



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:** May 21 - 27, 2007

**Agricultural Summary:** Widespread rain and cooler temperatures were prevalent across many regions of the state most of the week. Most areas have adequate sub-soil moisture, as recent rains continued to increase levels. Some fields benefited from the good soil moisture, but many activities were slowed due to wet conditions. Torrential downpours brought as much as 2.0 to 8.0 inches of rainfall to the Eastern half of the state, causing flooding in a few areas. The Western half of the state received mostly 0.01 to 1.0 inch of rainfall, as isolated showers brought as much as 1.5 to 2.0 inches to small sections. Recent storms have contributed to crop damage in some areas of the state, but many producers anticipate damage to be minimal. Continued cool and wet conditions have brought additional stress, fungus, and bacterial problems to trees in the Blacklands. Haying and baling continued in some areas where conditions allowed. Livestock remained in good to excellent condition in most areas of the state, despite a continual increase in horn and heel fly populations in cattle. Supplemental feeding continued to decrease due to good forage growth. High fertilizer prices continued to cause concerns, as some producers have decreased application rates.

## Field Crops Report

**Small Grains:** Wheat conditions remained good in the Northern High Plains, but rust problems continued to increase due to cool, wet weather. Although wheat continued to mature in the Northern Low Plains, harvest was slowed due to recent rains. Some wheat was cut for hay in the Cross Timbers, but many producers were waiting for drier weather in order to resume baling. Flooding of wheat was a major concern of producers in the Blacklands. Statewide, wheat condition was mostly good to excellent while oat condition remained mostly fair to good.

**Cotton:** Planting was ongoing in the Plains as conditions allowed. Some cotton emerged in the Northern High Plains. Soil temperatures in the Southern High Plains remained good for seed germination but not warm enough to promote rapid growth. Recent rainfall also aided emergence of early-planted cotton in the Northern Low Plains.

**Corn:** In both the Northern High Plains and Blacklands, corn continued to progress. Tasseling continued to increase in the Blacklands. Statewide, corn condition was mostly fair to good.

**Sorghum:** Limited planting began in the Northern High Plains, as soil moisture continued to be favorable. Sorghum condition was mostly good to excellent statewide.

### Fruit, Vegetable and Specialty Crop Report

Vegetables and fruit crops continued to progress in North East Texas due recent rainfall.

**Pecans:** Producers in the Trans-Pecos and Edwards Plateau continued to spray for pecan nut case bearer infestation. Many trees are still recovering from the late freeze in April.

### Livestock, Pasture and Range Report

Horn flies were heavy on cattle in North East Texas, but body condition remained good. Livestock in the Edwards Plateau also remained in good condition despite an increase in internal parasites. Producers in the Edwards Plateau continued to shear sheep and goats as weather permitted. Native ranges and pastures continued to provide high quality forage for livestock in South Texas. Statewide, range and pasture condition was mostly fair to good.

**Crop Progress Table – May 27, 2007**

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Planted	98	99	99
	Emerged	90	92	92
	Silked (Tasseled)	24	32	26
Cotton	Planted	55	71	66
	Squaring	9	9	11
Peanuts	Planted	80	85	79
Rice	Planted	98	100	100
	Emerged	90	99	98
Sorghum	Planted	72	76	66
	Headed	35	24	24
Soybeans	Planted	91	95	85
	Emerged	82	90	18
Sunflowers	Planted	49	60	54
Winter Wheat	Headed	99	98	97
	Harvested	3	14	14
Oats	Headed	99	95	--
	Harvested	22	33	--

**Crop Condition Table – May 27, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Corn	21	39	35	4	1	80	62
Peanuts	6	49	45	0	0	78	67
Rice	0	46	45	9	0	71	71
Sorghum	25	55	19	1	0	89	47
Soybeans	16	53	29	2	0	83	63
Wheat	26	44	22	6	2	83	22
Oats	17	41	32	9	1	77	32
Range & Pasture	22	47	23	7	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.

**Top Soil Moisture by District – May 27, 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	1	0	0	1	0	0	0	0	7	0	0	8	1	1	15
Short	13	1	2	1	2	3	9	6	22	12	5	28	12	13	30
Adequate	60	56	57	57	66	57	72	63	66	57	85	39	82	63	55
Surplus	26	43	41	41	32	40	19	31	5	31	10	25	5	23	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.

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

National Weather Service Climatic Divisions	Previous Week (May 21 - 27) Accumulation	Month-to-date (May 1 - 27) Accumulation	Year-to-date (Jan 1 - May 27) Accumulation	1961-90 Annual Normal	Previous Three Months (Feb - Apr) Percent of Normal
High Plains	0.92	3.54	9.44	18.87	194
Low Rolling Plains	0.89	3.28	9.51	23.78	125
North Central Texas	3.16	5.99	17.24	34.00	104
East Texas	1.80	4.93	19.17	45.69	70
Trans Pecos	0.38	2.20	5.38	12.96	181
Edwards Plateau	2.19	5.89	14.38	24.01	144
South Central Texas	2.39	3.27	15.88	34.48	124
Upper Coast	3.08	4.90	22.98	47.63	145
South Texas	3.30	5.50	11.68	23.49	78
Lower Valley	1.64	2.43	7.18	25.34	88

<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/rfcsshare/precip\\_analysis\\_new.php](http://www.srh.noaa.gov/rfcsshare/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

