



# Texas Crop Weather Report

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In Cooperation with the Texas Department of Agriculture

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## TX-CW0407

### Texas Crop Weather

Released January 22, 2007

For the week of January 15 - 21, 2007

**Agricultural Summary:** East Texas received the majority of the rainfall with mostly 2.0 to 3.0 inches. The Blacklands received mostly 1.0 to 2.0 inches of rainfall. The Northern High Plains and the Trans-Pecos area both received mostly 0.25 to 5.0 inches of rainfall. Southern Texas received mostly a trace to 0.25 inches. The remaining areas of the state received mostly 0.5 to 1.5 inches of rainfall. Producers experienced the first severe winter storm of the year. Although range and pasture growth decreased in most areas of the state due to the effects of the storm, producers are hoping that this increase in moisture will continue into the summer along with high temperatures in order to revitalize forage conditions for livestock.

### Field Crops Report

**Small Grains:** Wheat fields in the Northern High Plains progressed due to recent moisture. In the Blacklands, the combination of rain and snow improved wheat and oat pastures. South Central Texas also benefited from this increase in moisture as wheat and oat growing conditions improved greatly. Wheat and oat condition was mostly fair to good statewide.

**Cotton:** Producers in the Northern and Southern Plains were less fortunate as moisture was detrimental to harvest. The quality of cotton was severely affected.

**Corn and Sorghum:** As soil moisture improved, producers in the Blacklands were more optimistic about planting corn and sorghum. Field preparations for spring planting continued around the state as weather conditions permitted.

### Fruit, Vegetable and Specialty Crop Report

In South East Texas, peach producers received a great number of chilling hours, which will be very beneficial to harvest. Harvest of spinach and cabbage was slowed in South Texas due to these cold, icy conditions; however, producers felt that there was no severe crop damage. In the Lower Valley, harvest of winter vegetables, citrus, and sugarcane continued.

## Livestock, Pasture and Range Report

Severe winter weather caused stress to livestock in most areas, and supplemental feeding increased due to the persistent decrease in forage. In the Cross Timbers, livestock sales continued to decline as many auctions were cancelled due to weather conditions. Statewide, range and pasture condition was mostly fair to poor.

**Crop Progress Table – January 21, 2007**

Crop	Stage	2007	2006	Average 2002 - 2006
- Percent -				
Cotton	Harvested	100	99	97
Winter Wheat	Emerged	99	94	97
Oats	Emerged	99	92	87
Pecans	Harvested	98	98	96

**Crop Condition Table – January 21, 2007**

Crop	Excellent	Good	Fair	Poor	Very Poor	Index <sup>1/</sup>	
	Percent					2007	2006
Wheat	10	25	40	18	7	62	35
Oats	6	22	41	18	13	56	22
Range & Pasture	2	14	31	32	21	--	--

<sup>1/</sup> 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 21, 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	4	5	1	1	0	15	15	1	3	0	9	10
Short	6	21	28	26	30	11	4	2	41	43	11	10	0	11	43
Adequate	76	50	63	70	65	53	60	35	38	41	77	77	15	78	47
Surplus	18	21	9	0	0	35	35	63	6	1	11	10	85	2	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 <sup>1/</sup>

National Weather Service Climatic Divisions	Previous Week (Jan 15 - 21) Accumulation	Month-to-date (Jan 1 - 21) Accumulation	Year-to-date (Jan 1 - Jan 21) Accumulation	1961-90 Annual Normal	Previous Three Months (Oct - Dec) Percent of Normal
High Plains	0.57	0.58	0.58	18.87	131
Low Rolling Plains	0.57	0.79	0.79	23.78	124
North Central Texas	0.81	2.72	2.72	34.00	94
East Texas	1.04	5.94	5.94	45.69	130
Trans Pecos	0.41	0.66	0.66	12.96	76
Edwards Plateau	0.50	1.67	1.67	24.01	57
South Central Texas	0.50	2.62	2.62	34.48	61
Upper Coast	0.71	2.70	2.70	47.63	140
South Texas	0.37	1.47	1.47	23.49	94
Lower Valley	0.25	0.78	0.78	25.34	109

<sup>1/</sup> 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](http://www.srh.noaa.gov/rfcshare/precip_analysis_new.php) and [www.drought.unl.edu/dm/monitor.html](http://www.drought.unl.edu/dm/monitor.html)

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**Cooperating Agencies:**

Texas Agricultural Extension Service

Texas Department of Agriculture

National Weather Service

