



Texas Crop Weather

Cooperating with Texas Department of Agriculture

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For the week of: July 20 – July 26, 2009

Agricultural Summary: The southern part of the state received little to no rainfall while scattered showers brought up to 3 inches of rainfall across the rest of the state. In the Northern High Plains, wheat field preparation took place, grain sorghum headed out, and sunflowers were in full bloom. Irrigated cotton was blooming and corn matured in the Southern High Plains. Grain sorghum heads were turning color in the Blacklands. In the Trans-Pecos, cotton squaring continued, chilies were in full bloom, and pecan nut development continued. Drought conditions in South East Texas and the Upper Coast has caused the corn crop to suffer. Peanut pegging was active in the Northern Low Plains and South Texas. Supplemental feeding of livestock continued in localized parts of the state. Recent rainfall improved range and pasture conditions in the northern part of the state while conditions continued to decline in the southern part of the state and were in need of moisture. Top soil moisture was mostly very short to short across the state.

Field Crops Report

Small Grains: Wheat field preparation took place in the Northern Plains. Oat condition was mostly very poor to fair statewide.

Cotton: In the Northern High Plains, cotton progressed well due to the recent rainfall and warm temperatures. Irrigated cotton was blooming in the Southern High Plains. Cotton progressed well in the Northern Low Plains while insect and weed spraying continued. Cotton was in need of moisture to supplement fertilizer applications in the Southern Low Plains. In the Trans-Pecos, cotton squaring continued and Southwestern Cotton Rust was treated. In the Edwards Plateau and South Texas, cotton progressed well under heavy irrigation. Cotton condition was mostly fair to good statewide.

Corn: Corn progressed well in the High Plains due to cooler temperatures. Corn is in the dough stage in the Southern High Plains. Drought conditions in South East Texas and the Upper Coast has caused the corn crop to suffer. Corn condition was mostly fair to good statewide.

Sorghum: In the Northern High Plains, grain sorghum headed out and irrigation was active. Head worms caused stress on sorghum in the Southern High Plains. Grain sorghum heads were turning in the Blacklands. In parts of South Central Texas, recent rainfall improved harvest conditions. Sorghum condition was mostly fair to good.

Peanuts: The crop progressed well in the Southern Low Plains. Pegging was active in the Northern Low Plains and 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 Northern High Plains. Chilies were in full bloom in the Trans-Pecos.

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. Stock tank levels were very low in the southern part of the state and in need of rain. Livestock herd liquidation continued across the state. Recent rainfall improved range and pasture conditions in the northern part of the state while conditions continued to decline in the southern part of the state and were in need of moisture. Range and pasture condition was mostly very poor to fair statewide

Crop Progress Table – July 26, 2009

Crop	Stage	Percent		
		2009	2008	Average 2004 – 2008
Corn	Silked	92	89	92
	Dough	65	64	68
	Dent	58	60	60
	Mature	51	50	45
Cotton	Squaring	84	79	82
	Setting Bolls	36	39	40
	Bolls Opening	10	15	10
Peanuts	Pegging	85	80	78
Rice	Headed	89	67	78
Sorghum	Headed	68	66	70
	Coloring	62	59	58
	Mature	54	50	47
	Harvested	34	39	33
Soybeans	Blooming	88	91	51
	Setting Pods	72	77	26
Sunflowers	Planted	83	72	94
Winter Wheat	Harvested	98	100	99

Crop Condition Table – July 26, 2009

Crop	Percent					Index ^{1/}	
	Excellent	Good	Fair	Poor	Very Poor	2009	2008
Corn	5	27	28	15	25	52	59
Cotton	8	25	34	17	16	57	57
Peanuts	16	59	24	1	0	85	74
Rice	19	41	30	7	3	78	80
Sorghum	2	24	32	16	26	48	64
Soybeans	0	23	43	21	13	52	52
Oats	0	12	19	18	51	29	--
Range & Pasture	1	14	27	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 20 – July 26)	Month-to-Date Accumulation (July 1 – 26)	Year-to-Date Accumulation (Jan 1 – Jul 26)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (Apr – Jun)
High Plains	1.09	2.34	8.84	19.64	81
Low Rolling Plains	0.36	1.70	10.40	24.51	83
North Central Texas	0.40	1.52	14.64	35.23	76
East Texas	0.71	2.27	19.44	48.08	72
Trans-Pecos	0.47	1.05	5.06	13.19	102
Edwards Plateau	0.45	1.13	9.19	24.73	69
South Central Texas	0.01	0.35	6.53	36.21	36
Upper Coast	0.40	2.00	13.69	50.31	58
South Texas	0.00	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/ffcshare/precip_analysis_new.php and www.drought.unl.edu/dm/monitor.html

Top Soil Moisture by District – July 26, 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	4	20	13	51	37	6	55	23	46	84	97	67	87	63
Short	40	22	40	33	28	50	32	28	39	39	15	3	20	13	23
Adequate	37	65	36	50	21	13	62	15	38	14	1	0	9	0	14
Surplus	2	9	4	4	0	0	0	2	0	1	0	0	4	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

