



CROP WEATHER

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Agricultural Summary: Fieldwork averaged 6.6 days last week. Statewide, topsoil moisture is rated 7 percent very short, 51 percent short, 41 percent adequate, and 1 percent surplus. Subsoil moisture is rated 9 percent very short, 46 percent short, and 45 percent adequate.

Field Crop Report: The Kansas wheat harvest is 99 percent complete with only a few isolated fields remaining to be cut. This compares with 100 percent harvested last year and 98 percent for the 5-year average. Forty-eight percent of the corn crop has tasseled or silked, compared to 42 percent last year and 53 percent for the average. Five percent of the corn crop was reported to be in the dough stage, compared to 7 percent last year and for the 5-year average. Corn condition is rated 1 percent very poor, 8 percent poor, 24 percent fair, 56 percent good, and 11 percent excellent. Ninety-eight percent of the soybean crop has emerged, compared to 99 percent last year and 98 percent for the 5-year average. Thirty-three percent of the soybean crop was in the bloom stage, compared to 30 percent last year and 41 percent for the average. Five percent of the soybeans were setting pods, compared to 4 percent last year and 7 percent for the average. Soybean condition is rated 2 percent poor, 30 percent fair, 60 percent good, and 8 percent excellent. Ninety-nine percent of the sorghum crop has emerged, compared to 97 percent last year and 99 percent for the average. Six percent of sorghum is headed, compared to 5 percent last year and 9 percent for the 5-year average. Sorghum condition is rated 1 percent very poor, 6 percent poor, 31 percent fair, 57 percent good, and 5 percent excellent. Ninety-seven percent of the sunflowers have emerged, compared to 93 percent last year and 95 percent for the 5-year average. Seven percent of sunflowers are in the bloom stage, compared to 12 percent last year and 14 percent for the average. Sunflower condition is rated 6 percent poor, 27 percent fair, 65 percent good, and 2 percent excellent. Ninety percent of the second cutting alfalfa has been harvested, compared to 92 percent for both last year and the average. Nine percent of the alfalfa has been cut for the third time, compared to 10 percent last year and 16 percent for the 5-year average. Cotton condition is reported to be 1 percent very poor, 1 percent poor, 21 percent fair, 64 percent good, and 13 percent excellent. Statewide, about 26 percent of the cotton is squaring. Some cotton was being treated for fleahoppers.

Pasture and Range Report: Pasture and range conditions are rated 7 percent very poor, 17 percent poor, 43 percent fair, 29 percent good, and 4 percent excellent. Stockwater supplies are rated 2 percent very short, 25 percent short, and 73 percent adequate. Feed grain supplies are rated 2 percent very short, 13 percent short, 82 percent adequate, and 3 percent surplus. Hay and forage supplies are rated 2 percent very short, 7 percent short, 86 percent adequate, and 5 percent surplus.

**Weather Data Library, KSU Research and Extension Service
Kansas Department of Agriculture**

CROP CONDITIONS FOR WEEK ENDING 07/13/03

| | Very Poor | Poor | Fair | Good | Excellent |
|-----------------|-----------|------|------|------|-----------|
| Corn | 1 | 8 | 24 | 56 | 11 |
| Sorghum | 1 | 6 | 31 | 57 | 5 |
| Soybeans | 0 | 2 | 30 | 60 | 8 |
| Range & Pasture | 7 | 17 | 43 | 29 | 4 |

CROP PROGRESS BY AGRICULTURAL STATISTICS DISTRICT AS OF 07/13/03

| | NW | WC | SW | NC | C | SC | NE | EC | SE | STATE | LAST WEEK | LAST YEAR | 5-YR AVG. |
|--------------|----|----|----|----|----|----|----|----|----|-------|-----------|-----------|-----------|
| Soyb Bloom | 3 | 12 | 5 | 12 | 41 | 52 | 51 | 29 | 14 | 33 | 15 | 30 | 41 |
| Corn Silking | 0 | 4 | 18 | 52 | 84 | 73 | 66 | 87 | 97 | 48 | 30 | 42 | 53 |

DAYS SUITABLE AND SOIL MOISTURE CONDITIONS FOR WEEK ENDING 07/13/03

| | NW | WC | SW | NC | C | SC | NE | EC | SE | STATE | LAST WEEK | LAST YEAR | |
|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|-----------|--|
| Days Suitable for Fieldwork | 7.0 | 6.8 | 6.8 | 6.9 | 6.9 | 6.8 | 6.7 | 6.3 | 5.9 | 6.6 | 6.6 | 6.3 | |
| Topsoil Moisture (Percent) | | | | | | | | | | | | | |
| Very Short | 14 | 3 | 10 | 20 | 8 | 7 | 2 | 6 | 1 | 7 | 3 | 35 | |
| Short | 68 | 44 | 58 | 42 | 48 | 67 | 52 | 59 | 29 | 51 | 41 | 39 | |
| Adequate | 18 | 52 | 31 | 38 | 44 | 26 | 43 | 35 | 68 | 41 | 55 | 26 | |
| Surplus | 0 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 2 | 1 | 1 | 0 | |
| Subsoil Moisture (Percent) | | | | | | | | | | | | | |
| Very Short | 32 | 14 | 22 | 14 | 5 | 3 | 1 | 6 | 1 | 9 | 5 | 31 | |
| Short | 49 | 54 | 51 | 58 | 50 | 45 | 56 | 38 | 20 | 46 | 36 | 37 | |
| Adequate | 19 | 32 | 27 | 28 | 43 | 52 | 43 | 56 | 79 | 45 | 59 | 31 | |
| Surplus | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |

TEMP. AND PRECIP. DATA, SELECTED SITES, FOR WEEK ENDING 07/13/03

| | | Soil Temp | | | | | | Soil Temp | | | | | |
|---------|----------|-----------|-----|--------|-----|--------|---------|-----------|----------|-----|--------|-----|--------|
| Station | | Air Temp | | 4 inch | | Precip | Station | | Air Temp | | 4 inch | | Precip |
| Dist | City | Max | Min | Max | Min | | Dist | City | Max | Min | Max | Min | |
| NW | Colby | 100 | 58 | 87 | 74 | 0.02 | SC | Hesston | 103 | 66 | 93 | 72 | 0.27 |
| WC | Tribune | 98 | 56 | 82 | 69 | 0.07 | NE | Powhatt | 95 | 61 | 93 | 73 | 0.07 |
| SW | Grdn Cty | 103 | 57 | 91 | 77 | 0.02 | NE | Manhat | 94 | 61 | 86 | 76 | 1.07 |
| NC | Scandia | 96 | 58 | 95 | 78 | 0.01 | EC | Ottawa | 96 | 62 | 91 | 75 | 0.36 |
| C | Hays | 100 | 59 | 97 | 76 | 0.01 | EC | Slvr Lk | 95 | 61 | 93 | 79 | 0.19 |
| SC | Hutch | 103 | 65 | 96 | 79 | 0.36 | EC | Rossvl | 93 | 60 | 85 | 76 | 0.27 |
| SC | St John | 107 | 59 | 83 | 76 | 0.00 | SE | Parsons | 92 | 66 | 85 | 67 | 0.68 |

Data collected by Automated Stations and may differ from official stations as shown on the map below. Automated stations report through midnight on Sunday. Official reporting station data are through 8:00 a.m. Sunday. The map data are collected by individuals (one or more per county).

PRECIPITATION FOR WEEK ENDING JULY 13, 2003

