



United States Department of Agriculture
National Agricultural Statistics Service



Texas Crop Weather

Cooperating with Texas Department of Agriculture

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Issue: TX-CW2707

Released: July 2, 2007

For the week of: June 25 - July 1, 2007

Agricultural Summary: Most areas of the state continued to receive moderate to heavy amounts of moisture with heavy flooding in some areas. Central Texas received the majority of rainfall with mostly 2.0 to 10.0 inches. The Panhandle received mostly 0.10 to 1.5 inches of rainfall. South Texas received mostly 1.0 to 4.0 inches of rainfall. East Texas received mostly 1.0 to 3.0 inches of rainfall. The Trans-Pecos area received the least amount of rain with 0.01 to 0.50 inches of rainfall. Wet soils have continued to cause harvesting problems. Range conditions remained in good condition. Haying and baling were halted in most areas due to the continued rainfall. Livestock remained in good to excellent condition in most areas of the state. Mosquitoes were starting to become a problem as moist weather continued.

Field Crops Report

Small Grains: In the High Plains, wheat harvest continued in full force after being delayed due to previous showers. However, heavy rains continued to slow harvest in most other areas of the state. There were also some reports of crop damage in the Northern High Plains due to extremely high winds. Statewide, wheat condition was mostly good to excellent.

Cotton: Conditions worsened due to the below normal temperatures and severe weather in the Northern High Plains. Cotton did very well in the Southern High Plains with much of the cotton now squaring. Development was making progress in the Northern Low Plains, but needed more hot dry weather to continue. Losses were reported in the Southern Low Plains due to many fields being underwater. Cotton condition was mostly fair to good statewide.

Corn: Wet conditions were beneficial to corn production in the Northern High Plains. Some damage was reported in the Blacklands due to heavy rainfall. South Central Texas reported good to excellent yields. Statewide, corn condition was mostly good to excellent.

Sorghum: Conditions were very promising in the High Plains. In the Blacklands Sorghum was beginning to mature. Harvest continued to be delayed by the rainfall in the Coastal Bend and Lower Valley. Sorghum conditions were mostly good to excellent statewide.

Fruit, Vegetable and Specialty Crop Report

Harvest was delayed in the Cross Timbers area due to excessive moisture. Vegetable conditions and harvest continued to improve in North East Texas; however, there were reports of disease problems such as aphids, spider mites, and whiteflies. Peach and tomato harvest were in full swing with good yields reported in North East Texas with some disease problems reported in tomatoes.

Livestock, Pasture and Range Report

Hay fields were reported to be in good shape across the state, but wet conditions continued to slow the cuttings of hay. Sheep and goat producers in the Edwards Plateau continued to struggle with internal parasites such as stomach worms. Cattle were in good condition across the state with plenty of forage. Increased rainfall caused an increase in weeds in the Northern Plains and North East Texas. Statewide, range and pasture condition was mostly good to excellent.

Crop Progress Table – July 1, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Silked (Tasseled)	61	68	68
	Dough	45	52	52
	Dent	23	40	31
	Mature	3	13	6
Cotton	Squaring	30	46	41
	Setting Bolls	15	17	16
Peanuts	Pegging	5	29	24
Rice	Headed	33	58	39
Sorghum	Planted	98	97	92
	Headed	57	61	52
	Coloring	43	44	37
	Mature	26	27	21
	Harvested	6	12	9
Soybeans	Blooming	58	57	11
Sunflowers	Planted	85	100	92
Winter Wheat	Harvested (Grain)	68	95	89
Oats	Harvested (Grain)	92	85	--

Crop Condition Table – July 1, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Corn	25	42	24	6	3	81	43
Cotton	13	39	32	12	4	72	45
Peanuts	7	43	47	3	0	75	68
Rice	0	44	54	2	0	73	73
Sorghum	25	52	20	2	1	87	48
Soybeans	30	59	11	0	0	93	49
Wheat	26	37	20	8	9	76	--
Range & Pasture	33	47	16	3	1	--	--

^{1/} 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 ^{1/ 2/}

National Weather Service Climatic Divisions	Previous Week (Jun 25 - Jul 1) Accumulation	Month-to-date (June 1 - 30) Accumulation	Year-to-date (Jan 1 - Jul 1) Accumulation	1961-90 Annual Normal	Previous Three Months (Mar - May) Percent of Normal
High Plains	0.53	2.62	12.35	18.87	196
Low Rolling Plains	0.93	4.53	14.47	23.78	136
North Central Texas	3.89	7.87	26.08	34.00	139
East Texas	1.87	5.24	25.96	45.69	99
Trans-Pecos	0.36	1.49	6.95	12.96	236
Edwards Plateau	2.00	4.86	19.26	24.01	193
South Central Texas	1.63	3.54	20.39	34.48	132
Upper Coast	2.60	4.59	29.87	47.63	167
South Texas	1.44	4.32	16.66	23.49	149
Lower Valley	0.21	3.03	10.21	25.34	99

^{1/} Average of all stations reporting precipitation data.

^{2/} 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 and www.drought.unl.edu/dm/monitor.html

Top Soil Moisture by District – July 1, 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	2	0	0	0	0	0	0	1	9	2	0	0	0	0	5
Short	16	3	4	4	9	1	2	3	21	11	2	0	0	5	17
Adequate	73	81	46	64	3	21	58	42	61	50	62	62	43	83	78
Surplus	9	16	50	32	88	78	40	54	9	37	36	38	57	12	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

