



United States Department of Agriculture  
National Agricultural Statistics Service



# Texas Crop Weather

Cooperating with Texas Department of Agriculture

Texas Field Office · Post Office Box 70 · Austin, Texas 78767  
(512) 916-5581 · (800) 842-1331 FAX · [www.nass.usda.gov](http://www.nass.usda.gov)

**Issue:** TX-CW4207

**Released:** October 15, 2007

**For the week of:** October 8 – 14, 2007

**Agricultural Summary:** Scattered showers were prevalent across most of the state with most of the rainfall in the Blacklands and North East Texas. Winter wheat planting and land preparation continued in the Panhandle and Cross Timbers as many producers in the Blacklands were holding off due to Hessian fly activity. Cotton harvest was beginning throughout most of the state as fields were being defoliated. Good yields were reported in the Northern High Plains and the Blacklands as corn harvest was nearing completion. Sorghum harvest continued in the Panhandle. Peanut harvest continued in the High Plains and South Texas. Soil moisture was short to adequate across the state. The Blacklands and North East Texas received the most rain with 0.50 to 2.0 inches of rainfall. The South Central Texas received 0.50 to 1.50 inches of rainfall. The Panhandle received 0.01 to 1.50 inches of rainfall. The Edwards Plateau and South Texas received 0.01 to 0.25 inches of rainfall. Trans-Pecos received the least amount of rainfall with zero to 0.25 inches of rainfall. Livestock continued to be in good condition across most areas of the state. Hay production continued across most areas of the state as most producers were harvesting their final cutting. Ranges and pastures remained in good condition in most areas of the state, but most areas could use some rain.

## Field Crops Report

**Small Grains:** Winter wheat planting continued in the Northern High Plains as some irrigation was being conducted in some areas. Soil moisture was becoming a concern as wheat was being planted in the Southern Low Plains. Early planted wheat in the Cross Timbers was in need of rain due to the dry conditions. Many producers in the Blacklands were holding off wheat planting due to Hessian fly activity. Producers were striving to control armyworms on early planted field in the Blacklands. Wheat condition was mostly fair to good statewide.

**Cotton:** Cotton was progressing well in the Northern High Plains as harvest aide materials were being applied. There was some slight hail damage in the Southern High Plains as most dryland cotton was ready to defoliate. Cotton matured quickly in the Northern Low Plains and was starting to defoliate. Ginning was in full swing in the Southern Low Plains. Harvest continued in South Central Texas, South Texas, and the Coastal Bend. Cotton condition was mostly fair to good statewide.

**Corn:** Harvest was progressing well in the Northern High Plains as it was nearing completion. Harvest was complete in the Blacklands as growers were preparing fields for spring planting. Statewide, corn condition was mostly good to excellent.

**Sorghum:** Sorghum remained in good condition as harvest continued in the Northern High Plains as weather permitted. Harvest was progressing well in the Southern Plains with some reports of feral hog damage. Sorghum conditions were mostly fair to good statewide.

**Peanuts:** Peanut harvest was in full swing in the Southern High Plains. Harvest continued in the Northern Low Plains. The peanut crop continued to develop in South Texas. Peanut conditions were mostly good to excellent statewide.

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

Livestock continued to be in good condition across most areas of the state. Hay production continued across most areas of the state as most producers were harvesting their final cutting. Ranges and pastures remained in good condition in most areas of the state, but most areas could use some rain.

**Crop Progress Table – October 14, 2007**

<b>Crop</b>	<b>Stage</b>	<b>2007</b>	<b>2006</b>	<b>Average 2002 – 2006</b>
- Percent -				
Corn	Harvested	99	93	90
Cotton	Bolls Opening	88	85	79
	Harvested	38	27	26
Peanuts	Harvested	28	25	20
Sorghum	Mature	99	81	80
	Harvested	95	72	67
Soybeans	Harvested	95	90	82
Sunflowers	Harvested	60	72	69
Winter Wheat	Planted	67	73	71
	Emerged	44	49	47
Oats	Planted	50	59	64
	Emerged	24	23	7

**Crop Condition Table – October 14, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Corn	27	44	20	6	3	83	--
Cotton	17	42	27	11	3	76	52
Peanuts	25	56	19	0	0	89	74
Sorghum	11	42	32	12	3	72	--
Soybeans	34	53	12	0	1	92	--
Wheat	2	25	57	12	4	62	--
Oats	4	27	45	15	9	60	--
Range & Pasture	14	48	29	6	3	--	--

<sup>1/</sup> 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.

**Top Soil Moisture by District – October 14, 2007 \***

Condition	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
- Percent of Acreage -															
Very Short	0	0	0	13	0	3	16	15	22	2	0	0	0	3	0
Short	63	55	20	37	73	33	32	56	46	49	53	32	14	50	0
Adequate	37	45	80	50	27	64	50	29	32	47	43	63	60	44	85
Surplus	0	0	0	0	0	0	2	0	0	2	4	5	26	3	15

\* 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.

**Weather Information Table <sup>1/ 2/</sup>**

National Weather Service Climatic Divisions	Previous Week (Oct 8 – 14) Accumulation	Month-to-date (Oct 1 – 14) Accumulation	Year-to-date (Jan 1 – Oct 14) Accumulation	1961-90 Annual Normal	Previous Three Months (Jul – Sep) Percent of Normal
High Plains	0.14	0.19	17.81	18.87	71
Low Rolling Plains	0.18	0.19	22.88	23.78	104
North Central Texas	0.62	0.74	34.55	34.00	98
East Texas	0.21	0.62	37.95	45.69	123
Trans-Pecos	0.08	0.19	12.12	12.96	79
Edwards Plateau	0.25	0.26	29.02	24.01	127
South Central Texas	0.72	1.00	35.28	34.48	152
Upper Coast	0.37	1.18	52.08	47.63	155
South Texas	0.27	0.41	28.54	23.49	155
Lower Valley	0.98	1.31	22.78	25.34	118

<sup>1/</sup> Average of all stations reporting precipitation data.

<sup>2/</sup> 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/rfcsahre/precip\\_analysis\\_new.php](http://www.srh.noaa.gov/rfcsahre/precip_analysis_new.php) and [www.drought.unl.edu/dm/monitor.html](http://www.drought.unl.edu/dm/monitor.html)

**Cooperating Agencies:**

Texas Agricultural Extension Service

Texas Department of Agriculture

National Weather Service

