



## Crop Progress and Condition

**Week Ending July 1, 2007**

### Agricultural Summary

Soaking rains fell nearly statewide, providing excellent conditions for early corn in the silking and pollination stages. However, excessive rain in especially the west-central and southwest districts caused lowland flooding, state and county road closures, and significant delays to the wheat harvest, which, in turn, set back double-crop soybean planting. Reporters indicate significant wheat acreage could be lost in some counties. Rainfall totals as high as 17 inches were reported. **Topsoil moisture** rates 3 percent very short, 15 percent short, 61 percent adequate, and 21 percent surplus. The far northwestern section of the state missed most of the rain, causing a moderate decline in topsoil moisture supply in that district. However, the northwest has mostly adequate subsoil moisture, as does most of the state. State-level **subsoil moisture** rates 3 percent very short, 16 percent short, 73 percent adequate, and 8 percent surplus. There were 3.7 **days suitable for fieldwork**.

### Field Crops Report

The **corn** crop is 44 percent silked, nearly even with last year and 3 days ahead of the 5-year average of 37 percent. Moderate temperatures and adequate soil moisture have resulted in very few reports of stress as the bulk of the crop enters pollination. Condition of the crop rates 3 percent very poor, 5 percent poor, 27 percent fair, 49 percent good, and 16 percent excellent. Ninety-five percent of the **soybean** crop is planted, while 90 percent is emerged. Producers in west-central and southwestern areas are still waiting to plant double-crop soybeans, but reporters are expecting the wait will get too long, resulting in substantial reductions in double-crop acres from normal levels. Soybean blooming is at 8 percent, nearly even with the 5 year average of 9 percent. Condition is rated 3 percent very poor, 6 percent poor, 34 percent fair, 49 percent good, and 8 percent excellent. **Sorghum** planting is 93 percent complete, with 9 percent headed. Condition is rated 1 percent very poor, 4 percent poor, 33 percent fair, 58 percent good, and 4 percent excellent. **Rice** heading moved up 1 point from last week to 3 percent complete, with condition rated 3 percent poor, 24 percent fair, 45 percent good, and 28 percent excellent. **Cotton** squaring is at 78 percent, about 1 week ahead of last year and average. Twenty-four percent is setting bolls, well ahead of 7 percent as normal. Cotton condition is rated 9 percent very poor, 12 percent poor, 33 percent fair, 39 percent good, and 7 percent excellent. **Wheat** harvest is 67 percent complete, 12 days behind last year and 5 days behind normal. Harvest has been seriously hampered in areas that received heavy rains. The west-central district is 42 percent harvested compared to 97 percent last year, while the southwest is at 21 percent compared to 92 percent last year. Standing water has many fields severely lodged, heads turning gray, and grain sprouting in the heads. The second **alfalfa** cutting is 35 percent harvested, 11 days behind last year and 1 week behind normal. **Other hay** is 78 percent cut, 1 week behind last year and 3 days behind average.

### Pasture & Livestock

**Pasture** condition improved moderately from last week to 2 percent very poor, 10 percent poor, 41 percent fair, 40 percent good, and 7 percent excellent. **Hay supply** is rated 7 percent very short, 34 percent short, 57 percent adequate, and 2 percent surplus. A majority of areas in the northwest, north-central, east-central, and southwest districts are rated short to very short. **Stock water supplies** are 1 percent very short, 5 percent short, 75 percent adequate, and 19 percent surplus, with the Bootheel the only area of concern due to dryness in recent weeks.

### Weather Summary

**Temperatures** were 1 to 3 degrees below average over most of the state, while south-central and southeastern areas were normal to slightly above normal. **Rainfall** averaged 2.89 inches, ranging from 0.84 in the northwest to 7.54 in the west-central. Notable county totals in the west-central district include Cass at 11.11 inches, Vernon at 8.97, Henry at 8.40, St. Clair at 7.77, and Bates at 6.66; the southwest district included Barton at 8.08 and Lawrence at 6.72. Many other counties throughout the state received 4 inches or more. Isolated severe storms occurred along with the heavy rainfall. A tornado touched down in Polk County, causing some structural damage.

**District Summaries As Of July 1, 2007**

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	3.7	5.3	3.2	4.5	1.7	2.8	3.5	1.4	4.3	4.9
Last Year	5.5	4.9	4.6	5.4	5.9	5.8	5.3	6.2	6.5	5.3
Topsoil Moisture Supply										
Very Short	3	6	4	12	0	0	5	0	0	2
Short	15	35	19	21	0	0	19	0	8	36
Adequate	61	53	60	56	27	75	73	43	81	62
Surplus	21	6	17	11	73	25	3	57	11	0
Subsoil Moisture Supply										
Very Short	3	1	5	10	0	0	3	0	0	8
Short	16	18	11	30	0	1	31	0	25	32
Adequate	73	80	83	59	46	94	65	78	69	60
Surplus	8	1	1	1	54	5	1	22	6	0
Corn Silked and Beyond, Percent										
This Year	44	37	44	17	36	66	45	22	65	94
Last Year	45	10	33	35	54	61	40	89	32	85
Normal	37									
Soybeans Blooming and Beyond, Percent										
This Year	8	2	3	8	2	10	6	0	4	23
Last Year	11	8	8	14	9	14	27	1	4	6
Normal	9									
Sorghum Headed and Beyond, Percent										
This Year	9	13	4	4	4	6	25	10	4	10
Last Year	5	1	8	0	4	8	9	1	8	16
Normal	4									
Winter Wheat Harvested, Percent										
This Year	67	51	58	62	42	79	89	21	90	100
Last Year	92	55	75	80	97	93	90	92	96	100
Normal	84									
Alfalfa Hay 2nd Cutting, Percent										
This Year	35	17	26	25	35	56	46	41	73	91
Last Year	65	66	38	51	86	74	68	75	85	98
Normal	56									
Other Hay Cut, Percent										
This Year	78	83	61	78	60	84	88	73	87	98
Last Year	86	90	70	83	87	87	89	91	91	94
Normal	81									
Corn Condition										
Very Poor	3	4	1	1	1	5	0	0	0	5
Poor	5	4	1	4	5	5	9	2	3	16
Fair	27	31	32	27	20	15	32	29	5	32
Good	49	40	47	56	57	64	50	58	55	31
Excellent	16	21	19	12	17	11	9	11	37	16
Soybean Condition										
Very Poor	3	1	1	2	4	4	0	0	0	6
Poor	6	2	2	5	8	7	5	2	0	12
Fair	34	45	32	28	39	22	34	16	0	36
Good	49	48	50	60	42	60	58	81	58	33
Excellent	8	4	15	5	7	7	3	1	42	13
Sorghum Condition										
Very Poor	1	0	1	0	3	0	2	0	0	1
Poor	4	1	1	4	5	0	4	12	0	17
Fair	33	44	31	38	45	16	43	42	3	38
Good	58	51	62	55	46	82	48	41	87	33
Excellent	4	4	5	3	1	2	3	5	10	11
Supply of Hay and Other Roughages										
Very Short	7	12	21	11	4	0	6	0	2	75
Short	34	57	35	35	41	29	48	15	33	8
Adequate	57	30	43	48	55	68	46	84	63	17
Surplus	2	1	1	6	0	3	0	1	2	0

**District Summaries As Of July 1, 2007 (continued)**

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Stock Water Supplies										
Very Short	1	1	2	3	0	0	2	0	0	1
Short	5	6	5	13	0	0	15	0	4	77
Adequate	75	87	79	77	43	81	76	52	92	22
Surplus	19	6	14	7	57	19	7	48	4	0
Pasture Condition										
Very Poor	2	2	3	11	0	0	7	0	0	45
Poor	10	10	21	34	3	4	18	1	11	5
Fair	41	51	52	37	34	37	41	25	43	25
Good	40	35	19	17	54	50	34	54	43	22
Excellent	7	2	5	1	9	9	0	20	3	3
Average Precipitation	2.89	0.84	1.46	2.41	7.54	4.00	1.86	3.64	2.79	2.36

# Precipitation for Week Ending July 1, 2007



