



United States Department of Agriculture  
National Agricultural Statistics Service



# Texas Crop Weather

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Cooperating with Texas Department of Agriculture  
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**For the week of:** July 23 - 29, 2007

**Agricultural Summary:** Warmer weather was prevalent across most regions of the state with continued rains in the Southern areas of the state. Wheat harvest neared completion in most areas of the state as weather permitted. 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 Texas received the most moisture with 1.0 to 6.0 inches of rainfall. South Central and South East Texas received 0.50 to 4.0 inches of rainfall. The Panhandle received 0.01 to 2.0 inches of rainfall. North East Texas received 0.01 to 4.0 inches of rainfall. The Trans-Pecos area received the least amount of rainfall with 0.01 to 0.50 inches of rainfall. Wet soils continued to cause harvesting problems in South and East Texas. Range conditions were good due to the previous 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 was completed in most areas in the Northern High Plains and Cross Timbers. Drier conditions allowed wheat harvest to continue as it neared completion in the Blacklands. Statewide, wheat condition was mostly good to excellent.

**Cotton:** Warmer and drier weather continued to help cotton progress in the Northern High Plains. Cotton continued to progress as it was starting to bloom in some areas of the Northern Low Plains and Southern High Plains. Cooler temperatures slowed cotton development in the Edwards Plateau. Cotton condition was mostly fair to good statewide.

**Corn:** Corn looked good in the Northern High Plains as irrigation continued in some areas. Corn continued to mature in the Blacklands as many producers were preparing to harvest. Corn was struggling in some areas of South Central Texas due to wet weather conditions. Statewide, corn condition was mostly good to excellent.

**Sorghum:** Sorghum was progressing well in the High Plains. Sorghum was beginning to color in some areas of the Southern Low Plains. Excessive soil moisture made harvesting difficult in some areas of South Central Texas. Sorghum conditions were mostly fair to good statewide.

## Fruit, Vegetable and Specialty Crop Report

Peach harvest was good in the Cross Timbers despite some reports of brown rot. Peach harvest was concluded in most areas of North East Texas. Some disease problems were reported in vegetables due to excessive moisture and humidity in North East Texas.

## Livestock, Pasture and Range Report

Livestock were in good condition in North East Texas, but flies and mosquitoes were becoming a concern. Cattle continued to be in good shape across most areas of the state. Hay cutting and baling continued in the Low Plains, Blacklands, and North East Texas as weather permitted. Excessive soil moisture prevented some hay baling in the Edwards Plateau. Continued wet weather halted hay harvest and production in some areas of 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 29, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Silked (Tasseled)	97	97	95
	Dough	66	83	75
	Dent	57	65	62
	Mature	34	59	51
Cotton	Squaring	82	89	87
	Setting Bolls	31	51	52
	Bolls Opening	5	11	12
Peanuts	Pegging	80	73	83
Rice	Headed	88	94	88
Sorghum	Headed	90	74	66
	Coloring	76	60	51
	Mature	54	53	44
	Harvested	25	42	35
Soybeans	Blooming	92	--	--
	Setting Pods	73	--	--
Winter Wheat	Harvested (Grain)	95	100	100
Oats	Harvested (Grain)	96	100	--

**Crop Condition Table – July 29, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Corn	25	47	16	8	4	82	45
Cotton	12	36	35	12	5	70	44
Peanuts	26	56	17	1	0	89	66
Rice	7	31	56	6	0	71	72
Sorghum	16	52	24	5	3	80	42
Soybeans	34	47	17	1	1	90	38
Wheat	26	37	20	8	9	76	--
Oats	23	35	25	15	2	76	--
Range & Pasture	34	47	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 23 – 29) Accumulation	Month-to-date (July 1 – 29) Accumulation	Year-to-date (Jan 1 – Jul 29) Accumulation	1961-90 Annual Normal	Previous Three Months (April - June) Percent of Normal
High Plains	0.19	1.30	13.65	18.87	115
Low Rolling Plains	0.88	2.19	16.66	23.78	123
North Central Texas	0.96	3.32	29.20	34.00	149
East Texas	0.72	6.84	32.39	45.69	103
Trans-Pecos	0.20	1.64	8.59	12.96	156
Edwards Plateau	1.39	3.56	22.81	24.01	162
South Central Texas	2.09	9.16	28.74	34.48	91
Upper Coast	2.57	12.78	41.39	47.63	110
South Texas	1.98	7.43	23.47	23.49	140
Lower Valley	0.74	5.23	15.44	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 29, 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	9	4	0	0	0	0	0	0	18	5	0	0	0	0	0
Short	43	35	30	15	1	1	1	2	23	14	0	0	0	1	0
Adequate	48	52	61	78	75	54	60	44	59	63	24	2	12	68	85
Surplus	0	9	9	7	24	45	39	54	0	18	76	98	88	31	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.

**Cooperating Agencies:**

Texas Agricultural Extension Service  
 Texas Department of Agriculture  
 National Weather Service

