



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: January 11 – 17, 2010

Agricultural Summary: Precipitation varied across much of the State, ranging from 0.01 inches of rainfall in the central part of the State to 5.0 inches in the south eastern part of the State. Recent extremely cold temperatures have caused some leaf burn in the wheat crop with conditions declining in the Northern High Plains. Winter wheat in parts of the Blacklands suffered due to armyworms. Oats in the western part of the State suffered due to a hard freeze and most small grains have gone dormant. Cotton harvest was nearly complete across the State. A few fields are left and will continue to be harvested as weather permits. Some land preparation for corn planting took place across the State and was in need of drier conditions. In South Texas, tomatoes suffered due to a hard freeze. In the Trans-Pecos, pecan harvest was almost complete, however, harvest was slightly behind schedule and many producers were concerned with quality. Cattle producers were battling freezing conditions by providing extra energy supplements and additional hay. Range and Pasture were in need of rainfall for cool season grasses across most of the State. Top soil moisture was mostly adequate to surplus across the State.

Field Crops Report

Small Grains: Recent extremely cold temperatures have caused some leaf burn in the wheat crop with conditions declining in the Northern High Plains. Winter wheat in parts of the Blacklands suffered due to armyworms. Wheat condition was mostly fair to good statewide. Oats in the western part of the State suffered due to a hard freeze and most small grains have gone dormant. Oat condition was mostly fair to good statewide.

Cotton: Cotton harvest was nearly complete across the State. A few fields are left and will continue to be harvested as weather permits. Cotton field preparation took place in most parts of the State. Cotton condition was mostly fair to good statewide.

Corn: Some land preparation for corn planting took place across the State and was in need of drier conditions.

Fruit, Vegetable and Specialty Crop Report

In South Texas, tomatoes suffered due to a hard freeze. Timely rains provided much needed moisture, saving irrigation costs to cabbage, onion, spinach, and carrot producers.

Pecans: In the Trans-Pecos, pecan harvest was almost complete, however, harvest was slightly behind schedule and many producers were concerned with quality.

Livestock, Range and Pasture Report:

Cattle producers were battling freezing conditions by providing extra energy supplements and additional hay. Water supply problems have increased due to the freezing of ponds and water tanks. Cattle remain in fair to good condition. Range and Pasture were in need of rainfall for cool season grasses across most of the State. Range and Pasture condition was mostly poor to fair. Top soil moisture was mostly adequate to surplus across the State.

Crop Progress Table – January 17, 2010

Crop	Stage	Percent		
		2010	2009	Average 2005 – 2009
Cotton	Harvested	99	99	97
Winter Wheat	Emerged Headed *	95	95	94
Oats	Emerged	98	86	91
Pecans	Harvested	93	94	96

* Winter Wheat Headed revised out, as of February 2, 2010.

Crop Condition Table – January 17, 2010

Crop	Percent					Index ^{1/}	
	Excellent	Good	Fair	Poor	Very Poor	2010	2009
Cotton	1	24	46	19	10	56	-
Wheat	4	24	44	20	8	58	35
Oats	2	27	45	16	10	58	37
Range & Pasture	1	23	40	24	12	-	-

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 17, 2010

Condition	Percent of Acreage, by District *														
	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	24	11	5	4	1	0	1	1	43	16	0	0	0	2	0
Short	67	48	27	30	21	6	4	1	45	38	1	0	0	5	40
Adequate	9	38	68	65	73	64	87	63	11	41	60	65	44	70	60
Surplus	0	3	0	1	5	30	8	35	1	5	39	35	56	23	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 – January 17, 2010 ^{1/}

National Weather Service Climatic Divisions ^{2/}	Previous Week Accumulation (Jan 11 – 17)	Month-to-Date Accumulation (Jan 1 – 17)	Year-to-Date Accumulation (Jan 1 – 17)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (Oct – Dec)
High Plains	0.00	0.21	0.21	19.64	89
Low Rolling Plains	0.06	0.06	0.06	24.51	84
North Central Texas	0.43	0.47	0.47	35.23	109
East Texas	0.51	0.63	0.63	48.08	123
Trans-Pecos	0.09	0.13	0.13	13.19	63
Edwards Plateau	0.63	0.63	0.63	24.73	94
South Central Texas	2.40	2.48	2.48	36.21	130
Upper Coast	1.86	1.99	1.99	50.31	140
South Texas	1.84	1.84	1.84	24.08	111
Lower Valley	0.51	0.60	0.60	25.43	151

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:
water.weather.gov and www.drought.unl.edu/dm/monitor.html

Attention:

Texas crop progress thematic regional maps will be available the following working day of this release on our web site at www.nass.usda.gov/Statistics_by_State/Texas/Publications/Crop_Progress_&_Condition/index.asp.

Cooperating Agencies:

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

