



Crop Progress and Condition

Week Ending April 8, 2007

Agricultural Summary

Abnormally cold temperatures were present throughout the state for most of the week, with subfreezing nighttime temperatures setting back pastures and likely damaging early planted corn, maturing wheat, fruit and nut trees, and vineyards. However, the full extent of the damage will not become evident until warmer temperatures arrive. There were 3.6 **days suitable for fieldwork**, allowing for some tillage and corn planting before the cold arrived. Forty-five percent of **spring tillage** has been completed statewide, about 1 day ahead of last year but 2 days behind normal. The state continues to enjoy excellent **topsoil moisture** levels, rated 2 percent very short, 12 percent short, 73 percent adequate, and 13 percent surplus.

Field Crops Report

The cold weather allowed **corn** planting to advance only 3 percentage points over last week to 12 percent complete, trailing last year and normal by a few days. Emerged corn had burned leaves or broke off due to freezing in the worst cases, but with the growing points still below the ground in most fields, long-term damage is not expected. There might be a few cases of replanting in fields with germinating corn and frozen soils. **Sorghum** planting saw very minor progress in the central and southeast districts, but remained at 2 percent complete for the state overall. **Rice** planting advanced only 1 point to 5 percent complete, 4 days behind last year but still 1 day ahead of normal. **Winter wheat** condition for the state is rated 3 percent very poor, 10 percent poor, 41 percent fair, 40 percent good, and 6 percent excellent, a drop of 19 points from last week in the good to excellent categories. Most of the decline fell back into the fair rating, as reporters are still unsure of the extent of the frost damage. Wheat at the joint stage of maturity could experience moderate to severe damage.

Pasture & Livestock

Pasture condition is reported as 4 percent very poor, 18 percent poor, 47 percent fair, 26 percent good, and 5 percent excellent. The cold stunted grass and alfalfa growth, which will delay the first cutting of hay that is badly needed in some central and southern areas.

Weather Summary

Temperatures averaged 9 to 12 degrees below normal over most of the state, while the Bootheel was 6 to 8 degrees below normal. The week started with highs in the 80's, pulling the weekly average up somewhat, but readings quickly reversed to well below average the remainder of the week. Many areas saw record low temperatures, with lows in the teens as far south as Shannon County in the south-central district. Notable low temperatures included 18 degrees at St. Joseph, 19 at Columbia, 17 at Cook Station in Crawford County, 14 at Alley Spring in Shannon County, and 24 at Clarkton in Dunklin County. **Rainfall** was very light, averaging 0.33 inches. The range was 0.03 inches in the southwest district to 0.72 in the northeast.

Weather Data

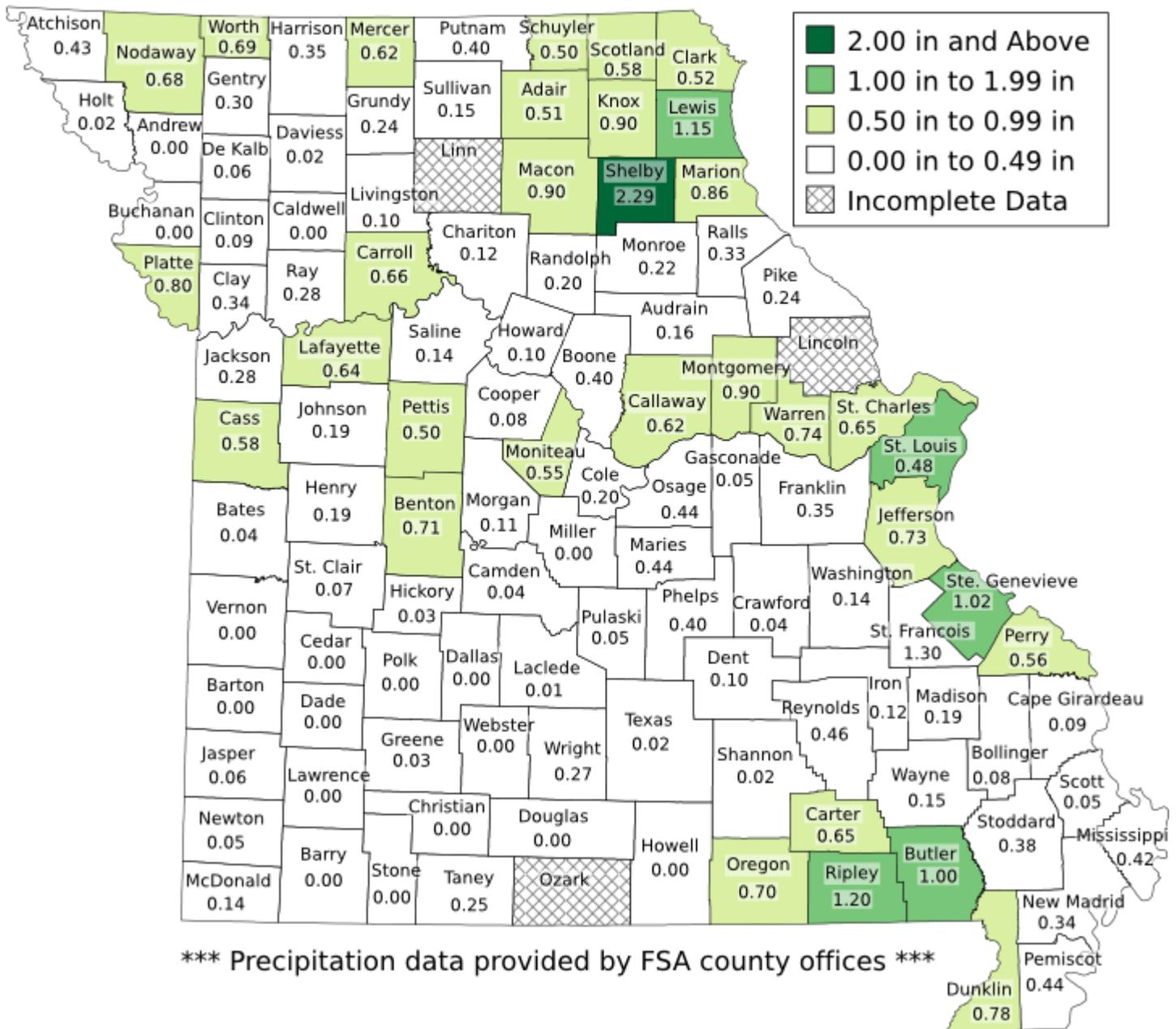
Hourly and daily weather data from stations throughout the state is available at the [Missouri Historical Agricultural Weather Database](http://agebb.missouri.edu/weather/history/).

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

District Summaries As Of April 8, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	3.6	3.7	1.5	1.5	5.2	3.5	3.5	4.9	6.1	4.4
Last Year	3.3	2.8	1.9	1.6	3.3	3.8	2.3	6.0	5.2	4.5
Topsoil Moisture Supply										
Very Short	2	0	0	4	4	0	1	7	4	0
Short	12	12	2	9	6	5	8	15	34	16
Adequate	73	80	61	64	87	89	80	62	61	76
Surplus	13	8	37	23	3	6	11	16	1	8
Ground Worked Spring Tillage, Percent										
This Year	45	50	35	15	55	32	46	57	48	80
Last Week	37	36	34	14	46	22	30	45	47	71
Last Year	43	50	30	30	64	49	25	67	40	38
Normal	47									
Corn Planted, Percent										
This Year	12	2	5	1	15	3	10	22	15	60
Last Week	9	1	1	0	3	2	8	11	10	50
Last Year	14	3	17	3	23	11	3	55	5	39
Normal	19									
Rice Planted, Percent										
This Year	5									5
Last Week	4									4
Last Year	13									13
Normal	4									
Rice Emerged, Percent										
This Year	1									1
Last Week	0									0
Last Year	0									0
Normal	0									
Sorghum Planted, Percent										
This Year	2	2	0	0	0	4	1	0	0	20
Last Week	2	2	0	0	0	2	1	0	0	13
Last Year	0	0	0	0	0	0	0	0	0	0
Normal	0									
Winter Wheat Headed and Beyond, Percent										
This Year	0	0	0	0	0	0	0	0	2	2
Last Week	0	0	0	0	0	0	0	0	0	0
Last Year	0	0	0	0	0	0	0	0	0	0
Normal	0									
Winter Wheat Condition										
Very Poor	3	15	3	10	0	0	1	2	12	3
Poor	10	8	27	5	0	14	7	0	1	17
Fair	41	57	29	24	50	41	52	68	15	27
Good	40	18	36	56	48	19	39	30	61	49
Excellent	6	2	5	5	2	26	1	0	11	4
Pasture Condition										
Very Poor	4	11	2	20	0	1	7	2	4	0
Poor	18	24	22	18	11	12	8	15	26	0
Fair	47	47	37	40	49	52	31	67	43	48
Good	26	16	37	18	33	30	51	15	16	43
Excellent	5	2	2	4	7	5	3	1	11	9
Average Precipitation										
	0.33	0.27	0.37	0.72	0.22	0.24	0.58	0.03	0.25	0.44

Precipitation for Week Ending April 8, 2007



Precipitation for Four Weeks Ending April 8, 2007

