



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 9 - 15, 2007

Agricultural Summary: Drier conditions and warmer temperatures were prevalent across most regions of the state, allowing farmers to resume the harvest of wheat. Soil moisture was adequate in most areas of the state; however, a surplus of soil moisture was reported in East Texas. East Texas received the most moisture with 1.0 to 5.0 inches of rainfall. The Panhandle received 0.10 to 1.5 inches of rainfall. West Texas received 0.5 to 3.0 inches of rainfall. North and South Central Texas received the least amount of moisture with 0.01 to 1.0 inches of rainfall. Wet soils have continued to cause harvesting problems in East Texas. Some disease problems in vegetables were reported in North East Texas due to excessive moisture and humidity. Range conditions continued to improve due to recent moisture. Haying and baling resumed in most areas as weather permitted. Livestock remained in good to excellent condition in most areas of the state.

Field Crops Report

Small Grains: Wheat harvest progressed with high yields as it neared completion in the High Plains. Wet conditions hindered some producers from continuing harvest in the Low Plains. Wheat fields in the Blacklands continued to be too wet to harvest. Statewide, wheat condition was mostly good to excellent.

Cotton: The High Plains cotton crop continued to progress well with warmer weather. Warmer temperatures were beneficial to the cotton crop in the Southern Low Plains. Conditions varied in the Southern Low Plains due to planting dates, weather, and available moisture. Cotton progressed rapidly in the Blacklands due to the recent dry conditions. In the Coastal Bend and South Texas cotton continued to bloom in most fields due to improved growing conditions. Cotton condition was mostly fair to good statewide.

Corn: Corn progressed in the Northern High Plains and South Central Texas. Harvesting problems were reported in North East Texas due to excessive moisture. Statewide, corn condition was mostly good to excellent.

Sorghum: Conditions were good for sorghum in the High and Low Plains. Farmers were unable to harvest due to wet field conditions in the Blacklands. Good yields were reported as harvest resumed in the Coastal Bend, South Texas, and Lower Valley. Sorghum conditions were mostly good to excellent statewide.

Fruit, Vegetable and Specialty Crop Report

Peach harvest was in full swing in the Cross Timbers area with some reports of brown rot. Some disease problems in vegetables have been reported in North East Texas due to excessive moisture and humidity.

Livestock, Pasture and Range Report

Livestock were in good condition in the Northern High and Low Plains. Although, flies and mosquitoes were becoming a problem in North East Texas and the Cross Timbers area, livestock remained in overall good condition. Livestock body condition in the Edwards Plateau and Lower Texas was sufficient due to the abundance of grazing forage. Hay harvest was in full swing due to drier conditions in the Cross Timbers area. Baling and cutting of hay resumed as conditions allowed in the Blacklands. Excessive soil moisture prevented some hay baling in North East Texas and South Central Texas. Range and Pasture conditions were good in most areas of the state due to the recent rains. Statewide, range and pasture conditions were mostly good to excellent.

Crop Progress Table – July 15, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Silked (Tasseled)	75	87	83
	Dough	53	56	61
	Dent	43	50	50
	Mature	9	35	27
Cotton	Squaring	62	66	68
	Setting Bolls	18	22	25
	Bolls Opening	1	3	6
Peanuts	Pegging	29	58	61
Rice	Headed	68	83	69
Sorghum	Headed	87	70	57
	Coloring	71	54	46
	Mature	41	41	33
	Harvested	17	23	21
Soybeans	Blooming	78	--	--
	Setting Pods	17	--	--
Sunflowers	Planted	99	--	--
Winter Wheat	Harvested (Grain)	87	100	98
Oats	Harvested (Grain)	94	98	--

Crop Condition Table – July 15, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Corn	26	48	18	6	2	84	45
Cotton	13	36	33	13	5	70	45
Peanuts	3	65	31	1	0	81	72
Rice	2	28	62	8	0	64	65
Sorghum	21	59	18	2	0	88	44
Soybeans	31	51	16	1	1	90	41
Wheat	26	37	20	8	9	--	--
Oats	23	35	25	15	2	--	--
Range & Pasture	37	46	14	2	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 9 - 15) Accumulation	Month-to-date (July 1 - 15) Accumulation	Year-to-date (Jan 1 – Jul 15) Accumulation	1961-90 Annual Normal	Previous Three Months (April - June) Percent of Normal
High Plains	0.81	1.02	13.37	18.87	115
Low Rolling Plains	0.65	0.98	15.45	23.78	123
North Central Texas	0.67	2.04	27.92	34.00	149
East Texas	1.41	5.31	30.86	45.69	103
Trans-Pecos	0.72	0.84	7.79	12.96	156
Edwards Plateau	0.45	1.15	20.40	24.01	162
South Central Texas	0.56	5.03	24.61	34.48	91
Upper Coast	1.09	7.41	36.02	47.63	110
South Texas	0.16	3.89	19.93	23.49	140
Lower Valley	0.39	2.26	12.47	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

Top Soil Moisture by District – July 15, 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	2	0	0	0	0	0	0	17	4	0	0	0	0	0
Short	21	16	8	4	1	4	1	2	29	7	0	3	0	9	5
Adequate	69	68	74	81	55	35	36	58	54	72	73	43	40	84	95
Surplus	9	14	18	15	44	61	63	40	0	17	27	54	60	7	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

