



# Texas Crop Weather

Cooperating with Texas Department of Agriculture

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**For the week of:** July 27 – August 2, 2009

**Agricultural Summary:** The eastern part of the state received up to 15 inches of rainfall while the southern part of the state received little to no rainfall. Across the rest of the state, 0.25 inches to 4 inches of moisture were observed. Localized hail and high winds caused some damage to crops in the Northern and Southern Plains. Wheat field preparation took place in the Northern Plains. In the Northern High Plains, cotton and corn progressed well under heavy irrigation. Cotton bolls opened in the Southern High Plains and grain sorghum headed out in the Southern Low Plains. In the Blacklands, cotton progressed well and corn harvest was in full swing. In South Central Texas, cotton matured rapidly. In the Coastal Bend, grain sorghum harvest neared completion. Corn harvest and peanut pegging was active in South Texas. Pecans neared the nut drop stage in the Trans-Pecos. Supplemental feeding of livestock continued in localized parts of the state. Recent rainfall improved range and pasture conditions in the northern part of the state while range and pastures in the southern part of the state were in need of moisture. Top soil moisture was mostly very short to adequate across the state.

**Small Grains:** Wheat field preparation took place in the Northern Plains. Recent rainfall provided adequate soil moisture for land preparation in the Blacklands.

**Cotton:** In the Northern High Plains, cotton progressed well under heavy irrigation. Cotton bolls opened in the Southern High Plains. Cotton progressed well in the Northern Low Plains due to the recent rainfall. Cotton was in need of moisture in the Southern Low Plains. In the Blacklands, cotton progressed well. In South Central Texas, cotton matured rapidly due to the hot, dry weather. Cotton defoliation continued in the Coastal Bend. Producers prepared to harvest cotton in the Upper Coast. Cotton condition was mostly fair to good statewide.

**Corn:** Corn progressed well in the Northern High Plains due to heavy irrigation and little insect activity. Corn progressed well due to cooler temperatures from the recent rainfall in the Northern Low Plains. Corn harvest was in full swing in the Blacklands, North East Texas, and South Central Texas. Corn harvest was active in South Texas. Corn condition was mostly fair to good statewide.

**Sorghum:** Grain sorghum progressed well due to cooler temperatures from the recent rainfall in the Northern High Plains. Grain Sorghum headed out in the Southern Low Plains. Grain sorghum suffered in the Blacklands due to hot, dry weather. In the Coastal Bend, grain sorghum harvest neared completion. Sorghum condition was mostly fair to good.

**Peanuts:** Pegging was active in the Northern Low Plains and South Texas. Peanut condition was mostly fair to good statewide.

**Rice:** Rice condition was mostly fair to good statewide.

**Soybeans:** Soybean condition was mostly fair to good statewide.

**Fruit, Vegetable and Specialty Crop Report:**

Sunflowers progressed well in the Northern High Plains. Blueberry and blackberry harvest neared completion in North East Texas.

**Pecan:** Pecans neared the nut drop stage in the Trans-Pecos. Pecans progressed well in the Edwards Plateau.

**Livestock, Range and Pasture Report:**

Supplemental feeding of livestock continued in localized parts of the state. Stock tank levels benefitted across the state from the recent rainfall. Livestock herd liquidation continued in localized parts of the state. Recent rainfall improved range and pasture conditions in the northern part of the state while range and pastures in the southern part of the state were in need of moisture. Range and pasture condition was mostly very poor to fair statewide.

**Crop Progress Table – August 2, 2009**

Crop	Stage	Percent		
		2009	2008	Average 2004 – 2008
Corn	Silked	94	94	96
	Dough	75	68	75
	Dent	61	61	63
	Mature	57	56	51
	Harvested	23	21	19
Cotton	Squaring	92	84	89
	Setting Bolls	57	49	55
	Bolls Opening	12	16	12
Peanuts	Pegging	92	87	86
Rice	Headed	92	89	89
	Harvested	7	8	7
Sorghum	Headed	77	70	76
	Coloring	65	52	60
	Mature	60	55	51
	Harvested	52	50	40
Soybeans	Blooming	91	96	54
	Setting Pods	82	87	33
Sunflowers	Planted	84	73	95
Winter Wheat	Harvested	99	100	99

**Crop Condition Table – August 2, 2009**

Crop	Percent					Index <sup>1/</sup>	
	Excellent	Good	Fair	Poor	Very Poor	2009	2008
Corn	6	28	23	16	27	51	52
Cotton	12	29	31	13	15	62	57
Peanuts	18	59	23	0	0	87	71
Rice	9	36	33	12	10	66	77
Sorghum	2	23	36	15	24	49	64
Soybeans	3	30	40	18	9	59	47
Range & Pasture	4	18	25	20	33		

1/ The formula for the condition index is  $I = (5V + 25P + 60F + 90G + 110E)/100$  where I=crop condition Index and V, P, F, G, E = percentage of crop rated very poor, poor, fair, good, excellent.

**Weather Information Table <sup>1/</sup>**

National Weather Service Climatic Divisions <sup>2/</sup>	Previous Week Accumulation (July 27 – August 2)	Month-to-Date Accumulation (July 1 – 31)	Year-to-Date Accumulation (Jan 1 – Aug 2)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (Apr – Jun)
High Plains	1.12	3.42	9.96	19.64	81
Low Rolling Plains	1.91	3.56	12.31	24.51	83
North Central Texas	2.27	3.38	16.91	35.23	76
East Texas	2.61	4.38	22.05	48.08	72
Trans-Pecos	0.68	1.63	5.74	13.19	102
Edwards Plateau	0.98	1.78	10.17	24.73	69
South Central Texas	0.21	0.56	6.74	36.21	36
Upper Coast	0.38	2.38	14.07	50.31	58
South Texas	0.14	0.32	3.80	24.08	36
Lower Valley	0.00	0.22	3.78	25.43	39

1/ Average of all stations reporting precipitation data.

2/ High Plains: 1-N, 1-S; Low Rolling Plains: 2-N, 2-S; North Central Texas: 3, 4; East Texas: 5-N, 5-S. Trans-Pecos: 6; Edwards Plateau: 7; South Central Texas: 8-N, 8-S; Upper Coast: 9; South Texas: 10-N; Lower Valley: 10-S.

For more weather information, please visit the following web sites:

[www.srh.noaa.gov/ufcshare/precip\\_analysis\\_new.php](http://www.srh.noaa.gov/ufcshare/precip_analysis_new.php) and [www.drought.unl.edu/dm/monitor.html](http://www.drought.unl.edu/dm/monitor.html)

**Top Soil Moisture by District – August 2, 2009**

Condition	Percent of Acreage, by District *														
	1-N	1-S	2-N	2-S	3	4	5-N	5-S	6	7	8-N	8-S	9	10-N	10-S
Very Short	8	2	5	6	12	19	0	51	23	33	85	97	67	89	67
Short	39	11	29	22	43	34	7	17	38	36	14	3	16	11	20
Adequate	52	68	56	67	41	31	62	26	39	30	1	0	12	0	13
Surplus	1	19	10	5	4	16	31	6	0	1	0	0	5	0	0

\* High Plains: 1-N, 1-S; Low Rolling Plains: 2-N, 2-S; North Central Texas: 3, 4; East Texas: 5-N, 5-S.  
 Trans-Pecos: 6; Edwards Plateau: 7; South Central Texas: 8-N, 8-S; Upper Coast: 9; South Texas: 10-N; Lower Valley: 10-S.

**Cooperating Agencies:**

Texas AgriLife Extension Service  
 Texas Department of Agriculture  
 National Weather Service

