



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: July 13 – July 19, 2009

Agricultural Summary: The Plains, East Texas, and the Upper Coast received up to 3 inches of rainfall while the rest of the state observed trace amounts of moisture. Sorghum suffered from insects and lack of moisture, chilies were in full bloom, and heat caused stress on fall wheat preparation in the Cross Timbers. In the High Plains, cotton heat units progressed well and recent moisture improved sorghum conditions. Grain sorghum continued to head out and cotton progressed well in the Northern Low Plains. In South Texas, cotton boll setting continued and peanut pegging was active. Supplemental feeding of livestock continued in localized parts of the state. Range and pasture conditions continued to suffer across the state and were in need of moisture. Top soil moisture was mostly very short to short across the state.

Small Grains: Heat caused stress on fall wheat preparation 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, heat units progressed well. Cotton began to bloom in the Southern Low Plains and responded well to the recent rain. Cotton progressed well in the Northern Low Plains and insect and weed spraying was active. Dryland cotton producers were in need of rain in the Southern Low Plains. In South Texas, cotton boll setting continued and progressed well under heavy irrigation. Cotton condition was mostly fair to good statewide.

Corn: Tasseling progressed well in the High Plains due to cooler temperatures. Heat caused stress on the crop in the Edwards Plateau. Corn condition was mostly fair to good statewide.

Sorghum: In the High Plains, recent moisture improved crop conditions. Grain sorghum continued to head out in the Northern Low Plains and the Blacklands. Sorghum in the Cross Timbers suffered from insects and lack of moisture. Hot, dry conditions accelerated the drying process in the southern part of the state. Sorghum condition was mostly fair to good.

Peanuts: The crop progressed well in the Southern Low Plains. 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 were in full bloom in the Southern High Plains. Peach harvest neared completion in the Cross Timbers. Chilies were in full bloom in the Trans-Pecos, however, heat caused stress on the crop.

Pecan: Pecans progressed well in the Northern Low Plains and the Blacklands. Pecan nut development continued in the Trans-Pecos.

Livestock, Range and Pasture Report:

Supplemental feeding of livestock continued in localized parts of the state. Hay baling continued, however, the crop suffered due to hot, dry conditions across the state. Stock tank levels were low in the central and southern part of the state while cattle culling continued. Range and pasture conditions continued to suffer across the state and were in need of moisture. Range and pasture condition was mostly very poor to fair statewide.

Crop Progress Table – July 19, 2009

Crop	Stage	Percent		
		2009	2008	Average 2004 – 2008
Corn	Silked	85	77	84
	Dough	64	60	61
	Dent	56	56	54
	Mature	37	42	33
Cotton	Squaring	80	63	72
	Setting Bolls	22	25	26
	Bolls Opening	3	11	7
Peanuts	Pegging	65	74	67
Rice	Headed	79	66	71
Sorghum	Planted	100	100	100
	Headed	61	61	66
	Coloring	55	55	55
	Mature	32	46	41
	Harvested	23	32	27
Soybeans	Planted	100	100	100
	Emerged	83	84	
	Blooming	35	59	
Sunflowers	Planted	82	72	94
Winter Wheat	Harvested	97	100	98
Oats	Harvested	100	100	98

Crop Condition Table – July 19, 2009

Crop	Percent					Index ^{1/}	
	Excellent	Good	Fair	Poor	Very Poor	2009	2008
Corn	4	33	28	16	19	56	55
Cotton	8	26	37	18	11	59	58
Peanuts	20	47	32	1	0	84	74
Rice	15	41	26	12	6	72	79
Sorghum	3	29	38	15	15	57	62
Soybeans	0	26	45	21	8	56	63
Wheat	1	10	24	21	44	32	56
Oats	0	12	19	18	51	29	54
Range & Pasture	1	13	28	24	34		

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 13 – July 19)	Month-to-Date Accumulation (July 1 – 19)	Year-to-Date Accumulation (Jan 1 – Jul 19)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (Apr – Jun)
High Plains	0.67	1.25	7.75	19.64	81
Low Rolling Plains	0.46	1.34	10.04	24.51	83
North Central Texas	0.35	1.12	14.24	35.23	76
East Texas	0.85	1.56	18.73	48.08	72
Trans-Pecos	0.09	0.58	4.59	13.19	102
Edwards Plateau	0.15	0.68	8.74	24.73	69
South Central Texas	0.10	0.34	6.52	36.21	36
Upper Coast	1.03	1.60	13.29	50.31	58
South Texas	0.04	0.18	3.66	24.08	36
Lower Valley	0.00	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/rfcshare/precip_analysis_new.php and www.drought.unl.edu/dm/monitor.html

Top Soil Moisture by District – July 19, 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	21	14	20	24	53	29	17	92	37	48	82	97	69	82	0
Short	49	52	49	19	34	53	53	8	36	40	17	3	19	17	80
Adequate	27	31	30	53	13	18	30	0	27	11	1	0	9	1	20
Surplus	3	3	1	4	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

