



United States Department of Agriculture  
National Agricultural Statistics Service



# Texas Crop Weather

Cooperating with Texas Department of Agriculture

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**For the week of:** July 16- 22, 2007

**Agricultural Summary:** Drier conditions and warmer temperatures were prevalent across most regions of the state, allowing farmers to resume the harvest of wheat as it neared completion. Soil moisture was adequate in most areas of the state; however, a surplus of soil moisture was reported in South Central Texas and the Upper Coast. South West Texas received the most moisture with 1.0 to 8.0 inches of rainfall. South Central and South East Texas received 0.50 to 3.0 inches of rainfall. West Texas received 0.01 to 1.0 inches of rainfall. The Panhandle and North Texas received the least amount of rainfall with 0.01 to 0.5 inches of rainfall. Wet soils have continued to cause harvesting problems in East Texas. Range conditions were good due to recent moisture and warmer conditions. Haying and baling continued in most areas as weather permitted. Livestock remained in good to excellent condition in most areas of the state.

## Field Crops Report

**Small Grains:** Wheat harvest progressed with high yields as it neared completion in the High and Low Plains. Some wheat harvest was completed in the Cross Timbers area. Farmers attempted to harvest the remaining wheat in some areas of the Blacklands as weather permitted. Statewide, wheat condition was mostly good to excellent.

**Cotton:** The Northern High Plains cotton crop continued to progress well with hot dry weather. In the Southern High Plains, cotton began to bloom as some irrigation systems were started to help the irrigated fields. Cotton continued to progress well with adequate moisture in the Southern Low Plains. Flea hoppers and lygus bugs started to become a concern in the High and Low Plains. Cotton continued to struggle in North East Texas due to excessive moisture and water standing in the fields. Cotton condition was mostly fair to good statewide.

**Corn:** Corn looked good in the Northern High Plains and South Central Texas. Harvesting problems were reported in North East Texas due to excessive moisture. Statewide, corn condition was mostly good to excellent.

**Sorghum:** Sorghum continued to progress in the High Plains and the Southern Low Plains. Conditions were good for sorghum in the Blacklands. Harvest was delayed due to wet field conditions in some areas of South Central Texas, the Upper Coast, and South Texas. Sorghum conditions were mostly fair to good statewide.

## Fruit, Vegetable and Specialty Crop Report

Peach harvest neared completion in North East Texas. Some disease problems in vegetables have been reported in North East Texas due to excessive moisture and humidity. Watermelon and peach harvest was progressing well in the Edwards Plateau.

## Livestock, Pasture and Range Report

Livestock were in good condition in the Northern High and Low Plains. Livestock were in good condition in the Cross Timbers area, but horn flies and heel flies were becoming a concern. Livestock continued to be in good shape in most areas of the Blacklands, North East Texas, Trans-Pecos, Edwards Plateau, and South Texas. Hay cutting and baling was in full swing in most areas of the Cross Timbers while other areas were delayed due to wet weather conditions. Excessive soil moisture prevented some hay baling in North East Texas and South Central Texas. Range and Pasture conditions were good in most areas of the state due to the recent rains and warmer weather. Statewide, range and pasture conditions were mostly good to excellent.

**Crop Progress Table – July 22, 2007**

Crop	Stage	2007	2006	Average 2002 – 2006
			- Percent -	
Corn	Silked (Tasseled)	91	92	90
	Dough	60	67	67
	Dent	54	62	58
	Mature	23	53	42
Cotton	Squaring	73	78	80
	Setting Bolls	22	33	36
	Bolls Opening	4	6	8
Peanuts	Pegging	49	63	76
Rice	Headed	82	91	80
Sorghum	Headed	89	71	60
	Coloring	75	57	48
	Mature	46	48	39
	Harvested	23	31	28
Soybeans	Blooming	89	--	--
	Setting Pods	30	--	--
Winter Wheat	Harvested (Grain)	92	100	100
Oats	Harvested (Grain)	95	100	---

**Crop Condition Table – July 22, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Corn	26	52	17	4	1	87	43
Cotton	13	36	33	13	5	71	45
Peanuts	7	62	30	1	0	82	69
Rice	1	34	60	5	0	69	68
Sorghum	17	54	23	5	1	82	44
Soybeans	26	54	18	1	1	88	38
Wheat	26	37	20	8	9	76	--
Oats	23	35	25	15	2	76	--
Range & Pasture	31	50	15	3	1	--	--

<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.

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

National Weather Service Climatic Divisions	Previous Week (July 16 – 22) Accumulation	Month-to-date (July 1 – 22) Accumulation	Year-to-date (Jan 1 – Jul 22) Accumulation	1961-90 Annual Normal	Previous Three Months (April - June) Percent of Normal
High Plains	0.09	1.11	13.46	18.87	115
Low Rolling Plains	0.33	1.31	15.78	23.78	123
North Central Texas	0.32	2.36	28.24	34.00	149
East Texas	0.81	6.12	31.67	45.69	103
Trans-Pecos	0.60	1.44	8.39	12.96	156
Edwards Plateau	1.02	2.17	21.42	24.01	162
South Central Texas	2.04	7.07	26.65	34.48	91
Upper Coast	2.80	10.21	38.82	47.63	110
South Texas	1.56	5.45	21.49	23.49	140
Lower Valley	2.23	4.49	14.70	25.34	85

<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/ftcshare/precip\\_analysis\\_new.php](http://www.srh.noaa.gov/ftcshare/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 – July 22, 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	3	2	0	0	0	0	0	0	17	4	0	0	0	0	0
Short	38	31	16	18	2	6	1	0	31	14	0	0	0	2	0
Adequate	58	58	66	74	79	53	45	41	52	70	51	17	7	82	57
Surplus	1	9	18	8	19	41	54	59	0	12	49	83	93	16	43

\* 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 Agricultural Extension Service
- Texas Department of Agriculture
- National Weather Service

