



Oklahoma Crop Weather

Oklahoma Field Office

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

Volume 39, Number 22

Weekly Summary for July 11 - July 17

Issued July 18, 2016

Oklahoma saw light rain early in the week with high temperatures towards the end. According to the Mesonet, a lack of soil moisture and vegetative cover increased air temperatures. Drought conditions were rated 7 percent moderate, up 3 points from the previous week and 36 percent abnormally dry, up 17 points. Temperatures ranged from 56 degrees at Kenton on Saturday, July 16th to 108 degrees at Goodwell on Monday, July 11th. Precipitation ranged from 0.46 of an inch in the Panhandle district to 1.80 inches in the West Central district. Soil temperature averages ranged from 76 degrees at Skiatook on Thursday, July 14th to 93 degrees at Hugo on Wednesday, July 13th, 2016. Statewide air temperatures averaged in the low 80's across the state. Topsoil and subsoil moisture conditions were rated mostly adequate to short, 5.9 days suitable for fieldwork.

Soil Moisture Conditions by Percent

For Week Ending July 17, 2016

| Moisture Rating | Current Week | Previous Week | One Year Ago |
|-----------------|--------------|---------------|--------------|
| Topsoil | | | |
| Very Short | 4 | 4 | 5 |
| Short | 25 | 22 | 24 |
| Adequate | 69 | 69 | 64 |
| Surplus | 2 | 5 | 7 |
| Subsoil | | | |
| Very Short | 2 | 3 | 9 |
| Short | 20 | 17 | 24 |
| Adequate | 75 | 75 | 60 |
| Surplus | 3 | 5 | 7 |

Small Grains: Rye harvested reached 95 percent, down 3 points from the previous year and down 3 points from normal. Oats harvested reached 90 percent, up 12 points from the previous year but down 4 points from normal.

Crop Conditions by Percent

For Week Ending July 17, 2016

| Commodity | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| Corn | 2 | 4 | 15 | 74 | 5 |
| Sorghum | 0 | 3 | 23 | 71 | 3 |
| Peanuts | 0 | 0 | 8 | 90 | 2 |
| Cotton | 0 | 0 | 46 | 47 | 7 |
| Soybeans | 0 | 1 | 32 | 64 | 3 |
| Alfalfa Hay | 0 | 1 | 21 | 65 | 13 |
| Other Hay | 0 | 2 | 17 | 73 | 8 |
| Livestock | 1 | 3 | 20 | 66 | 10 |
| Pasture and Range | 1 | 7 | 35 | 49 | 8 |

Row Crops: Corn silk reached 62 percent, down 11 points from the previous year and down 10 points from normal. Sorghum headed reached 30 percent, down 2 points from the previous year but up 2 points from normal. Sorghum coloring reached 2 percent, unchanged from the previous year but down 1 points from normal. Soybeans planted reached 95 percent, up 3 points from the previous year but down 2 points from normal. Soybeans emerged reached 85 percent, unchanged from the previous year but down 8 points from normal. Soybeans blooming reached 16 percent, up 1 point from the previous year but down 2 points from normal. Soybeans setting pods reached 2 percent, down 1 points from the previous year but up 1 point from normal. Peanuts pegging reached 55 percent, up 21 points from the previous year but down 6 points from normal. Cotton squaring reached 43 percent, up 2 points from the previous year but down 3 points from normal. Cotton setting bolls reached 10 percent, up 4 points from the previous year but down 3 points from normal.

Hay: A second cutting of alfalfa hay reached 88 percent, up 3 points from the previous year but unchanged from normal. A first cutting of other hay reached 94 percent, up 7 points from the previous year and up 8 points from normal. A second cutting of other hay reached 15 percent, down 9 points from the previous year and down 3 points from normal.

Watermelons: Watermelons harvested reached 20 percent, down 14 points from the previous year and down 10 points from normal.

Pasture and Livestock: Conditions of pasture and range were rated at 84 percent good to fair. Livestock condition was rated at 86 percent good to fair.

Crop Progress by Percent
For Week Ending July 17, 2016

| Crop | Stage | Current Week | Previous Week | One Year Ago | Five Year Average |
|--------------------|----------------|--------------|---------------|--------------|-------------------|
| Rye | Harvested | 95 | 90 | 98 | 98 |
| Oats | Harvested | 90 | 85 | 78 | 94 |
| Corn | Silking | 62 | 51 | 73 | 72 |
| Sorghum | Headed | 30 | 19 | 32 | 28 |
| | Coloring | 2 | 1 | 2 | 3 |
| Soybeans | Planted | 95 | 90 | 92 | 97 |
| | Emerged | 85 | 81 | 85 | 93 |
| | Blooming | 16 | 14 | 15 | 18 |
| | Setting Pods | 2 | 0 | 3 | 1 |
| Peanuts | Pegging | 55 | 50 | 34 | 61 |
| Cotton | Squaring | 43 | 30 | 41 | 46 |
| | Setting Bolls | 10 | 7 | 6 | 13 |
| Alfalfa Hay | Second Cutting | 88 | 80 | 85 | 88 |
| Other Hay | First Cutting | 94 | 93 | 87 | 86 |
| | Second Cutting | 15 | 11 | 24 | 18 |
| Watermelons | Harvested | 20 | 0 | 34 | 30 |

Weather for Week Ending July 17, 2016: Temperatures ranged from 56 degrees at Kenton on Saturday, July 16th to 108 degrees at Goodwell on Monday, July 11th. Precipitation ranged from 0.46 of an inch in the Panhandle district to 1.80 inches in the West Central district. Soil temperature averages ranged from 76 degrees at Skiatook on Thursday, July 14th to 93 degrees at Hugo on Wednesday, July 13th, 2016.

Mesonet Temperature and Precipitation Data
For Week Ending July 17, 2016

| Districts | Temperature | | | Current Week | Precipitation | | |
|---------------|----------------|----------------|----------------|---------------|--------------------------------|-----------------------|-------------------|
| | High | Low | Average | | March 1, 2016 to July 17, 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 | 96 | 67 | 81 | 0.46 | 11.63 | 1.33 | 113 |
| North Central | 93 | 72 | 82 | 0.63 | 14.93 | -1.05 | 93 |
| Northeast | 90 | 71 | 80 | 1.27 | 19.17 | -1.18 | 94 |
| West Central | 94 | 71 | 82 | 1.80 | 14.62 | 0.63 | 105 |
| Central | 92 | 73 | 82 | 1.50 | 17.20 | -0.89 | 95 |
| East Central | 91 | 72 | 81 | 1.20 | 20.45 | 0.03 | 100 |
| Southwest | 95 | 72 | 83 | 1.28 | 20.90 | 6.22 | 142 |
| South Central | 93 | 73 | 83 | 0.77 | 23.15 | 4.25 | 122 |
| Southeast | 93 | 72 | 82 | 0.88 | 25.04 | 3.22 | 115 |