



Crop Progress and Condition

Week Ending April 22, 2007

Agricultural Summary

Warm, dry weather finally arrived, giving farmers 4.9 **days suitable for fieldwork** to apply fertilizer and plant corn. **Spring tillage** stands at 54 percent complete, about 9 days behind both last year and the 5-year average. **Topsoil moisture** remains mostly adequate for the state, rated 2 percent very short, 10 percent short, 78 percent adequate, and 10 percent surplus. The exception is the south-central district, where a shortage as been developing with 50 percent of soils short to very short. Freeze damage evaluations still hold little hope for salvaging much of the fruit and nut crops. Damage to wheat is becoming more evident, while pasture and hay growth is still relatively stagnant.

Field Crops Report

Corn planting is 32 percent complete, 10 days behind last year and 9 days behind the normal pace of 70 percent. Dry weather allowed planters to roll statewide later in the week. Significant acreage has been replanted in the west-central, the southwest, and especially the southeast. Three weeks of cold weather and the replanted acreage has not allowed for much emergence, which is estimated at 7 percent, 2 weeks behind last year and 8 days behind the 5-year average of 21 percent. **Sorghum** planting advanced only 1 point to 5 percent complete, 1 week behind last year and 4 days behind normal. **Soybean** planting has begun, mostly in the Bootheel. The state is 2 percent planted, 3 days behind last year and even with normal. **Rice** planting progressed 17 points from last week to 24 percent complete, but still lags last year by 11 days and the normal pace by 4 days. Rice emerged is at 4 percent, 6 days behind last year and 2 days behind normal. **Cotton** is 4 percent planted, about 1 week behind last year and 5 days behind average. Nine percent of the **winter wheat** crop has headed, 4 days behind last year and about even with average. Wheat condition is rated 27 percent very poor, 37 percent poor, 30 percent fair, and 6 percent good, a slight deterioration from last week. Damage reports continue to vary from slight to severe, but more are falling toward the moderate to severe end of the spectrum as various types of injury become evident. A reporter in the west-central district explained that even if new or existing tillers produce heads, rotted lower stems could cause severe lodging. Even so, most growers appear to still be waiting for definitive evidence, as few reporters have mentioned fields being destroyed or pastured.

Pasture & Livestock

Pasture condition is rated 9 percent very poor, 30 percent poor, 42 percent fair, 17 percent good, and 2 percent excellent, similar to last week. Pastures appear to have been set back 2 to 3 weeks, as many are seeing pastures recover much slower than expected.

Weather Summary

Average **temperatures** were variable for the week. The far northwest corner was 7 degrees above normal, but the southern third of the state was generally 3 to 5 degrees below average, while the rest of the state was a few degrees either side of the long term average. **Rainfall** was very light at 0.03 inches for the state. No district averaged more than 0.10 inches.

Weather Data

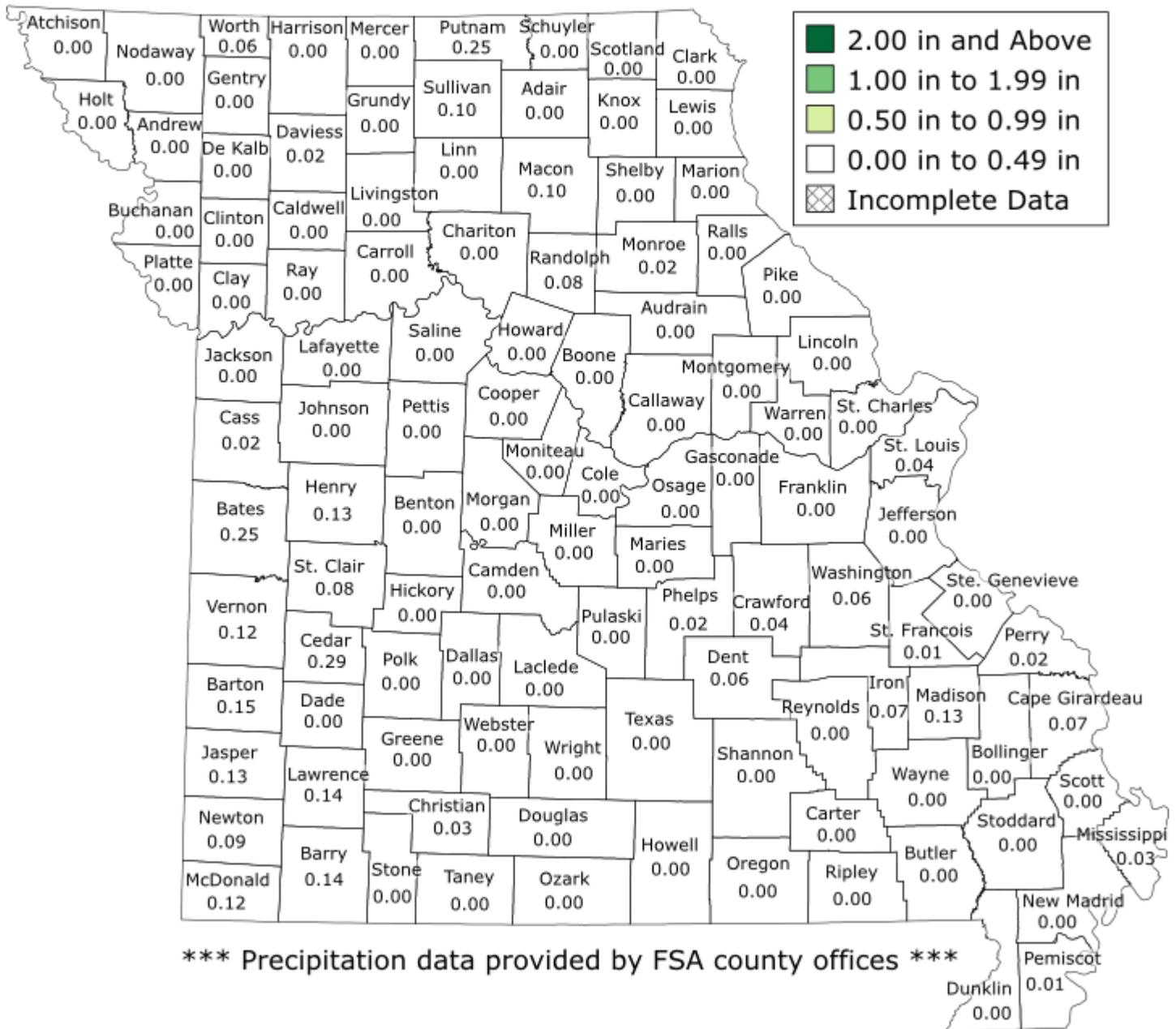
Hourly and daily weather data from stations throughout the state is available at the [Missouri Historical Agricultural Weather Database](http://agebb.missouri.edu/weather/history/).

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

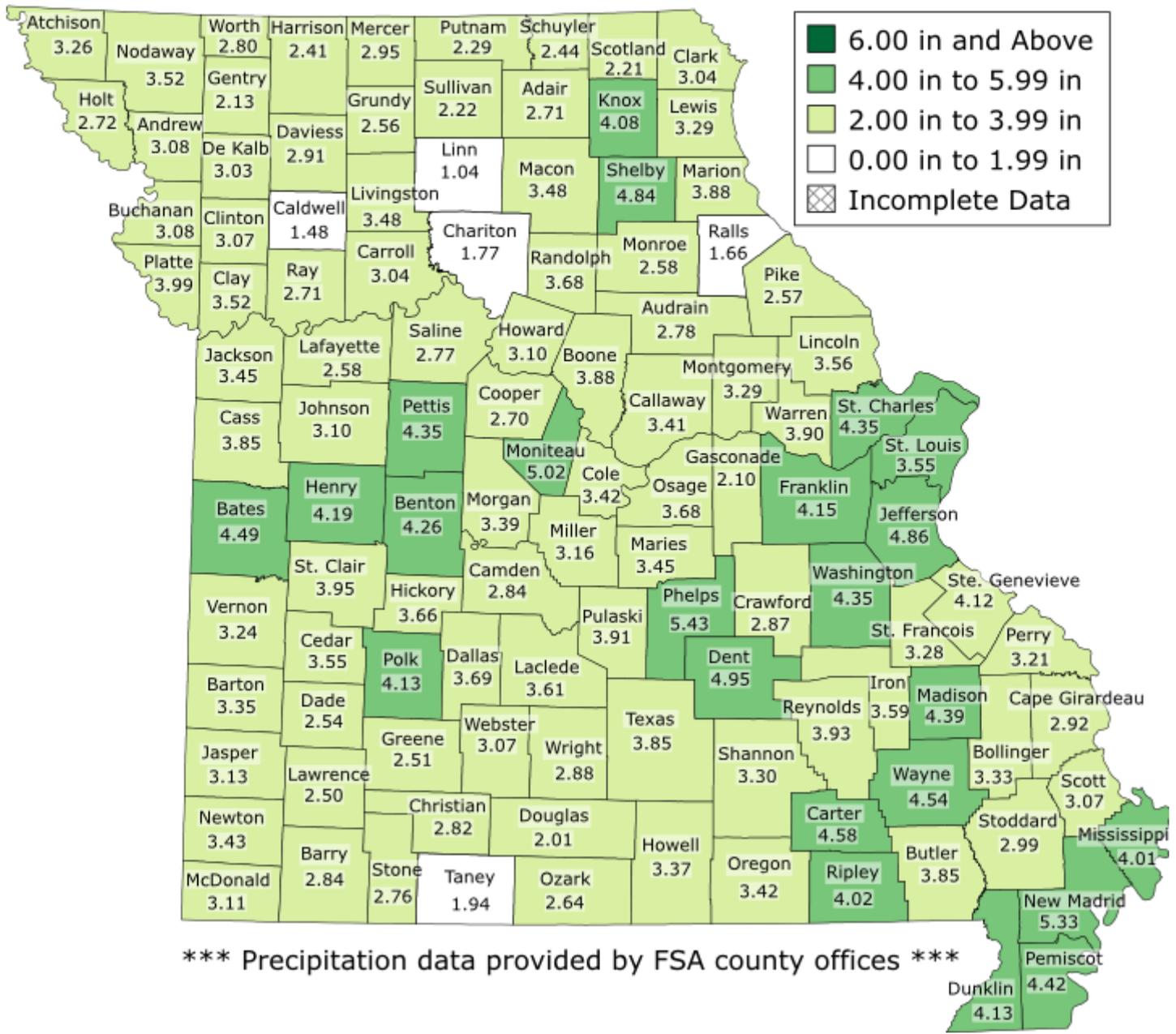
District Summaries As Of April 22, 2007

	Missouri	NW	NC	NE	WC	C	EC	SW	SC	SE
Days Suitable For Fieldwork										
This Year	4.9	5.3	4.6	4.4	3.5	4.8	4.4	5.2	6.6	5.3
Last Year	6.4	5.8	6.1	6.5	6.3	6.8	6.7	6.9	6.8	6.5
Topsoil Moisture Supply										
Very Short	2	0	1	4	0	0	1	8	5	0
Short	10	8	1	9	0	2	7	12	45	1
Adequate	78	85	78	74	76	91	89	62	50	95
Surplus	10	7	20	13	24	7	3	18	0	4
Ground Worked Spring Tillage, Percent										
This Year	54	53	45	25	65	46	56	65	70	84
Last Year	72	76	71	62	85	75	63	84	66	78
Normal	70									
Corn Planted, Percent										
This Year	32	20	25	8	41	44	42	27	22	86
Last Year	71									
Normal	61									
Corn Emerged, Percent										
This Year	7	0	2	0	3	4	15	1	17	48
Last Year	40									
Normal	21									
Soybeans Planted, Percent										
This Year	2	1	0	0	0	0	0	0	0	8
Last Year	5									
Normal	2									
Cotton Planted, Percent										
This Year	4									4
Last Year	17									17
Normal	11									
Rice Planted, Percent										
This Year	24									24
Last Year	71									71
Normal	33									
Rice Emerged, Percent										
This Year	4									4
Last Year	20									20
Normal	7									
Sorghum Planted, Percent										
This Year	5	3	1	1	0	5	9	1	8	26
Last Year	17									
Normal	9									
Winter Wheat Headed and Beyond, Percent										
This Year	9	0	10	0	0	21	6	0	11	19
Last Year	26									
Normal	10									
Winter Wheat Condition										
Very Poor	27	19	10	25	37	20	19	30	59	33
Poor	37	34	37	18	42	36	37	31	37	48
Fair	30	39	39	42	18	40	37	38	3	15
Good	6	7	11	14	3	4	7	1	1	4
Excellent	0	1	3	1	0	0	0	0	0	0
Pasture Condition										
Very Poor	9	20	9	22	10	3	11	5	5	0
Poor	30	34	34	24	25	28	23	23	39	16
Fair	42	35	37	43	54	37	45	55	41	53
Good	17	10	19	11	11	28	21	17	10	25
Excellent	2	1	1	0	0	4	0	0	5	6
Average Precipitation										
	0.03	0.01	0.04	0.00	0.10	0.00	0.01	0.08	0.02	0.01

Precipitation for Week Ending April 22, 2007



Precipitation for Four Weeks Ending April 22, 2007



*** Precipitation data provided by FSA county offices ***