



Texas Crop Weather

Cooperating with Texas Department of Agriculture
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For the week of: July 14 – 20, 2008

Agricultural Summary: A few scattered showers were observed across some areas of the state. Parts of the Panhandle, South East Texas, and the Trans-Pecos received up to an inch or 2 in some areas; however, several counties were under burn bans due to the lack of rainfall. Temperatures reached the 100s across much of the state. Cotton began to improve slightly in areas that received moisture; however, cotton is still behind in growth stages in parts of the Panhandle. Irrigation occurred in South Texas due to the hot dry weather. Corn harvest continued in the Blacklands due to the early maturing crops, while harvest preparation continued in South Texas. Sorghum harvest resumed as the fields began to dry out in the Lower Valley. Peanuts continued to mature in the Southern High Plains and were pegging in South Texas. Fruit and vegetable harvest continued in the Cross Timbers and North East Texas. Grazing conditions declined across areas of the state that have not benefited from the recent rains. Top soil moisture was mostly short to adequate statewide.

Field Crops Report

Cotton: Cotton began to improve slightly in areas that received some moisture; however, cotton is still behind in growth stages in parts of the Panhandle. Irrigation occurred in South Texas due to the hot dry weather. Cotton condition was mostly fair to good statewide.

Corn: Corn harvest continued in the Blacklands due to the early maturing crops, while harvest preparation continued in South Texas. Corn condition was mostly fair to good statewide.

Sorghum: Harvest resumed as the fields began to dry out in the Lower Valley. Sorghum condition was mostly fair to good statewide.

Peanuts: Peanuts continued to mature in the Southern High Plains, and were pegging in South Texas.

Fruit, Vegetable and Specialty Crop Report

Fruit and vegetable harvest continued in the Cross Timbers and North East Texas.

Livestock, Pasture and Range Report

Grazing conditions declined across the areas of the state that have not benefitted from the recent rains. Some ranchers were considering culling herds soon in North East Texas and the Trans-Pecos. Range and pasture condition was mostly poor to fair statewide.

Crop Progress Table – July 20, 2008

Crop	Stage	2008	2007	Average 2003 – 2007
– Percent –				
Corn	Silked (Tasseled)	78	86	87
	Dough	61	58	63
	Dent	57	51	55
	Mature	44	19	33
Cotton	Squaring	65	70	75
	Setting Bolls	26	21	28
	Bolls Opening	12	3	6
Peanuts	Pegging	77	43	69
Rice	Headed	67	78	74
Sorghum	Headed	62	88	64
	Coloring	56	74	53
	Mature	47	45	40
	Harvested	34	21	26
Soybeans	Blooming	86	86	31
	Setting Pods	65	26	5
Sunflowers	Planted	72	100	99
Winter Wheat	Harvested	100	91	98

Crop Condition Table – July 20, 2008

Crop	Excellent	Good	Fair	Poor	Very Poor	Index ^{1/}	
	Percent					2008	2007
Corn	6	29	28	20	17	55	87
Cotton	8	25	35	22	10	58	71
Peanuts	2	48	46	3	1	74	82
Rice	13	46	38	2	1	79	69
Sorghum	5	29	44	16	6	62	82
Soybeans	9	30	37	15	9	63	88
Wheat	6	16	50	18	10	56	76
Oats	3	40	15	20	22	54	76
Range & Pasture	1	15	36	31	17	--	--

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 – July 20, 2008 *

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	8	24	31	19	42	38	6	32	48	40	42	29	30	13	37
Short	35	36	41	47	49	44	51	46	38	47	42	45	43	42	10
Adequate	54	38	28	34	9	18	42	17	14	13	16	26	27	44	53
Surplus	3	2	0	0	0	0	1	5	0	0	0	0	0	1	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 (July 14 – 20) Accumulation	Month-to-date (July 1 – 20) Accumulation	Year-to-date (Jan 1 – Jul 20) Accumulation	1961 – 1990 Annual Normal	Previous Three Months (April – June) Percent of Normal
High Plains	0.32	1.79	7.43	18.87	80
Low Rolling Plains	0.14	1.12	9.21	23.78	81
North Central Texas	0.33	0.51	14.13	34.00	66
East Texas	0.24	0.47	19.60	45.69	69
Trans-Pecos	0.34	0.99	3.31	12.96	64
Edwards Plateau	0.00	0.52	8.41	24.01	71
South Central Texas	0.08	1.57	8.43	34.48	28
Upper Coast	0.24	1.85	16.92	47.63	47
South Texas	0.00	2.00	5.82	23.49	35
Lower Valley	0.00	5.81	9.99	25.34	32

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

Cooperating Agencies:
 Texas AgriLife Extension Service
 Texas Department of Agriculture
 National Weather Service

