

# Arkansas

## Crop Progress and Condition



Arkansas  
Field Office

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National Agricultural Statistics Service

10800 Financial Centre Parkway, Suite 110  
Little Rock, AR 72211-3543  
(501) 228-9926  
<http://www.nass.usda.gov/ar>

Reporting for the week ending September 9, 2007.

### General

Temperatures continued to be above normal as last week's highs ranged from 96 to 89 degrees Fahrenheit and lows ranged from 73 to 56 degrees Fahrenheit. Last week, rainfall was widespread and heavy in some locations including Batesville, Greers Ferry, Dardanelle, Newport, and Conway where rainfall totals were 8.95, 7.73, 7.12, 5.89, and 5.40 inches, respectively. The weather station in El Dorado reported 0.53 inch of precipitation and was the only station to report less than one inch for the week. There were tremendous improvements in soil moisture supplies as a result of last week's rainfall. Topsoil moisture supplies were 9 percent very short, 22 percent short, 56 percent adequate, and 13 percent surplus compared to just one week ago when topsoil moisture supplies were 49 percent very short, 38 percent short, and 13 percent adequate. Subsoil moisture supplies were 14 percent very short, 31 percent short, 50 percent adequate, and 5 percent surplus compared to one week ago when subsoil moisture supplies were 43 percent very short, 46 percent short, and 11 percent adequate. Due to the rainy conditions, there were 3.8 days suitable for field work last week.

### Crop

Despite having limited days suitable for field work, the harvest of all row crops remained ahead of their respective 5-year averages. By Sunday, corn harvest was 70 percent complete and was slightly ahead of the 5-year average. By the end of the week, 75 percent of the cotton crop had reached the open boll stage, 19 percentage points ahead of the 5-year average, and 4 percent of the crop had been harvested. At the close of the week, the rice crop was rated 72 percent good to excellent and 30 percent had been harvested; 99 percent of the sorghum crop had reached maturity by week's end. During the week, sorghum producers harvested an additional 10 percent of the crop, and only 22 percent of the crop remains to be harvested. By week's end, 48 percent of the soybean crop had reached the yellowing stage, 36 percent had reached the shedding stage, 24 percent was mature and 14 percent had been harvested. Last week, soybean rust was confirmed in Crawford and Jackson counties; producers were applying fungicides as weather permitted.

### Livestock

Livestock conditions improved slightly as high temperatures declined last week. Other hay and pasture conditions improved as a result of last week's rainfall. Some pasture and hay fields were plagued by armyworms.

#### Percent of Progress

Crop	Stage	Current Week	Previous Week	2006	5-Year Avg
Corn	Harvest	70	55	82	66
Cotton	Bolls Opening	75	62	63	56
	Harvest	4	1	3	1
Rice	Harvest	30	18	28	23
Sorghum	Mature	99	97	94	89
	Harvest	78	68	74	58
Soybeans	Yellowing	48	40	56	42
	Shedding	36	25	39	29
	Mature	24	18	28	20
	Harvest	14	9	19	12

#### Condition in Percentages

Crop	Very Poor	Poor	Fair	Good	Excellent
Cotton	0	11	24	44	21
Rice	0	3	25	44	28
Soybeans	9	22	27	30	12
Hay-Alfalfa	8	29	29	22	12
Hay-Other	10	29	35	21	5
Pasture and Range	11	40	28	19	2

**Temperatures and Precipitation Week Ending September 9, 2007**

District	Station	Temperatures			Rainfall				
		High	Low	Dep from Normal *	Wk Ending Sept.9	4 wk Accum	4 wk Normal	Year to Date	
								2007	Normal
<b>Northwest</b>	Fayetteville	89	63	3	1.83	4.32	3.43	26.58	32.01
	Harrison	93	65	4	2.18	2.43	3.49	22.27	31.31
<b>N. Central</b>	Calico Rock	94	56	4	1.81	1.81	3.08	27.17	31.40
	Gilbert	95	65	5	1.92	1.92	2.95	30.78	30.72
	Greers Ferry	92	67	1	7.73	9.38	3.00	33.22	34.16
	Mtn. Home	93	65	5	1.35	1.49	3.01	28.65	29.62
<b>Northeast</b>	Batesville	93	62	3	8.95	9.55	3.00	41.50	32.31
	Jonesboro	95	70	5	4.66	5.36	2.59	28.17	31.56
	Keiser	95	71	6	3.40	3.63	2.69	23.26	35.08
	Newport	96	68	4	5.89	5.89	2.82	31.12	33.18
<b>W. Central</b>	Booneville	92	67	2	3.78	5.23	2.55	28.17	32.62
	Clarksville	94	67	4	4.16	5.31	2.75	28.67	31.56
	Dardanelle	93	68	3	7.12	7.35	2.70	32.81	33.22
	Ft. Smith	93	69	3	4.86	5.84	2.60	32.49	30.15
	Mena	90	58	2	3.17	4.73	2.76	43.37	39.17
	Ozark	94	66	2	2.90	4.73	2.55	35.92	30.57
<b>Central</b>	Conway	91	71	2	5.40	5.40	2.74	31.83	32.83
	Hot Springs	95	67	1	3.79	3.80	2.94	38.58	39.21
	Little Rock	94	73	4	3.72	3.86	2.88	30.41	34.41
	N. Little Rock	94	68	0	4.34	4.35	2.90	31.48	33.49
<b>E. Central</b>	Brinkley	92	70	4	2.40	2.75	2.39	27.57	34.90
	Marianna	91	70	4	1.56	2.45	2.49	25.67	37.03
	Stuttgart	92	69	2	3.41	3.46	2.08	29.62	33.78
<b>Southwest</b>	Hope	91	67	4	1.77	2.48	3.35	41.00	37.05
	Texarkana	91	71	1	1.05	1.95	2.33	37.77	31.76
<b>S. Central</b>	Camden	93	66	4	1.59	2.45	2.75	39.46	36.65
	El Dorado	92	71	3	0.53	3.68	2.80	38.47	38.89
	Warren	89	68	2	2.82	3.36	2.84	36.71	38.55
<b>Southeast</b>	Eudora	94	72	4	1.25	1.77	2.48	34.28	40.49
	Pine Bluff	92	70	2	3.19	3.32	2.85	29.58	36.21
	Rohwer	91	71	4	2.23	2.47	2.31	30.23	36.30

\* Departure from normal =  $\frac{(\text{high} - \text{low})}{2}$  - 30 year average.

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Produced by:  
 United States Department of Agriculture – NASS  
 Arkansas Field Office  
 Becky L. Cross, Director

In cooperation with:  
 University of Arkansas – Cooperative Extension Service  
 Ivory W. Lyles, Associate Vice President for Agriculture, Extension

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