



Texas Crop Weather

Cooperating with Texas Department of Agriculture

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For the week of: October 22 – 28, 2007

Agricultural Summary: Colder evening temperatures and drier weather were evident across the state as temperatures continued to decline. Winter wheat planting was slowing down as producers were waiting for rain. Cotton harvest continued throughout most of the state as fields continued to defoliate. Good yields were reported in Northern High Plains as corn harvest neared completion. Grain sorghum harvest continued in the Panhandle and South Central Texas. Peanut harvest continued in the High Plains as harvest neared completion in South Central Texas. Pecan harvest continued in the Cross Timbers, Blacklands, and South Central Texas. Soil moisture was short to adequate across the state. A few scattered showers were evident in the Eastern half of the state. North East Texas received the most rain with 0.10 to 0.50 inches of rainfall. South Central Texas received 0.01 to 0.10 inches of rainfall. South Texas received the least amount with 0.01 to 0.10 inches of rainfall. Livestock continued to be in good condition across most areas of the state as producers began supplementing their feed. Final hay harvests continued in North East Texas. Ranges and pastures were beginning to show some signs of stress due to lack of moisture and colder temperatures.

Field Crops Report

Small Grains: Winter wheat was in need of rain as planting continued in the Northern High Plains. Some winter wheat planted in the Northern Low Plains dried out or failed to emerge due to the lack of moisture. Planting of wheat in the Southern Low Plains has stopped due to lack of soil moisture. Wheat planting was slowing down in the Blacklands. Wheat condition was mostly fair to good statewide.

Cotton: Cotton harvest continued to progress in the High Plains with excellent yields reported. Harvest continued in the Low Plains. Producers were defoliating their cotton in Trans-Pecos. Harvest was underway in the Edwards Plateau. Harvest neared completion in South Texas, South Central Texas, and the Coastal Bend. Cotton condition was mostly fair to good statewide.

Corn: Good yields were reported in Northern High Plains as corn harvest neared completion. Statewide, corn condition was mostly fair to good.

Sorghum: Grain sorghum was doing well in the Northern High Plains with excellent dry land yields reported. Harvest was in full swing in the Southern High Plains. Good yields were reported in South Central Texas as grain harvest neared completion. Sorghum conditions were mostly fair to good statewide.

Peanuts: Peanut harvest neared completion in the Southern High Plains and the Northern Low Plains. Peanut harvest was in full swing in South Texas. Peanut conditions were mostly fair to good statewide.

Fruit, Vegetable and Specialty Crop Report

Pecan harvest was increasing in the Cross Timbers. Pecans were developing and looking good in the Blacklands as producers were continuing to harvest. Pecan harvest was going strong in South Central Texas.

Livestock, Pasture and Range Report

Livestock continued to be in good condition across most areas of the state with some producers starting to supplement their feed. Hay movement was obvious in the Southern Low Plains as producers were beginning to supplement livestock due to dry conditions and decreasing grazing quality. Final hay harvests continued in North East Texas. Ranges and pastures were beginning to show some signs of stress due to lack of moisture and colder temperatures. Range and Pasture conditions were fair to good statewide.

Crop Progress Table – October 28, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Harvested	97	98	96
Cotton	Bolls Opening	91	89	90
	Harvested	27	30	33
Peanuts	Harvested	49	48	40
Sorghum	Mature	100	87	88
	Harvested	93	75	72
Soybeans	Harvested	99	93	89
Sunflowers	Harvested	77	80	81
Winter Wheat	Planted	80	83	83
	Emerged	55	67	66
Oats	Planted	74	80	80
	Emerged	41	61	--

Crop Condition Table – October 28, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Cotton	21	36	31	9	3	77	76
Peanuts	17	59	24	0	0	86	--
Wheat	4	25	42	24	5	58	62
Oats	2	22	44	19	13	54	--
Range & Pasture	11	44	34	8	3	--	--

^{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.

Top Soil Moisture by District – October 28, 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	18	9	34	27	12	6	2	3	13	12	2	0	0	14	0
Short	44	43	51	47	37	25	23	25	43	46	39	35	26	50	10
Adequate	36	45	15	26	51	62	73	62	42	38	53	64	68	34	90
Surplus	2	3	0	0	0	7	2	10	2	4	6	1	6	2	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 ^{1/ 2/}

National Weather Service Climatic Divisions	Previous Week (Oct 22 – 28) Accumulation	Month-to-date (Oct 1 – 28) Accumulation	Year-to-date (Jan 1 – Oct 28) Accumulation	1961-90 Annual Normal	Previous Three Months (Jul – Sep) Percent of Normal
High Plains	0.00	0.33	17.95	18.87	71
Low Rolling Plains	0.00	0.26	22.95	23.78	104
North Central Texas	0.23	1.53	35.34	34.00	98
East Texas	0.47	2.30	39.63	45.69	123
Trans-Pecos	0.00	0.19	12.12	12.96	79
Edwards Plateau	0.08	0.64	29.40	24.01	127
South Central Texas	0.14	1.81	36.09	34.48	152
Upper Coast	0.24	2.40	53.30	47.63	155
South Texas	0.04	0.50	28.63	23.49	155
Lower Valley	0.12	1.51	22.98	25.34	118

^{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/ncfshare/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

