



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:** June 18 - 24, 2007

**Agricultural Summary:** Most areas of the state received moderate to heavy amounts of moisture. Central and Eastern Texas received 0.1 to 1 inches of rainfall. The Panhandle received mostly 0.01 to 0.5 inches of rainfall. South Texas received the most rain with 1.50 to 4.0 inches of rainfall. The remaining areas of the state received mostly 0.50 to 1.50 inches of rainfall, as some sections of Trans-Pecos managed to avoid the rains entirely. In some areas of the state, additional rainfall kept soils too wet for harvesting. Range conditions remained in good condition. Haying and baling continued in some areas where conditions allowed. Livestock remained in good to excellent condition in most areas of the state. Fly and grasshopper populations continue to increase across most areas of the state.

## Field Crops Report

**Small Grains:** Wheat harvest was in full swing with excellent yields reported in the High Plains. Some un-harvested wheat was damaged by extremely high winds midweek in the Northern Low Plains. Harvesting of wheat and oats continued to be delayed by daily thunderstorms in the Blacklands. Statewide, wheat condition was mostly good to excellent while oat condition remained mostly fair to good.

**Cotton:** Development was still behind but continued to improve due to higher temperatures in the High Plains. Conditions remained too wet to plant in the Northern Low Plains with some fields severely damaged by high winds. Cotton growth continued to progress with warmer temperatures and good moisture conditions in the Southern Low Plains. In South Texas, cotton was looking more promising than earlier in the season. Cotton condition was mostly fair to good statewide.

**Corn:** Corn was in good shape in both the Northern High Plains and Blacklands, as recent rains continued to improve conditions. Statewide, corn condition was mostly fair to good.

**Sorghum:** Sorghum was in good condition with the increased rainfall in most areas of the state. Harvest began in the Lower Valley and South Texas. Sorghum conditions were mostly good to excellent statewide.

## Fruit, Vegetable and Specialty Crop Report

Growth and development continued in North East Texas, with watermelons, peaches, and tomatoes being harvested. There were some reports of brown rot disease in peaches due to the wet humid conditions. There were also some reports of disease and insect problems in tomatoes.

## Livestock, Pasture and Range Report

Although recent rains have been beneficial to crops and pastures, baling of hay was slowed due to continued rainfall across most areas of the state. There were reports of good hay yields in North East Texas, despite the effects of recent storms. Fly and grasshopper populations continue to increase across most of the state. Cattle were in good condition with plenty of lush forage and tank water in the Southern Low Plains. Range and pasture conditions remained in good condition in both the Upper Coast and Southern Low Plains. Range and pasture conditions were stable in the Trans-Pecos area, but some were beginning to dry out due to hot temperatures. Statewide, range and pasture condition was mostly good to excellent.

Crop Progress Table – June 24, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Silked (Tasseled)	59	63	64
	Dough	25	41	42
	Dent	11	21	18
	Mature	1	2	2
Cotton	Squaring	22	33	30
	Setting Bolls	12	13	13
Peanuts	Pegging	4	21	11
Rice	Headed	15	40	25
Sorghum	Planted	94	94	88
	Headed	50	58	48
	Coloring	39	34	28
	Mature	11	17	14
	Harvested	1	3	3
Soybeans	Blooming	54	66	--
Sunflowers	Planted	81	97	87
Winter Wheat	Harvested (Grain)	45	86	73
Oats	Harvested (Grain)	90	80	--

**Crop Condition Table – June 24, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Corn	24	43	29	3	1	83	47
Cotton	12	36	31	15	6	68	45
Peanuts	4	48	45	3	0	75	68
Rice	0	35	63	2	0	70	71
Sorghum	24	57	18	1	0	89	43
Soybeans	33	54	13	0	0	93	51
Wheat	30	39	19	8	4	82	25
Oats	23	35	25	15	2	76	28
Range & Pasture	27	49	20	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 (June 18 - 24) Accumulation	Month-to-date (June 1 - 24) Accumulation	Year-to-date (Jan 1 - Jun 24) Accumulation	1961-90 Annual Normal	Previous Three Months (Mar - May) Percent of Normal
High Plains	0.62	2.09	11.82	18.87	196
Low Rolling Plains	1.33	3.60	13.54	23.78	136
North Central Texas	0.97	4.18	22.19	34.00	139
East Texas	0.92	3.78	24.09	45.69	99
Trans-Pecos	0.38	1.13	6.59	12.96	236
Edwards Plateau	0.69	2.87	17.26	24.01	193
South Central Texas	1.44	2.72	18.76	34.48	132
Upper Coast	1.39	3.25	27.27	47.63	167
South Texas	1.62	3.50	15.22	23.49	149
Lower Valley	2.75	2.82	10.00	25.34	99

<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/rfcshare/precip\\_analysis\\_new.php](http://www.srh.noaa.gov/rfcshare/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 – June 24, 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	4	2	0	1	0	0	0	0	7	3	0	3	0	1	27
Short	28	9	3	4	3	2	2	1	29	17	4	17	15	14	30
Adequate	62	70	71	76	51	52	69	67	64	66	82	73	75	79	43
Surplus	6	19	26	19	46	46	29	32	0	14	14	7	10	6	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.

**Cooperating Agencies:**

Texas Agricultural Extension Service  
 Texas Department of Agriculture  
 National Weather Service

