



CROP PROGRESS AND CONDITION

Alabama Agriculture Counts!!



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More Rainfall Needed for More Crop Improvement

The data tables reflect the week ending: **July 15, 2007.**

CROP PROGRESS

| Crop | This Week | Last Week | 2006 | 5-Yr Avg. |
|----------------------|-----------|-----------|------|-----------|
| | Percent | | | |
| Corn Silked | 93 | 85 | 97 | 91 |
| Corn Dough | 46 | 17 | 63 | 45 |
| Cotton Squaring | 69 | 50 | 72 | 85 |
| Cotton Setting Bolls | 31 | 15 | 43 | 37 |
| Soybeans Emerged | 96 | 90 | 98 | 97 |
| Soybeans Blooming | 45 | 32 | 59 | 33 |
| Peanuts Pegged | 29 | 27 | 27 | 45 |

CROP/LVSTK CONDITION

| Crop | Very Poor | | | | |
|-----------------|-----------|------|------|------|---|
| | Poor | Fair | Good | Exc. | |
| | Percent | | | | |
| Corn | 58 | 24 | 15 | 3 | 0 |
| Cotton | 25 | 30 | 28 | 16 | 1 |
| Soybeans | 33 | 33 | 27 | 7 | 0 |
| Peanuts | 16 | 22 | 35 | 23 | 4 |
| Livestock | 37 | 26 | 24 | 13 | 0 |
| Pasture & Range | 36 | 32 | 23 | 9 | 0 |

TOP SOIL MOISTURE

| | Days Suitable | Very Short | | | |
|----------------------|---------------|------------|----------|---------|---|
| | | Short | Adequate | Surplus | |
| | | Percent | | | |
| District 10 | 4.6 | 35 | 44 | 21 | 0 |
| District 20 | 4.7 | 45 | 33 | 22 | 0 |
| District 30 | 5.1 | 28 | 40 | 32 | 0 |
| District 40 | 4.8 | 13 | 52 | 35 | 0 |
| District 50 | 3.8 | 0 | 16 | 80 | 4 |
| District 60 | 5.3 | 26 | 30 | 40 | 4 |
| State: Previous Week | 5.6 | 48 | 39 | 13 | 0 |
| State: Current Week | 4.9 | 27 | 39 | 33 | 1 |

EXTENSION/FSA COMMENTS: General: The drought conditions in Alabama, as reported by the U.S. Drought Monitor, improved after a third consecutive week of rainfall. The amount of land classified as suffering from exceptional drought conditions was 24.6 percent, an improvement of 17.3 percent from last week. Numerous counties across the state indicated that they received some much needed rainfall, and that pastures and hayfields greened up. Chuck Browne, Lee County Extension Agent, noted that erratic rainfall somewhat eased the drought situation, but marginally healthy trees in Lee County showed signs of stress, while lawns, pastures and hayfields greened back up. Average temperatures for the past week ranged from 3 degrees below to 4 degrees above normal. Daytime highs varied

from 86 degrees in Sand Mountain to 96 degrees in Headland. Overnight lows ranged from 61 degrees in Bridgeport to 71 degrees in Marion Junction, Montgomery, and Dothan. All weather stations reported receiving some rainfall over the past week. Thomasville recorded the least at 0.27 inches in one day, while Russellville totaled the most at 3.92 inches over a 4 day period. The year-to-date total at all weather stations remained below normal, with Cullman and Thorsby still more than 20 inches below normal for the year.

Corn/Soybeans: Even with the recent rain showers, the majority of the state's corn crop has already suffered irreparable damage and was not expected to perk up. However, some late-planted corn fields started to show signs of improvement. Most of Alabama's soybean crop was reported in very poor to poor condition during the past week, but showed improvement as only 66 percent fell into these categories compared with 79 percent last week. James D. Jones, Henry County Extension Agent, added that the soybean crop in the county was doing better, but more rainfall is needed to help the skippy stands catch up where emergence was still occurring.

Cotton/Peanuts: The majority of the state's cotton crop stayed in very poor or poor condition during the past week, but showed improvement as only 55 percent was rated in these categories compared to 68 percent a week ago. William Birdsong, Extension Agronomist at the Wiregrass Research and Extension Center, reported that cotton in the area is in three stages: a good stand with good potential, skippy stands leaving producers undecided about what to do with their crop, or very young cotton. Willie E. Datcher, Greene County Extension Agent, mentioned that the cotton in the county began to show signs of growth after the week's rainfall. Peanut crops showed progress during the past week, as 29 percent have reached the pegged stage.

Fruits/Nuts: Alabama's fruit and nut crops continued to fight against sporadic weather conditions in order to turn out a marketable product for growers. Monte Nesbitt, Research Horticulturist at the Gulf Coast Research and Extension Center, stated that the weather in the area has been "normal," with frequent afternoon thunderstorms. Disease pressure increased on all fruit and nut crops due to the high humidity and temperature levels. Scab severity on pecans was on the rise. Growers were encouraged to shorten the interval between fungicide cover sprays. Powdery mildew has been light so far this season. The Satsuma crop looked good, and no signs of rust mite injury have been reported. Greasy spot fungus on citrus fruits and fruit rot on muscadines and blackberries increased, and needed to be controlled with sprays.

Pasture/Hay/Livestock: Major progress was made to the range and pasture condition during the past week. After three weeks of rainfall, only 68 percent of Alabama pastures were reported in very poor or poor condition. Hayfields greened up, and producers expected to get a decent cutting of hay if the weather pattern holds. Livestock showed some improvement, as a more nutritious food source was available.

ALABAMA'S Weekly Crop Weather for the Period: Monday, July 9, 2007 To Sunday, July 15, 2007

| Weather Station | Air Temperatures | | | | Precipitation | | | Precipitation since Jan 1 | | | Avg. 4" | GDD Base 50 | | GDD Base 60 | |
|---|------------------|-----|-----|-----|---------------|-------|------|---------------------------|--------|----------|-----------|-------------|-----|-------------|-----|
| | High | Low | Avg | DFN | Total | DFN | Days | Total | DFN | % Normal | Soil Temp | Total | DFN | Total | DFN |
| District 10 Northwest Alabama - Tennessee Valley 32% of Corn Acreage, 32% of Cotton Acreage, 39% of Soybean Acreage. | | | | | | | | | | | | | | | |
| Muscle Shoals | 92 | 67 | 80 | 0 | 2.13 | 1.02 | 4 | 17.68 | -13.03 | 58 | | 209 | 102 | 139 | 0 |
| Russellville | 92 | 65 | 79 | 2 | 3.92 | 2.87 | 4 | 17.92 | -14.83 | 55 | | 208 | 84 | 138 | 0 |
| Belle Mina | 91 | 65 | 78 | 0 | 1.53 | 0.44 | 4 | 15.85 | -15.98 | 50 | 87 | 202 | 91 | 132 | 0 |
| Huntsville Ag | 90 | 66 | 78 | -2 | 0.84 | -0.31 | 3 | 15.73 | -17.48 | 47 | | 200 | 98 | 130 | 0 |
| Hamilton | 93 | 65 | 78 | 1 | 3.37 | 2.25 | 5 | 19.36 | -15.10 | 56 | | 202 | 91 | 132 | 0 |
| District 20 Northeast Alabama - Appalachian Foothills 21% of Corn Acreage, 5% of Cotton Acreage, 35% of Soybean Acreage. | | | | | | | | | | | | | | | |
| Anniston AP | 90 | 68 | 78 | -2 | 0.44 | -0.59 | 4 | 12.97 | -18.86 | 41 | | 199 | 101 | 129 | 0 |
| Cullman Ag | 88 | 65 | 76 | -3 | 0.66 | -0.52 | 3 | 14.26 | -20.27 | 41 | 78 | 187 | 90 | 117 | 0 |
| Sand Mountain | 86 | 65 | 75 | -2 | 1.28 | 0.16 | 4 | 17.52 | -15.05 | 54 | | 181 | 77 | 111 | 0 |
| Gadsden_AP | 90 | 66 | 77 | -2 | 1.64 | 0.45 | 5 | 13.73 | -19.64 | 41 | | 191 | 98 | 121 | 0 |
| Bridgeport | 92 | 61 | 75 | -3 | 1.60 | 0.39 | 4 | 17.89 | -16.44 | 52 | | 187 | 84 | 117 | 0 |
| Guntersville | 87 | 66 | 76 | -3 | 1.29 | 0.13 | 6 | 18.34 | -13.14 | 58 | | 193 | 98 | 123 | 0 |
| District 30 North Central Alabama - 10% of Corn Acreage, 4% of Cotton Acreage, 8% of Soybean Acreage, 71% of Peach Trees. | | | | | | | | | | | | | | | |
| Thorsby | 91 | 70 | 79 | 2 | 1.18 | -0.01 | 6 | 12.67 | -20.55 | 38 | 81 | 210 | 97 | 140 | 0 |
| Talladega | 90 | 67 | 77 | -2 | 0.66 | -0.49 | 5 | 15.26 | -19.00 | 45 | | 195 | 91 | 125 | 0 |
| Birmingham_AP | 91 | 70 | 79 | -1 | 1.32 | 0.07 | 6 | 14.84 | -17.26 | 46 | | 206 | 104 | 136 | 0 |
| Alabaster | 90 | 70 | 78 | -1 | 0.64 | -0.62 | 4 | 14.98 | -19.70 | 43 | | 200 | 98 | 130 | 0 |
| Pinson | 91 | 68 | 77 | -1 | 2.01 | 0.82 | 4 | 15.51 | -18.13 | 46 | | 196 | 87 | 126 | 0 |
| Opelika_Wtr_Plt | 91 | 66 | 78 | -2 | 0.73 | -0.67 | 3 | 22.85 | -11.09 | 67 | | 200 | 91 | 130 | 0 |
| Alexander_City | 92 | 68 | 79 | 1 | 1.84 | 0.57 | 4 | 17.33 | -16.57 | 51 | | 206 | 98 | 136 | 0 |
| Tuscaloosa_AP | 91 | 70 | 79 | -2 | 0.72 | -0.54 | 5 | 12.96 | -19.75 | 40 | | 207 | 112 | 137 | 0 |
| Jasper | 90 | 67 | 78 | 0 | 2.22 | 0.98 | 5 | 18.31 | -15.87 | 54 | | 200 | 91 | 130 | 0 |
| District 40 South Central Alabama - Black Belt 11% of Corn Acreage, 12% of Cotton Acreage, 9% of Soybeans Acreage, 21% of Pecan Trees. | | | | | | | | | | | | | | | |
| Union Springs | 93 | 67 | 80 | 0 | 1.09 | -0.22 | 6 | 17.51 | -15.21 | 54 | | 221 | 105 | 151 | 0 |
| Marion Junction | 91 | 71 | 80 | 0 | 1.20 | 0.07 | 3 | 16.69 | -15.58 | 52 | 82 | 213 | 105 | 143 | 0 |
| Montgomery_AP | 94 | 71 | 82 | 1 | 1.61 | 0.37 | 6 | 17.79 | -13.51 | 57 | | 224 | 112 | 154 | 0 |
| Livingston | 91 | 69 | 80 | -1 | 1.88 | 0.49 | 4 | 20.86 | -12.51 | 63 | | 211 | 105 | 141 | 0 |
| District 50 SW Alabama - Coastal Plain 6% of Corn Acreage, 20% of Cotton Acreage, 6% of Soybean Ac., 32% of Peanut Ac., 51% of Pecan Trees. | | | | | | | | | | | | | | | |
| Bay Minette | 94 | 68 | 82 | 1 | 1.37 | -0.41 | 3 | 26.68 | -10.47 | 72 | | 227 | 112 | 157 | 0 |
| Brewton_AG | 95 | 62 | 81 | 1 | 0.81 | -0.84 | 3 | 30.93 | -6.25 | 83 | 86 | 217 | 105 | 147 | 0 |
| Thomasville | 92 | 69 | 81 | 2 | 0.27 | -1.14 | 1 | 19.30 | -14.98 | 56 | | 230 | 105 | 160 | 0 |
| Mobile_Bates | 94 | 70 | 83 | 0 | 1.94 | 0.39 | 2 | 26.01 | -9.05 | 74 | | 228 | 119 | 158 | 0 |
| District 60 SE Alabama - Wiregrass 20% of Corn Ac., 27% of Cotton Acreage, 3% of Soybean Ac., 64% of Peanut Acreage, 23% of Pecan Trees. | | | | | | | | | | | | | | | |
| Eufaula_Wildlife | 92 | 70 | 81 | 1 | 0.92 | -0.28 | 3 | 23.62 | -7.09 | 77 | | 220 | 105 | 150 | 0 |
| Troy_Municipal | 93 | 70 | 81 | 2 | 0.31 | -1.06 | 6 | 22.34 | -8.76 | 72 | | 218 | 99 | 148 | 0 |
| Highland Home | 92 | 69 | 80 | 1 | 0.88 | -0.28 | 4 | 19.87 | -13.53 | 59 | | 217 | 104 | 147 | 0 |
| Geneva_Ag | 94 | 70 | 82 | 2 | 1.17 | -0.44 | 4 | 28.55 | -4.05 | 88 | 88 | 227 | 108 | 157 | 0 |
| Headland | 96 | 70 | 83 | 3 | 2.23 | 0.83 | 4 | 19.48 | -14.08 | 58 | 93 | 235 | 105 | 165 | 0 |
| Dothan | 95 | 71 | 83 | 4 | 1.56 | 0.16 | 3 | 18.94 | -13.95 | 58 | | 234 | 105 | 164 | 0 |

DFN = Departure From Normal (Using 1961-90 Normals Period). Precipitation (rain or melted snow/ice) in inches. Precipitation Days = Days with precip of 0.01 inch or more. Air and Soil Temperatures in Degrees Fahrenheit. PCT of Norm: Cumulative Rainfall since January 1 as a percent of normal (using 1961-90 normals period), 2007 Weather data prepared By AWIS, Inc. For more weather information visit www.awis.com or call 1-888-798-9955.

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