



Oklahoma Crop Progress and Condition

Oklahoma Field Office

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Weekly Summary for July 17 – July 23

Issued July 24, 2023

Rainfall totals in Oklahoma averaged 0.59 inches. According to the July 18th US Drought Monitor Report, drought conditions were rated 50 percent abnormally dry to exceptional drought, down 50 points from last year. Additionally, 20 percent of the state was in the moderate drought to exceptional drought categories, down 80 points from the previous year. Statewide, temperatures averaged in the low 80's. Topsoil and subsoil moisture conditions were rated adequate to short. There were 5.9 days suitable for fieldwork.

Small Grains: Oats harvested reached 83 percent, down 10 points from the previous year and down 5 points from normal.

Row Crops: Drier conditions along with warmer temperatures allowed row crops to progress quickly. Corn silking reached 67 percent, up 6 points from the previous year and up 4 points from normal. Corn dough reached 29 percent, up 26 points from the previous year. Sorghum headed reached 16 percent, down 14 points from the previous year and down 13 points from normal. Sorghum coloring reached 6 percent, up 2 points from the previous year but down 1 point from normal. Soybeans emerged reached 91 percent, down 3 points from the previous year but unchanged from normal. Soybeans blooming reached 45 percent, up 11 points from the previous year and up 15 points from normal. Soybeans setting pods reached 5 percent, up 4 points from the previous year. Peanuts pegging reached 52 percent, up 3 points from the previous year and up 4 points from normal. Cotton squaring reached 79 percent, up 13 points from the previous year and from normal. Cotton setting bolls reached 25 percent, up 16 points from the previous year and up 6 points from normal.

Hay: The second cutting of alfalfa hay reached 86 percent, down 8 points from the previous year and down 7 points from normal. The third cutting of alfalfa hay reached 39 percent, down 4 points from the previous year and down 9 points from normal. The first cutting of other hay reached 95 percent. The second cutting of other hay reached 31 percent, down 10 points from the previous year and down 5 points from normal.

Pasture and Livestock: Pasture and range condition was rated at 83 percent good to fair. Livestock condition was rated at 87 percent good to fair.

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Soil Moisture Conditions by Percent

For Week Ending July 23, 2023

| Moisture Rating | Current Week | Previous Week | One Year Ago |
|-----------------|--------------|---------------|--------------|
| Topsoil | | | |
| Very Short | 5 | 3 | 42 |
| Short | 24 | 12 | 40 |
| Adequate | 67 | 79 | 18 |
| Surplus | 4 | 6 | 0 |
| Subsoil | | | |
| Very Short | 5 | 3 | 44 |
| Short | 22 | 19 | 39 |
| Adequate | 70 | 75 | 17 |
| Surplus | 3 | 3 | 0 |

Crop and Livestock Conditions by Percent

For Week Ending July 23, 2023

| Commodity | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| Oats | 1 | 3 | 47 | 49 | 0 |
| Corn | 1 | 3 | 16 | 65 | 15 |
| Sorghum | 0 | 9 | 14 | 59 | 18 |
| Peanuts | 0 | 0 | 2 | 98 | 0 |
| Cotton | 0 | 5 | 23 | 69 | 3 |
| Soybeans | 1 | 3 | 19 | 71 | 6 |
| Livestock | 1 | 5 | 21 | 66 | 7 |
| Pasture and Range | 2 | 6 | 26 | 57 | 9 |

Crop Progress by Percent

For Week Ending July 23, 2023

| Crop | Stage | Current Week | Previous Week | One Year Ago | Five Year Average |
|--------------------|----------------|--------------|---------------|--------------|-------------------|
| Oats | Harvested | 83 | 63 | 93 | 88 |
| Corn | Silking | 67 | 55 | 61 | 63 |
| | Dough | 29 | 15 | 3 | (N/A) |
| Sorghum | Headed | 16 | 11 | 30 | 29 |
| | Coloring | 6 | 0 | 4 | 7 |
| Soybeans | Emerged | 91 | 86 | 94 | 91 |
| | Blooming | 45 | 15 | 34 | 30 |
| | Setting Pods | 5 | (NA) | 1 | (NA) |
| Peanuts | Pegging | 52 | 20 | 49 | 48 |
| Cotton | Squaring | 79 | 32 | 66 | 66 |
| | Setting Bolls | 25 | 0 | 9 | 19 |
| Alfalfa Hay | Second Cutting | 86 | 83 | 94 | 93 |
| | Third Cutting | 39 | 24 | 43 | 48 |
| Other Hay | First Cutting | 95 | 92 | (NA) | (NA) |
| | Second Cutting | 31 | 24 | 41 | 36 |

(NA) Not Available

Weather for Week Ending: Temperatures ranged from 57 degrees at Burneyville on Sunday, July 23rd, to 109 degrees at Grandfield on Tuesday, July 18th. Precipitation ranged from trace amounts in the Southwest, South Central, and Southeast Districts to 1.67 inches in the North Central district. Soil temperature averages ranged from 77 degrees at Tahlequah on Friday, July 21st, to 97 degrees at Burneyville on Wednesday, July 19th.

Mesonet Temperature and Precipitation Data
For Week Ending July 23, 2023

| Districts | Temperature | | | Precipitation | | | |
|---------------|----------------|-----|---------|---------------|--------------------------------|-----------------------|-------------------|
| | High | Low | Average | Current Week | March 1, 2023 to July 23, 2023 | | |
| | | | | | Total | Departure from Normal | Percent of Normal |
| | <i>degrees</i> | | | <i>inches</i> | <i>inches</i> | <i>inches</i> | <i>percent</i> |
| Panhandle | 93 | 67 | 80 | 1.49 | 17.10 | 6.27 | 158 |
| North Central | 93 | 70 | 82 | 1.67 | 17.47 | 0.92 | 106 |
| Northeast | 90 | 70 | 80 | 1.17 | 17.74 | -3.33 | 84 |
| West Central | 94 | 69 | 82 | 0.26 | 21.05 | 6.61 | 146 |
| Central | 92 | 71 | 82 | 0.39 | 20.66 | 1.98 | 111 |
| East Central | 91 | 71 | 81 | 0.33 | 20.60 | -0.54 | 97 |
| Southwest | 97 | 70 | 84 | 0.00 | 14.93 | -0.22 | 99 |
| South Central | 95 | 71 | 83 | 0.00 | 19.42 | -0.07 | 100 |
| Southeast | 92 | 70 | 81 | 0.00 | 24.54 | 1.92 | 108 |