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July 26, 2004

A combined contribution with
-Cooperative Extension Service
-USDA Farm Service Agency
-The Oklahoma Mesonet

Rain Fell, But More Moisture Is Needed

July 25 - Parts of the State received rainfall over the weekend, but much more is needed to improve the conditions of the summer crops. The rain came at a much needed time, as some parts of the State was without moisture for nearly two weeks. The lack of rainfall has deteriorated the soil moisture and could hinder most summer crops if conditions do not improve. Topsoil moisture was 2 percent surplus, 64 percent adequate, 30 percent short, and 4 percent very short. Subsoil moisture was 1 percent surplus, 73 percent adequate, 22 percent short, and 4 percent very short. Rains received this weekend may not be represented in the soil moisture supplies. Days suitable for field work were 5.9.

TOPSOIL MOISTURE BY PERCENT

| | Very Short | Short | Adequate | Surplus |
|-----------|------------|-------|----------|---------|
| This Week | 4 | 30 | 64 | 2 |
| Last Week | 4 | 24 | 67 | 5 |
| Last Year | 38 | 49 | 13 | 0 |

SUBSOIL MOISTURE BY PERCENT

| | Very Short | Short | Adequate | Surplus |
|-----------|------------|-------|----------|---------|
| This Week | 4 | 22 | 73 | 1 |
| Last Week | 5 | 19 | 72 | 4 |
| Last Year | 25 | 48 | 27 | 0 |

Small Grains: The small grain harvest is complete. Oats and wheat are at 85 percent plowed with the rye slightly ahead of them at 88 percent plowed.

Row Crops: Most dryland row crops continued to stress due to lack of rainfall and hot weather. Irrigation continues for crops where water supplies allow, helping improve summer crop conditions. However, most of the Panhandle received rain this past week. As of now row crops are still looking good due to the moisture that was received during previous weeks. Forty-eight percent of corn was in the dough stage. Corn maturity gained another 6 percentage points to 15 percent mature. Ending the week, sorghum headed increased 20 points and coloring increased to 18 percent. Soybean emergence went up 4 points from last week to 97 percent. Soybeans blooming reached 49 percent while 27 percent were setting pods. Peanuts pegging increased 6 percentage points from previous week to 81 percent complete. In addition, peanut setting pods now stands at 55 percent, 7 percentage points above the five-year average. Cotton progressed to 85 percent squaring and 45 percent setting bolls. Crop and insect activity was mostly light to moderate, with reports of webworms and grass hopper activity continuing.

ROW CROPS CONDITION BY PERCENT

Week Ending July 25, 2004

| | Very Poor | Poor | Fair | Good | Excellent |
|----------|-----------|------|------|------|-----------|
| Corn | 0 | 1 | 11 | 33 | 55 |
| Soybeans | 0 | 2 | 32 | 53 | 13 |
| Peanuts | 0 | 4 | 16 | 68 | 12 |
| Cotton | 2 | 2 | 21 | 64 | 11 |
| Sorghum | 0 | 1 | 10 | 82 | 7 |

Hay: Both alfalfa and other hay remained in good condition. The third cutting of alfalfa advanced to 84 percent complete, 13 points higher than the 5-year average. Other hay first cutting was nearly complete with 93 percent cut while the second cutting gained 8 percentage points to 40 percent cut.

HAY CONDITION BY PERCENT

Week Ending July 25, 2004

| | Very Poor | Poor | Fair | Good | Excellent |
|-----------|-----------|------|------|------|-----------|
| Alfalfa | 1 | 3 | 23 | 55 | 18 |
| Other Hay | 1 | 2 | 28 | 54 | 15 |

Miscellaneous Commodities: Watermelons setting fruit was at 93 percent. Six percentage points higher than last week, but 6 percentage points below the five-year average. Fifty-nine percent of the watermelon crop has been harvested. Watermelon conditions were mostly good to fair. Peaches and pecans were in good condition. Pecans reported having an average nut set.

Pasture: Pasture conditions were at 20 percent excellent, 74 percent fair to good, 6 percent poor to very poor. Hot weather has dried out some areas very rapidly.

Livestock: Livestock conditions were 27 percent excellent, 57 percent good, 15 percent fair, and 1 percent poor. Livestock insect activity was mostly moderate to light. The price for feeder steers and heifers dropped this week. Feeder steers less than 800 pounds went down \$1.95 to \$118.45 per cwt. The price for feeder heifers less than 800 pounds also decreased to \$110.42 per cwt., a three dollar and forty-two cent drop from previous week.

LIVESTOCK CONDITION BY PERCENT

Week Ending July 25, 2004

| | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|------|------|------|-----------|
| Livestock | 0 | 1 | 15 | 57 | 27 |
| Pasture & Range | 1 | 5 | 22 | 52 | 20 |

ADDRESS SERVICE REQUESTED

TIME DATED MATERIAL

OKLAHOMA CROP PROGRESS

Week Ending July 25, 2004

| Item | This Week | Last Week | Last Year | 5 - Yr Avg. | Item | This Week | Last Week | Last Year | 5 - Yr Avg. |
|------------------|-----------|-----------|-----------|-------------|-------------------------|-----------|-----------|-----------|-------------|
| Wheat - | | | | | Peanuts - | | | | |
| Plowed | 85 | 79 | 89 | 88 | Pegging | 81 | 75 | 95 | 87 |
| Seedbed Prepared | 5 | n/a | 4 | 7 | Setting Pods | 55 | 36 | 36 | 48 |
| Oats - | | | | | Cotton - | | | | |
| Plowed | 85 | 79 | 86 | 87 | Squaring | 85 | 80 | 87 | 81 |
| Seedbed Prepared | 4 | n/a | 3 | 4 | Setting Bolls | 45 | 20 | 34 | 35 |
| Rye - | | | | | Alfalfa - | | | | |
| Plowed | 88 | 85 | n/a | 31 | 3 rd Cutting | 84 | 73 | 83 | 71 |
| Corn - | | | | | Other Hay - | | | | |
| Silking | 85 | 64 | 66 | 81 | 1 st Cutting | 93 | 90 | 93 | 93 |
| Dough | 48 | 42 | 38 | 37 | 2 nd Cutting | 40 | 32 | 31 | 37 |
| Mature | 15 | 9 | 11 | 10 | Watermelons - | | | | |
| Sorghum - | | | | | Setting Fruit | 93 | 87 | 99 | 99 |
| Headed | 45 | 25 | 25 | 30 | Harvested | 59 | 45 | 58 | 50 |
| Coloring | 18 | 6 | 6 | 8 | | | | | |
| Soybeans - | | | | | | | | | |
| Emerged | 97 | 93 | 99 | 97 | | | | | |
| Blooming | 49 | 38 | 34 | 49 | | | | | |
| Setting Pods | 27 | 15 | 20 | 26 | | | | | |

Weather for Week Ending July 25, 2004 - Temperatures ranged from 54 degrees at Boise City on Sunday, July 25th, to 104 degrees at Grandfield on Tuesday, July 20th. Precipitation averaged 0.15 inches in South Central, to 1.62 inches East Central district. Soil temperatures averaged 65 degrees at Washington on Sunday, July 25th, to 93 degrees at Sulphur on Thursday, July 23rd.

MESONET TEMPERATURE AND PRECIPITATION DATA

Week Ending July 25, 2004

| Districts | Temperature | | | Precipitation | | | |
|---------------|-------------|-----|---------|---------------|--------------------------------|-----------------------|-------------------|
| | High | Low | Average | This Week | March 1, 2004 to July 25, 2004 | | |
| | | | | | Total | Departure from Normal | Percent of Normal |
| Degrees | | | Inches | | | | |
| Panhandle | 85 | 64 | 74 | 1.05 | 12.19 | +0.38 | 103 |
| West Central | 89 | 67 | 78 | 0.70 | 15.64 | +0.16 | 101 |
| Southwest | 92 | 67 | 80 | 0.22 | 14.30 | - 1.52 | 90 |
| North Central | 90 | 67 | 78 | 0.57 | 17.10 | +0.40 | 102 |
| Central | 89 | 67 | 78 | 0.72 | 17.60 | - 1.45 | 92 |
| South Central | 89 | 68 | 78 | 0.15 | 17.53 | - 2.07 | 89 |
| Northeast | 87 | 68 | 77 | 1.15 | 24.25 | +3.93 | 119 |
| East Central | 88 | 68 | 77 | 1.62 | 22.72 | +1.15 | 105 |
| Southeast | 89 | 67 | 78 | 0.65 | 20.67 | - 2.25 | 90 |