



Texas Crop Weather

Cooperating with Texas Department of Agriculture

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Issue: TX-CW2609

Released: June 29, 2009

For the week of: June 22 – 28, 2009

Agricultural Summary: The northern part of the state received up to 2 inches of rainfall while the rest of the state observed scattered showers. Wheat harvest was in full-swing and cotton, grain sorghum, and irrigated corn progressed well in the Northern High Plains. In the Northern Low Plains, wheat harvest neared completion and dry-land cotton was in need in rain. In South Texas, cotton set bolls, peanut plants emerged, and watermelon harvest 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.

Field Crops Reports;

Small Grains: Wheat harvest was in full-swing in the Northern High Plains as hot weather dried out the crop. In the Northern Low Plains, wheat harvest neared completion and yields varied depending on freeze damage and rainfall. Wheat and oat harvest in the Blacklands was completed and yields were low due to the freeze in early April. 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 progressed well due to the warm weather providing heat units. Dry-land cotton was in need of moisture in the Northern Low Plains. Dryland cotton planting continued in the Edwards Plateau. In South Texas, cotton boll setting continued. Cotton condition was mostly poor to fair statewide.

Corn: Irrigated corn in the Northern High Plains progressed well due to favorable weather conditions. Hot temperatures caused corn to suffer in the Blacklands during its most critical time. Irrigated corn progressed well in South Central Texas. In South Texas, corn in the mature stage progressed well under heavy irrigation. Corn condition was mostly fair to good statewide.

Sorghum: In the Northern High Plains, grain sorghum progressed well as producers planted sorghum behind wheat. Very hot, dry conditions caused sorghum to suffer in the Southern Low Plains. Sorghum suffered in the Blacklands due to lack of moisture. Sorghum matured rapidly in the Coastal Bend. Baling of zeroed-out sorghum in the Upper Coast was active. Sorghum condition was mostly fair to good statewide.

Peanuts: Peanut crop progressed well in the Southern Low Plains. Peanut plants emerged 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:

Green bean planting and pumpkin irrigation was active in the Northern High Plains. Watermelon harvest was active in South Texas.

Pecan: Irrigated pecan bottoms progressed well in South Central Texas while insect and disease had minimal effects on the crop. Pecan crop suffered due to low moisture in South Texas.

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 sell cattle due to low stock tank levels in the southern part of the state. Heat and lack of moisture in South Texas caused range and pasture conditions to suffer. Range and pasture condition was mostly very poor to fair statewide.

Crop Progress Table – June 28, 2009

Crop	Stage	Percent		
		2009	2008	Average 2004 – 2008
Corn	Emerged	100	100	100
	Silked	62	59	62
	Dough	47	43	44
	Dent	28	25	23
	Mature	3	8	4
Cotton	Planted	100	96	98
	Squaring	22	33	32
	Setting Bolls	12	15	14
Peanuts	Planted	100	100	100
	Pegging	3	6	12
Rice	Headed	37	16	25
Sorghum	Planted	95	95	94
	Headed	50	50	51
	Coloring	29	39	37
	Mature	16	14	20
Soybeans	Planted	98	100	100
	Emerged	97	99	60
	Blooming	53	46	32
Sunflowers	Planted	61	38	80
Winter Wheat	Harvested	70	79	79
Oats	Harvested	98	98	91

Crop Condition Table – June 28, 2009

Crop	Percent					Index ^{1/}	
	Excellent	Good	Fair	Poor	Very Poor	2009	2008
Corn	5	30	31	15	19	56	64
Cotton	5	23	32	24	16	52	53
Peanuts	19	42	38	1	0	82	70
Rice	10	46	38	4	2	76	82
Sorghum	2	25	32	16	25	49	60
Soybeans	0	31	50	15	4	62	74
Wheat	1	10	24	21	44	32	46
Oats	0	12	19	18	51	29	63
Range & Pasture	1	18	30	25	26		

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 (June 22 – 28)	Month-to-Date Accumulation (June 1 – 28)	Year-to-Date Accumulation (Jan 1 – Jun 28)	Annual Normal (1971 – 2000)	Previous Three Months Percent of Normal (Mar – May)
High Plains	0.57	2.68	6.27	19.64	61
Low Rolling Plains	0.09	2.48	8.15	24.51	75
North Central Texas	0.04	1.63	12.86	35.23	94
East Texas	0.02	0.94	17.06	48.08	106
Trans-Pecos	0.31	1.95	3.86	13.19	91
Edwards Plateau	0.01	1.17	7.74	24.73	94
South Central Texas	0.00	0.36	6.17	36.21	56
Upper Coast	0.05	0.37	11.38	50.31	86
South Texas	0.00	0.20	3.48	24.08	51
Lower Valley	0.76	1.03	3.56	25.43	37

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 – June 28, 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	10	17	19	29	19	30	10	67	48	39	64	86	63	65	0
Short	46	41	49	40	61	44	60	22	32	40	33	14	27	26	50
Adequate	40	40	32	26	20	26	30	10	20	21	3	0	6	9	50
Surplus	4	2	0	5	0	0	0	1	0	0	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

