



Texas Crop Weather Report

In Cooperation with the Texas Department of Agriculture

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TX-CW0207

Texas Crop Weather

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For the week of January 1 - 7, 2007

Agricultural Summary: The Eastern section of the state received the majority of the rainfall once again with mostly 0.5 to 1.5 inches, as isolated showers brought as much as 2.0 inches to some sections. The Trans-Pecos received mostly a trace to 0.25 inches of rainfall, while a small section experienced 0.50 inches. South Texas and the Lower Valley received mostly 0.25 to 1.0 inches of rainfall. The Panhandle was mostly dry as a few areas only received traces of rainfall. Many producers continued land preparations for spring planting. Unfortunately, the Rio Vista area of the Blacklands experienced a devastating tornado that caused livestock and agricultural infrastructure damage.

Field Crops Report

Small Grains: Increased rainfall in the Northern High Plains over the holidays had a positive effect as sub-soil moisture was stored, which will be very beneficial for producers as they prepare for spring planting. Also, winter wheat progressed in the Southern High Plains due to these previous rains. In the Northern Low Plains, green bug pressure continued to be a problem in many fields. Wheat conditions improved in the Southern Low Plains. In the Blacklands, wheat still looked good despite also having green bug problems. Many producers in North East Texas resulted to having hay shipped in from outside sources as supplies were extremely short. Oat condition was mostly fair to poor statewide.

Cotton: Harvest was slowed in the Northern High Plains due to cold, wet weather. In the Southern High Plains and Northern Low Plains, producers with marginal acreage worked to complete all activities as harvest neared completion. In the Southern Low Plains, wet conditions halted cotton harvest.

Corn and Sorghum: Recent moisture improved conditions for spring planting as many producers have already begun to apply nitrogen fertilizers.

Fruit, Vegetable and Specialty Crop Report

Producers in North East Texas prepared fields for the planting of watermelons. Harvest of spinach and cabbage continued in the Edwards Plateau; however, rainfall slowed the harvest of these two crops in South Texas. Despite the rain, harvest continued for carrots, sugarcane, and citrus.

Pecans: Producers were concluding the cleanup of small orchards as pecan harvest neared completion.

Livestock, Pasture and Range Report

Supplemental feeding continued in the Northern Low Plains. Also, producers conducted tick control on cattle. Recent rainfall allowed for the progress of winter pastures in the Cross Timbers; however, more rain is still needed as stock tanks for livestock water remained low. Still, livestock continued to sell at good prices as most were in good body condition for mid-winter. In the Blacklands, livestock water supply continued to be a problem. Supplemental feeding also continued in the Edwards Plateau and South Texas. Tick numbers were high on livestock in the Edwards Plateau. Statewide, range and pasture condition was mostly fair to poor.

Crop Progress Table – January 7, 2007

Crop	Stage	2007	2006	Average 2002 - 2006
- Percent -				
Cotton	Harvested	98	99	90
Winter Wheat	Emerged	98	89	93
Oats	Emerged	98	86	85
Pecans	Harvested	86	83	82

Crop Condition Table – January 7, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Wheat	5	36	39	14	6	65	35
Oats	1	17	41	22	18	49	22
Range & Pasture	1	11	29	34	25	--	--

^{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 – January 7, 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	0	8	0	18	10	4	5	0	11	26	2	0	0	14	0
Short	16	42	26	41	42	18	19	5	64	40	29	5	0	29	40
Adequate	72	46	71	41	48	72	62	52	25	34	65	93	57	54	60
Surplus	12	4	3	0	0	6	14	43	0	0	4	2	43	3	0

* High Plains: 1-N, 1-S; Low Rolling Plains: 2-N, 2-S; North Central Plains: 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/}

National Weather Service Climatic Divisions	Previous Week (Jan 1 - 7) Accumulation	Month-to-date (Dec 1 - 31) Accumulation	Year-to-date (Jan 1 - Dec 31) Accumulation	1961-90 Annual Normal	Previous Three Months (Oct - Dec) Percent of Normal
High Plains	0.00	1.64	16.04	18.87	131
Low Rolling Plains	0.04	0.76	17.95	23.78	124
North Central Texas	0.73	2.42	25.60	34.00	94
East Texas	1.50	5.52	41.18	45.69	130
Trans Pecos	0.23	0.55	8.83	12.96	76
Edwards Plateau	0.90	0.83	15.27	24.01	57
South Central Texas	1.28	1.90	19.41	34.48	61
Upper Coast	1.51	3.78	52.28	47.63	140
South Texas	0.80	1.89	12.99	23.49	94
Lower Valley	0.53	2.62	18.96	25.34	109

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

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

