



Texas Crop Weather

Cooperating with Texas Department of Agriculture

Texas Field Office · Post Office Box 70 · Austin, Texas 78767
(512) 916-5581 · (800) 842-1331 FAX · www.nass.usda.gov

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For the week of: November 19 – 25, 2007

Agricultural Summary: Scattered showers and near freezing temperatures were prevalent across most of Texas. Cotton harvest was virtually completed in South Central Texas and the Blacklands as the Panhandle and Edwards Plateau continued to harvest. Corn harvest neared completion in the Northern High Plains. Grain sorghum harvest neared completion in South Central Texas. Pecan harvest continued in the Cross Timbers, Blacklands, and North East Texas. Colder temperatures provided better growing conditions for spinach, green beans, and cabbage in South Texas. Soil moisture was mostly short to adequate across the state. East Texas and the Upper Coast received the most rainfall with 1.5 to 3.0 inches of rainfall. The Blacklands, Cross Timbers, South Central Texas, and the Edwards Plateau received 1.0 to 2.0 inches of rainfall. The Panhandle, Trans-Pecos and South Texas received the least amount of rainfall with 0.01 to 0.25 inches. Supplemental feeding was ongoing across most areas of the state as pasture conditions continued to decline due to lack of rainfall.

Field Crops Report

Small Grains: Winter wheat continued to be in need of moisture in the Southern Plains and the Northern High Plains. Wheat fields were severely stressed in the Northern Low Plains due to lack of moisture. Winter wheat in the Cross Timbers was looking good but could use some rain. Most of the planted winter wheat in the Blacklands was in need of moisture. Winter wheat planting continued in South Central Texas. Wheat condition was mostly poor to fair statewide. Oats condition was mostly poor to fair statewide.

Cotton: Dry conditions allowed for cotton harvest to continue in the Panhandle and Trans-Pecos. Harvest was mostly complete in the Blacklands and South Texas. Cotton conditions were mostly good to excellent statewide.

Corn: Corn harvest neared completion in the Northern High Plains. Statewide, corn conditions were mostly fair to good.

Sorghum: High winds continued to delay sorghum harvest in the Northern High Plains. Grain sorghum harvest neared completion in South Central Texas. Sorghum conditions were mostly fair to good statewide.

Peanuts: Peanut harvest continued in South Texas. Peanut conditions were mostly fair to good statewide.

Fruit, Vegetable and Specialty Crop Report

Pecan harvest continued in the Cross Timbers and the Blacklands. Pecan harvest continued in North East Texas with good quality reported. Colder temperatures provided better growing conditions for spinach, green beans, and cabbage in South Texas. Citrus and Vegetable harvest continued in the Lower Valley.

Livestock, Pasture and Range Report

Supplemental feeding of livestock was in full swing across most of the state. Hay supplementation increased in the Northern Low Plains, North East Texas, and the Upper Coast. Pasture conditions continued to decline across most of the state due to lack of rainfall. Pastures were doing well in North East Texas and South Central Texas due to recent rainfall. Range and Pasture conditions were fair to good statewide.

Crop Progress Table – November 25, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Cotton	Bolls Opening	99	100	99
	Harvested	69	69	62
Peanuts	Harvested	98	97	88
Sorghum	Harvested	97	88	85
Sunflowers	Harvested	95	94	94
Winter Wheat	Planted	93	100	95
	Emerged	70	88	85
Oats	Planted	92	96	95
	Emerged	65	90	--
Pecans	Harvested	55	47	52

Crop Condition Table – November 25, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Cotton	25	45	23	5	2	83	51
Wheat	0	11	36	31	22	40	69
Oats	1	17	29	25	28	41	56
Range & Pasture	6	27	41	20	6	--	--

^{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 – November 25, 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	50	22	32	27	20	4	9	5	30	22	5	22	3	19	0
Short	41	57	43	49	41	42	52	19	34	42	44	78	13	66	80
Adequate	9	21	19	24	38	54	39	65	34	34	44	0	40	15	20
Surplus	0	0	6	0	1	0	0	11	2	2	7	0	44	0	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 (Nov 19 - 25) Accumulation	Month-to-date (Nov 1 - 25) Accumulation	Year-to-date (Jan 1 - Nov 25) Accumulation	1961-90 Annual Normal	Previous Three Months (Aug - Oct) Percent of Normal
High Plains	0.21	0.21	18.16	18.87	65
Low Rolling Plains	0.31	0.31	23.26	23.78	75
North Central Texas	1.14	1.39	36.73	34.00	63
East Texas	1.92	2.95	42.58	45.69	62
Trans-Pecos	0.49	0.49	12.61	12.96	51
Edwards Plateau	1.43	1.43	30.83	24.01	75
South Central Texas	0.94	1.93	38.10	34.48	69
Upper Coast	1.53	3.38	56.68	47.63	84
South Texas	0.26	0.35	28.98	23.49	59
Lower Valley	0.46	0.54	23.52	25.34	74

^{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

Cooperating Agencies:

- Texas Agricultural Extension Service
- Texas Department of Agriculture
- National Weather Service

