



Oklahoma Crop Weather

Oklahoma Field Office

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Heavy Rains Continue

Heavy rains and flash flooding returned to Oklahoma this week, providing needed moisture for most of the state, but resulting in dangerous conditions in some areas. All nine districts received more than an inch of rainfall with the Southwest district receiving 4.07 inches total. Hobart received 10.94 inches of rain for the week, most of which fell on Monday. Despite extensive rainfall in some areas of the state, there were still parts of the Panhandle and Southeast districts in need of additional moisture. Flood damage to crops was reported for 17 percent of the state, with 11 percent light and six percent moderate damage. Topsoil and subsoil conditions were rated in the adequate to surplus range with 32 percent of topsoil conditions rated surplus and 20 percent of subsoil conditions rated surplus. Average temperatures remained in the mid-to high-70's. Rainfall allowed only 2.5 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, July 11, 2010

| Moisture Rating | Topsoil | | | Subsoil | | |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | This Week | Last Week | Last Year | This Week | Last Week | Last Year |
| Very Short | 2 | 8 | 30 | 3 | 8 | 22 |
| Short | 8 | 24 | 44 | 10 | 23 | 47 |
| Adequate | 58 | 58 | 26 | 67 | 62 | 31 |
| Surplus | 32 | 10 | 0 | 20 | 7 | 0 |

Small Grains: Rainfall limited field work and slowed the completion of wheat harvest. **Wheat** harvested reached 92 percent complete, an increase of only two points from the previous week, and two points behind normal. Sixty percent of wheat ground was plowed by week's end. **Oats** harvested was virtually complete by week's end. Sixty percent of both **rye** and oats were plowed by Sunday.

Row Crops: Crop conditions improved slightly from the week prior due to the ample rainfall which also provided for considerable crop progress. **Corn** silking reached 82 percent complete, a 29 point increase from the week prior and nineteen points ahead of normal. Virtually all **sorghum** was emerged by Sunday, 19 points ahead of the five-year average. Sorghum headed reached 16 percent complete, seven points ahead of normal. Virtually all **soybeans** were emerged by week's end, 15 points ahead of normal, while 21 percent of the crop had bloomed, a 14 point increase from the week prior. **Peanuts** pegging reached 60 percent complete by week's end and 18 percent of the plants were setting pods. **Cotton** squaring increased substantially to reach 74 percent complete, 23 points ahead of the five-year average. Eighteen percent of the cotton crop was setting bolls by week's end.

Miscellaneous Crops: Ninety-four percent of **watermelons** were setting fruit by week's end, six points ahead of normal. Harvest began with five percent complete, well behind the five-year average.

Hay: Both alfalfa and other hay conditions continue to be rated mostly in the good to fair range, however, rainfall limited the cutting of hay and little progress was made. A third cutting of **alfalfa** was 42 percent complete by week's end. First cuttings of **other hay** remained at 77 percent complete.

Pasture and Range: Pasture and range conditions were rated mostly in the good to fair range, with 14 percent rated excellent.

Livestock: Livestock conditions rated mostly in the good to fair range with 11 percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$118 per cwt. Prices for heifers less than 800 pounds averaged \$111 per cwt.

Conditions by Percent

For Week Ending Sunday, July 11, 2010

| Item | Very Poor | Poor | Fair | Good | Excellent |
|---------------------------------------|-----------|------|------|------|-----------|
| Row Crops - | | | | | |
| Corn | 0 | 1 | 17 | 66 | 16 |
| Sorghum | 1 | 1 | 33 | 56 | 9 |
| Soybeans | 0 | 2 | 23 | 65 | 10 |
| Peanuts | 0 | 0 | 6 | 78 | 16 |
| Cotton | 0 | 1 | 17 | 71 | 11 |
| Hay - | | | | | |
| Alfalfa Hay | 1 | 3 | 33 | 53 | 10 |
| Other Hay | 1 | 4 | 32 | 56 | 7 |
| Livestock, Pasture and Range - | | | | | |
| Livestock | 0 | 2 | 23 | 64 | 11 |
| Pasture and Range | 1 | 6 | 28 | 51 | 14 |

Crop Progress by Percent

| Crop and Event | Week Ending | | | 2005-2009 Average | Crop and Event | Week Ending | | | 2005-2009 Average |
|------------------|---------------|--------------|---------------|-------------------|----------------------|---------------|--------------|---------------|-------------------|
| | July 11, 2010 | July 4, 2010 | July 12, 2009 | | | July 11, 2010 | July 4, 2010 | July 12, 2009 | |
| Wheat - | | | | | Peanuts- | | | | |
| Harvested | 92 | 90 | 100 | 94 | Pegging | 60 | 52 | 54 | 72 |
| Plowed | 60 | 52 | 71 | 59 | Setting Pods | 18 | N/A | N/A | N/A |
| Rye- | | | | | Cotton- | | | | |
| Plowed | 60 | 48 | 68 | 60 | Squaring | 74 | 35 | 61 | 51 |
| Oats- | | | | | Setting Bolls | | | | |
| Harvested | 95 | 94 | 100 | 92 | Alfalfa - | 18 | N/A | N/A | 5 |
| Plowed | 60 | 56 | 68 | 58 | 2nd Cutting | 91 | 91 | 96 | 93 |
| Corn- | | | | | 3rd Cutting | | | | |
| Silking | 82 | 53 | 59 | 63 | Other Hay - | 42 | 30 | 29 | 44 |
| Dough | 15 | N/A | 17 | 26 | 1st Cutting | 77 | 77 | 78 | 78 |
| Sorghum- | | | | | Watermelons - | | | | |
| Emerged | 95 | 90 | 74 | 76 | Setting Fruit | 94 | 82 | 80 | 88 |
| Headed | 16 | N/A | N/A | 9 | Harvested | 5 | N/A | 7 | 24 |
| Soybeans- | | | | | | | | | |
| Emerged | 98 | 91 | 95 | 83 | | | | | |
| Blooming | 21 | 7 | 23 | 21 | | | | | |

Weather for Week Ending July 11, 2010: Temperatures ranged from 55 degrees at Beaver on Tuesday, July 6th, to 101 degrees at Buffalo on Sunday, July 11th. Precipitation ranged from 1.18 in the Panhandle district to 4.07 inches in the Southwest district. Soil temperature averages ranged from 73 degrees at Kenton on Thursday, July 8th, to 89 degrees at Clayton and Stigler on Tuesday, July 6th, and at Cherokee on Sunday, July 11th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, July 11, 2010

| District | Temperature | | | Precipitation | | | |
|---------------|-------------|---------|---------|---------------|--------------------------------|-----------------------|-------------------|
| | High | Low | Average | This Week | March 1, 2010 to July 11, 2010 | | |
| | | | | | Total | Departure From Normal | Percent of Normal |
| Degrees | Degrees | Degrees | Inches | Inches | Inches | Percent | |
| Panhandle | 87 | 63 | 74 | 1.18 | 10.44 | -0.24 | 98 |
| West Central | 87 | 68 | 76 | 1.94 | 12.39 | -2.13 | 85 |
| Southwest | 88 | 71 | 78 | 4.07 | 14.78 | -0.05 | 100 |
| North Central | 87 | 69 | 77 | 1.67 | 17.01 | 1.66 | 111 |
| Central | 87 | 71 | 78 | 2.08 | 19.84 | 1.96 | 111 |
| South Central | 87 | 72 | 78 | 1.88 | 17.31 | -1.14 | 94 |
| Northeast | 87 | 71 | 78 | 2.63 | 19.89 | 1.00 | 105 |
| East Central | 86 | 72 | 78 | 2.17 | 18.90 | -1.32 | 93 |
| Southeast | 89 | 72 | 79 | 1.76 | 16.02 | -5.28 | 75 |