



Crop Progress and Condition

Week Ending September 02, 2007

Agricultural Summary

A week of clear weather enabled corn harvest to progress, during which farmers found generally good yields. However, the dryness increased stress levels on pastures and soybeans. Livestock producers in most areas are feeding supplemental hay much earlier than normal. Walnut caterpillars completely stripped leaves from pecan and walnut groves in Vernon County, although the impact will be minimal since the trees were already damaged by the April freeze. **Topsoil moisture** rates 38 percent very short, 33 percent short, 28 percent adequate, and 1 percent surplus. **Subsoil moisture** is rated 27 percent very short, 43 percent short, and 30 percent adequate. There were 6.8 **days suitable for fieldwork**.

Field Crops Report

The **corn** crop is 91 percent dented, 5 days behind last year but slightly ahead of normal. Fifty-seven percent is mature, 4 days behind last year and 1 percentage point behind the 5-year average. Early yield reports in northern and west-central areas range from near average to excellent. Some fields are very dry, with one catching on fire in Lincoln County. Overall, the state is 16 percent harvested, 2 days behind last year but about 3 days ahead of normal. The condition rating is 8 percent very poor, 16 percent poor, 31 percent fair, 37 percent good, and 8 percent excellent. Ninety-four percent of the **soybean** crop is setting pods, 5 days behind last year and marginally behind average. Twenty-two percent is turning color, slightly ahead of the 5-year average of 20 percent. Seven percent is dropping leaves. Soybean condition dropped 3 points in good to excellent from last week, with the crop in the southern two-thirds of the state struggling with heat and dryness, especially double-crop beans. The overall condition rates 10 percent very poor, 19 percent poor, 38 percent fair, 28 percent good, and 5 percent excellent. **Sorghum** heading is at 93 percent compared with 99 percent as normal. Fifty-eight percent is turning color, nearly 2 weeks behind last year and about 1 week behind average. Nineteen percent has reached maturity, 6 days behind last year and 2 days behind normal. Harvest is 5 percent complete, mostly in south-central and southeastern counties. Sorghum condition is rated 3 percent very poor, 12 percent poor, 45 percent fair, 38 percent good, and 2 percent excellent. **Rice** harvest is running well ahead of normal at 8 percent complete. Condition rates 1 percent very poor, 2 percent poor, 20 percent fair, 55 percent good, and 22 percent excellent. The **cotton** crop has 71 percent with bolls opening, about 2 weeks ahead of last year and 3 weeks ahead of average as the heat and dryness have pushed maturity. Cotton condition is rated 10 percent very poor, 25 percent poor, 26 percent fair, 34 percent good, and 5 percent excellent. The third cutting of **alfalfa** is 86 percent complete, 2 weeks behind last year and slightly behind the 5-year average.

Pasture & Livestock

Pasture condition is rated 28 percent very poor, 29 percent poor, 31 percent fair, 11 percent good, and 1 percent excellent, with a few points from the fair category slipping to poor and very poor. **Hay supply** is rated 18 percent very short, 29 percent short, 52 percent adequate, and 1 percent surplus. **Stock water** supply is rated 8 percent very short, 23 percent short, 68 percent adequate, and 1 percent surplus. Fire is becoming a danger on dry pastures in south-central areas, making hay shortages worse. While most fires have been small, one blaze burned over 100 acres. Producers in Bates and Vernon Counties are reseeding pastures lost to July flooding. Several producers are beginning to liquidate cow herds in some east-central and south-central counties. Others are selling calves earlier than normal. Some will try to pasture corn stalks and waterways to alleviate the hay shortage.

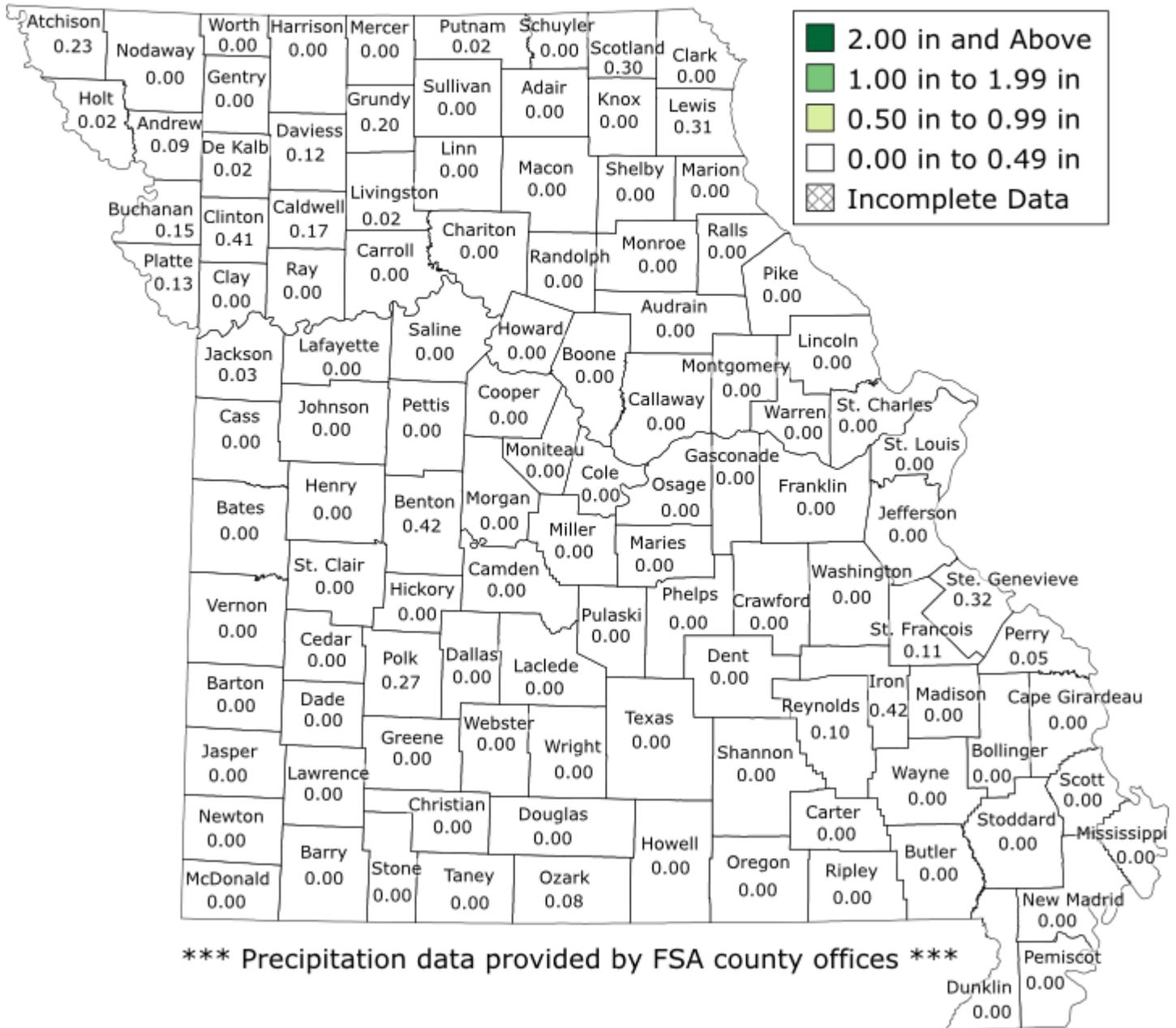
Weather Summary

Temperatures during the week were near normal over most of the state except the Bootheel, which averaged 2 to 5 degrees above normal. **Rainfall** averaged 0.04 inches, with all districts reporting less than one-tenth inch. Rainfall averaged 3.50 inches for the month of August compared with the 30-year average of 3.73. The range was 0.34 inches in the southeast district to 6.46 in the north-central. Cape Girardeau in Scott County recorded the second driest August on record with 0.01 inches and the driest March through August period since 1936.

District Summaries As Of September 2, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.8	6.6	6.7	5.6	6.8	6.7	6.9	7.0	6.6	7.0
Last Year	5.8	5.2	4.8	5.7	5.6	6.4	5.7	7.0	6.7	5.9
Topsoil Moisture Supply										
Very Short	38	1	6	45	34	38	62	30	66	89
Short	33	29	53	26	47	33	28	33	23	11
Adequate	28	67	40	27	19	26	10	37	11	0
Surplus	1	3	1	2	0	3	0	0	0	0
Subsoil Moisture Supply										
Very Short	27	1	11	51	15	15	54	20	61	49
Short	43	41	40	35	47	54	39	46	21	48
Adequate	30	57	49	12	38	31	7	34	18	3
Surplus	0	1	0	2	0	0	0	0	0	0
Corn Mature, Percent										
This Year	57	26	37	47	78	82	62	65	76	99
Last Year	66	33	58	51	90	82	65	95	74	89
Normal	58									
Corn Harvested, Percent										
This Year	16	2	6	9	19	15	15	23	30	62
Last Year	19	3	5	8	39	25	9	74	17	36
Normal	13									
Soybeans Turning Color and Beyond, Percent										
This Year	22	14	10	29	13	18	21	2	20	44
Last Year	18	15	11	13	22	18	27	25	15	23
Normal	20									
Sorghum Turning Color and Beyond, Percent										
This Year	58	46	46	61	71	47	61	29	52	100
Last Year	82	91	85	78	97	58	65	98	73	98
Normal	74									
Alfalfa Hay 3rd Cutting, Percent										
This Year	86	82	75	82	100	91	95	90	100	100
Last Year	94	93	93	96	100	99	96	100	100	100
Normal	88									
Corn Condition										
Very Poor	8	8	6	12	4	16	7	0	5	3
Poor	16	20	29	17	5	9	29	0	8	10
Fair	31	34	31	33	29	27	37	37	16	24
Good	37	32	31	31	50	46	25	53	27	37
Excellent	8	6	3	7	12	2	2	10	44	26
Soybean Condition										
Very Poor	10	3	4	8	8	13	12	0	13	22
Poor	19	11	17	24	11	16	27	5	16	30
Fair	38	36	41	37	51	36	41	75	33	26
Good	28	36	36	28	27	35	19	20	26	15
Excellent	5	14	2	3	3	0	1	0	12	7
Sorghum Condition										
Very Poor	3	0	3	2	3	1	4	0	13	8
Poor	12	7	23	11	4	8	13	2	14	27
Fair	45	38	43	34	56	55	55	49	23	30
Good	38	53	31	51	35	36	25	41	44	32
Excellent	2	2	0	2	2	0	3	8	6	3
Supply of Hay and Other Roughages										
Very Short	18	18	18	28	1	5	39	1	47	74
Short	29	44	27	40	20	30	45	12	25	21
Adequate	52	37	52	29	76	65	16	87	27	5
Surplus	1	1	3	3	3	0	0	0	1	0
Stock Water Supplies										
Very Short	8	0	1	12	0	5	23	1	19	61
Short	23	14	14	30	11	20	54	9	41	36
Adequate	68	80	84	55	89	75	23	90	40	3
Surplus	1	6	1	3	0	0	0	0	0	0
Pasture Condition										
Very Poor	28	4	16	49	10	20	56	20	56	94
Poor	29	26	42	24	20	31	25	34	27	6
Fair	31	47	35	21	54	37	14	33	9	0
Good	11	20	7	5	16	12	5	11	8	0
Excellent	1	3	0	1	0	0	0	2	0	0
Average Precipitation	0.04	0.09	0.02	0.06	0.00	0.03	0.04	0.00	0.04	0.00

Precipitation for Week Ending September 2, 2007



Precipitation for Four Weeks Ending September 2, 2007

