



United States Department of Agriculture  
National Agricultural Statistics Service



# Texas Crop Weather

Cooperating with Texas Department of Agriculture

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**Issue:** TX-CW3307

**Released:** August 13, 2007

**For the week of:** August 6 - 12, 2007

**Agricultural Summary:** Hot and dry weather was prevalent across most regions of the state with scattered showers in the Panhandle and Trans-Pecos. Weather conditions continued to help cotton produce blooms and set bolls across most areas of the state. Corn continued to progress in some areas of the state as harvest was in full swing in most of Southern Texas. Soil moisture was adequate in most areas of the state. The Panhandle and Trans-Pecos area received the most moisture with 0.01 to 0.50 inches of rainfall. The South East Coast received 0.01 to 0.10 inches of rainfall. All other areas of the state observed no precipitation for the week. Range and pasture conditions continued to be in good shape. Hay cutting and baling continued in most areas due to the hot and dry weather. Livestock remained in good to excellent condition in most areas of the state.

## Field Crops Report

**Cotton:** Hot and dry weather continued to help cotton produce blooms and set bolls in some areas of the High Plains. Increased heat units helped cotton continue to progress as it was blooming and setting bolls in some areas of the Southern Low Plains. Cotton was doing well in the Edwards Plateau with some reports of cotton bollworm due to the excessive moisture. Cotton continued to progress well in South Texas as most areas were setting bolls. Cotton condition was mostly fair to good statewide.

**Corn:** Corn was doing well in the Northern High Plains as irrigation continued in some areas. Corn continued to mature in the Blacklands as some producers began to harvest. Harvest was in full swing in most areas of Southern Texas. Statewide, corn condition was mostly good to excellent.

**Sorghum:** Sorghum was progressing well as it was starting to head in most areas of the High Plains. Harvest began in most areas of the Blacklands. Harvest continued in South Central Texas with high yields reported, but the quality was a concern due to excessive wet weather. Harvest was in full swing in South Texas. Sorghum conditions were mostly fair to good statewide.

### Fruit, Vegetable and Specialty Crop Report

Melon harvest continued in some areas of the Southern High Plains, North East Texas, and Trans-Pecos. Pecans continued to develop in the Cross Timbers and Blacklands with scab and fungus reported in some areas.

### Livestock, Pasture and Range Report

Livestock were in good condition across most areas of the state. Cattle continued to be in good shape across most areas of the state. Hay cutting and baling was in full swing in the Cross Timbers, Blacklands, East Texas, South Central Texas, and South Texas due to the hot and dry weather conditions. Ranges and Pastures remained in good condition with lots of green forage in most areas of the state. Statewide, range and pasture conditions were mostly good to excellent.

**Crop Progress Table – August 12, 2007**

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Silked (Tasseled)	99	100	100
	Dough	79	96	91
	Dent	65	83	75
	Mature	55	63	61
	Harvested	7	54	39
Cotton	Squaring	93	95	96
	Setting Bolls	70	80	77
	Bolls Opening	10	17	17
Peanuts	Pegging	86	85	93
Rice	Headed	98	97	98
	Harvested	14	52	40
Sorghum	Headed	92	84	76
	Coloring	78	68	56
	Mature	56	63	51
	Harvested	37	59	46
Soybeans	Blooming	98	--	--
	Setting Pods	91	--	--

**Crop Condition Table – August 12, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Corn	23	45	18	9	5	79	42
Cotton	13	36	33	13	5	70	43
Peanuts	27	59	14	0	0	91	73
Rice	3	22	69	6	0	63	71
Sorghum	14	46	30	9	1	77	40
Soybeans	37	49	13	0	1	93	31
Range & Pasture	35	46	16	3	0	--	--

<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 (August 6 – 12) Accumulation	Month-to-date (August 1 – 12) Accumulation	Year-to-date (Jan 1 – Aug 12) Accumulation	1961-90 Annual Normal	Previous Three Months (May – July) Percent of Normal
High Plains	0.12	0.89	14.60	18.87	99
Low Rolling Plains	0.27	1.18	17.91	23.78	125
North Central Texas	0.08	0.62	30.06	34.00	176
East Texas	0.00	0.51	33.59	45.69	154
Trans-Pecos	0.03	1.04	10.19	12.96	136
Edwards Plateau	0.00	0.25	23.39	24.01	189
South Central Texas	0.01	0.33	29.15	34.48	155
Upper Coast	0.07	1.08	42.50	47.63	162
South Texas	0.01	0.05	23.57	23.49	227
Lower Valley	0.03	0.22	15.66	25.34	140

<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/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 12, 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	7	1	0	0	0	0	0	0	12	1	0	0	0	0	0
Short	54	33	31	23	20	17	7	5	25	27	0	23	5	5	0
Adequate	38	55	67	68	72	66	79	73	63	64	87	66	25	88	87
Surplus	1	11	2	9	8	17	14	22	0	8	13	11	70	7	13

\* 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

