

Arkansas

Crop Progress and Condition



Arkansas
Field Office

Released: August 13, 2007

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Reporting for the week ending August 12, 2007.

General

Another week of hot and dry weather depleted soil moisture supplies even further, causing a 19 and 15 percent drop in adequate topsoil and subsoil moistures. Topsoil moisture supplies were 29 percent very short, 45 percent short, 25 percent adequate, and 1 percent surplus and subsoil moisture supplies were 21 percent very short, 39 percent short, 39 percent adequate, and 1 percent surplus. Of the 31 weather stations, 29 reported absolutely no rainfall. The weather stations in Gilbert and Mt. Home reported 0.61 inch and 0.01 inch of precipitation, respectively. Overall, temperatures were above normal as highs ranged from 106 to 98 degrees Fahrenheit and lows ranged from 75 to 65 degrees Fahrenheit. Only three weather stations recorded high temperatures below 100 degrees. Last week, there were 6.9 days suitable for field work.

Crop

Hot weather and nearly no precipitation last week continued to stress the soybean crop, causing a slight decline in the crop's condition. By the end of last week, only 3 percent of the soybean crop had not bloomed and 11 percent had not yet set pods. Soybeans yellowing and shedding were equal to the 5-year averages at 9 and 3 percent, respectively. Despite weather conditions, the corn crop was again rated at 68 percent good to excellent and, by week's end, nearly half of the corn crop had reached maturity and 6 percent was harvested. The cotton crop was rated at 75 percent good to excellent, a slight improvement from the previous week, and 8 percent of the crop had reached the open boll stage. The rice crop remained slightly ahead of the 5-year average and was rated at 76 percent good to excellent. By the end of the week, 83 percent of the rice crop had headed. Over the past seven days, 91 percent of the sorghum crop had turned color and 32 percent had reached maturity.

Livestock

Harsh weather conditions continued the decline of other hay and pasture which were rated at only 37 and 42 percent good to excellent, respectively. Compared to the previous week, pasture and other hay conditions dropped 20 and 15 percentage points, respectively. Alfalfa hay conditions were rated at 54 percent good to excellent. Cattle conditions remained consistent with the previous weeks and were reported as good despite weather conditions.

Percent of Progress

Crop	Stage	Current Week	Previous Week	2006	5-Year Avg
Corn	Dough	100	98	100	97
	Dent	94	86	92	84
	Mature	49	24	48	34
	Harvest	6	1	10	n/a
Cotton	Bolls Opening	8	0	4	3
Rice	Headed	83	67	85	82
Sorghum	Coloring	91	77	84	79
	Mature	32	12	32	17
Soybeans	Blooming	97	87	99	93
	Set Pods	89	70	89	79
	Yellowing	9	2	16	9
	Shedding	3	n/a	10	3

Condition in Percentages

Crop	Very Poor	Poor	Fair	Good	Excellent
Corn	1	2	29	43	25
Cotton	0	5	20	51	24
Rice	0	3	21	47	29
Sorghum	1	7	30	46	16
Soybeans	4	13	32	36	15
Hay-Alfalfa	0	10	36	45	9
Hay-Other	2	15	41	37	5
Pasture and Range	5	21	37	36	1

Temperatures and Precipitation Week Ending Aug 12, 2007

District	Station	Temperatures			Rainfall				
		High	Low	Dep from Normal *	Wk Ending Aug 12	4 wk	4 wk	Year to Date	
						Accum	Normal	2007	Normal
Northwest	Fayetteville	99	67	5	0.00	0.51	2.33	22.26	28.58
	Harrison	101	70	6	0.00	0.71	2.45	19.84	27.82
N. Central	Calico Rock	103	65	6	0.00	0.40	2.53	25.36	28.32
	Gilbert	101	67	5	0.61	1.34	2.19	28.86	27.77
	Greers Ferry	103	71	6	0.00	0.60	2.72	23.84	31.16
	Mtn. Home	104	72	8	0.01	0.36	2.09	27.16	26.61
Northeast	Batesville	103	71	6	0.00	0.46	2.74	31.95	29.31
	Jonesboro	101	75	7	0.00	1.61	2.34	22.81	28.97
	Keiser	102	71	7	0.00	0.13	2.76	19.63	32.39
	Newport	103	74	7	0.00	0.94	2.73	25.23	30.36
W. Central	Booneville	103	72	4	0.00	0.70	2.51	22.94	30.07
	Clarksville	104	73	8	0.00	0.03	2.24	23.36	28.81
	Dardanelle	106	72	7	0.00	0.46	2.63	25.46	30.52
	Ft. Smith	102	73	4	0.00	0.34	2.45	26.65	27.55
	Mena	100	68	4	0.00	0.96	3.39	38.64	36.41
	Ozark	105	71	6	0.00	0.22	2.65	31.19	28.02
Central	Conway	104	74	6	0.00	0.20	2.29	26.43	30.09
	Hot Springs	105	73	6	0.00	2.68	3.22	34.78	36.27
	Little Rock	106	74	7	0.00	0.87	2.69	26.55	31.53
	N. Little Rock	105	75	6	0.00	0.31	2.70	27.13	30.59
E. Central	Brinkley	100	72	6	0.00	0.00	2.49	24.82	32.51
	Marianna	100	74	6	0.00	0.15	2.95	23.22	34.54
	Stuttgart	99	73	4	0.00	1.09	2.39	26.16	31.70
Southwest	Hope	101	71	4	0.00	1.37	3.14	38.52	33.70
	Texarkana	101	68	3	0.00	1.05	2.65	35.82	29.43
S. Central	Camden	101	71	4	0.00	1.47	2.97	37.01	33.90
	El Dorado	102	70	3	0.00	0.90	3.29	34.79	36.09
	Warren	100	70	4	0.00	1.12	3.19	33.35	35.71
Southeast	Eudora	105	73	5	0.00	1.32	2.94	32.51	38.01
	Pine Bluff	102	72	4	0.00	0.11	3.44	26.26	33.36
	Rohwer	98	73	4	0.00	0.22	2.88	27.76	33.99

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

Produced by:
 United States Department of Agriculture – NASS
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With special thanks to: United States Department of Commerce, National Weather Service
 Renee Fair, Meteorologist in Charge