



Oklahoma Crop Weather

Oklahoma Field Office

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Weekly Summary for May 27-Jun 2

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Severe Weather Brings Flooding

Multiple storm systems throughout the week brought heavy rains and flooding to central and eastern Oklahoma. Severe weather on Friday night resulted in multiple tornados and flash flooding that claimed the lives of 16 Oklahomans, according to preliminary reports. Upwards of ten inches of rain were reported in some areas of the Oklahoma City metro. Mesonet recorded 8.22 inches or rain at the Oklahoma City East station over the past week. The Central district averaged more than four inches of rain for the week, with heavy bands of rain in northeastern and east central Oklahoma as well. Stock ponds and creeks were filling up in eastern Oklahoma, but conditions were too wet to cut hay. Western Oklahoma once again missed any widespread rainfall and continues to be in a severe to exceptional drought. The period since March 1st in the Panhandle was the driest such period on record, with barely a fourth of normal precipitation on average. Topsoil moisture conditions were rated surplus in 11 percent of the state, but were rated mostly adequate to short. Subsoil moisture conditions improved slightly but 60 percent was rated short to very short. There were 4.3 days suitable for fieldwork.

Soil Moisture Conditions by Percent

Week Ending Sunday, June 2, 2013

| Moisture Rating | Current Week | Previous Week | One Year Ago |
|-----------------|--------------|---------------|--------------|
| Topsoil | | | |
| Very Short | 26 | 23 | 14 |
| Short | 20 | 22 | 41 |
| Adequate | 43 | 50 | 44 |
| Surplus | 11 | 5 | 1 |
| Subsoil | | | |
| Very Short | 35 | 38 | 18 |
| Short | 25 | 26 | 46 |
| Adequate | 36 | 34 | 36 |
| Surplus | 4 | 2 | 0 |

Small Grains: The ongoing drought has delayed any significant harvest of small grains. **Wheat** heading was 94 percent complete by the end of the week. Wheat in the soft dough stage of development was 60 percent complete, 33 points behind the five-year average. **Rye** in the soft dough stage was 89 percent complete by week's end. **Oats** heading was 80 percent complete and oats in the soft dough stage reached 32 percent by Sunday, 31 points behind normal.

Canola condition ratings declined and were rated mostly fair to poor with 52 percent rated poor to very poor. Harvest of canola had not yet begun. Canola was 48 percent mature by the end of the week.

Row Crops: Fieldwork was slowed in areas of heavy rain. **Corn** was rated mostly in good condition. Corn planting was 93 percent complete by the end of the week, and 84 percent had emerged. **Sorghum** seedbed preparation was 76 percent complete, and 27 percent of the crop had been planted by the end of the week, 27 points behind the five-year average. Thirteen percent of sorghum had emerged by week's end. **Soybean** seedbed preparation was 68 percent complete, and 31 percent had been planted, 22 points behind the five-year average. Nine percent of soybeans had emerged by the end of the week. **Peanut** seedbed preparation was 97 percent complete, and 82 percent of the crop had been planted by Sunday. Peanuts emerged was 64 percent complete. **Cotton** seedbed preparation was 92 percent complete by the end of the week. Cotton planting was 49 percent complete and 36 percent had emerged by Sunday.

Watermelon planting was 90 percent complete by the end of the week, and 33 percent were running vines, down 12 points from normal.

Hay: Conditions of alfalfa and other hay were rated mostly good to fair. Hay harvest was behind normal, as wet conditions limited cutting in eastern Oklahoma. A first cutting of **alfalfa hay** was 69 percent complete by the end of the week, 23 points behind the five year average. A first cutting of **other hay** was 30 percent complete, 17 points behind normal.

Pasture and Livestock: Conditions of pasture and range were rated mostly good to fair. Grasses in eastern Oklahoma will benefit from recent rainfall, while western Oklahoma struggles to find pasture for livestock. Livestock conditions continued to be rated mostly good to fair.

Conditions by Percent

For Week Ending Sunday, June 2, 2013

| Commodity | Very Poor | Poor | Fair | Good | Excellent |
|-------------------|-----------|------|------|------|-----------|
| Wheat | 26 | 28 | 28 | 16 | 2 |
| Rye | 22 | 28 | 37 | 10 | 3 |
| Oats | 9 | 17 | 36 | 33 | 5 |
| Canola | 21 | 31 | 30 | 16 | 2 |
| Corn | 0 | 1 | 22 | 69 | 8 |
| Alfalfa Hay | 7 | 17 | 35 | 36 | 5 |
| Other Hay | 7 | 14 | 42 | 35 | 2 |
| Livestock | 1 | 7 | 40 | 45 | 7 |
| Pasture and Range | 15 | 18 | 35 | 28 | 4 |

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Crop Progress by Percent

For Week Ending Sunday, June 2, 2013

| Crop | Stage | Current Week | Previous Week | One Year Ago | Five Year Average |
|-------------|------------------|--------------|---------------|--------------|-------------------|
| Wheat | Headed | 94 | 93 | 100 | 100 |
| | Soft Dough | 60 | 49 | 100 | 93 |
| Rye | Soft Dough | 89 | 67 | 100 | 95 |
| Oats | Headed | 80 | 69 | 97 | 88 |
| | Soft Dough | 32 | 20 | 87 | 63 |
| Canola | Mature | 48 | 37 | 100 | N/A |
| Corn | Planted | 93 | 86 | 100 | 99 |
| | Emerged | 84 | 54 | 97 | 91 |
| Sorghum | Seedbed Prepared | 76 | 72 | 96 | 89 |
| | Planted | 27 | 25 | 69 | 54 |
| | Emerged | 13 | 7 | 43 | 29 |
| Soybeans | Seedbed Prepared | 68 | 63 | 92 | 85 |
| | Planted | 31 | 18 | 65 | 53 |
| | Emerged | 9 | N/A | 53 | 36 |
| Peanuts | Seedbed Prepared | 97 | 93 | 100 | 100 |
| | Planted | 82 | 67 | 94 | 87 |
| | Emerged | 64 | 17 | 69 | 61 |
| Cotton | Seedbed Prepared | 92 | 91 | 93 | 99 |
| | Planted | 49 | 36 | 61 | 60 |
| | Emerged | 36 | 11 | 47 | 36 |
| Alfalfa Hay | 1st Cutting | 69 | 52 | 100 | 92 |
| Other Hay | 1st Cutting | 30 | 22 | 75 | 47 |
| Watermelons | Planted | 90 | 88 | 100 | 91 |
| | Running | 33 | 17 | 70 | 45 |

Mesonet Temperature and Precipitation Data

Week Ending Sunday, June 2, 2013

Weather for Week Ending June 2, 2013:

Temperatures ranged from 42 degrees at Hooker on Sunday, June 2nd, to 106 degrees at Tipton on Friday, May 31st. Precipitation ranged from 0.17 of an inch in the Panhandle district to 4.22 inches in the Central district. Soil temperature averages ranged from 66 degrees at Foraker on Sunday, June 2nd, to 86 degrees at Mangum on Friday, May 31st.

| District | Temperature | | | Precipitation | | | |
|---------------|-------------|---------|---------|---------------|-------------------------------|-----------------------|-------------------|
| | High | Low | Average | Current Week | March 1, 2013 to June 2, 2013 | | |
| | | | | | Total | Departure From Normal | Percent of Normal |
| | Degrees | Degrees | Degrees | Inches | Inches | Inches | Percent |
| Panhandle | 89 | 57 | 73 | 0.17 | 1.66 | -5.39 | 24 |
| West Central | 87 | 63 | 74 | 1.01 | 4.91 | -5.24 | 48 |
| Southwest | 89 | 67 | 77 | 0.49 | 6.48 | -3.70 | 64 |
| North Central | 83 | 62 | 72 | 1.31 | 7.91 | -2.72 | 74 |
| Central | 81 | 65 | 73 | 4.22 | 15.44 | 2.73 | 121 |
| South Central | 82 | 67 | 75 | 1.84 | 13.13 | -0.09 | 99 |
| Northeast | 79 | 64 | 72 | 3.91 | 14.25 | 0.79 | 106 |
| East Central | 81 | 65 | 73 | 3.16 | 17.26 | 2.63 | 118 |
| Southeast | 82 | 67 | 75 | 2.84 | 17.77 | 2.12 | 114 |