



Oklahoma Crop Progress and Condition

Oklahoma Field Office

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Weekly Summary for July 31 – August 6

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The high temperatures and limited rainfall have caused some crops to begin to show signs of stress. Rainfall totals in Oklahoma averaged 0.53 inches. According to the August 1st US Drought Monitor Report, drought conditions were rated 48 percent abnormally dry to exceptional drought, down 52 points from last year. Additionally, 18 percent of the state was in the moderate drought to exceptional drought categories, down 81 points from the previous year. Statewide, temperatures averaged in the mid to upper 80's. Topsoil and subsoil moisture conditions were rated adequate to short. There were 6.3 days suitable for fieldwork.

Row Crops: The extreme temperatures continued to push row crops to progress. Corn silking reached 89 percent, down 5 points from the previous year and down 1 point from normal. Corn dough reached 55 percent, up 13 points from the previous year and up 14 points from normal. Sorghum headed reached 37 percent, down 12 points from the previous year and down 11 points from normal. Sorghum coloring reached 13 percent, down 6 points from the previous year and down 5 points from normal. Soybeans blooming reached 68 percent, up 10 points from the previous year and up 16 points from normal. Soybeans setting pods reached 17 percent, down 6 points from the previous year and down 2 points from normal. Peanuts pegging reached 67 percent, down 2 points from the previous year and from normal. Cotton squaring reached 90 percent, down 4 points from the previous year but unchanged from normal. Cotton setting bolls reached 67 percent, up 21 points from the previous year and from normal.

Hay: The third cutting of alfalfa hay reached 68 percent, down 5 points from the previous year and down 2 points from normal. The second cutting of other hay reached 48 percent, down 15 points from the previous year and down 5 points from normal.

Pasture and Livestock: Pasture and range condition was rated at 78 percent good to fair. Livestock condition was rated at 83 percent good to fair.

Soil Moisture Conditions by Percent

For Week Ending August 6, 2023

| Moisture Rating | Current Week | Previous Week | One Year Ago |
|-----------------|--------------|---------------|--------------|
| Topsoil | | | |
| Very Short | 18 | 16 | 44 |
| Short | 39 | 33 | 32 |
| Adequate | 42 | 50 | 24 |
| Surplus | 1 | 1 | 0 |
| Subsoil | | | |
| Very Short | 16 | 15 | 45 |
| Short | 35 | 33 | 37 |
| Adequate | 48 | 50 | 18 |
| Surplus | 1 | 2 | 0 |

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Crop and Livestock Conditions by Percent

For Week Ending August 6, 2023

| Commodity | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| Corn | 2 | 3 | 32 | 60 | 3 |
| Sorghum | 0 | 7 | 38 | 53 | 2 |
| Peanuts | 0 | 0 | 2 | 98 | 0 |
| Cotton | 11 | 26 | 21 | 41 | 1 |
| Soybeans | 2 | 9 | 29 | 50 | 10 |
| Livestock | 4 | 6 | 26 | 57 | 7 |
| Pasture and Range | 5 | 12 | 34 | 44 | 5 |

Crop Progress by Percent

For Week Ending August 6, 2023

| Crop | Stage | Current Week | Previous Week | One Year Ago | Five Year Average |
|--------------------|----------------|--------------|---------------|--------------|-------------------|
| Corn | Silking | 89 | 83 | 94 | 90 |
| | Dough | 55 | 42 | 42 | 43 |
| Sorghum | Headed | 37 | 26 | 49 | 48 |
| | Coloring | 13 | 8 | 19 | 17 |
| Soybeans | Blooming | 68 | 55 | 58 | 52 |
| | Setting Pods | 17 | 7 | 23 | 19 |
| Peanuts | Pegging | 67 | 57 | 69 | 69 |
| Cotton | Squaring | 90 | 84 | 94 | 90 |
| | Setting Bolls | 67 | 55 | 46 | 46 |
| Alfalfa Hay | Third Cutting | 68 | 53 | 73 | 70 |
| Other Hay | Second Cutting | 48 | 40 | 63 | 53 |

Weather for Week Ending: Temperatures ranged from 58 degrees at Kenton on Thursday, August 3rd, to 110 degrees at Burneyville on Thursday, August 3rd. Precipitation ranged from 0.04 inches in the Southwest district to 1.37 inches in the Northeast District. Soil temperature averages ranged from 78 degrees at Tahlequah on Sunday, August 6th, to 100 degrees at Burneyville on Friday, August 4th.

Mesonet Temperature and Precipitation Data

For Week Ending August 6, 2023

| Districts | Temperature | | | Precipitation | | | |
|---------------|----------------|-----|---------|---------------|---------------------------------|-----------------------|-------------------|
| | High | Low | Average | Current Week | March 1, 2023 to August 6, 2023 | | |
| | | | | | Total | Departure from Normal | Percent of Normal |
| | <i>degrees</i> | | | <i>inches</i> | <i>inches</i> | <i>inches</i> | <i>percent</i> |
| Panhandle | 96 | 67 | 82 | 0.18 | 17.35 | 5.33 | 144 |
| North Central | 98 | 74 | 85 | 1.17 | 18.64 | 0.83 | 105 |
| Northeast | 97 | 74 | 85 | 1.37 | 19.07 | -3.45 | 85 |
| West Central | 100 | 73 | 86 | 0.13 | 21.20 | 5.67 | 137 |
| Central | 99 | 75 | 87 | 0.40 | 21.04 | 1.11 | 106 |
| East Central | 98 | 75 | 86 | 1.01 | 21.59 | -1.03 | 95 |
| Southwest | 104 | 75 | 90 | 0.04 | 14.96 | -1.17 | 93 |
| South Central | 102 | 75 | 89 | 0.10 | 19.52 | -1.05 | 95 |
| Southeast | 100 | 73 | 86 | 0.36 | 24.87 | 0.81 | 103 |