



## Crop Progress and Condition

**Week Ending July 15, 2007**

### Agricultural Summary

The week was mostly dry, with 6.2 **days suitable for fieldwork**. Moderate temperatures were present for most of the week, helping to limit stress on row crops in critical reproductive stages. While state-wide crop and pasture conditions remained stable from last week, reporters across the three northern districts as well as the east-central and southeast regions indicate the need for rain to replenish soil moisture. **Topsoil moisture** fell 12 points from last week in the adequate and surplus categories to 9 percent very short, 29 percent short, 57 percent adequate, and 5 percent surplus. Serious damage is evident over much of Bates and Vernon counties from flooding. Flood waters have yet to recede on some fields, while other bottomlands have silt, sand, brush, and debris scattered on them. Roads, terraces, waterways, dikes, and fencing were washed out in many areas. Considerable acreages of corn, soybeans, and wheat were lost.

### Field Crops Report

The **corn** crop is 77 percent silked, even with average, while 18 percent is in dough stage, slightly behind normal. The crop is rated 2 percent very poor, 6 percent poor, 26 percent fair, 49 percent good, and 17 percent excellent, stable from last week. **Soybean** emergence is at 96 percent. Reporters in west-central and southwest areas indicate that farmers with flooded fields have given up on planting double-crop soybeans, resulting in less double-crop acreage than normal. Thirty-five percent of soybeans are blooming, while 7 percent are setting pods, both on pace with the 5-year averages. Soybean condition is rated 3 percent very poor, 6 percent poor, 34 percent fair, 49 percent good, and 8 percent excellent. **Sorghum** heading is at 28 percent, about 2 to 3 days ahead of last year and normal. One percent is turning color, mostly in the east-central district. Sorghum condition is rated 1 percent very poor, 5 percent poor, 31 percent fair, 58 percent good, and 5 percent excellent. **Rice** heading is at 9 percent, slightly behind normal. Rice condition is rated 2 percent poor, 13 percent fair, 61 percent good, and 24 percent excellent. **Cotton** squaring is at 94 percent, about 1 week ahead of both last year and average. Fifty percent is setting bolls, 4 days ahead of average. Cotton condition is rated 4 percent very poor, 9 percent poor, 28 percent fair, 54 percent good, and 5 percent excellent. **Wheat** harvest is 92 percent complete compared with 99 percent as normal. Farmers in the flooded areas of the west-central district opted to burn some fields because of severe lodging and quality deterioration. Second-cutting **alfalfa** is 76 percent harvested, 1 week behind normal, while the third cutting is 7 percent done, 4 days behind normal. **Other hay** is 87 percent cut, 13 days behind last year and 8 days behind average.

### Pasture & Livestock

**Pasture** condition is rated 5 percent very poor, 12 percent poor, 41 percent fair, 37 percent good, and 5 percent excellent. Deteriorating pasture conditions and short hay yields in the northwest, northeast, and southeast districts are causing livestock producers to search out extra hay acres to cut or begin supplemental feeding.

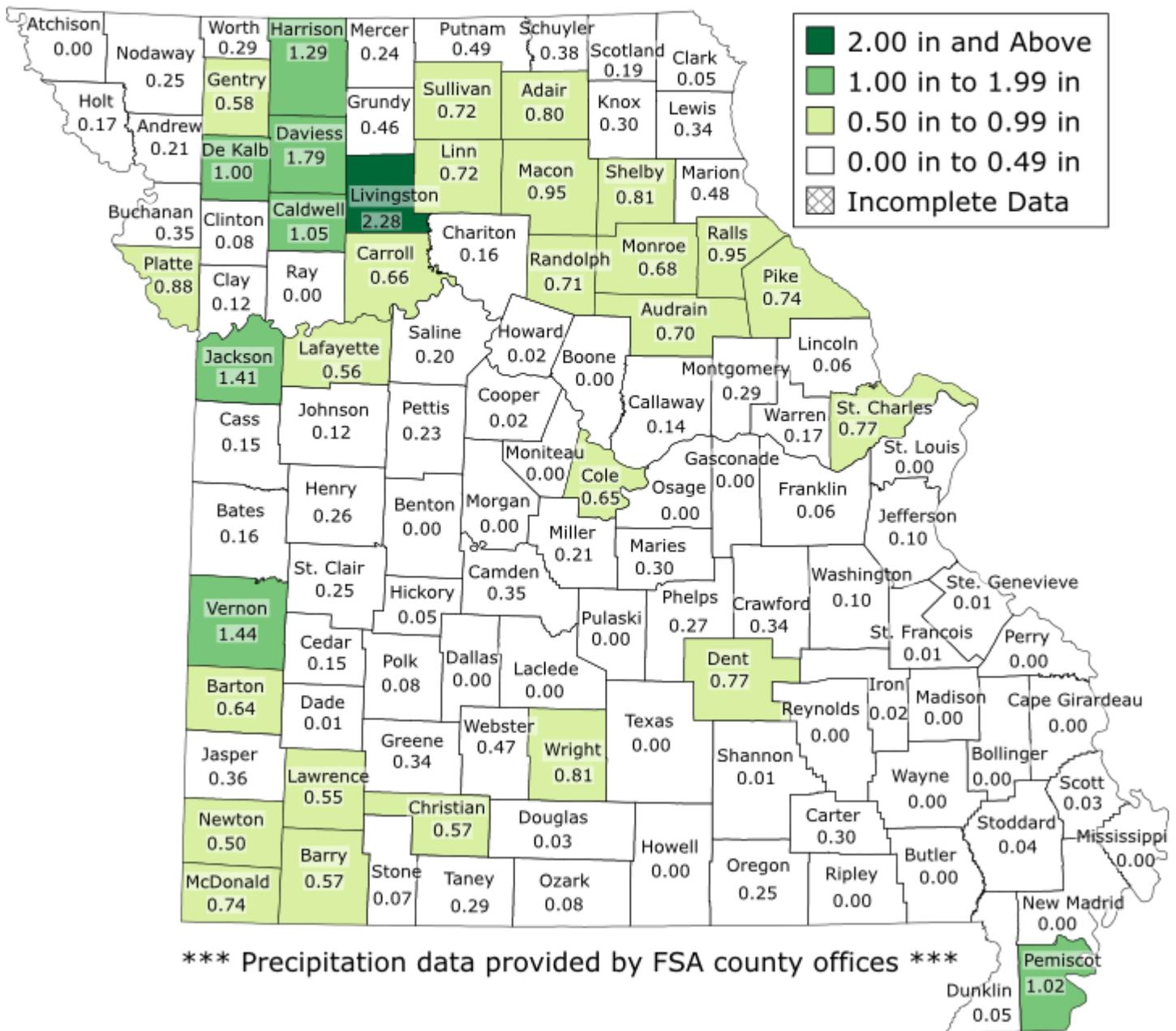
### Weather Summary

**Temperatures** averaged 2 to 5 degrees below normal in most areas, with average high temperatures in the mid- to upper- 80's throughout the state. **Rainfall** averaged 0.34 inches. The north-central received the most at 0.71 inches. All other districts received about one-half inch or less.

**District Summaries As Of July 15, 2007**

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.2	6.3	5.6	6.1	5.7	6.6	6.8	5.7	6.6	6.7
Last Year	4.8	5.4	5.5	5.2	4.8	5.2	4.9	5.1	4.2	2.6
Topsoil Moisture Supply										
Very Short	9	20	11	19	0	2	13	0	0	13
Short	29	40	39	29	0	25	47	10	32	40
Adequate	57	33	48	49	77	68	40	89	65	47
Surplus	5	7	2	3	23	5	0	1	3	0
Corn Silked and Beyond, Percent										
This Year	77	75	68	65	72	83	87	57	97	100
Last Year	83	68	80	84	95	94	70	100	60	97
Normal	77									
Corn Dough Stage and Beyond, Percent										
This Year	18	3	8	11	26	41	21	8	54	37
Last Year	20	11	10	9	19	9	9	44	9	54
Normal	20									
Soybeans Blooming and Beyond, Percent										
This Year	35	17	31	51	18	38	54	6	30	48
Last Year	43	44	45	53	53	44	48	13	28	35
Normal	34									
Sorghum Headed and Beyond, Percent										
This Year	28	32	33	13	33	13	42	37	40	26
Last Year	22	7	12	2	26	21	39	17	28	47
Normal	20									
Winter Wheat Harvested, Percent										
This Year	92	87	97	100	67	99	100	83	100	100
Last Year	100									
Normal	99									
Alfalfa Hay 2nd Cutting, Percent										
This Year	76	72	55	77	70	75	89	92	96	97
Last Year	90	91	79	77	93	99	95	100	98	100
Normal	86									
Other Hay Cut, Percent										
This Year	87	86	77	91	74	92	95	87	96	99
Last Year	94	96	86	93	92	95	96	95	96	100
Normal	92									
Corn Condition										
Very Poor	2	2	1	2	4	5	0	0	0	4
Poor	6	8	2	6	5	5	8	3	2	7
Fair	26	39	27	23	14	16	34	19	9	21
Good	49	38	51	51	53	63	45	67	37	48
Excellent	17	13	19	18	24	11	13	11	52	20
Soybean Condition										
Very Poor	3	1	2	1	11	4	0	0	0	4
Poor	6	4	3	8	8	7	2	1	3	7
Fair	34	52	33	27	21	29	38	35	17	32
Good	49	40	48	55	50	55	53	64	34	46
Excellent	8	3	14	9	10	5	7	0	46	11
Sorghum Condition										
Very Poor	1	0	0	0	4	0	2	0	0	1
Poor	5	2	1	6	6	0	5	13	0	12
Fair	31	51	27	25	33	21	39	38	17	32
Good	58	45	69	59	53	77	47	46	71	49
Excellent	5	2	3	10	4	2	7	3	12	6
Pasture Condition										
Very Poor	5	3	10	22	3	1	6	0	0	39
Poor	12	19	25	21	3	3	13	0	26	7
Fair	41	60	37	35	36	45	40	33	36	32
Good	37	18	26	17	47	46	41	55	34	22
Excellent	5	0	2	5	11	5	0	12	4	0
Average Precipitation										
	0.34	0.54	0.71	0.52	0.50	0.13	0.15	0.44	0.18	0.14

# Precipitation for Week Ending July 15, 2007



# Precipitation for Four Weeks Ending July 15, 2007

