summaries As Of August 5, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.8	6.5	6.9	6.9	6.6	6.9	6.8	7.0	6.9	7.0
Last Year	6.5	5.5	6.5	6.5	6.7	6.9	6.8	6.9	6.8	6.2
Topsoil Moisture Supply										
Very Short	37	30	61	66	18	24	50	8	31	51
Short	41	41	35	26	32	56	44	47	39	39
Adequate	22	29	4	8	50	20	6	45	29	11
Surplus	0	0	0	0	0	0	0	0	1	0
Subsoil Moisture Supply										
Very Short	22	14	38	41	3	15	28	10	17	31
Short	47	41	58	37	33	59	56	38	50	41
Adequate	31	45	4	22	63	26	16	52	33	28
Surplus	0	0	0	0	1	0	0	0	0	0
Corn Dented, Percent										
This Year	32	24	17	14	23	46	32	9	50	79
Last Year	41	30	38	27	53	44	21	58	15	71
Normal	34									
Soybeans Setting Pods and Beyond, Percent										
This Year	44	25	37	45	27	60	57	13	33	69
Last Year	49	46	59	51	55	47	36	21	33	50
Normal	43									
Sorghum Headed and Beyond, Percent										
This Year	66	74	59	72	68	59	76	58	66	92
Last Year	85	86	84	80	97	75	77	94	71	99
Normal	73									
Alfalfa Hay 3rd Cutting, Percent										
This Year	48	28	24	37	55	63	51	64	80	93
Last Year	71	68	55	53	92	75	70	80	89	100
Normal	57									
Corn Condition										
Very Poor	6	2	11	12	3	9	4	0	0	4
Poor	12	12	15	21	4	10	16	0	6	10
Fair	29	34	31	38	16	16	40	22	18	22
Good	40	36	38	24	53	56	31	66	32	45
Excellent	13	16	5	5	24	9	9	12	44	19
Soybean Condition										
Very Poor	6	1	6	4	9	7	2	0	3	14
Poor	14	11	22	19	4	8	12	1	5	19
Fair	36	39	39	44	33	36	45	17	30	30
Good	38	43	31	31	44	46	36	82	25	28
Excellent	6	6	2	2	10	3	5	0	37	9
Sorghum Condition										
Very Poor	2	0	5	2	1	0	2	0	4	7
Poor	10	4	18	10	4	6	10	0	16	24
Fair	38	37	49	37	42	32	54	39	13	36
Good	44	53	27	43	42	61	31	49	53	31
Excellent	6	6	1	8	11	1	3	12	14	2
Supply of Hay and Other Roughages										
Very Short	12	23	22	22	5	3	21	2	8	54
Short	39	38	43	48	26	43	42	6	60	23
Adequate	48	38	33	28	68	53	35	90	31	23
Surplus	1	1	2	2	1	1	2	2	1	0
Stock Water Supplies										
Very Short	4	5	4	10	0	1	3	2	4	55
Short	18	32	18	28	6	19	35	5	11	20
Adequate	77	62	78	58	89	80	59	93	84	25
Surplus	1	1	0	4	5	0	3	0	1	0
Pasture Condition										
Very Poor	16	24	37	36	3	2	20	1	18	53
Poor	25	34	35	32	11	21	44	12	29	40
Fair	37	31	23	28	50	52	34	38	30	7
Good	19	11	5	4	32	22	2	37	21	0
Excellent	3	0	0	0	4	3	0	12	2	0
Average Precipitation										
	0.22	0.59	0.04	0.04	0.90	0.08	0.21	0.08	0.11	0.07

Precipitation for Week Ending August 5, 2007



Precipitation for Four Weeks Ending August 5, 2007



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