



Texas Crop Weather

Cooperating with Texas Department of Agriculture

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For the week of: July 06 – July 12, 2009

Agricultural Summary: South East Texas and the Upper Coast received up to 5 inches of moisture while the Plains and the Trans-Pecos received up to 1.5 inches of rainfall. The central and southern part of the state observed scattered showers while the rest of the state observed trace amounts of moisture. Producers prepared wheat fields for fall planting in the Cross Timbers. In the Northern High Plains, cotton blooming suffered due to the heat and dry winds while irrigated corn and sorghum progressed well. In the Trans-Pecos, pecans were in the nut growth stage and chilies bloomed. Cotton bolls opened in the Coastal Bend. In South Texas, watermelon harvest was completed and peanut pegging was active. Supplemental feeding of livestock continued in localized parts of the state. Pastures and hay meadows suffered due to hot, dry conditions across the state. Top soil moisture was mostly very short to short across the state.

Small Grains: Wheat harvest neared completion in the Plains as good progress was made. Producers prepared wheat fields for fall planting in the Cross Timbers. Statewide, wheat condition was mostly very poor to fair and oat condition was mostly very poor to fair.

Cotton: In the Northern High Plains, cotton blooming suffered due to the heat and dry winds. Cotton progressed well in the Northern Low Plains while insect and weed spraying was active. In the Blacklands and Trans-Pecos, cotton progressed well, however, the crop was in need of moisture. Cotton bolls opened in the Coastal Bend. In South Texas, cotton boll setting continued. Cotton condition was mostly fair to good statewide.

Corn: Corn in the Northern High Plains and South Texas progressed well due to increased irrigation. Corn harvest began in the Blacklands. In the Upper Coast, corn harvest was active and yields varied. Corn condition was mostly fair to good statewide.

Sorghum: In the Northern High Plains, sorghum progressed well, however the crop was in need of moisture due to dry, hot conditions. Grain sorghum headed out in the Northern Low Plains. Grain sorghum harvest continues to be active in the southern part of the state with varied yields. Sorghum condition was mostly fair to good.

Peanuts: Peanut pegging was active in South Texas. Peanut condition was mostly fair to good statewide.

Rice: Rice condition was mostly fair to good statewide.

Soybeans: Soybean condition was mostly fair to good statewide.

Fruit, Vegetable and Specialty Crop Report:

Sunflowers are in bloom in the Southern High Plains. Heat caused stress on tomato and watermelon vines in North East Texas. Chilies bloomed in the Trans-Pecos and flower drops was active due to the heat. Watermelon harvest was completed in South Texas.

Pecan: In the Trans-Pecos, pecans were in the nut growth stage. Pecan irrigation was in full swing in the Edwards Plateau.

Livestock, Range and Pasture Report:

Supplemental feeding of livestock continued in localized parts of the state. Pastures and hay meadows suffered due to hot, dry conditions across the state. Producers continued to cut hay across the state. Hot, dry conditions in the Edwards Plateau caused stress on livestock, forage, and wildlife. Low stock tank levels, heat, and declining forage supply caused stress on cattle in South Texas. Range and pasture condition was mostly very poor to fair statewide.

Crop Progress Table – July 12, 2009

Crop	Stage	Percent		
		2009	2008	Average 2004 – 2008
Corn	Silked	79	69	75
	Dough	63	56	57
	Dent	55	47	45
	Mature	36	30	20
Cotton	Squaring	75	51	59
	Setting Bolls	61	18	20
Peanuts	Pegging	50	53	47
Rice	Headed	71	56	61
Sorghum	Planted	99	100	98
	Headed	60	56	62
	Coloring	54	49	51
	Mature	29	38	34
	Harvested	12	22	19
Soybeans	Planted	100	100	100
	Emerged	99	100	60
	Blooming	82	69	40
Sunflowers	Planted	80	68	91
Winter Wheat	Harvested	95	98	95
Oats	Harvested	99	100	97

Crop Condition Table – July 12, 2009

Crop	Percent					Index ^{1/}	
	Excellent	Good	Fair	Poor	Very Poor	2009	2008
Corn	4	27	27	18	24	51	61
Cotton	7	23	36	22	12	56	57
Peanuts	19	46	34	1	0	83	74
Rice	21	50	27	2	0	85	79
Sorghum	2	25	31	17	25	49	62
Soybeans	1	30	44	18	7	59	68
Wheat	1	10	34	21	44	32	53
Oats	0	12	19	18	51	29	57
Range & Pasture	1	14	28	27	30		

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.

Weather Information Table ^{1/}

National Weather Service Climatic Divisions ^{2/}	Previous Week Accumulation (July 06 – July 12)	Month-to-Date Accumulation (July 1 – 12)	Year-to-Date Accumulation (Jan 1 – Jul 12)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (Mar – May)
High Plains	0.11	0.58	7.08	19.64	81
Low Rolling Plains	0.05	0.88	9.58	24.51	83
North Central Texas	0.14	0.77	13.89	35.23	76
East Texas	0.36	0.71	17.88	48.08	72
Trans-Pecos	0.05	0.49	4.50	13.19	102
Edwards Plateau	0.12	0.53	8.59	24.73	69
South Central Texas	0.24	0.24	6.42	36.21	36
Upper Coast	0.53	0.57	12.26	50.31	58
South Texas	0.09	0.14	3.62	24.08	36
Lower Valley	0.07	0.22	3.78	25.43	39

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

Top Soil Moisture by District – July 12, 2009

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	16	8	15	34	43	31	22	92	37	47	79	93	66	75	30
Short	46	37	44	22	29	54	51	8	29	34	19	7	24	22	57
Adequate	33	52	39	43	28	15	27	0	34	18	2	0	7	3	13
Surplus	5	3	2	1	0	0	0	0	0	1	0	0	3	0	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.

Cooperating Agencies:

Texas AgriLife Extension Service
 Texas Department of Agriculture
 National Weather Service

