



# Texas Crop Weather

Cooperating with Texas Department of Agriculture

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**Issue:** TX–CW3209

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**For the week of:** August 2, 2009 – August 9, 2009

**Agricultural Summary:** The northern and western parts of the state observed up to 3 inches of rainfall while the eastern part of the state received up to 1.5 inches of moisture. The central and southern parts of the state received little to no moisture. Wheat and oat field preparation took place in the northern part of the state. In the Northern High Plains, irrigated cotton and corn progressed well. Corn harvest was active and cotton progressed well in the Blacklands. Pecans were passing from the water to gel stage in the Trans-Pecos. In South Central Texas, cotton matured rapidly due to the hot, dry weather. Cotton bolls were opening in South Texas. 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. Range and pastures in the southern part of the state continued to remain dry. Top soil moisture was mostly very short to adequate across the state.

## Field Crops Report

**Small Grains:** Wheat and oat field preparation took place in the northern part of the state.

**Cotton:** In the Northern High Plains, cotton progressed well due the recent rainfall, however, cotton suffered from recent hail damage in localized areas. Cotton bolls were opening in the Plains and South Texas. In the Blacklands, cotton progressed well. In South Central Texas, cotton matured rapidly due to the hot, dry weather. Cotton condition was mostly fair to good statewide.

**Corn:** Worms were present in corn in the Northern High Plains, however, producers controlled damage. Corn harvest was active in the Blacklands and South Central Texas. Recent rainfall and hot temperatures caused corn to mature rapidly in the Edwards Plateau. Corn condition was mostly very poor to fair 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 very poor to fair statewide.

**Peanuts:** Peanuts progressed well in the Southern Low Plains. Pegging was active in South Texas while peanuts were under heavy irrigation. 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:**

Producers in the Northern High Plains prepared to harvest sunflowers.

**Pecan:** Pecans were passing from the water to the gel stage in the Trans-Pecos. Pecans continued to progress well in the Edwards Plateau.

### **Livestock, Range and Pasture Report:**

Supplemental feeding of livestock continued in localized parts of the state. Stock tank levels across the northern part of the state were adequate, however, tank levels in the southern part of the state were at critical levels. Livestock herd liquidation continued in localized parts of the state. Recent rainfall improved range and pasture conditions in the northern part of the state. Range and pastures in the southern part of the state continued to remain dry. Range and pasture condition was mostly very poor to fair statewide.

**Crop Progress Table – August 9, 2009**

Crop	Stage	Percent		
		2009	2008	Average 2004 – 2008
Corn	Silked	97	97	99
	Dough	85	73	83
	Dent	71	62	68
	Mature	58	58	57
	Harvested	48	36	30
Cotton	Squaring	95	91	94
	Setting Bolls	67	53	67
	Bolls Opening	13	17	14
Peanuts	Pegging	93	91	90
Rice	Headed	94	96	96
	Harvested	28	25	21
Sorghum	Headed	79	74	80
	Coloring	66	64	62
	Mature	61	58	54
	Harvested	53	55	46
Soybeans	Blooming	94	98	57
	Setting Pods	89	90	36
Sunflowers	Planted	85	74	95
Winter Wheat	Harvested	100	100	100

**Crop Condition Table – August 9, 2009**

Crop	Percent					Index <sup>1/</sup>	
	Excellent	Good	Fair	Poor	Very Poor	2009	2008
Corn	5	22	24	20	29	46	54
Cotton	11	29	31	14	15	61	56
Peanuts	14	62	23	1	0	85	73
Rice	3	24	44	16	13	56	85
Sorghum	3	20	38	16	23	49	64
Soybeans	6	25	39	26	4	59	56
Range & Pasture	4	20	25	21	30		

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 (Aug 2 – Aug 9)	Month-to-Date Accumulation (Aug 1 – 9)	Year-to-Date Accumulation (Jan 1 – Aug 9)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (May – Jul)
High Plains	0.24	0.28	10.20	19.64	94
Low Rolling Plains	0.02	0.07	12.33	24.51	97
North Central Texas	0.06	0.47	16.97	35.23	76
East Texas	0.05	0.55	22.10	48.08	70
Trans-Pecos	0.24	0.34	5.98	13.19	103
Edwards Plateau	0.00	0.33	10.17	24.73	60
South Central Texas	0.01	0.01	6.75	36.21	23
Upper Coast	0.10	0.10	14.17	50.31	31
South Texas	0.00	0.00	3.80	24.08	32
Lower Valley	0.00	0.00	3.78	25.43	41

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/rfcshare/precip\\_analysis\\_new.php](http://www.srh.noaa.gov/rfcshare/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 9, 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	9	3	10	4	12	20	0	65	21	30	88	97	43	84	65
Short	45	31	48	32	44	38	10	16	38	33	11	3	45	14	35
Adequate	45	59	39	60	43	42	83	19	41	37	1	0	10	2	0
Surplus	1	7	3	4	1	0	7	0	0	0	0	0	2	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

