



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Weekly Summary for Oct 17 - 23

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Oklahoma continued to experience warmer than normal temperatures and little rain. According to the Mesonet, current weather conditions are expected to persist through the beginning of November. Drought conditions were rated 22 percent moderate to severe drought, up 7 points from the previous week. Temperatures ranged from 31 degrees at Hooker on Friday, October 21th to 102 degrees at Buffalo on Monday, October 17th. Precipitation ranged from none in the Panhandle district to 0.80 of an inch in the South Central district. Soil temperature averages ranged from 58 degrees at Miami on Saturday, October 22th to 81 degrees at Clayton on Wednesday, October 19th. Statewide air temperatures averaged in the mid 60's across the state. Topsoil and subsoil moisture conditions were rated mostly adequate to short. There were 6.6 days suitable for fieldwork.

Small Grains: Winter wheat planted reached 83 percent, down 3 points from normal. Winter wheat emerged reached 64 percent, up 6 points from the previous year and up 2 points from normal. Canola planted reached 89 percent, down 3 points from the previous year and down 7 points from normal. Canola emerged reached 65 percent, up 1 point from the previous year. Rye planted reached 92 percent, down 1 point from the previous year. Rye emerged reached 70 percent, down 1 point from the previous year and down 5 points from normal. Oats planted reached 48 percent, up 8 points from normal. Oats emerged reached 39 percent, up 23 points from the previous year.

Soil Moisture Conditions by Percent

For Week Ending October 23, 2016

| Moisture Rating | Current Week | Previous Week | One Year Ago |
|-----------------|--------------|---------------|--------------|
| Topsoil | | | |
| Very Short | 9 | 7 | 14 |
| Short | 32 | 28 | 36 |
| Adequate | 57 | 63 | 47 |
| Surplus | 2 | 2 | 3 |
| Subsoil | | | |
| Very Short | 5 | 4 | 20 |
| Short | 28 | 25 | 39 |
| Adequate | 66 | 70 | 40 |
| Surplus | 1 | 1 | 1 |

Crop Conditions by Percent

For Week Ending October 23, 2016

| Commodity | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| Wheat | 2 | 6 | 37 | 47 | 8 |
| Peanuts | 0 | 0 | 10 | 86 | 4 |
| Cotton | 0 | 1 | 48 | 47 | 4 |
| Soybeans | 1 | 3 | 32 | 61 | 3 |
| Alfalfa Hay | 1 | 4 | 23 | 62 | 10 |
| Livestock | 1 | 4 | 25 | 62 | 8 |
| Pasture and Range | 3 | 12 | 37 | 42 | 6 |

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Row Crops: Corn harvested reached 82 percent, down 4 points from the previous year and down 7 points from normal. Sorghum mature reached 97 percent, up 1 point from the previous year and up 9 points from normal. Sorghum harvested reached 63 percent, down 1 point from the previous year but up 5 points from normal. Soybeans dropping leaves reached 78 percent, up 6 points from the previous year and up 46 points from normal. Soybeans harvested reached 31 percent, down 1 point from the previous year. Peanuts mature reached 87 percent, up 9 points from the previous year. Peanuts harvested reached 50 percent, up 1 point from the previous year and up 9 points from normal. Cotton bolls opening reached 91 percent, down 4 points from the previous year. Cotton harvested reached 29 percent, up 13 points from the previous year and up 13 points from normal.

Hay: A fourth cutting of alfalfa hay reached 92 percent, down 1 point from the previous year but up 20 points from normal. A fifth cutting of alfalfa hay reached 45 percent, up 16 points from the previous year and up 21 points from normal. A third cutting of other hay reached 57 percent, up 22 from the previous year and up 47 from normal.

Pasture and Livestock: Conditions of pasture and range were rated at 79 percent good to fair. Livestock condition was rated at 87 percent good to fair.

Crop Progress by Percent
For Week Ending October 23, 2016

| Crop | Stage | Current Week | Previous Week | One Year Ago | Five Year Average |
|--------------------|-----------------|--------------|---------------|--------------|-------------------|
| Wheat | Planted | 83 | 78 | 83 | 86 |
| | Emerged | 64 | 51 | 58 | 62 |
| Canola | Planted | 89 | 81 | 92 | 96 |
| | Emerged | 65 | 53 | 64 | 74 |
| Rye | Planted | 92 | 83 | 93 | 92 |
| | Emerged | 70 | 47 | 71 | 75 |
| Oats | Planted | 48 | 32 | 48 | 40 |
| | Emerged | 39 | 10 | 16 | 21 |
| Corn | Harvested | 82 | 77 | 86 | 89 |
| Sorghum | Mature | 97 | 93 | 96 | 88 |
| | Harvested | 63 | 54 | 64 | 58 |
| Soybeans | Dropping Leaves | 78 | 71 | 72 | 32 |
| | Harvested | 31 | 22 | 32 | 31 |
| Peanuts | Mature | 87 | 73 | 78 | 87 |
| | Harvested | 50 | 18 | 49 | 41 |
| Cotton | Bolls Opening | 91 | 85 | 95 | 91 |
| | Harvested | 29 | 15 | 16 | 16 |
| Alfalfa Hay | Fourth Cutting | 92 | 90 | 93 | 72 |
| | Fifth Cutting | 45 | 20 | 29 | 24 |
| Other Hay | Third Cutting | 57 | 49 | 35 | 10 |

Weather for Week Ending October 23, 2016: Temperatures ranged from 31 degrees at Hooker on Friday, October 21th to 102 degrees at Buffalo on Monday, October 17th. Precipitation ranged from none in the Panhandle district to 0.0 of an inch in the South Central district. Soil temperature averages ranged from 58 degrees at Miami on Saturday, October 22th to 81 degrees at Clayton on Wednesday, October 19th.

Mesonet Temperature and Precipitation Data

For Week Ending October 23, 2016

| Districts | Temperature | | | Precipitation | | | |
|---------------|----------------|----------------|----------------|---------------|---------------------------------|-----------------------|-------------------|
| | High | Low | Average | Current Week | Mar 1, 2016 to October 23, 2016 | | |
| | | | | | Total | Departure from Normal | Percent of Normal |
| | <i>Degrees</i> | <i>Degrees</i> | <i>Degrees</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Percent</i> |
| Panhandle | 80 | 42 | 61 | 0.00 | 0.92 | -2.17 | 30 |
| North Central | 80 | 50 | 64 | 0.00 | 5.65 | 0.46 | 109 |
| Northeast | 78 | 53 | 65 | 0.08 | 6.81 | -0.50 | 93 |
| West Central | 79 | 49 | 64 | 0.00 | 5.74 | 0.75 | 115 |
| Central | 79 | 53 | 66 | 0.06 | 4.48 | -2.19 | 67 |
| East Central | 79 | 55 | 67 | 0.51 | 4.72 | -3.31 | 59 |
| Southwest | 79 | 51 | 65 | 0.02 | 5.95 | 0.55 | 110 |
| South Central | 80 | 56 | 67 | 0.80 | 5.76 | -1.37 | 81 |
| Southeast | 81 | 54 | 67 | 0.40 | 3.59 | -4.27 | 46 |