



Crop Progress and Condition

Week Ending August 12, 2007

Agricultural Summary

Thunderstorms brought needed moisture to crops and pastures in most counties across the northern third of the state. However, the remainder of the state experienced little to no relief from dryness and very hot temperatures, which reached 100 degrees or above in many areas. As a result, row crop and pasture conditions deteriorated considerably. All districts are 11 percent or less in the adequate and surplus categories for **topsoil moisture** except the northwest, north-central, and west-central; of those three, the northwest improved by 18 points to 47 percent adequate to surplus, the north-central improved by 15 points to 19 percent, but the west-central plunged 29 points to 21 percent. Topsoil moisture at the state level is rated 42 percent very short, 42 percent short, 15 percent adequate, and 1 percent surplus. There were 6.3 **days suitable for fieldwork**.

Field Crops Report

Eighty-five percent of the **corn** crop is in dough stage, 5 days behind last year but the same as the five-year average. Forty-nine percent is dented, 5 days behind last year and 2 days behind normal. There were reports of corn blown over by high winds during thunderstorms in the northwest. Reporters indicate that corn in the driest areas continues to mature rapidly. The condition rating fell by 9 points in good to excellent from last week to 8 percent very poor, 15 percent poor, 33 percent fair, 37 percent good, and 7 percent excellent. **Soybean** blooming is at 80 percent, 9 days behind last year and 6 days behind average. Fifty-eight percent is setting pods, 4 days behind last year and slightly behind the 5-year average of 60 percent. Soybean condition is rated 8 percent very poor, 17 percent poor, 39 percent fair, 32 percent good, and 4 percent excellent, a decline of 8 points from last week in good to excellent. Reporters wrote that pod filling is very slow, while a Franklin County reporter commented that areas of the driest fields are wilting. Double-crop soybeans in many areas are short and struggling to grow. **Sorghum** heading is at 79 percent, 10 days behind last year and 4 days behind normal. Twenty-five percent is turning color, 5 days behind last year and marginally behind average. Isolated fields have reached maturity in the northeast, south-central, and southeast regions. Sorghum condition is rated 3 percent very poor, 12 percent poor, 45 percent fair, 37 percent good, and 3 percent excellent, down 10 points in good to excellent from last week. **Rice** heading is at 80 percent, even with last year but 3 days ahead of normal. Rice condition is rated 2 percent very poor, 2 percent poor, 19 percent fair, 55 percent good, and 22 percent excellent. **Cotton** setting bolls is at 91 percent, at least 3 days behind last year and normal. Thirteen percent of bolls are opening, 10 days ahead of last year and 13 days ahead of average. Cotton condition is rated 9 percent very poor, 23 percent poor, 28 percent fair, 35 percent good, and 5 percent excellent. The third cutting of **alfalfa** is 63 percent complete, 10 days behind last year and 4 days behind average.

Pasture & Livestock

Pasture condition fell by 10 points in the good and excellent categories for the second week in a row, rated 28 percent very poor, 27 percent poor, 33 percent fair, and 12 percent good. Reports of producers feeding hay are common in most districts. Livestock water shortages are still isolated, although concern is mounting, especially in the northeast, central, east-central, and south-central districts.

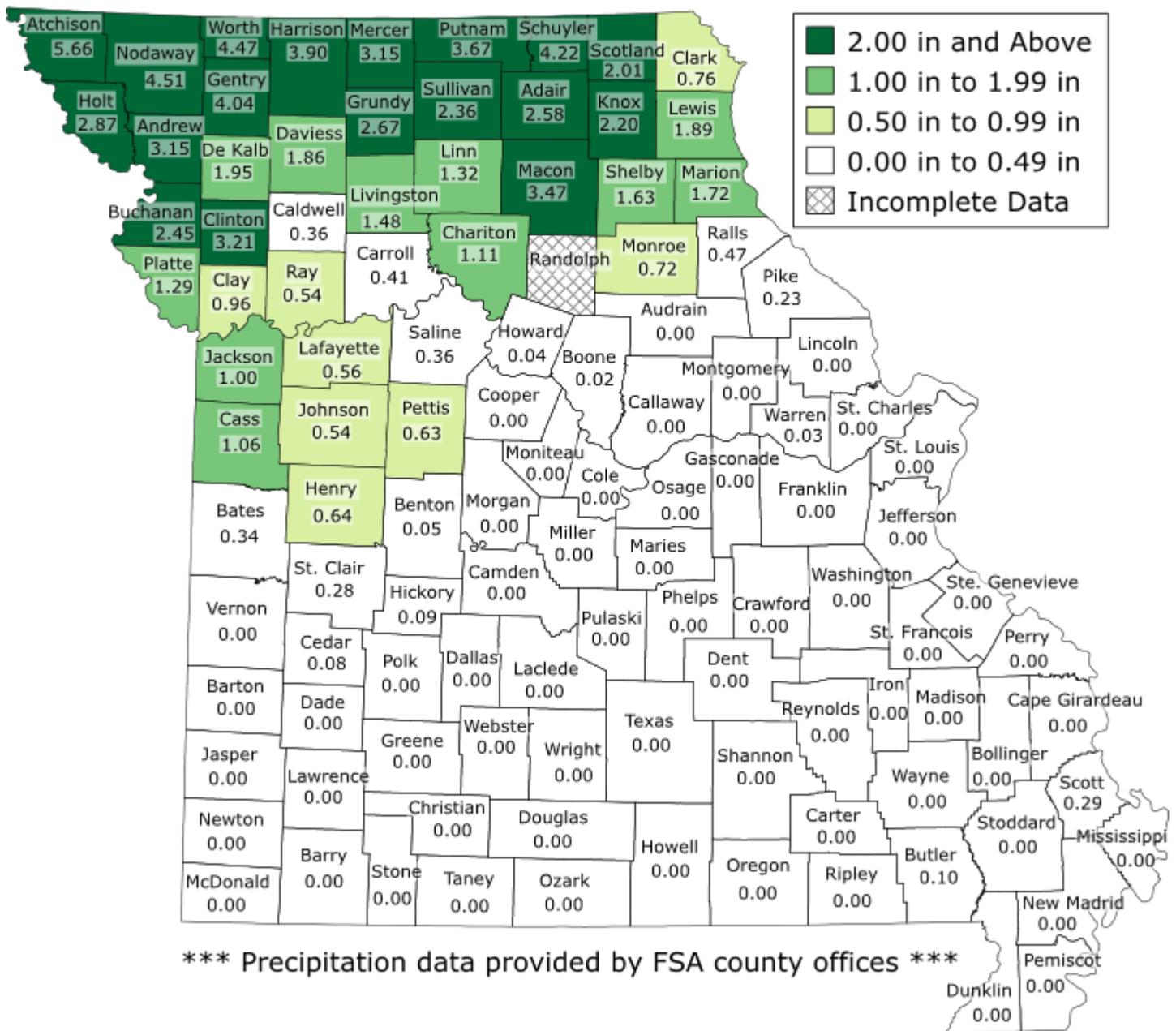
Weather Summary

Average **temperatures** of 6 to 10 degrees above normal were common throughout the state. All but far northern areas saw high temperatures reach 100 degrees or above, including 107 in Shannon County and 106 in Crawford County. **Rainfall** averaged 0.75 inches, nearly all of it in the three northern districts. The northwest received 2.75 inches, the north-central 2.22, the northeast 1.16, and the west-central 0.50. All other districts received little to no rain.

District Summaries As Of August 12, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.3	4.6	5.5	5.8	6.8	6.9	6.8	7.0	5.9	7.0
Last Year	5.9	5.1	5.2	5.2	6.8	6.8	6.0	6.6	6.3	5.6
Topsoil Moisture Supply										
Very Short	42	4	33	64	25	49	62	28	57	65
Short	42	49	48	27	54	44	31	69	32	28
Adequate	15	43	19	9	21	7	7	3	11	7
Surplus	1	4	0	0	0	0	0	0	0	0
Corn Dough Stage and Beyond, Percent										
This Year	85	79	76	85	86	92	90	69	100	98
Last Year	92	90	95	87	92	99	89	99	70	99
Normal	85									
Corn Dented, Percent										
This Year	49	43	41	35	39	63	47	27	66	86
Last Year	65	53	67	52	73	75	55	87	20	80
Normal	55									
Soybeans Blooming and Beyond, Percent										
This Year	80	70	75	95	72	93	92	22	85	92
Last Year	91	91	97	95	92	96	92	80	79	85
Normal	87									
Soybeans Setting Pods and Beyond, Percent										
This Year	58	45	46	65	49	64	73	17	39	79
Last Year	68	67	81	72	68	65	65	31	38	65
Normal	60									
Sorghum Headed and Beyond, Percent										
This Year	79	77	66	93	88	74	83	60	76	98
Last Year	91	93	95	92	100	80	81	97	85	100
Normal	84									
Sorghum Turning Color and Beyond, Percent										
This Year	25	26	18	19	30	13	37	24	23	46
Last Year	41	45	29	25	69	22	15	66	19	59
Normal	27									
Alfalfa Hay 3rd Cutting, Percent										
This Year	63	50	37	51	89	70	79	89	84	98
Last Year	80	86	59	71	95	86	88	83	93	100
Normal	69									
Corn Condition										
Very Poor	8	7	9	12	3	12	1	0	1	5
Poor	15	20	21	21	5	9	18	0	9	13
Fair	33	34	36	33	22	30	49	45	17	29
Good	37	32	33	27	60	42	27	53	28	42
Excellent	7	7	1	7	10	7	5	2	45	11
Soybean Condition										
Very Poor	8	2	6	7	7	10	2	0	8	17
Poor	17	10	23	21	9	9	12	7	12	23
Fair	39	44	41	39	45	37	57	25	26	30
Good	32	38	30	30	32	43	29	68	18	22
Excellent	4	6	0	3	7	1	0	0	36	8
Sorghum Condition										
Very Poor	3	0	5	4	3	0	1	0	8	8
Poor	12	3	22	10	3	12	17	2	15	27
Fair	45	40	50	37	51	47	51	67	22	39
Good	37	50	23	47	39	41	27	28	43	23
Excellent	3	7	0	2	4	0	4	3	12	3
Pasture Condition										
Very Poor	28	21	46	50	5	14	33	14	49	65
Poor	27	28	25	31	11	36	57	24	21	30
Fair	33	39	28	15	50	39	10	49	17	5
Good	12	12	1	3	33	11	0	13	13	0
Excellent	0	0	0	1	1	0	0	0	0	0
Average Precipitation	0.75	2.75	2.22	1.16	0.50	0.06	0.00	0.00	0.00	0.05

Precipitation for Week Ending August 12, 2007



Precipitation for Four Weeks Ending August 12, 2007

