



United States Department of Agriculture
National Agricultural Statistics Service



Texas Crop Weather

Cooperating with Texas Department of Agriculture
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For the week of: May 14 - 20, 2007

Agricultural Summary: Throughout the week, most areas of the state received moderate levels of rainfall. Periods of dry conditions allowed producers in some areas to continue with fieldwork and other activities. In some of the wettest areas of the Plains and Western Texas, saturated fields halted most activities. Many areas have a surplus of sub-soil moisture, as recent rains continued to increase levels. Most areas of the state received 0.01 to 0.25 inches of rainfall, as isolated showers brought as much as 0.50 to 2.0 inches to some sections. Haying and baling continued in some areas where conditions allowed. Livestock were in good to excellent condition in most areas of the state, as supplemental feeding continued to decrease.

Field Crops Report

Small Grains: Wheat conditions remained good in the Northern High Plains, but spraying was ongoing as signs of rust became more apparent. In the Southern High Plains, wheat continued to mature rapidly. Harvest of small grains for hay continued in the Cross Timbers despite the recent rainfall. Some producers in the Blacklands began harvesting early maturing varieties, as most other producers anticipate harvest to begin soon. Statewide, wheat condition was mostly good to excellent while oat condition remained mostly fair to good.

Cotton: Cool, wet conditions delayed planting for most producers in the Southern High Plains and contributed to an increase of seedling disease. As soil moisture remained good, some producers in the Northern Low Plains began planting. Recent rainfall aided emergence and growth along the Coastal Bend, but additional moisture is still needed.

Corn: Planting continued in some areas of the Northern High Plains, as early planted corn emerged to good stand. Tasseling increased in the Blacklands. Statewide, corn condition was mostly good to excellent.

Fruit, Vegetable and Specialty Crop Report

Vegetables and fruit crops continued to progress in North East Texas due to warm weather and recent rainfall. Harvest of spring onions, citrus, and various other vegetables began to wind down in the Lower Valley.

Pecans: Some trees in the Trans-Pecos and Edwards Plateau were being sprayed for pecan nut case bearer infestation.

Livestock, Pasture and Range Report

Some producers in the Cross Timbers continued to cut and bale hay. Many producers in North East Texas were cutting ryegrass and clover fields for hay, as harvest continued to increase. Favorable weather conditions contributed to good growth of pastures and hay fields in South East Texas. Livestock body conditions improved as the availability of high quality forage continued to increase in South Texas. Statewide, range and pasture condition was mostly fair to good.

Crop Progress Table – May 20, 2007

Crop	Stage	2007	2006	Average 2002 – 2006
- Percent -				
Corn	Planted	97	98	97
	Emerged	79	86	85
	Silked (Tasseled)	12	18	13
Cotton	Planted	36	56	50
	Squaring	9	7	8
Peanuts	Planted	61	69	61
Rice	Planted	95	99	99
	Emerged	88	97	97
Sorghum	Planted	69	73	60
	Headed	29	18	17
Soybeans	Planted	85	92	79
	Emerged	71	86	17
Sunflowers	Planted	42	46	44
Winter Wheat	Headed	96	94	93
	Harvested	1	5	6
Oats	Headed	99	97	--
	Harvested	14	14	--

Crop Condition Table – May 20, 2007

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2007	2006
Corn	22	47	18	9	4	80	68
Rice	4	36	49	11	0	69	75
Sorghum	19	59	20	2	0	87	52
Soybeans	16	53	25	6	0	82	71
Wheat	26	45	21	6	2	83	24
Oats	17	37	27	9	10	71	34
Range & Pasture	17	46	27	8	2	--	--

^{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 – May 20, 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	1	0	0	1	0	0	0	1	7	1	0	0	1	1	15
Short	11	1	2	2	3	11	9	9	22	13	7	47	21	14	45
Adequate	71	52	67	59	66	84	73	71	71	68	82	42	69	82	40
Surplus	17	47	31	38	31	5	18	19	0	18	11	11	9	3	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 (May 14 - 20) Accumulation	Month-to-date (May 1 - 20) Accumulation	Year-to-date (Jan 1 - May 20) Accumulation	1961-90 Annual Normal	Previous Three Months (Feb - Apr) Percent of Normal
High Plains	0.65	2.62	8.52	18.87	194
Low Rolling Plains	0.00	2.39	8.62	23.78	125
North Central Texas	0.08	2.83	14.08	34.00	104
East Texas	0.10	3.13	17.37	45.69	70
Trans Pecos	0.77	1.82	5.00	12.96	181
Edwards Plateau	0.24	3.70	12.19	24.01	144
South Central Texas	0.05	0.88	13.49	34.48	124
Upper Coast	0.12	1.82	19.90	47.63	145
South Texas	0.64	2.20	8.38	23.49	78
Lower Valley	0.18	0.79	5.54	25.34	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/ftcshare/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

