



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: July 2 - 8, 2007

Agricultural Summary: Widespread rain and cooler temperatures were prevalent across most regions of the state with continued flooding in some areas. Soil moisture was adequate in West and Southwest Texas; however, a surplus of soil moisture was reported in Central and East Texas with the most being in the Upper Coast. Some fields benefitted from the good soil moisture, but many activities were slowed due to wet conditions. Torrential downpours brought mostly 5.0 to 15.0 inches of rainfall along the Eastern coast of the state with heavy flooding reported in some areas. East Texas received mostly 2.0 to 6.0 inches of rainfall. South Texas received mostly 1.5 to 6.0 inches of rainfall. The Panhandle and Trans-Pecos area received the least amount of moisture with mostly 0.10 to 1.5 inches of rainfall. Wet soils have continued to cause harvesting problems. Range conditions steadily improved with continued moisture. 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.

Field Crops Report

Small Grains: Wheat harvest progressed with excellent yields reported in the High Plains. There were also reports of high yields in the Low Plains as harvest neared completion. Excessive moisture in the Blacklands prevented producers from harvesting any wheat with some reports of damage to the crop. Statewide, wheat condition was mostly good to excellent.

Cotton: The Northern High Plains cotton crop continued to struggle due to cooler temperatures and wind problems. Warmer temperatures were beneficial to the cotton crop in the Southern High Plains. Conditions varied in the Northern Low Plains due to planting dates, weather, and available moisture. Cotton continued to progress slowly in the Southern Low Plains due to cooler temperatures. Cotton continued to make good progress in South Texas. Cotton condition was mostly fair to good statewide.

Corn: Cooler and wet conditions in the Northern High Plains were beneficial towards corn growth. Some areas in South Central Texas experienced problems with nutrient leaching, but seemed to be fine. Statewide, corn condition was mostly fair to good.

Sorghum: Planting was completed and progressing well in the High Plains. In the Northern Low Plains grain conditions improved with adequate moisture. Heavy rains completely halted harvest in the Coastal Bend and Lower Valley. Sorghum conditions were mostly fair to good statewide.

Livestock, Pasture and Range Report

Continued rains prevented hay harvest in most areas of the state. Cattle were in very good condition in all areas of the state. Range and Pasture conditions continued to improve as a result of the above normal precipitation. Statewide, range and pasture conditions were mostly good to excellent.

Crop Progress Table – July 8, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Silked (Tasseled)	63	72	73
	Dough	50	55	58
	Dent	35	46	41
	Mature	8	24	14
Cotton	Squaring	51	56	53
	Setting Bolls	17	19	19
Peanuts	Pegging	11	44	39
Rice	Headed	52	73	57
Sorghum	Headed	86	68	55
	Coloring	70	50	42
	Mature	32	36	27
	Harvested	10	18	14
Soybeans	Blooming	68	59	12
Sunflowers	Planted	96	100	96
Winter Wheat	Harvested (Grain)	81	98	95
Oats	Harvested (Grain)	93	92	--

Top Soil Moisture by District – July 8, 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	14	3	0	0	0	0	0
Short	26	12	1	4	1	0	0	2	31	9	0	0	0	6	3
Adequate	64	75	82	69	23	24	29	28	43	49	46	17	9	63	64
Surplus	8	13	17	27	76	76	71	69	12	39	54	83	91	31	33

* 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.

Crop Condition Table – July 8, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Corn	20	53	22	4	1	84	42
Cotton	14	38	33	12	3	73	45
Peanuts	8	41	49	2	0	76	69
Rice	7	37	53	3	0	74	67
Sorghum	19	58	21	2	0	86	46
Soybeans	30	57	13	0	0	92	45
Wheat	26	37	20	8	9	80	--
Oats	23	35	25	15	2	--	--
Range & Pasture	38	43	15	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 (July 2 - 8) Accumulation	Month-to-date (July 1 - 8) Accumulation	Year-to-date (Jan 1 – Jul 8) Accumulation	1961-90 Annual Normal	Previous Three Months (April - June) Percent of Normal
High Plains	0.21	0.21	12.56	18.87	115
Low Rolling Plains	0.33	0.33	14.80	23.78	123
North Central Texas	1.17	1.37	27.25	34.00	149
East Texas	3.49	3.90	29.45	45.69	103
Trans-Pecos	0.12	0.12	7.07	12.96	156
Edwards Plateau	0.69	0.70	19.95	24.01	162
South Central Texas	3.66	4.47	24.05	34.48	91
Upper Coast	5.06	6.32	34.93	47.63	110
South Texas	3.11	3.73	19.77	23.49	140
Lower Valley	1.87	1.87	12.08	25.34	85

^{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/ftcshare/precip_analysis_new.php and www.drought.unl.edu/dm/monitor.html

Cooperating Agencies:

Texas Agricultural Extension Service

Texas Department of Agriculture

National Weather Service

