



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

P.O. Box 528804 · Oklahoma City, OK 73152-8804

(405) 522-6190 · FAX (405) 528-2296 · www.nass.usda.gov/ok

A combined contribution with Cooperative Extension Service, USDA Farm Service Agency and Oklahoma Mesonet

Volume 33, Number 36

Issued October 18, 2010

Seedbeds and Pasture in Need of Rain

The need for rainfall increased after another dry week with warm temperatures. The average rainfall for the state was a meager 0.14 of an inch, with two districts receiving no rainfall at all. All but one district are below normal precipitation for the period starting September 1st. The lack of moisture is resulting in dry sowing of wheat and slowing the progress of the wheat already planted. However, the cotton harvest is benefitting from the warm dry weather. Problems with army worms and grasshoppers have been reported. Temperatures averaged in the low sixties with a high of 89 degrees recorded in multiple locations. Subsoil and topsoil moisture conditions worsened with 70 percent of subsoil and 73 percent of topsoil rated poor to very poor. Due to the sparse rainfall, there were 6.4 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, October 17, 2010

| Moisture Rating | Topsoil | | | Subsoil | | |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | This Week | Last Week | Last Year | This Week | Last Week | Last Year |
| Very Short | 25 | 18 | 3 | 25 | 24 | 5 |
| Short | 48 | 44 | 6 | 45 | 36 | 9 |
| Adequate | 27 | 38 | 69 | 30 | 40 | 74 |
| Surplus | 0 | 0 | 22 | 0 | 0 | 12 |

Small Grains: Dry planting of small grains continued due to the lack of moisture while the emergence of small grains is behind normal. **Wheat** planted reached 78 percent complete by Sunday, one point ahead of normal, while 51 percent of wheat had emerged, four points behind normal. **Rye** planted reached 94 percent complete by the end of the week and 70 percent of rye had emerged, 10 points behind the five-year average. Seventy-nine percent of **oat** seedbeds were prepared by Sunday while 32 percent of oats were planted and 15 percent had emerged, both 10 points behind normal. **Canola** planting was 85 percent complete by Sunday, an increase of nine points, and 55 percent of the canola plants had emerged, a 19 point increase from the previous week.

Row Crops: The warm dry weather allowed harvest to continue across the state. The **corn** harvest was virtually complete by week's end, 10 points ahead of the five-year average. Ninety-one percent of **sorghum** had matured by Sunday, 30 points ahead of normal, and 49 percent of sorghum was harvested by week's end, 16 points ahead of normal. **Soybeans** at maturity reached 68 percent complete by week's end and 36 percent of the crop had been harvested. Ninety-three percent of **peanut** plants had matured by week's end, five points ahead of normal. Sixty-five percent of the peanut crop had been dug by Sunday, 21 points ahead of normal, and 40 percent were combined, 13 points ahead of the five-year average. The **cotton** harvest was 30 percent complete by Sunday, 18 points ahead of the five-year average.

Hay: Alfalfa conditions were rated mostly in the good to fair range. **Alfalfa** fifth cutting was 75 percent complete and the sixth cutting reached 12 percent complete by week's end. **Other hay** second cutting was 89 percent complete by Sunday.

Pasture and Range: Pasture and range conditions were rated mostly in the good to fair range with 23 percent rated poor to very poor. Pastureland is in need of moisture and some operators have started providing hay to livestock.

Livestock: Conditions rated mostly in the good to fair range with nine percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$108 per cwt. Prices for heifers less than 800 pounds averaged \$97 per cwt.

Conditions by Percent

For Week Ending Sunday, October 17, 2010

| Item | Very Poor | Poor | Fair | Good | Excellent |
|---------------------------------------|-----------|------|------|------|-----------|
| Row Crops - | | | | | |
| Sorghum | 1 | 3 | 29 | 52 | 15 |
| Soybeans | 1 | 10 | 40 | 40 | 9 |
| Peanuts | 0 | 1 | 18 | 71 | 10 |
| Cotton | 2 | 9 | 33 | 40 | 16 |
| Small Grains - | | | | | |
| Rye | 6 | 21 | 39 | 33 | 1 |
| Hay - | | | | | |
| Alfalfa Hay | 4 | 9 | 48 | 36 | 3 |
| Livestock, Pasture and Range - | | | | | |
| Livestock | 1 | 5 | 30 | 55 | 9 |
| Pasture and Range | 6 | 17 | 43 | 31 | 3 |

Crop Progress by Percent

| Crop and Event | Week Ending | | | 2005-2009 Average | Crop and Event | Week Ending | | | 2005-2009 Average |
|------------------|---------------------|---------------------|---------------------|----------------------|--------------------|---------------------|---------------------|---------------------|----------------------|
| | October 17, 2010 | October 10, 2010 | October 18, 2009 | | | October 17, 2010 | October 10, 2010 | October 18, 2009 | |
| Wheat - | | | | | Soybeans- | | | | |
| Planted | 78 | 66 | 73 | 77 | Mature | 68 | 61 | 54 | 65 |
| Emerged | 51 | 37 | 58 | 55 | Harvested | 36 | 27 | 19 | 34 |
| Rye- | | | | | Peanuts- | | | | |
| Planted | 94 | 92 | 95 | 94 | Mature | 93 | 88 | 79 | 88 |
| Emerged | 70 | 63 | 88 | 80 | Dug | 65 | 50 | 35 | 44 |
| Oats- | | | | | Cotton- | | | | |
| Seedbed Prepared | 79 | 77 | 82 | 81 | Combined | 40 | 25 | 18 | 27 |
| Planted | 32 | 26 | 38 | 42 | Alfalfa - | | | | |
| Emerged | 15 | 10 | 30 | 25 | Harvested | 30 | 16 | 7 | 12 |
| Corn- | | | | | 5th Cutting | | | | |
| Harvested | 98 | 94 | 75 | 88 | 6th Cutting | 12 | 7 | 8 | 19 |
| Sorghum- | | | | | Other Hay - | | | | |
| Mature | 91 | 80 | 48 | 61 | 2nd Cutting | 89 | 87 | 79 | 82 |
| Harvested | 49 | 38 | 19 | 33 | | | | | |

Weather for Week Ending October 17, 2010: Temperatures ranged from 32 degrees at Oilton and Wister on Thursday, October 14th, to 89 degrees at Butler and Mangum on Friday, October 15th, and at Beaver and Alva on Saturday, October 16th. Precipitation ranged from zero in the Panhandle and West Central districts, to 0.49 of an inch in the South Central district. Soil temperature averages ranged from 57 degrees at Miami on Thursday, October 14th, to 72 degrees at Altus on Monday, October 11th, and at Bessie on Saturday, October 16th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, October 17, 2010

| District | Temperature | | | Precipitation | | | |
|---------------|-------------|---------|---------|---------------|---------------------------------------|--------------------------|----------------------|
| | High | Low | Average | This Week | September 1, 2010 to October 17, 2010 | | |
| | | | | | Total | Departure From Normal | Percent of Normal |
| Degrees | Degrees | Degrees | Inches | Inches | Inches | Percent | |
| Panhandle | 79 | 44 | 60 | 0.00 | 1.25 | -1.46 | 46 |
| West Central | 81 | 48 | 64 | 0.00 | 1.80 | -2.63 | 41 |
| Southwest | 81 | 48 | 64 | 0.07 | 3.51 | -1.51 | 70 |
| North Central | 79 | 47 | 63 | 0.01 | 2.39 | -2.20 | 52 |
| Central | 79 | 48 | 63 | 0.06 | 4.43 | -1.69 | 72 |
| South Central | 79 | 48 | 63 | 0.49 | 6.52 | -0.15 | 98 |
| Northeast | 78 | 46 | 61 | 0.12 | 5.60 | -1.17 | 83 |
| East Central | 77 | 47 | 61 | 0.13 | 8.55 | 1.25 | 117 |
| Southeast | 79 | 47 | 62 | 0.41 | 4.79 | -2.50 | 66 |