



Texas Crop Weather

Cooperating with Texas Department of Agriculture

Texas Field Office · Post Office Box 70, Austin, Texas 78767 · 800-842-1331 · www.nass.usda.gov/tx

Issue: TX-CW4910, December 6, 2010

For the week of November 29 – December 5, 2010

Agricultural Summary: The eastern part of the state received up to 1.5 inches of rainfall while the rest of the state observed little to no rainfall. A hard freeze took place across most areas of the state. Winter wheat emerged and cotton harvest progressed well in most areas of the High Plains; however, dry land winter wheat was in need of moisture. Dry conditions caused stress on wheat and oats in the Cross Timbers, the Backlands, and South Texas. Cotton harvest progressed well in the Southern Low Plains due to favorable weather conditions. Cotton harvest was nearly complete across the southern part of the state. Pecan harvest was in full-swing and fall planted onions emerged in the Trans-Pecos. Livestock supplemental feeding was active and mineral consumption increased across the state. Range and pastures moved into winter dormancy due to cooler temperatures across most of the state. Topsoil moisture was mostly short to adequate across the state.

Field Crops Report

Small Grains: Winter wheat emerged in the High Plains. Irrigated winter wheat progressed well in most areas of the High Plains; however, dry land winter wheat was in need of moisture. Dry conditions caused stress on wheat and oats in the Cross Timbers, the Blacklands, and South Texas. Wheat condition was mostly fair to good statewide.

Cotton: In areas of the High Plains, cotton harvest made good progress. Cotton harvest progressed well in the Southern Low Plains due to favorable weather conditions. Cotton harvest was nearly complete across the southern part of the state.

Fruit, Vegetable and Specialty Crop Report

Fall planted onions emerged in the Trans-Pecos. Spinach and cabbage harvest was active in South Texas. Sugarcane, citrus, and vegetable harvest continued while tomato field preparation took place in the Lower Valley.

Livestock, Range and Pasture Report

Generally, livestock were in mostly fair condition around the state. Livestock supplemental feeding was active and mineral consumption increased across the state due to freezing temperatures and declining forage. Pastures and hay meadows suffered due to feral hog activity in North East Texas. Range and pastures were in need of rainfall and moved into winter dormancy due to cooler temperatures across most of the state. Range and pasture condition was mostly poor to fair across the state.

Crop Progress Table – December 5, 2010 *

Crop	Stage	Percent		
		2010	2009	Average 2005 – 2009
Corn	Harvested	100	100	100
Cotton	Harvested	90	86	83
Peanuts	Harvested	99	100	99
Sorghum	Harvested	98	97	97
Sunflowers	Harvested	100	84	92
Winter Wheat	Planted	98	97	97
	Emerged	88	89	86
Oats	Planted	97	96	97
	Emerged	83	92	85

* Visit our web site to view the crop progress regional **maps**, available the following working day of this release at www.nass.usda.gov/Statistics_by_State/Texas/Publications/Crop_Progress_&_Condition/maps/.

Crop Condition Table – December 5, 2010

Crop	Percent					Index ^{1/}	
	Excellent	Good	Fair	Poor	Very Poor	2010	2009
Wheat	7	25	41	19	8	60	69
Range & Pasture	1	16	39	27	17	-	-

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 – December 5, 2010

Condition	Percent of Acreage, by District ^{1/}														
	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
Very Short	19	26	20	31	22	22	11	36	45	52	41	0	4	34	33
Short	50	37	42	53	68	42	47	41	43	39	49	90	46	55	33
Adequate	29	33	38	16	10	36	42	22	12	9	8	10	47	11	34
Surplus	2	4	0	0	0	0	0	1	0	0	2	0	3	0	0

1/ 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.

Precipitation Table – December 5, 2010 ^{1/}

National Weather Service Climatic Divisions ^{2/}	Inches of Accumulation				Percent
	Previous Week (Nov 29 – Dec 5)	Month-to-Date (Nov 1 - 30)	Year-to-Date (Jan 1 – Dec 5)	Annual Normal (1971 – 2000)	Previous Three Months of Normal (Aug - Oct)
High Plains	0.33	1.18	20.87	19.64	61
Low Rolling Plains	0.68	1.10	26.38	24.51	70
North Central Texas	0.61	1.42	29.81	35.23	89
East Texas	1.08	2.98	27.78	48.08	44
Trans-Pecos	0.58	0.57	12.55	13.19	51
Edwards Plateau	0.49	0.54	20.69	24.73	45
South Central Texas	0.72	1.35	31.39	36.21	85
Upper Coast	0.63	3.13	40.86	50.31	63
South Texas	1.20	1.80	27.55	24.08	85
Lower Valley	1.90	2.15	34.24	25.43	88

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/ffcshare/precip_analysis_new.php and www.drought.unl.edu/dm/monitor.html

Cooperating Agencies:

Texas AgriLife Extension Service
 Texas Department of Agriculture
 National Weather Service

Note:

The next issue of Crop Weather will be issued in January 2011.

