



## Crop Progress and Condition

### Week Ending August 29, 2010

#### Agricultural Summary

Sparse rainfall across the state allowed farmers to complete hay harvest and begin to harvest corn for silage. Precipitation is needed to fill out soybean pods and revive pastures. Insect and disease pressures are increasing as crops are stressed by the heat and dry conditions. Corn and soybean conditions are similar to normal but rice and sorghum conditions are above average. There were 6.7 **days suitable for fieldwork**. The continued dry weather caused **topsoil moisture** supplies to decline to 18 percent very short, 28 percent short, 51 percent adequate, and 3 percent surplus. **Subsoil moisture supplies** were rated 14 percent very short, 27 percent short, 56 percent adequate and 3 percent surplus. The southern third of the state is suffering most from the lack of rain and soil moisture supplies were reported as 76 to 97 percent very short to short in those counties.

#### Field Crops Report

The percentage of **corn** in the dough stage or beyond reached 92 percent, 3 days ahead of last year but 2 days behind the 5-year average (normal). The corn crop was 75 percent dented, a week ahead of last year, but a day behind normal. Corn was 34 percent mature, 15 days ahead of last year but virtually the same as normal. Eight percent of the corn had been harvested, 16 days ahead of last year and 2 days ahead of normal. Corn condition was rated 6 percent very poor, 16 percent poor, 30 percent fair, 38 percent good, and 10 percent excellent, similar to a week earlier. Ninety-six percent of the **soybean** crop was blooming or beyond, 3 days ahead of last year but a day behind normal. Eighty-six percent of the soybeans have set pods, 8 days ahead of last year but virtually the same as normal. Soybeans turning color was 7 percent complete, 5 days ahead of last year but 2 days behind normal. Leaves have dropped on 2 percent of the soybean crop, mostly in the Bootheel. Soybean condition was rated 7 percent very poor, 16 percent poor, 32 percent fair, 36 percent good, and 9 percent excellent, basically unchanged from last week. Bolls had opened on 33 percent of the **cotton** crop, 21 days ahead of last year and over 6 days ahead of normal. Cotton condition was rated 11 percent very poor, 24 percent poor, 22 percent fair, 38 percent good, and 5 percent excellent, similar to last week. **Rice** harvest reached 12 percent complete, 11 days ahead of last year and 12 days ahead of normal. Rice condition was rated 1 percent poor, 9 percent fair, 58 percent good, and 32 percent excellent, virtually unchanged from a week earlier. **Sorghum** headed and beyond was 95 percent complete, 13 days ahead of last year and 5 days ahead of normal. Sixty-five percent of the sorghum was turning color, 16 days ahead of last year and 6 days ahead of normal. Sorghum maturing reached 18 percent complete, 12 days ahead of last year and 4 days ahead of normal. Harvest of sorghum began in the Bootheel. Sorghum condition was rated 2 percent very poor, 8 percent poor, 30 percent fair, 56 percent good, and 4 percent excellent, similar to a week earlier. The third cutting of **alfalfa** was 86 percent complete Statewide with little progress being made except in the northwest district. This is 8 days ahead of last year and 5 days ahead of normal.

#### Pasture & Livestock

**Pasture** condition deteriorated slightly from a week earlier to 15 percent very poor, 16 percent poor, 30 percent fair, 32 percent good, and 7 percent excellent. **Hay and other roughage supplies** were rated 6 percent very short, 9 percent short, 71 percent adequate and 14 percent surplus. Hay stocks are shortest in the south-central district where supplies were 56 percent very short to short. **Stock water supplies** were reported as 3 percent very short, 14 percent short, 81 percent adequate and 2 percent surplus.

#### Weather Summary

**Temperatures** were 2 to 4 degrees below normal across the State. **Rainfall** averaged 0.02 of an inch Statewide with only 5 counties reporting any rainfall. Scotland county reported 1.25 inches for the week.

#### Audio Commentary

Weekly Crop Progress and Condition Audio Commentary by State Director Gene Danekas is available at:

[http://www.nass.usda.gov/Statistics\\_by\\_State/Missouri/Publications/Audio/](http://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Audio/)

#### Weather Data

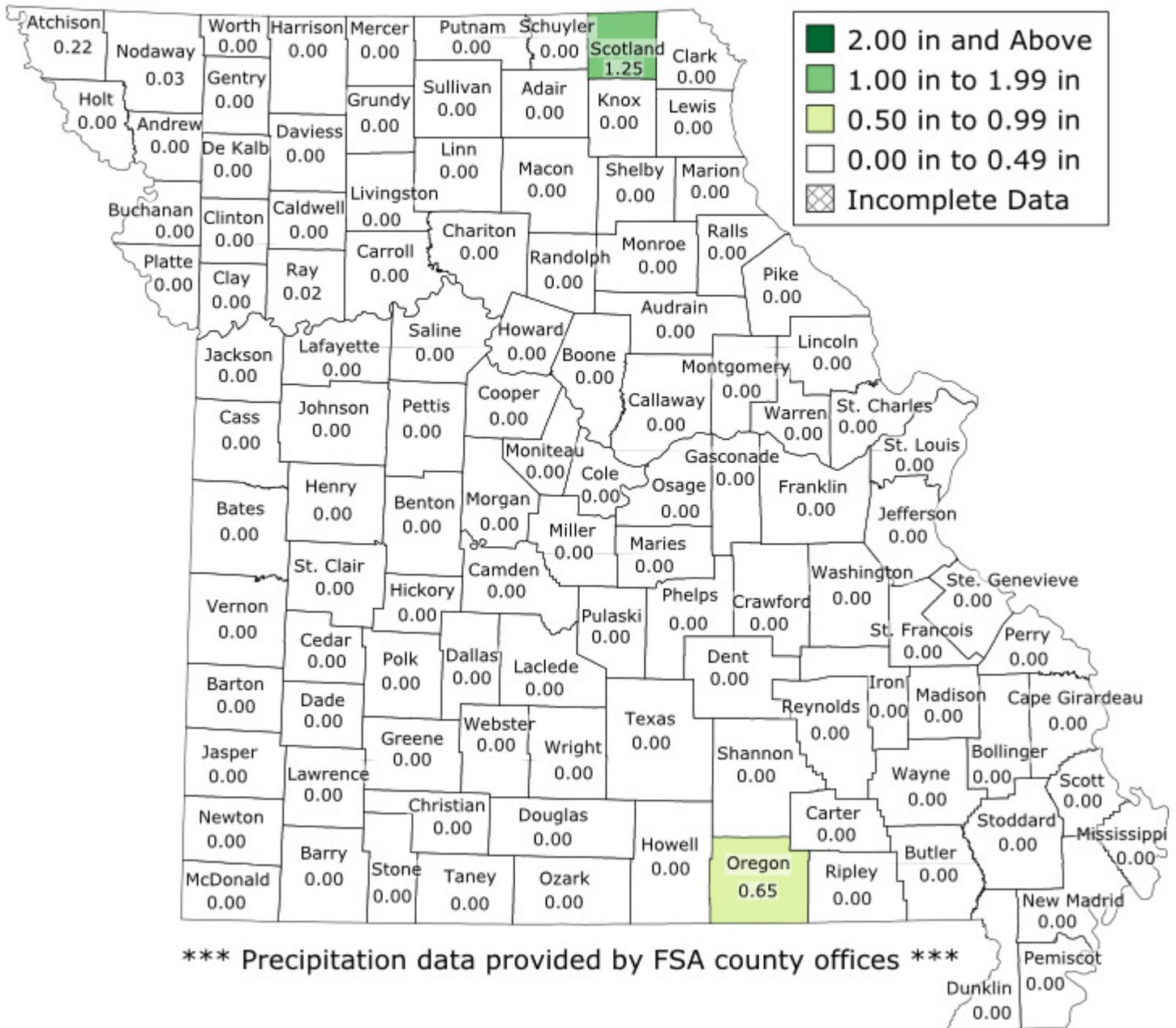
Hourly and daily weather data from stations throughout the state is available at:

<http://agebb.missouri.edu/weather/history/>

### District Summaries As Of August 29, 2010

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	6.7	6.6	6.1	6.5	6.8	6.6	6.8	7.0	6.5	6.9
Last Year	5.6	5.1	4.6	4.1	6.4	6.0	5.2	6.5	6.9	6.3
Topsoil Moisture Supply										
Very Short	18	2	0	0	17	6	12	52	61	51
Short	28	26	8	15	51	26	29	43	29	34
Adequate	51	69	86	79	29	64	58	5	10	15
Surplus	3	3	6	6	3	4	1	0	0	0
Subsoil Moisture Supply										
Very Short	14	0	0	0	9	5	9	49	61	28
Short	27	16	4	8	52	24	22	48	27	48
Adequate	56	78	92	83	39	68	69	3	12	23
Surplus	3	6	4	9	0	3	0	0	0	1
Corn Mature, Percent										
This Year	34	15	18	14	42	19	31	92	54	97
Last Year	12	7	9	4	8	8	7	25	21	40
Normal	35									
Soybeans Setting Pods and Beyond, Percent										
This Year	86	83	76	85	86	88	84	94	96	93
Last Year	79	90	82	61	80	75	63	72	67	83
Normal	85									
Sorghum Turning Color and Beyond, Percent										
This Year	65	66	16	56	95	34	61	94	92	92
Last Year	40	20	18	7	39	28	13	39	79	80
Normal	55									
Corn Condition										
Very Poor	6	6	13	5	3	4	1	0	5	10
Poor	16	19	22	23	8	10	5	5	17	21
Fair	30	24	41	38	23	27	27	13	25	30
Good	38	36	18	25	53	52	49	80	36	34
Excellent	10	15	6	9	13	7	18	2	17	5
Soybean Condition										
Very Poor	7	3	10	3	4	3	3	0	10	15
Poor	16	12	25	9	12	6	8	37	10	23
Fair	32	25	38	48	29	26	21	57	14	30
Good	36	49	21	26	38	58	61	6	56	28
Excellent	9	11	6	14	17	7	7	0	10	4
Sorghum Condition										
Very Poor	2	1	3	0	1	0	1	0	0	7
Poor	8	1	11	1	6	6	3	5	9	16
Fair	30	43	46	44	14	26	27	16	12	36
Good	56	45	39	42	76	66	64	79	73	39
Excellent	4	10	1	13	3	2	5	0	6	2
Supply of Hay and Other Roughages										
Very Short	6	1	2	1	0	1	0	1	45	5
Short	9	14	6	5	2	16	1	7	11	14
Adequate	71	77	71	76	60	78	84	80	40	81
Surplus	14	8	21	18	38	5	15	12	4	0
Stock Water Supplies										
Very Short	3	0	0	0	0	3	0	4	16	7
Short	14	4	0	1	9	7	4	26	49	70
Adequate	81	89	97	88	91	89	96	69	35	23
Surplus	2	7	3	11	0	1	0	1	0	0
Pasture Condition										
Very Poor	15	0	8	2	9	4	4	32	57	33
Poor	16	8	16	7	19	8	8	45	14	39
Fair	30	28	32	42	40	29	38	23	18	27
Good	32	54	33	39	18	54	43	0	11	1
Excellent	7	10	11	10	14	5	7	0	0	0
Average Precipitation										
	0.02	0.02	0.00	0.13	0.00	0.00	0.00	0.00	0.04	0.00

# Precipitation for Week Ending August 29, 2010



# Precipitation for Four Weeks Ending August 29, 2010

