



NASS

FACT FINDERS FOR AGRICULTURE
UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C.

Weekly Weather and Crop Bulletin State Stories

Released July 6, 2011, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Weekly Weather and Crop Bulletin State Stories" call Julie Schmidt at (202) 720-7621, office hours 7:00 a.m. to 4:00 p.m. ET.

ALABAMA: Days suitable for fieldwork 5.6. Topsoil moisture 27% very short, 29% short, 41% adequate, and 3% surplus. Corn silked 71%, 88% 2010, and 81% five-year average. Corn condition 14% very poor, 22% poor, 33% fair, 30% good, and 1% excellent. Soybeans 95% planted, 97% 2010, and 96% five-year average. Soybeans 82% emerged, 86% 2010, and 86% five-year average. Soybeans blooming 3%, 19% 2010, and 19% five-year average. Soybean condition 4% very poor, 14% poor, 35% fair, 44% good, and 3% excellent. Winter wheat 98% harvested, 95% 2010, and 64% five-year average. Winter wheat condition 1% very poor, 4% poor, 13% fair, 57% good, and 25% excellent. Hay Harvested-First Cutting 95%, 94% 2010, and 96% five-year average. Livestock condition 4% very poor, 10% poor, 36% fair, 47% good, and 3% excellent. Pasture and range condition 16% very poor, 23% poor, 36% fair, 24% good, and 1% excellent. The average mean temperatures for the week ranged from 75.3 F in Valley Head, to 85.2 F in Dauphin Island. The total precipitation ranged from 0.04 inches in Birmingham, to 2.93 inches in Muscle Shoals. The rain received last week showed signs of crop improvement especially for corn and soybeans. Wheat crop in most parts of the state have been harvested. Pastures have improved as well, yet rain is still needed. The first cutting of hay has been completed, and cutting for some producers will begin in the coming weeks. Sweet corn is in poor condition because of dry conditions.

ALASKA: Days suitable for fieldwork 3.5. Topsoil moisture 5% short, 95% adequate. Subsoil moisture 20% short, 80% adequate. Crop growth 5% slow, 85% moderate, 10% rapid. Barley 30% headed. Condition of barley 5% very poor, 25% poor, 40% fair, 30% good. Oats 10% headed. Condition of oats 10% very poor, 15% poor, 35% fair, 40% good. Potatoes 100% emerged. Hay harvest 5% complete. Condition of all hay 5% very poor 10% poor, 45% fair, 40% good. Activities harvesting hay, CRP maintenance, equipment repair, irrigating, weed control.

ARIZONA: Temperatures were mostly above normal for the week ending July 3rd, ranging from 5 degrees below normal at Parker to 10 degrees above normal at Willcox. The highest temperature of the week was 118 degrees at Phoenix. The lowest reading was 38 degrees at both Flagstaff and Grand Canyon. There was precipitation recorded in seven of the twenty-two weather stations. The least amount precipitation was recorded in Coolidge with 0.01 inches. The most amount precipitation was recorded in Safford with 0.24 inches. All weather stations across the State except Kingman have below normal precipitation to date. Squaring has occurred on 70 percent of the State's cotton acreage, ahead of the 5-year average of 66 percent. Approximately 30 percent of the acreage has set bolls, mostly along the Colorado River area. The condition of the cotton crop varies from fair to excellent. Alfalfa condition is mostly good to excellent. Harvesting is active on over three-fourths of the acreage across the State. Arizona growers remained active with the harvest of onions, grapefruit, cantaloupes, honeydews and other miscellaneous melons. Range and pasture conditions continue to deteriorate across Arizona due to wind, high temperatures and the lack of much needed precipitation. Most rangeland is in very poor to fair condition. Stock tanks are drying out rapidly and hauling of water remains necessary.

ARKANSAS: Days suitable for fieldwork 6.3. Topsoil moisture 17% very short, 57% short, 26% adequate, 0% surplus. Subsoil moisture 17% very short, 49% short, 33% adequate, 1% surplus. Corn 88% silked, 98% 2010, 88% avg.; 28% dough, 47% 2010, 24% avg.; 5% dent, 13% 2010, 5% avg.; condition 11% very poor, 15% poor, 34% fair, 33% good, 7% excellent. Soybeans 99% planted,

99% 2010, 97% avg.; 5% setting pods, 18% 2010, 9% avg. Many producers were irrigating their crops in addition to dealing with pest and weather damage issues. High winds produced from the severe storms last week caused green snap in some corn fields. Yellow striped armyworms were reported in some soybean fields, while stink bugs were reported in some sorghum fields. Producers were also finishing up soybean planting. Tomato harvest continued last week as well in southern Arkansas. Livestock were in mostly fair to good condition last week. Some producers were beginning to implement their plans to reduce their herds due to the lack of forage. Pasture and range, and hay crop conditions declined again last week. Some producers were able to cut some hay last week.

CALIFORNIA: All crops made good developmental progress. Lygus levels were being monitored in cotton fields and producers were spraying fields as needed. Wheat for grain and other small grain crops continued to be harvested, but progress slowed at week's end for the holiday. Harvested wheat for silage was being replanted. Rice fields continue to develop while weed control progressed between precipitation events. Alfalfa growers paused their summer long cycle to allow weather affected areas to dry out, so that baling could resume. The Valencia orange and grapefruit harvests continued as the late navel orange harvest neared completion. The blueberry and strawberry harvests were ongoing. Grape vineyards across the state were thinned and were sprayed with sulfur applications to treat powdery mildew. The stone fruit harvest, including peaches, nectarines, plums, and apricots, was ongoing. Apples, kiwis, and pomegranates were growing well. Almonds continued to develop well as growers began planning hull split sprays. Overall pest activity continued to be limited in both almond and pistachio orchards. Codling moth, weed control, and fungus treatments were ongoing in walnut orchards. Kern County reported carrots and organic vegetables were being harvested. Tulare County reported commercial tomato and pepper plants were growing well with the hot temperatures. Fresno County reported dehydrator onions and carrots preparing for harvest. Processing tomatoes were growing well, though some yellow stripe armyworms and stink bugs were found in fields. Harvest could start as early as July 12th in some fields. San Joaquin County reported onions were being harvested, and tomatoes were being weeded. Sutter County reported good growth of crops in response to the warm temperatures. Siskiyou County reported the onion crop was about 6 inches, and appeared well in shape. Non-irrigated pasture and rangeland were reported to be in good to fair condition. Range has begun to dry as grasses matured. Higher elevation range was reported to still be wet due to snowmelt. Supplemental feeding of livestock continued to decline. Bees were moving into sunflower fields to pollinate the flowers.

COLORADO: Days suitable for field work 6.6. Topsoil moisture 10% very short, 36% short, 53% adequate, 1% surplus. Subsoil moisture 14% very short, 28% short, 58% adequate, 0% surplus. Winter wheat 79% turning color, 92% 2010, 93% avg.; 34% ripe, 42% 2010, 57% avg. Spring barley 72% headed, 78% 2010, 73% avg.; condition 2% poor, 38% fair, 51% good, 9% excellent. Spring wheat 63% headed, 69% 2010, 65% avg.; condition 7% poor, 42% fair, 42% good, 9% excellent. Alfalfa 91% 1st cutting, 92% 2010, 91% avg.; 4% 2nd cutting, 8% 2010, 12% avg.; condition 1% very poor, 9% poor, 29% fair, 52% good, 9% excellent. Dry Beans 76% emerged, 98% 2010, 83% avg.; condition 4% very poor, 10% poor, 54% fair, 27% good, 5% excellent. Dry onions condition 1% very poor, 2% poor, 8% fair, 84% good, 5% excellent. Sugarbeets condition 1% very poor, 2% poor, 31% fair, 59% good, 7%

excellent. Fall potatoes 97% emerged, 99% 2010, 98% avg.; condition 1% very poor, 5% poor, 51% fair, 36% good, 7% excellent. Summer potatoes 95% emerged, 100% 2010, 97% avg.; condition 4% very poor, 2% poor, 53% fair, 37% good, 4% excellent. Sunflowers condition 1% poor, 39% fair, 59% good, 1% excellent. Livestock condition 2% poor, 14% fair, 75% good, 9% excellent. Colorado received some precipitation last week in the form of scattered showers in the northern mountainous areas, but very limited precipitation has been reported in the southern regions. Temperatures were above average across the State. Sporadic precipitation came with some hail and strong winds for the eastern regions of the State. The limited rainfall and warmer temperatures continue to cause concern for range conditions. The mountain snowpack is still above average with reports of flooding in the northern parts of the State but the southern region is reporting very dry conditions.

DELAWARE: Days suitable for fieldwork 6.2. Topsoil moisture 25% very short, 30% short, 45% adequate, 0% surplus. Subsoil moisture 12% very short, 38% short, 50% adequate, 0% surplus. Hay supplies 0% very short, 7% short, 80% adequate, 13% surplus. Other hay second cutting 50% , 57% 2010, 45% avg. Alfalfa hay second cutting 60%, 67% 2010, 64% avg. Pasture condition 10% very poor, 20% poor, 20% fair, 50% good, 0% excellent. Corn condition 3% very poor, 17% poor, 35% fair, 40% good, 5% excellent. Soybean condition 2% very poor, 8% poor, 27% fair, 57% good, 6% excellent. Winter wheat condition 0% very poor, 2% poor, 18% fair, 62% good, 18% excellent. Barley condition 1% very poor, 2% poor, 20% fair, 55% good, 22% excellent. Apple condition 0% very poor, 1% poor, 5% fair, 89% good, 5% excellent. Peach condition 1% very poor, 1% poor, 8% fair, 87% good, 3% excellent. Corn 100% emerged, 100% 2010, 99% avg. Corn silked 30%, 30% 2010, 17% avg. Corn dough 1%, 1% 2010, 1% avg. Soybeans 96% planted, 99% 2010, 88% avg. Soybeans 90% emerged, 99% 2010, 73% avg. Soybeans blooming 6%, 9% 2010, 4% avg. Soybeans setting pods 1%, 0% 2010, 0% avg. Barley 100% harvested, 100% 2010, 72% avg. Winter wheat 96% harvested, 91% 2010, 61% avg. Cantaloups 100% planted, 100% 2010, 93% avg.; 2% harvested, 3% 2010, 3% avg. Cucumbers 70% planted, 97% 2010, 75% avg.; 12% harvested, 13% 2010, 8% avg. Green peas 100% harvested, 98% 2010, 88% avg. Lima Beans 91% planted, 84% 2010, 73% avg.; 3% harvested, 0% 2010, 0% avg. Snap beans 85% planted, 98% 2010, 91% avg.; 10% harvested, 28% 2010, 13% avg. Sweet corn 98% planted, 99% 2010, 91% avg.; 4% harvested, 4% 2010, 4% avg. Tomatoes 100% planted, 100% 2010, 97% avg.; 5% harvested, 3% 2010, 2% avg. Watermelons 100% planted, 100% 2010, 95% avg.; 1% harvested, 2% 2010, 2% avg. Apples 10% harvested, 0% 2010, 1% avg. Peaches 13% harvested, 0% 2010, 7% avg.

FLORIDA: Topsoil moisture 9% very short, 35% short, 52% adequate, 4% surplus. Subsoil moisture 15% very short, 34% short, 47% adequate, 4% surplus. Peanut 34% pegged, 35% 2010, 41% 5-yr avg. Peanut condition declined; pegging increased. Field crops stressed due to drought. Washington County soybeans responded to recent rains, corn did not. Gadsden County corn unresponsive to rain, could not pollinate due to heat and drought. Water restrictions have sugarcane growers concerned. Little vegetable activity. Western, central areas tomato harvesting, movement decreasing for season. USDA, AMS market movement avocados, okra, tomatoes. Ten citrus packinghouses, 5 processors still open. Grove activity resetting new trees, young tree care, applying herbicides, hedging and topping, brush removal, fertilizer application. Pasture Condition 1% very poor, 20% poor, 35% fair, 41% good, 3% excellent. Cattle Condition 1% very poor, 9% poor, 45% fair, 40% good, 5% excellent. Statewide pasture condition mostly fair to good, improved in all areas following seasonal rains. Drought limiting factor to grass growth. Overall, cattle condition mostly fair to good, improved from previous week. Panhandle pasture, cattle condition very poor to good, most poor to fair. Scattered rains brought relief, many locations suffering from drought. North pasture, cattle condition ranged from poor to good. Central pasture, cattle condition ranged from poor to excellent, most fair to good. Summer rains improved pasture condition. Southwest pasture, cattle condition ranged from poor to good, most good. Rain raised water level in stock ponds.

GEORGIA: Days suitable for fieldwork 5.9. Topsoil moisture 21% very short, 38% short, 40% adequate, 1% surplus. Subsoil moisture 28% very short, 44% short, 27% adequate, 1% surplus. Range and pasture 23% very poor, 27% poor, 34% fair, 15% good,

1% excellent. Blueberries 92% harvested, N/A 2010, N/A avg. Corn 13% very poor, 22% poor, 30% fair, 23% good, 12% excellent. Cotton 17% very poor, 27% poor, 37% fair, 16% good, 3% excellent. Cotton Squaring 51%, 68% 2010, 60% avg. Cotton Setting Bolls 17%, 19% 2010, 14% avg. Hay 18% very poor, 31% poor, 35% fair, 15% good, 1% excellent. Peaches 79% Harvested, 46% in 2010, 50% avg. Peanuts 6% very poor, 24% poor, 41% fair, 24% good, 5% excellent. Peanuts blooming 65%, 76% in 2010, 65% avg. Peanuts Pegging 29%, 39% in 2010, 31% avg. Pecans 9% very poor, 26% poor, 43% fair, 16% good, 6% excellent. Sorghum 9% very poor, 20% poor, 57% fair, 14% good, 0% excellent. Sorghum 71% planted, 85% in 2010, 85% avg. Soybeans 6% very poor, 20% poor, 55% fair, 19% good, 0% excellent. Soybeans 90% planted, 95% 2010, 95% avg. Tobacco 4% very poor, 19% poor, 55% fair, 19% good, 3% excellent. Tobacco 10% Harvested, 3% 2010, 4% avg. Watermelons 81% harvested, 72% in 2010, 60% avg. Precipitation estimates for the State ranged from no rain up to 4 inches. The week's average temperatures ranged from the mid 70s to the mid 80s.

HAWAII: Days suitable for fieldwork 7. Soil moisture was at short to adequate levels. Skies were generally partly sunny. Trade winds were blowing at moderately strong levels throughout the week. Associated rains generally fell over the windward and mountain areas. Trades were strong enough at times that showers were carried over to the leeward side. The National Drought Monitor showed that overall conditions remained unchanged from the previous two weeks. The only counties that continued to see any level of drought was Hawaii and Maui. Crops were in generally fair condition throughout the week, but varied based on location.

IDAHO: Days suitable for field work 6.7. Topsoil moisture 0% very short, 3% short, 82% adequate, 15% surplus. Field corn 100% emerged, 100% 2010, 100% avg. Winter wheat boot stage 95%, 100% 2010, 99% avg. Winter wheat turning color 8%, 6% 2010, 17% avg. Spring wheat jointed 94%, 95% 2010, 95% avg. Spring wheat boot stage 69%, 71% 2010, 78% avg. Barley jointed 93%, 96% 2010, 94% avg. Barley boot stage 68%, 60% 2010, 69% avg. Potatoes 12 inches high 54%, 35% 2010, 61% avg. Potatoes closing middles 15%, 12% 2010, 23% avg. Oats 94% emerged, 100% 2010, 100% avg. Dry peas 98% planted, 100% 2010, 100% avg.; 95% emerged, 100% 2010, 100% avg. Lentils 95% emerged, 100% 2010, 100% avg. Dry beans 98% emerged, 97% 2010, 98% avg. Alfalfa hay 1st cutting harvested 73%, 80% 2010, 84% avg.; 2nd cutting harvested 0%, 4% 2010, 12% avg. Irrigation water supply 0% very poor, 0% poor, 0% fair, 28% good, 72% excellent. Potato condition 0% very poor, 0% poor, 26% fair, 58% good, 16% excellent. Weather conditions improved significantly during the week ending July 3. Warmer weather advanced winter wheat headed to seventy six percent which was a twenty six percentage point improvement from last week. Spring wheat and barley headed improved to twenty seven and twenty three percentage points, respectively. The first cutting of alfalfa, at seventy three percent complete, advanced eleven percentage points over the week. No second cutting of alfalfa was reported. Most cereal grains are in mostly good to excellent condition. Potatoes are in mostly good to excellent condition.

ILLINOIS: Days suitable for fieldwork 4.8. Topsoil moisture 1% very short, 5% short, 59% adequate, 35% surplus. Corn average height 48 inches, 65 inches last year, 54 inches five year average. Soybeans 2% setting pods, 2% last year, 1% five year average. Wheat 94% ripe, 95% last year, 91% five year average. Oats 80% filled, 86% last year, 80% five year average; 38% turning yellow, 63% last year, 43% five year average; 10% ripe, 25% last year, 15% five year average; 4% harvested, 10% last year, 6% five year average; Alfalfa 97% first cut, 98% last year, 98% five year average. Alfalfa condition 1% very poor, 4% poor, 20% fair, 62% good, 13% excellent. Hot and dry conditions allowed for progress in wheat harvesting, corn and soybean spraying, and hay baling across much of the state. Weather conditions were near normal this week with average statewide temperatures of 75.7 degrees and average precipitation of 0.87 inches. The norm for this time period is 74.5 degrees and 1.0 inch of rainfall.

INDIANA: Days suitable for fieldwork 4.8. Topsoil moisture 6% short, 70% adequate, 24% surplus. Subsoil moisture 3% short, 71% adequate, 26% surplus. Corn condition 3% very poor, 8% poor, 31% fair, 44% good, 14% excellent. Soybeans 98% planted, 98% 2010, 99% avg.; 94% emerged, 95% 2010, 96% avg.; blooming 3%, 21% 2010, 10% avg.; condition 3% very poor, 8% poor, 32%

fair, 46% good, 11% excellent. Winter wheat 39% harvested, 66% 2010, 50% avg.; condition 3% very poor, 10% poor, 30% fair, 46% good, 11% excellent. Pasture condition 1% very poor, 5% poor, 26% fair, 52% good, 16% excellent. First cutting alfalfa 97%, 96% 2010, 98% avg. Second cutting alfalfa 15%, 20% 2010, 27% avg. Temperatures ranged from 5o below normal to 2o above normal with a low of 51o and a high of 95o. Precipitation ranged from 0.01 inches to 3.98 inches. Winter wheat harvest continued to move northward but has been slow to progress because of wet field conditions. Several fields of double-crop soybeans were being planted as soon as possible after harvest of the wheat crop. Isolated thunderstorms producing heavy rain, wind and hail caused damage to crops in some areas during the week. A few of the last fields of tobacco were set in southern counties over the weekend. Farmers were also busy cutting and baling hay, spraying herbicides and applying nitrogen to corn as weather permitted. Seed corn growers in some northern counties were running irrigation systems in areas that have dried out lately. Other activities included mowing roadsides and ditches, certifying crop acreage with FSA, replanting drowned out spots, hauling grain to market and taking care of livestock.

IOWA: Days suitable for fieldwork 5.1. Topsoil moisture 0% very short, 5% short, 81% adequate, and 14% surplus. Subsoil moisture 0% very short, 3% short, 78% adequate, and 19% surplus. Although Iowa saw some precipitation early and late in the week, the bulk of the week was dry and sunny. With sunshine and heat came comments of both seeing and hearing the corn grow. Even the extreme heat did not seem to cause significant stress to crops as moisture levels remain adequate to surplus in most areas.

KANSAS: Days suitable for fieldwork 6.6. Topsoil moisture 29% very short, 31% short, 39% adequate, 1% surplus. Subsoil moisture 27% very short, 31% short, 42% adequate. Winter wheat matured 97%, 97% 2010, 97% avg. Sorghum 88% emerged, 91% 2010, 88% avg. Sunflowers 74% emerged, 70% 2010, 69% avg.; condition 2% very poor, 3% poor, 45% fair, 46% good, 4% excellent. Alfalfa second cutting 66%, 72% 2010, 63% avg. Feed grain supplies 4% very short, 12% short, 79% adequate, 5% surplus. Hay and forage supplies 9% very short, 22% short, 67% adequate, 2% surplus. Stock water supplies 12% very short, 16% short, 71% adequate, 1% surplus. Triple digit temperatures and limited rainfall across Kansas last week helped wheat harvest move toward completion but contributed to the decline in the condition of the State's row crops. High temperatures ranged from 114 degrees at Ashland and 113 degrees at Wilmore to 97 degrees at Horton. Oberlin received the most rain with 2.01 inches, followed by Horton with 1.27 inch, and Holton with 1.10 inches, the only stations that received over an inch of moisture. Overall, precipitation was very light as only 14 of the 52 stations received a half inch of rain or more and 19 stations received less than a one tenth. Farmer's primary activities last week were harvesting wheat and hay, spraying herbicides, irrigating, and finishing planting of row crops. Wheat producers in the West Central and Northeast Districts made tremendous progress as they combined over 60 percent of their wheat last week, leaving only the Northwest district below 60 percent with only 22 percent harvested. The hot, dry weather has continued to take a toll on pastures, along with the stock water pond levels, forcing some producers to sell additional livestock and haul water.

KENTUCKY: Days suitable fieldwork 4.9. Topsoil 8% short, 78% adequate, 14% surplus. Subsoil moisture 5% short, 83% adequate, 12% surplus. Precipitation totaled 0.46 inches, 0.53 in. below normal. Temperatures averaged 75 degrees, 2 degrees warmer than the previous week. Corn 28% tasseling. Soybeans 95% planted. Wheat 85% harvested. Condition of tobacco set, 1% very poor, 3% poor, 23% fair, 57% good, 16% excellent. Height of set tobacco plants 44% < 12 in, 37% 12-24 in., 19% > 24 inches. Temperatures this past week got hot enough to put livestock heat stress in the danger category during the afternoon hours.

LOUISIANA: Days suitable for fieldwork 6.4. Soil moisture 26% very short, 45% short, 28% adequate, 1% surplus. Corn doughed 83%, 74% 2010, 72% avg.; 11% very poor, 17% poor, 28% fair, 34% good, 10% excellent. Sweet Potato 88% planted, 98% 2010, 98% avg. Peaches 40% harvested, 46% 2010, 52% avg. Hay first cutting 99%, 98% 2010, 96% avg.; Second cutting 26%, 16% 2010, 22% avg. Sugarcane 11% very poor, 21% poor, 33% fair, 28% good, 7% excellent. Livestock 6% very poor, 16% poor, 43% fair, 34% good, and 1% excellent. Vegetables 10% very poor, 19% poor, 46% fair,

24% good, and 1% excellent. Range and Pasture 19% very poor, 36% poor, 37% fair, 7% good, and 1% excellent.

MARYLAND: Days suitable for fieldwork 6.9. Topsoil moisture 18% very short, 44% short, 35% adequate, 3% surplus. Subsoil moisture 17% very short, 40% short, 40% adequate, 3% surplus. Hay supplies 0% very short, 4% short, 96% adequate, 0% surplus. Other Hay second cutting 65%, 71% 2010, 38% avg. Alfalfa Hay second cutting 85%, 88% 2010, 69% avg.; third cutting 3%, 0% 2010, 1% avg. Pasture condition 10% very poor, 20% poor, 35% fair, 33% good, 2% excellent. Corn condition 9% very poor, 10% poor, 31% fair, 46% good, 4% excellent. Soybean condition 7% very poor, 13% poor, 30% fair, 43% good, 7% excellent. Winter wheat condition 0% very poor, 1% poor, 9% fair, 72% good, 18% excellent. Barley condition 0% very poor, 0% poor, 7% fair, 75% good, 18% excellent. Apple condition 0% very poor, 0% poor, 15% fair, 85% good, 0% excellent. Peach condition 0% very poor, 0% poor, 10% fair, 89% good, 1% excellent. Corn 100% emerged, 100% 2010, 99% avg. Corn silked 20%, 37% 2010, 21% avg. Corn dough 1%, 9% 2010, 2% avg. Soybeans 92% planted, 85% 2010, 87% avg.; 85% emerged, 90% 2010, 84% avg. Soybeans blooming 3%, 10% 2010, 3% avg. Barley 99% harvested, 100% 2010, 80% avg. Winter wheat 80% harvested, 86% 2010, 59% avg. Cantaloups 90% planted, 92% 2010, 91% avg.; 10% harvested, 4% 2010, 5% avg. Cucumbers 87% planted, 82% 2010, 73% avg.; 45% harvested, 24% 2010, 13% avg. Green Peas harvested 96%, 99% 2010, 90% avg. Lima Beans 85% planted, 72% 2010, 72% avg.; 10% harvested, 0% 2010, 3% avg. Snap beans 80% planted, 100% 2010, 83% avg.; 21% harvested, 17% 2010, 10% avg. Sweet corn 92% planted, 99% 2010, 95% avg.; 14% harvested, 11% 2010, 7% avg. Tomatoes 98% planted, 100% 2010, 97% avg.; 11% harvested, 4% 2010, 4% avg. Watermelons 97% planted, 98% 2010, 96% avg.; 2% harvested, 2% 2010, 1% avg. Peaches 3% harvested, 0% 2010, 2% avg.

MICHIGAN: Days suitable for fieldwork 6. Topsoil 2% very short, 16% short, 75% adequate, 7% surplus. Subsoil 1% very short, 13% short, 76% adequate, 10% surplus. Winter Wheat turning 84%, 94% 2010, 85% avg. Barley 0% very poor, 1% poor, 41% fair, 53% good, 5% excellent; 100% planted, 100% 2010, 100% avg.; 100% emerged, 100% 2010, 100% avg. Barley headed 63%, 92% 2010, 27% avg. Oats 1% very poor, 3% poor, 32% fair, 52% good, 12% excellent; 68% headed, 93% 2010, 85% avg. All hay 1% very poor, 3% poor, 17% fair, 50% good, 29% excellent. First cutting hay 81%, 84% 2010, 86% avg. Second cutting hay 8%, 25% 2010, 18% avg. Dry beans 3% very poor, 9% poor, 33% fair, 42% good, 13% excellent. Dry beans 98% emerged, 95% 2010, 89% avg. Strawberries 98% harvested, 84% 2010, 76% avg. Blueberries harvested 5%, 13% 2010, 5% avg. Tart cherries 0% harvested, 14% 2010, 14% avg. Precipitation ranged from 0.06 inches to 0.14 inches Upper Peninsula and 0.06 to 0.97 inches Lower Peninsula. Temperatures 1 degree above normal Upper Peninsula and ranged from 1 degree below normal to 2 degrees above normal Lower Peninsula. Warm temperatures at end of week, coupled with dry weather, allowed for crops to make progress. Passing thunderstorms late week provided hit or miss showers. It a decent week for field crop advancement as crops took advantage of warmer weather. Farmers busy applying herbicides and fungicides. Alfalfa growers finished up first cutting amongst a decent window to harvest; some have moved onto second cutting. Crop conditions have been very good. Wheat continued progressing toward harvest. A few fields lodged after high wind. Wind also caused minimal damage to sugarbeets; they were responding well to warmer temperatures and sunshine. Corn and soybeans continued to make progress. Dry bean planting nearing completion with several acres being replanted due to drownout. Apple size excellent and crop had normal fruit set Grand Rapids area. Growers sprayed for apple scab protection and hand thinned some varieties. Tart cherry growers southwest applied ethephon anticipation of harvest. Significant localized crop damage from storms. Harvest of early varieties of sweet cherries underway south. Juice grapes pea-sized. Heavy crop will likely need to be thinned to ripen on time. Hybrids wine grapes blooming northwest. Blueberry harvest began southwest. Control of alternaria and anthracnose fruit rot a major concern. Strawberry harvest ended south; in full swing northwest. Plums inch diameter south. Peaches about 1.50 inches diameter southwest. Red Haven harvest is anticipated to begin there at normal time, August 4. Summer raspberry harvest began. Vegetable crops benefited from warm weather towards end of this past week. Rain needed some areas. Growers continued to

monitor for pests. So far this year, pest pressure has been light to moderate. Asparagus harvest complete. Carrot stands adequate but varied depending on conditions. Tomatoes setting fruit and continued to be staked and tied. Celery still being transplanted, while harvest of some early planted celery beginning. Condition of onion crop varied. Some fields good condition, while others had thin stands from excessive soil moisture this spring. Weed control is issue for some farmers. Peas continued to be harvested southwest. Harvest of cabbage had started, and some transplanting still being done. Lettuce, beets, turnips and radishes progressing nicely and fair to very good condition. Vine crops flowering and appeared to be doing well with some thin stands from overage of water. Warmth has spurred growth of sweet corn. Snap beans continued to progress.

MINNESOTA: Days suitable for fieldwork 5.1. Topsoil moisture 2% Short, 70% adequate, 28% surplus. Pasture condition 1% very poor, 2% poor, 12% fair, 59% good, 26% excellent. Corn Height 25 inches, 45 inches 2010, 43 inches avg. Soybean Height 7 inches, 12 inches 2010, 11 inches avg. Canola condition 0% very poor, 6% poor, 30% fair, 63% good, 1% excellent. Green Peas condition 3% very poor, 13% poor, 36% fair, 37% good, 11% excellent. Sweet corn 96% planted, 98% 2010, 99% avg. Dry Edible Beans 99% emerged, NA 2010, NA avg.; 1% Blooming, NA 2010, NA avg.; condition 0% very poor, 7% poor, 34% fair, 45% good, 14% excellent. Potato condition 0% very poor, 2% poor, 13% fair, 55% good, 30% Excellent. Alfalfa 88% First Cutting, 90% 2010, 94% avg.; condition 1% very poor, 3% poor, 15% fair, 63% good, 18% excellent. Spring Wheat 83% Jointing, 96% 2010, 92% avg. Barley 79% Jointing, 97% 2010, 91% avg. Oats 88% Jointing, 100% 2010, 96% avg.; 0% Turning Ripe, 17% 2010, 10% avg. Sugarbeet condition 1% very poor, 5% poor, 34% fair, 50% good, 10% excellent. Sunflower condition 0% very poor, 5% poor, 50% fair, 40% good, 5% excellent. Several consecutive days of hot, dry weather was beneficial for crop development and fieldwork. Reports indicated that crops responded well to sunshine and warm temperatures across most of the state. However, reports from northern areas stated that crops were showing signs of stress from surplus moisture. Haying and spraying resumed in areas after being postponed by wet conditions. Temperatures on Thursday and Friday were in the 90's with dew points in the 70's. This combination created humid conditions that developed into severe thunderstorms Friday evening. A line of storms passed through central and southern areas of the state and included strong winds and reports of localized hail. Sunshine returned over the weekend.

MISSISSIPPI: Days suitable for fieldwork 5.9. Soil moisture 21% very short, 32% short, and 47% adequate. Corn 94% silked, 98% 2010, 96% avg.; 50% dough, 64% 2010, 57% avg.; 14% very poor, 11% poor, 35% fair, 27% good, 13% excellent. Cotton 100% emerged, 100%, 2010, 100% avg.; 73% squaring, 90% 2010, 82% avg.; 7% setting bolls, 40% 2010, 26% avg.; 6% very poor, 9% poor, 23% fair, 49% good, 13% excellent. Peanuts 58% pegging, 48% 2010, 37% avg. 0% very poor, 0% poor, 36% fair, 61% good, 3% excellent. Rice 4% heading, 16% 2010, 6% avg.; 0% very poor, 2% poor, 35% fair, 51% good, 12% excellent. Sorghum 100% planted, 100% 2010, 100% avg.; 99% emerged, 100% 2010, 100% avg.; 22% heading, 31% 2010, 46% avg.; 1% very poor, 4% poor, 28% fair, 63% good, 4% excellent. Soybeans 100% planted, 100% 2010, 100% avg.; 99% emerged, 100% 2010, 100% avg.; 55% blooming, 72% 2010, 78% avg.; 3% very poor, 7% poor, 25% fair, 55% good, 10% excellent. Hay (harvested-warm) 52%, 46% 2010, 47% avg.; 5% very poor, 26% poor, 48% fair, 20% good, 1% excellent. Sweetpotatoes 96% planted, 97% 2010, 90% avg.; 0% very poor, 5% poor, 25% fair, 53% good, 17% excellent. Watermelons 40% harvested, 66% 2010, 55% avg.; 0% very poor, 15% poor, 37% fair, 47% good, 1% excellent. Blueberries 0% very poor, 12% poor, 27% fair, 54% good, 7% excellent. Cattle 0% very poor, 18% poor, 42% fair, 35% good, 5% excellent. Pasture 10% very poor, 31% poor, 37% fair, 18% good, 4% excellent. Mississippi celebrated Independence Day with fireworks and irrigation. As cotton and soybeans move into blooming and fruiting stages the need for rainfall is more urgent. Rain fell last Wednesday and scattered showers fell over the delta and southwestern part of the state this weekend, but we are still in need of moisture.

MISSOURI: Days suitable for fieldwork 5.2. Topsoil moisture 5% very short, 21% short, 63% adequate, 11% surplus. Subsoil moisture 1% very short, 17% short, 75% adequate, 7% surplus. Precipitation 1.39 in. Alfalfa hay 1st cutting 94%. Alfalfa hay 2nd

cutting 45%. Other hay cut 74%. Hay and other roughage supply 7% short, 87% adequate, and 6% surplus. Stock water supplies 2% short, 92% adequate, 6% surplus. Temperatures were 2 to 5 degrees above average across the state. Warm wet weather aided crop development across the northern portion of the state, but the southern districts were warm and dry. Producers harvested wheat and hay and sprayed corn and soybeans. Pasture condition decreased across the central and southern districts due to warm dry weather. Flooding continued along the Missouri River in Atchison, Holt, Carroll, and Chariton counties.

MONTANA: Topsoil moisture 0% very short, 0% last year; 3% short, 8% last year; 67% adequate, 77% last year; 30% surplus, 15% last year. Subsoil moisture 0% very short, 1% last year; 1% short, 8% last year; 67% adequate, 81% last year; 32% surplus, 10% last year. Winter wheat condition 2% very poor, 0% last year; 6% poor, 2% last year; 19% fair, 19% last year; 55% good, 53% last year; 18% excellent, 26% last year. Winter wheat boot stage 91%, 97% last year. Winter wheat headed 68%, 74% last year. Barley condition 1% very poor, 0% last year; 5% poor, 1% last year; 22% fair, 19% last year; 58% good, 54% last year; 14% excellent, 26% last year. Barley 100% planted, 100% last year. Barley 98% emerged, 100% last year. Barley boot stage 19%, 72% last year. Corn emerged 97%, 100% last year. Dry peas blooming 35%, 66% last year. Durum wheat condition 0% very poor, 0% last year; 1% poor, 0% last year; 18% fair, 19% last year; 35% good, 61% last year; 46% excellent, 20% last year. Durum wheat 97% emerged, 99% last year. Durum wheat boot stage 3%, 37% last year. Lentils 99% emerged, 100% last year. Lentils blooming 23%, 40% last year. Oats condition 0% very poor, 0% last year; 3% poor, 2% last year; 27% fair, 14% last year; 65% good, 68% last year; 5% excellent, 16% last year. Oats 100% planted, 100% last year. Oats 98% emerged, 100% last year. Oats boot stage 19%, 65% last year. Spring wheat condition 2% very poor, 0% last year; 4% poor, 1% last year; 38% fair, 21% last year; 49% good, 58% last year; 7% excellent, 20% last year. Spring wheat 95% emerged, 100% last year. Spring wheat boot stage 15%, 63% last year. Alfalfa hay harvested first cutting 23%, 30% last year. Other hay harvested first cutting 20%, 26% last year. Range and pasture feed condition 0% very poor, 0% last year; 3% poor, 4% last year; 12% fair, 14% last year; 39% good, 52% last year; 46% excellent, 30% last year. Sheep and lambs moved to summer ranges 99%, 97% last year. Temperatures across Montana continued to climb, and precipitation was slightly below normal during the week ending July 3rd. Albion received the most weekly accumulated precipitation with 0.88 inches. High temperatures were primarily in the mid to uppers 80s and low 90s, with lows scattered from the mid 30s to upper 40s. Hardin had the high temperature of 101 degrees, while Broadus also reached 100 degrees. West Yellowstone had the weekly low temperature at 27 degrees, while Cooke City was the only other station reporting a low below freezing at 29 degrees.

NEBRASKA: Days suitable for fieldwork 5.6. Topsoil moisture 1% very short, 9% short, 85% adequate, and 5% surplus. Subsoil moisture 1% very short, 10% short, 83% adequate, and 6% surplus. Winter wheat turning color 84%, 87% 2010, 92% avg. Winter wheat ripe 19%, 26% 2010, 43% avg. Likely start of Wheat harvest in southern Panhandle counties is mid July. Dry beans 99% emerged, 94% 2010, 95% avg. Dry Bean conditions 1% very poor, 9% poor, 24% fair, 57% good, and 9% excellent. Proso millet planted 98%, 94% 2010, 90% avg. Alfalfa first cutting 95% complete, 98% 2010, 98% avg. Alfalfa second cutting 18% complete, 31% 2010, 32% avg. Alfalfa conditions 0% very poor, 2% poor, 13% fair, 73% good, and 12% excellent. Wild hay harvested 30% complete, 32% 2010. Wild hay conditions 0% very poor, 1% poor, 24% fair, 64% good, and 11% excellent. Sunshine and warm temperatures gave a boost to growing crops and allowed wheat harvest to begin in parts of south and east. Crop spraying was active and baling hay continues across the state. Producers in some South Central counties were irrigating crops due to dry conditions. Temperatures averaged 1 degree below normal. Highs reached triple digits across the state. Lows were recorded in the 40's and 50's statewide. All districts received rain. Largest accumulations were recorded in the Northeast and Southeast Districts and smallest in the southwest.

NEVADA: Days suitable for fieldwork 7. Warm weather early in the week dipped slightly as a low pressure system past across the state before warming quickly into the weekend. Some stream and river flows were still heightened. Weekly average temperatures ranged from normal to 6 degrees above normal. Las Vegas

recorded a high temperature of 111 degrees and temperatures reached the upper nineties in most areas. Precipitation was scattered. Las Vegas recorded 0.74 inches. Warm weather kick-started forage and crop growth. Virtually all crop acreage reached full emergence. The dry weather permitted excellent progress of haying. First cutting of alfalfa was well along in the north. Alfalfa cutting helped control aphid and other pests. Pastures and ranges showed good growth. Cheat grass was curing out. Livestock were doing well on abundant seasonal range. Main farm and ranch activities included haying, weed and pest control, fertilizing, irrigation, equipment maintenance, and livestock movement.

NEW ENGLAND: Days suitable for fieldwork 5.8. Topsoil moisture 12% short, 70% adequate, and 18% surplus. Subsoil moisture 8% short, 75% adequate, and 17% surplus. Pasture conditions 2% very poor, 7% poor, 19% fair, 51% good, and 21% excellent. Maine Potatoes 100% emerged, 100% 2010, 100% average; condition 27% fair, 68% good, and 5% excellent. Massachusetts Potatoes 100% emerged, 100% 2010, 100% average; condition 4% poor, 31% fair and 65% good. Rhode Island Potatoes condition 100% good. Maine Oats 100% emerged, 100% 2010, 100% average; condition 15% fair, 75% good, and 10% excellent. Maine Barley condition 15% fair and 85% good. Field Corn 99% planted, 100% 2010, 99% average; 90% emerged, 99% 2010, 95% average; condition 5% very poor, 9% poor, 32% fair, 49% good, and 5% excellent. Sweet Corn 95% planted, 99% 2010, 95% average; 95% emerged, 90% 2010, 90% average; <5% harvested, 5% 2010, <5% average, condition 2% poor, 21% fair, 71% good, and 6% excellent. Broadleaf Tobacco 99% transplanted, 100% 2010, 99% average; condition 18% fair and 82% good. Shade Tobacco condition 1% fair and 99% good. First Crop Hay 75% harvested, 85% 2010, 70% average; condition 2% very poor, 3% poor, 27% fair, 60% good, and 8% excellent. Second Crop Hay was <5% harvested, 25% 2010, 5% average; condition 1% poor, 31% fair, 66% good, and 2% excellent. Apples set of fruit was 7% below average, 90% average, and 3% above average; size of fruit was 3% below average, 95% average, and 2% above average; condition 28% fair, 71% good, and 1% excellent. Peaches set of fruit was 4% below average and 96% average; size of fruit was 100% average; condition 3% poor, 41% fair, and 56% good. Pears set of fruit was 2% below average, 97% average and 1% above average; size of fruit was 100% average; condition 8% fair and 92% good. Strawberries 70% harvested, 75% 2010, 70% average; size of fruit was 11% below average, 84% average, and 5% above average; condition 3% very poor, 12% poor, 22% fair, 49% good, and 14% excellent. Massachusetts Cranberries were 5% early bloom, 65% full bloom, and 30% petal fall; condition 10% fair, 70% good, and 20% excellent. Highbush Blueberries <5% harvested, 10% 2010, <5% average; set of fruit was 2% below average, 87% average, and 11% above average; size of fruit was 1% below average, 97% average, and 2% above average; condition 22% fair, 71% good, and 7% excellent. Maine Wild Blueberry set of fruit was 7% below average, 44% average, and 49% above average; size of fruit was 25% below average and 75% average; condition 3% fair, 39% good, 58% excellent. Excellent fieldwork conditions prevailed this past week. High temperatures remained in the mid-70s to mid-80s all week long with nighttime temperatures in the 50s and 60s. Monday through Saturday, skies were generally partly cloudy. Scattered rain occurred Monday in the north with morning thunderstorms reported in Burlington, Vermont. The week's total rainfall ranged from 0.15 to 1.17 inches. Farmers were spreading manure, cutting hay, planting, harvesting early season vegetables, scouting for pests, and spraying.

NEW JERSEY: Days suitable for field work 6.5. Topsoil moisture 15% short, 80% adequate, 5% excellent. Subsoil moisture 5% short, 90% adequate, 5% surplus. Pasture and Range condition 20% fair, 75% good, 5% excellent. There was some rain towards the end of the week. Temperatures were mostly at or slightly above normal across the Garden State. Timely rainfall and mild temperatures provided adequate soil moisture supplies. Planting of field corn and soybeans is nearing completion. Crop conditions rated mostly good for all crops. Early harvesting of sweet corn, peppers, and other vegetables has begun, providing a wide variety of produce at farm markets and produce stands.

NEW MEXICO: Days suitable for fieldwork 6.9. Topsoil moisture 78% very short, 21% short and 1% adequate. Wind damage 22% light, 10% moderate and 8% severe. Alfalfa 8% very poor, 10% poor, 36% fair, 39% good and 7% excellent; second cutting 90% complete; third cutting 48% complete. Corn 1% very poor, 7%

poor, 66% fair, 23% good and 3% excellent; 100% emerged; 10% silked. Cotton 9% very poor, 39% poor, 22% fair, 19% good and 11% excellent; 50% squaring; 15% setting bolls. Irrigated winter wheat 96% harvested for grain. Dry winter wheat 95% harvested for grain. Total winter wheat 95% harvested for grain. Total sorghum 34% very poor, 24% poor, 40% fair and 2% good; 99% planted. Peanuts 8% poor, 86% fair and 6% good; 15% pegging. Chile 1% very poor, 4% poor, 65% fair, 17% good and 13% excellent. Onions 53% harvested. Pecans 1% poor, 17% fair and 82% good; heavy drop. Cattle 21% very poor, 35% poor, 33% fair and 11% good. Sheep 25% very poor, 30% poor, 35% fair and 10% good. Range and pasture 42% very poor, 47% poor and 11% fair. Temperatures this week were above average in most areas of the state. Rainfall was reported in some locations during the week. Raton reported 1.13 inches, Red River 0.35 inches, Las Vegas 0.78 inches and Moriarty 0.77 inches.

NEW YORK: Days suitable for fieldwork 5.2. Soil moisture 13% short, 71% adequate, 16% surplus. Pasture conditions 1% very poor, 6% poor, 16% fair, 62% good, 15% excellent. Corn condition 9% poor, 26% fair, 53% good, 12% excellent. Hay condition 6% poor, 22% fair, 61% good, 11% excellent. Oats condition 5% poor, 30% fair, 58% good, 7% excellent. Winter wheat condition 5% poor, 19% fair, 51% good, 25% excellent. First cuttings of alfalfa 94% complete, 88% average. Second cut alfalfa 10% complete. First cut clover-timothy 82% complete, 77% average. Second cut clover-timothy 10% complete. Grass silage 95% complete, 88% average. Corn 99% planted, 100% 2010, 99% average. Oats 97% seeded, 100% last year, 100% average. Potatoes 99% planted, 100% 2010, 100% average. Dry beans 81% planted, 85% 2010, 83% average. Soybeans 98% planted, last year 98%, 98% average. Onion condition 5% poor, 10% fair, 85% good. Sweet corn 97% planted, 97% 2010, 93% average. Sweet corn conditions 6% poor, 17% fair, 68% good, 9% excellent. Snap beans 74% planted, 83% 2010, 82% average. Cabbage 80% planted, 95% 2010, 90% average. Apple condition 8% poor, 12% fair, 64% good, 16% excellent. Grape condition 5% fair, 80% good, 15% excellent. Peach condition 12% poor, 19% fair, 55% good, 14% excellent. Pear condition 19% poor, 25% fair, 45% good, 11% excellent. Sweet cherries condition 3% poor, 10% fair, 68% good, 19% excellent. Tart cherries condition 2% poor, 2% fair, 72% good, 24% excellent. Strawberries condition 26% poor, 31% fair, 37% good, 6% excellent. Precipitation was slightly below average for most parts of the state, but still well above the seasonal average. Temperatures were at or slightly below normal, ranging from 90 to 43 degrees.

NORTH CAROLINA: Days suitable for field work 6.0. Soil moisture 20% very short, 35% short, 43% adequate and 2% surplus. The state received slightly below normal precipitation and above average temperatures last week. Activities for the week included the harvesting of Irish potatoes, peaches, small grains and second cutting of hay. More scattered showers this week have helped in some areas, but many areas are still in desperate need of rain to help improve crop conditions. Corn and soybeans continue to show signs of heat stress. Tobacco farmers are still irrigating.

NORTH DAKOTA: Days suitable for fieldwork 5.8. Topsoil moisture 2% short, 62% adequate, 36% surplus. Subsoil moisture 1% short, 56% adequate, 43% surplus. Durum 78% planted, 100% 2010, 100% avg.; 62% emerged, 100% 2010, 100% avg.; 28% jointed, 71% 2010, 78% avg.; 4% boot, 39% 2010, 51% avg.; condition 5% poor, 29% fair, 61% good, 5% excellent. Canola 84% planted, 100% 2010, 100% avg.; 80% emerged, 100% 2010, 100% avg.; 52% rosette, 94% 2010, 90% avg.; condition 3% poor, 19% fair, 63% good, 15% excellent. Dry edible beans 98% emerged, 100% 2010, 99% avg.; 1% blooming, 9% 2010, 12% avg.; condition 2% very poor, 4% poor, 27% fair, 57% good, 10% excellent. Dry edible peas 86% planted, 100% 2010, 100% avg.; 63% emerged, 100% 2010, 100% avg.; 21% flowering, 67% 2010, 73% avg.; condition 4% poor, 35% fair, 57% good, 4% excellent. Flaxseed 86% planted, 100% 2010, 100% avg.; 74% emerged, 100% 2010, 100% avg.; 2% blooming, 15% 2010, 28% avg.; condition 4% poor, 37% fair, 52% good, 7% excellent. Potatoes 97% emerged, 100% 2010, 99% avg.; 7% blooming, 32% 2010, 30% avg.; condition 6% very poor, 8% poor, 36% fair, 41% good, 9% excellent. Broad leaf and wild oats spraying 74% complete and 75% complete, respectively. Stockwater supply 62% adequate, 38% surplus. Pasture and range condition 3% poor, 13% fair, 51% good, 33% excellent. Hay condition 2% very poor, 5% poor, 13% fair, 57% good, 23% excellent. Alfalfa hay first cutting 27% complete. Other

hay cut 17% complete. Warm, dry weather for most of the week promoted crop development across the state. Though some fields remained wet, most producers made substantial progress thanks to the above average temperatures and abundant sunshine. The weather was favorable for haying and spraying in many areas of the state.

OHIO: Days suitable for fieldwork 6.0. Top soil moisture 1% very short, 16% short, 75% adequate, 8% surplus. Apple condition 7% very poor, 9% poor, 24% fair, 51% good, 9% excellent. Corn condition 2% very poor, 10% poor, 34% fair, 46% good, 8% excellent. Hay condition 3% very poor, 11% poor, 36% fair, 43% good, 7% excellent. Livestock condition 0% very poor, 2% poor, 19% fair, 64% good, 15% excellent. Oat condition 1% very poor, 6% poor, 52% fair, 35% good, 6% excellent. Peach condition 5% very poor, 13% poor, 23% fair, 49% good, 10% excellent. Range and Pasture condition 2% very poor, 8% poor, 31% fair, 47% good, 12% excellent. Soybean condition 1% very poor, 6% poor, 32% fair, 53% good, 8% excellent. Winter wheat condition 3% very poor, 10% poor, 33% fair, 41% good, 13% excellent. Soybeans 95% emerged, 97% 2010, 99% avg. Soybeans blooming 1%, 16% 2010, 16% avg. Winter wheat ripe 56%, 90% 2010, 60% avg. Winter wheat 11% harvested, 42% 2010, 19% avg. Oats 48% headed, 90% 2010, 95% avg. Alfalfa hay 2nd cutting 24%, 37% 2010, 36% avg. Other hay 1st cutting 86%, 91% 2010, 92% avg. Other hay 2nd cutting 6%, 20% 2010, 17% avg. Cucumbers 90% planted, 97% 2010, 93% avg. Strawberries 90% harvested, 98% 2010, 94% avg.

OKLAHOMA: Days suitable for fieldwork 6.5. Topsoil moisture 67% very short, 28% short, 5% adequate. Subsoil moisture 64% very short, 29% short, 7% adequate. Wheat plowed 60% this week, 44% last week, 48% last year, 41% average. Rye plowed 58% this week, 46% last week, n/a last year, n/a average. Oats 95% harvested this week, 87% last week, 93% last year, 81% average; plowed 52% this week, 35% last week, 52% last year, 43% average. Corn condition 11% very poor, 21% poor, 37% fair, 30% good, 1% excellent; silking 69% this week, 48% last week, 51% last year, 49% average. Sorghum 83% emerged this week, 80% last week, 88% last year, 67% average. Soybeans condition 8% very poor, 20% poor, 45% fair, 26% good, 1% excellent; 97% planted this week, 89% last week, 96% last year, 82% average; 89% emerged this week, 75% last week, 89% last year, 74% average; blooming 9% this week, n/a last week, n/a last year, n/a average. Peanuts 94% emerged this week, 91% last week, 100% last year, 100% average. Cotton 73% emerged this week, 72% last week, 99% last year, 97% average. Alfalfa condition 29% very poor, 30% poor, 30% fair, 11% good, 0% excellent; 2nd cutting 77% this week, 69% last week, 91% last year, 87% average; 3rd cutting 7% this week, n/a last week, 28% last year, 23% average. Other hay condition 35% very poor, 31% poor, 25% fair, 9% good, 0% excellent; 1st cutting 71% this week, 60% last week, 76% last year, 71% average. Watermelon setting fruit 80% this week, 68% last week, 78% last year, 78% average. Livestock condition 5% very poor, 17% poor, 40% fair, 35% good, 3% excellent. Pasture and range condition 32% very poor, 28% poor, 30% fair, 10% good, 0% excellent. Livestock; Prices for feeder steers less than 800 pounds averaged \$136 per cwt. Prices for heifers less than 800 pounds averaged \$127 per cwt. Livestock conditions were rated mostly poor to very poor range.

OREGON: Days suitable for fieldwork 6.6. Topsoil moisture 1% very short, 21% short, 74% adequate, 4% surplus. Subsoil moisture 0% very short, 11% short, 82% adequate, 7% surplus. Alfalfa Hay, First Cutting 81%, 91% 2010, 93% average. Winter wheat condition 0% very poor, 2% poor, 14% fair, 61% good, 23% excellent. Spring wheat condition 0% very poor, 1% poor, 11% fair, 67% good, 21% excellent. Barley condition 0% very poor, 0% poor, 8% fair, 73% good, 19% excellent. Corn condition 0% very poor, 0% poor, 0% fair, 24% fair, 75% good, 1% excellent. Range and Pasture 1% very poor, 5% poor, 27% fair, 57% good, 10% excellent. Weather; A little precipitation during the week followed by warm temperatures and sunshine for the holiday weekend. Low temperatures again ranged from 30 degrees in Christmas Valley to 50 degrees in Portland. High temperatures ranged from 64 degrees in Crescent City to 94 degrees in Ontario and Rome. The average temperature across the state of 62.8 was still close to two degrees below normal. Precipitation levels were about normal this week with an average across the State of 0.27 inches. There were five of the forty-three stations that did not receive a measurable amount of precipitation, mainly in the north central part of the State. Florence reported the highest amount of precipitation of 1.4 inches. Field Crops; Crops continued to

progress with warmer temperatures. Grass seed crops were in various stages between pollination and harvest. First cuttings of grass hay and alfalfa were complete in most areas, with fields being irrigated in preparation for a second cutting. Wheat in the eastern counties was turning color. Early potatoes were being harvested in Umatilla County. Turnip seed crops have been windrowed and were drying. Vegetables; Vegetables had slow growth and late plantings continued. Garlic was hit with rust, crops were windrowed and dying, along with some winter seed crops had been harvested in Lane County. In Yamhill County, some green beans for processing were being planted. Overwintering onions were being harvested. Sweet corn was being irrigated. Most vegetables were about 2-3 weeks late. Fruits and Nuts; Cherries were reported to be getting some color with most fresh harvest reported to be 7 to 10 days away. Wasco County reported cherry brining harvest had begun in the lower areas. Cherry, apple, pear, peach, and nectarine orchards were all having controls for their respective pests applied, as large numbers of pests were being caught in traps. Several reports stated that strawberries were in full swing with good quantity and quality. More pickers would be helpful. Lane County reported some mildew and fungus problems were present on their strawberry crop. Berries were a week or so off of normal harvest date, but looked to be of good quality. Raspberries were about ready to harvest. Grapes were showing flower emergence in Lane County. Nurseries and Greenhouses; Some nursery crops were out of low hoop covers and were growing well. Plant upkeep, irrigation and feeding continued. Livestock, Range and Pasture; Pastures continued to grow with the warm, mostly dry weather across much of the State. Coos and Curry counties reported rain that should extend their grazing season. Pastures were holding up well. Animals were looking good.

PENNSYLVANIA: Days suitable for fieldwork 6. Soil moisture 10% very short, 27% short, 55% adequate, and 8% surplus. Corn Height, 38 inches, 46 inches Prv. Yr., 39 inches Avg. Barley 90% harvested, 95% Prv. Yr, 77% Avg. Winter Wheat yellow, 98%, 98% Prv. Yr, 96% 5 Yr Avg. Winter wheat ripe, 45%, 76% Prv. Yr., 63% 5 Yr Avg. Winter wheat 15% harvested, 52% Prv. Yr., 23% 5 Yr. Avg. Oats 73% headed, 95% Prv. Yr, 88% 5 Yr Avg. Soybeans 95% emerged, , 96% Prv. Yr. 91%, Avg. Alfalfa second cutting, 55%, 70% Prv. Yr., 45% Avg. Timothy/Clover first cutting, 91%, 90% Prv. Yr., 84%, Avg. Corn Condition 0% very poor, 3% poor, 18% fair, 63% good, 16% excellent. Winter Wheat Condition 1% very poor, 5% poor, 26% fair, 52% good, 16% excellent. Oats condition 1% very poor, 4% poor, 36% fair, 54% good, 5% excellent. Soybean condition 0% very poor, 3% poor, 17% fair, 70% good, 10% excellent. Alfalfa stand condition 1% very poor, 2% poor, 13% fair, 63% good, 21% excellent. Timothy/Clover condition 1% very poor, 1% poor, 13% fair, 62% good, 23% excellent. Quality of Hay made 1% very poor, 7% poor, 24% fair, 37% good, 31% excellent. Pasture condition 4% very poor, 13% poor, 25% fair, 51% good, 7% excellent. Peaches Condition 0% very poor, 0% poor, 5% fair, 49% good, 46% excellent. Apples Condition 4% very poor, 14% poor, 19% fair, 49% good, 14% excellent.

SOUTH CAROLINA: Days suitable for fieldwork 6.6. Soil moisture 40% very short, 46% short, 14% adequate, 0% surplus. Corn 41% very poor, 32% poor, 21% fair, 6% good, 0% excellent. Soybeans 8% very poor, 34% poor, 41% fair, 17% good, 0% excellent. Winter wheat 0% very poor, 2% poor, 15% fair, 66% good, 17% excellent. Oats 1% very poor, 3% poor, 18% fair, 72% good, 6% excellent. Tobacco 4% very poor, 21% poor, 44% fair, 30% good, 1% excellent. Hay 12% very poor, 33% poor, 42% fair, 13% good, 0% excellent. Peaches 0% very poor, 6% poor, 23% fair, 70% good, 1% excellent. Watermelons 3% very poor, 9% poor, 55% fair, 33% good, 0% excellent. Cantaloupes 11% very poor, 13% poor, 53% fair, 23% good, 0% excellent. Livestock condition 2% very poor, 15% poor, 46% fair, 36% good, 1% excellent. Corn silked (tasseled 97%, 97% 2010, 91% avg. Corn doughed 26%, 51% 2010, 36% avg. Corn 3% matured, 1% 2010, 0% avg. Soybeans 95% planted, 99% 2010, 98% avg. Soybeans 83% emerged, 92% 2010, 90% avg. Soybeans bloomed 0%, 9% 2010, 6% avg. Winter wheat 100% headed, 100% 2010, 100% avg. Winter wheat 100% harvested, 99% 2010, 98% avg. Oats 100% headed, 100% 2010, 100% avg. Oats 100% harvested, 99% 2010, 98% avg. Tobacco topped 80%, 83% 2010, 58% avg. Tobacco 10% harvested, 14% 2010, 6% avg. Hay other hay 40%. Peaches 44% harvested, 38% 2010, 36% avg. Snapbeans, fresh harvested 80%, 69% 2010, 82% avg. Cucumbers, fresh harvested 96%, 95% 2010, 96% avg. Watermelons 60% harvested, 59% 2010, 46% avg.

Tomatoes, fresh harvested 80%, 70% 2010, 67% avg. Cantaloupes 60% harvested, 57% 2010, 56% avg. High temperatures and deficient rainfall continued to plague farmers this past week. Thunderstorms did bring much needed precipitation to some areas, but the rain showers were very isolated and missed many growers that were in a desperate need for relief from the drought. Most reported crop conditions continued to show signs of decline. Likewise, soil moisture conditions continued to fall and were 40% very short, 46% short and 14% adequate. Dry, sunny weather allowed for 6.6 days that were considered suitable for fieldwork. Ninety-seven percent of corn had silked and 26% had doughed. Corn was just beginning to mature, however several growers reported that their crop is not filling out due to hot, dry conditions. Some fields of dryland corn are beyond recovery. Over half of the cotton crop had squared and 16% had set bolls by week's end. Above average temperatures had cotton crop development ahead of schedule. Thirty-five percent of PEANUTS had pegged, falling behind historical figures. Soybean planting was 95% complete. Eighty-three percent of the crop had emerged with conditions showing signs of decline. Tobacco harvest had just begun with 10% of the crop harvested. Like other crops, conditions dropped. Livestock conditions declined. Ninety-six percent of cucumbers and 80% of snapbeans had been harvested. Forty-four percent of peaches had been harvested, remaining ahead of the five-year average. Sixty percent of both cantaloupes and watermelons had been harvested. Tomato harvest was 80% complete.

SOUTH DAKOTA: Days suitable for fieldwork 4.9. Topsoil moisture 1% short, 62% adequate, 37% surplus. Subsoil moisture 1% short, 62% adequate, 37% surplus. Winter wheat turning color 28%, 67% 2010, 70% avg. Barley boot 91%, 97% 2010, 95% avg. Barley 12% headed, 58% 2010, 71% avg. Barley 21% fair, 71% good, 8% excellent. Oats boot 89%, 92% 2010, 96% avg. Spring wheat boot 93%, 96% 2010, 97% avg. Corn cultivated or sprayed once 90%, 95% 2010, 95% avg. Corn cultivated or sprayed twice 30%, 46% 2010, 51% avg. Average corn height (inches) 22 in., 35 in. 2010, 32 in. avg. Sorghum emerged 93%, 97% 2010, 95% avg. Sunflower 1% poor, 44% fair, 45% good, 10% excellent. Alfalfa hay 1st cutting harvested 76%, 78% 2010, 83% avg. Alfalfa hay 2nd cutting harvested 8%, 13% 2010, 12% avg. Alfalfa hay 1% very poor, 3% poor, 22% fair, 60% good, 14% excellent. Other hay 38% harvested, 38% 2010, 48% avg. Feed supplies 3% short, 83% adequate, 14% surplus. Stock water supplies 1% short, 57% adequate, 42% surplus. Cattle condition 1% poor, 10% fair, 72% good, 17% excellent. Sheep condition 1% poor, 16% fair, 69% good, 14% excellent. Varying weather patterns across the state caused for mix reports. Planting of row crops is finishing up, with good development reported on all crops. Farm activities included; finishing the planting of row crops, applying fertilizer, herbicides, and pesticides, small amounts of haying, repairing fences, and assessing some storm damages.

TENNESSEE: Days suitable for fieldwork 5. Topsoil moisture 12% short, 80% adequate, 8% surplus. Subsoil moisture 12% short, 83% adequate, 5% surplus. Cattle 2% poor, 18% fair, 67% good, 13% excellent. Hay 5% poor, 27% fair, 58% good, 10% excellent. Pastures 1% very poor, 7% poor, 24% fair, 55% good, 13% excellent. Tobacco 95% transplanted, 97% 2010, 97% average; 3% poor, 19% fair, 62% good, 16% excellent. Winter wheat 98% harvested, 97% 2010, 97% average. Last week's mix of scattered rain and sunshine left most of Tennessee's crops rated in good condition. The corn crop, in particular, has thrived so far this season, with over a quarter of the crop in excellent condition. Most areas received sufficient rain to keep soil moisture levels healthy while still providing farmers with enough dry days to conduct fieldwork. Wheat harvest and soybean planting were virtually complete across the state by week's end. Other field activities last week included transplanting tobacco and applying pesticide treatments. Although the majority of the state's pastures and hay fields were rated in good condition, portions of East Tennessee have received less precipitation over the past few weeks than other areas of the state and could use more rain to speed pasture and hay field re-growth. Temperatures ranged from near normal to a few degrees above normal. Precipitation levels were above normal in Middle Tennessee but below normal elsewhere, although almost all areas received some rainfall.

TEXAS: Areas of the Lower Valley received up to 3 inches of rainfall, the Northern Plains and North East Texas received up to 2 inches of rainfall, while the rest of the state observed scattered showers. Small Grains Irrigated wheat harvest neared completion

in areas of the Northern High Plains, while dry-land wheat harvest continued to suffer due to drought conditions. Row Crops In areas of the Northern High Plains, corn was stressed due to hot and windy conditions. Germination and emergence of recently planted dry-land cotton suffered in areas of the Plains due to drought conditions. Irrigated corn suffered in areas of the Southern High Plains due to declining water supplies. The peanut crop progressed well in the Cross Timbers and South Texas but was in need of rain. In areas of North East Texas, corn was harvested for silage. Rice suffered due to very low moisture as producers prepared to harvest rice in the Upper Coast. Cotton squared in the Trans-Pecos and made good progress in South Texas due to recent rainfall. Corn and sorghum harvests were delayed due to rain showers in the Lower Valley. Fruit, Vegetable and Specialty Crop Report; Pecans were stressed due to drought conditions in the Cross Timbers and the Edwards Plateau. Blackberry and Blueberry harvests progressed well; however, the peach crop suffered in areas of North East Texas. Livestock, Range and Pasture Report; Producers continued to supplement and feed hay to livestock and prepared to wean calves due to low hay supplies and rising input costs in areas of the Plains, the Cross Timbers, East Texas, and the Upper Coast. Livestock tanks and ponds continued to recede in areas of the Plains, the Trans-Pecos, the Blacklands, and the Edwards Plateau. Hay production suffered due to drought conditions in areas of the Plains and East Texas. Grasshoppers continued to damage crops and rangeland in areas of the Cross Timbers, the Blacklands, and North East Texas. Summer grasses were short and contained little nutritional value due to high temperatures and low soil moisture across the state. The risk of wildfires remained high due to drought conditions in many areas of the state.

UTAH: Days suitable for field work 7. Subsoil moisture 0% very short, 10% short, 88% adequate, 2% surplus. Irrigation water supplies 0% very short, 1% short, 68% adequate, 31% surplus. Winter wheat 98% headed, 98% 2010, 100% avg.; condition 1% very poor, 2% poor, 33% fair, 49% good, 15% excellent. Spring wheat 26% headed, 69% 2010, 72% avg.; 1% very poor, 2% poor, 16% fair, 56% good, 25% excellent. Barley 63% headed, 86% 2010, 86% avg.; condition 0% very poor, 1% poor, 11% fair, 66% good, 22% excellent. Oats 48% headed, 51% 2010, 60% avg. Corn 99% emerged, 100% 2010, 100% avg.; condition 1% very poor, 5% poor, 42% fair, 50% good, 2% excellent. Corn height 14 inches, 17 inches 2010, 24 inches avg. Alfalfa height 25%. Alfalfa hay 1st cutting 88%, 91% 2010, 92% avg.; 2nd cutting 3%. Other hay cut 59%, 59% 2010, 62% avg. Cattle and calves moved To Summer Range 97%, 97% 2010, 98% avg. Cattle and calves condition 0% very poor, 1% poor, 15% fair, 71% good, 13% excellent. Sheep and lambs moved To Summer Range 93%, 97% 2010, 97% avg. Sheep Condition 0% very poor, 1% poor, 19% fair, 70% good, 10% excellent. Stock water supplies 0% very short, 2% short, 83% adequate, 15% surplus. Sweet cherries 1% harvested, 8% 2010, 30% avg. Agricultural Summary. Days suitable for field work averaged 6.6. Warm temperatures and sunshine continued in the State of Utah last week. Topsoil 1% very short, 21% short, 75% adequate, and 3% surplus. Field Crops Summary. Box Elder and Cache County hay producers were very active last week. Most growers made impressive progress and are grateful for the abundant supply of irrigation. Hay yields seem to be about average so far. The corn crop is responding favorably to the warmer temperatures and is in better condition. There are some concerns in the Howell area of frost damage to the wheat crop. Some irrigated fields in the Bear River Valley are expected to have reduced yields due to stripe rust. Many producers were able to apply fungicides before damage was too great. In Cache County small grains continue to do well; however, there have been some problems with cereal leaf beetle. Honey bees in Tooele County are in good condition. The growing season in Sevier County remains delayed. Most alfalfa growers will only complete three cuttings this year instead of four. Corn is finally starting to grow, but is noticeably shorter than past years at this time. The Sevier River is in a high water stage, not flood stage. Land owners are now getting a good picture of flood damage from previous weeks. Multiple fields of alfalfa cannot be cut right now, due to saturated soil conditions. Utah County crops are in good condition but remain delayed due to the wet and cold spring. Sweet cherry yield will be very low due to frosts. Peaches will also be affected in some areas. Thunderstorms in the mountains and valleys of Carbon County may have caused damage. Warm temperatures in Duchesne County increased mountain runoff. Due to flooding in

fields, it is expected some crops will be lost. Many producers were trying to harvest their hay; however, the weather has not been conducive. Summit County farmers are finishing up with the first cutting of alfalfa hay and have reached the mid way point on the first grass hay cutting. Flooding has been occurring. Flooding in Wayne County seemed to be confined to the Fremont River. Livestock Summary. Many producers in Utah have reported that their livestock are in good condition. Summer rangelands and pastures across the State of Utah have an abundance of grass. Prices have remained strong for lambs and calves. Some producers have been taking advantage of current prices and have sold their calves on video auctions for fall delivery.

VIRGINIA: Days suitable for fieldwork 6.2. Topsoil moisture 12% very short, 29% short, 55% adequate, 4% surplus. Subsoil moisture 11% very short, 31% short, 57% adequate, 1% surplus. Pasture 4% very poor, 13% poor, 26% fair, 51% good, 6% excellent. Livestock 1% very poor, 5% poor, 15% fair, 57% good, 22% excellent. Other hay 5% very poor, 11% poor, 30% fair, 46% good, 8% excellent. Alfalfa hay 3% poor, 18% fair, 65% good, 14% excellent. Corn silked 45%; 56% 2010; 35% 5-yr avg. Corn 1% very poor, 8% poor, 19% fair, 56% good, 16% excellent. Soybeans 90% planted; 90% 2010; 86% 5-yr avg. Soybeans 80% emerged; 74% 2010; 73% 5-yr avg. Soybeans Blooming 2%; 2% 2010; 1% 5-yr avg. Soybeans 9% poor, 18% fair, 60% good, 13% excellent. Winter Wheat 85% harvested; 90% 2010; 77% 5-yr avg. Winter wheat 1% poor, 10% fair; 72% good; 17% excellent. Tobacco Flue-cured 7% poor, 54% fair, 39% good. Tobacco Burley 2% poor, 25% fair, 70% good, 3% excellent. Tobacco Dark fire-cured 3% poor, 56% fair, 41% good. Peanuts Pegged 25%; 24% 2010; 29% 5-yr avg. Peanuts 6% poor, 15% fair, 64% good, 15% excellent. Cotton squaring 60%; 33% 2010; 41% 5-yr avg. Cotton 10% poor, 12% fair, 62% good, 16% excellent. Summer Potatoes Harvested 35%; 19% 2010; 17% 5-yr avg. Summer Potatoes 50% fair, 50% good. Apples All 7% fair, 76% good, 17% excellent. Peaches 1% poor, 8% fair, 84% good, 7% excellent. Grapes 3% fair, 96% good, 1% excellent. Oats 15% fair, 83% good, 2% excellent. Virginia's seasonably sporadic rains and warm weather was welcomed across the state. Although more rain is needed, the timely rains have improved topsoil moisture in several areas. As the soil moisture maintains its levels and warm weather prevailed, the corn crop continued to look good and has pollinated very well. The cotton crop and peanuts continued to be in good condition. Tobacco is growing well. Tobacco lay-by continues and some early topping has occurred. Farmers continued to harvest wheat and plant double crop soybeans. Harvesting of sweet corn, melons, summer squash and green peppers continued. Many growers have begun to plant pumpkins.

WASHINGTON: Days suitable for fieldwork 6.6. Topsoil moisture 1% short, 17% short, 65% adequate, and 17% surplus. The large majority of winter wheat was headed out, but spring wheat was several weeks behind. Eastern counties did not receive much needed rain on the grains during the last week of June, but there was significant warmth that helped alleviate rust concerns. Winter wheat was beginning to mature in Walla Walla County. Summer weather arrived with temperatures finally climbing beyond the 80 degree mark for western Washington producers. Orchard grass, alfalfa, and a huge supply of Timothy hay went into the barn in premium shape in Kittitas County. Christmas tree growers complained about bird damage to leader growth on Noble and Grand fir in Thurston County. In the Yakima Valley, cherry growers were harvesting early cherry varieties and color-picking the Rainier and Bing cherries. Despite fantastic cherry size and flavor, cherry harvest was 2 to 3 weeks behind normal. Raspberries and apricots were being harvested as well. Apple thinning activities continued. Hops have crested the trellis. Lettuce, beets and zucchini were available at roadside stands and farmer's markets. Only the early cherries in the lowest, warmest sites were being harvested in Chelan County. Commercial raspberry growers reported root rot in some fields on heavier soils in Grays Harbor County. Some sweet corn fields in Thurston County were barely 6 inches high. Range and pasture conditions 2% poor, 26% fair, 41% good and 31% excellent. Livestock producers were harvesting halylage and mowing Canada thistle in Grays Harbor County. Cattle settled on summer pasture and range in Klickitat County. Shellfish harvesting was restricted in Pacific County due to marine bio-toxins in the bay.

WEST VIRGINIA: Days suitable for field work 5. Topsoil moisture 13% short, 85% adequate, and 2% surplus compared to 13% very short, 42% short, 44% adequate, and 1% surplus last

year. Corn conditions 1% poor, 15% fair, 81% good, and 3% excellent. Corn 95% emerged, comparison data not available. Corn silked 1%, 10% in 2010, 5-year avg. comparison data not available. Soybeans conditions 16% fair, 83% good, and 1% excellent. Soybeans 93% planted, comparison data not available. Soybeans were 90% emerged, 92% in 2010, and 91% 5-year avg. Soybeans 1% blooming, 3% in 2010, 5-year avg. comparison data not available. Winter wheat conditions 2% poor, 15% fair and 83% good; 56% harvested, 70% in 2010, and 37% 5-year avg. Hay was reported 3% poor, 20% fair, 71% good, and 6% excellent. Hay first cutting was 83% complete, 86% in 2010, and 82% 5-year avg. Apple conditions 1% poor, 34% fair, 56% good, and 9% excellent. Peaches 37% fair, 53% good, and 10% excellent. Cattle and calves were 2% poor, 10% fair, 79% good, and 9% excellent. Sheep and lambs were 2% poor, 10% fair, 85% good, and 3% excellent. Isolated thunderstorms soaked fields, creating a mucky mess for farmers to truck through and drenching hay fields. This difficulty made drying hay a much more challenging task. After the rains departed, it made for thick, humid weather, making the fieldwork much less comfortable.

WISCONSIN: Days suitable for fieldwork 6.5. Topsoil moisture 1% very short, 16% short, 73% adequate, and 10% surplus. Oats 62% headed, 92% 2010, and 84% 5-yr. avg.; condition 1% very poor, 2% poor, 13% fair, 66% good, and 18% excellent. Corn average height 27 in., 46 in. 2010, 39 in. 5-yr. avg.; condition 1% very poor, 4% poor, 14% fair, 57% good, 24% excellent. Soybeans 3% blooming, 8% 2010, and 7% 5-yr. avg.; condition 1% very poor, 3% poor, 17% fair, 63% good and 16% excellent. Winter wheat condition 1% very poor, 3% poor, 9% fair, 53% good and 34% excellent. Pasture condition 0% very poor, 4% poor, 23% fair, 60% good and 13% excellent. First Crop Hay 96% harvested, 93% 2010, 97% 5-yr. avg. Second Crop Hay 18% harvested, 26% 2010, 23% 5-yr. avg. Even though the state was divided on the need for rain, most crop farmers welcomed the sunny and hot temperatures last week. Drier weather conditions allowed farmers to finish up first crop hay, cut second crop, cultivate corn, side-dress nitrogen, and apply herbicides and fertilizer. Irrigators were running for longer periods of time in sandy soil areas. Overall, crops were reported as growing well, but were still behind normal. Soil moisture conditions have changed dramatically, from being too wet to getting too dry, which in turn has created a wide variance in crop growth and yields throughout the state. Across the reporting stations, average temperatures last week were 1 to 4 degrees above normal. Average high temperatures ranged from 80 to 87 degrees, while average low temperatures ranged from 60 to 64 degrees. Precipitation totals ranged from 0.00 inches in La Crosse and Milwaukee to 0.26 inches in Eau Claire. Growing degree days for corn remain below normal.

WYOMING: Days suitable for field work 6.80. Topsoil moisture 1% very short, 16% short, 74% adequate, 9% surplus. Subsoil moisture 5% very short, 14% short, 78% adequate, 3% surplus. Barley progress 96% emerged, 80% jointed, 57% boot, 34% headed. Oats progress 93% emerged, 68% jointed, 42% boot. Spring wheat progress 98% emerged, 61% jointed, 31% boot. Winter wheat progress 91% headed, 21% turning color. Dry bean progress 94% planted, 64% emerged, 4% bloom. Corn progress 95% emerged. Corn average height 16 inches. Alfalfa harvested, 1st cutting 40%. Other hay harvested 14%. Barley condition 2% poor, 25% fair, 70% good, 3% excellent. Oat condition 18% fair, 74% good, 8% excellent. Spring wheat condition 27% fair, 61% good, 12% excellent. Winter wheat condition 1% poor, 35% fair, 63% good, 1% excellent. Corn condition 21% fair, 78% good, 1% excellent. Sugar beet condition 2% poor, 40% fair, 55% good, 3% excellent. Alfalfa condition 2% poor, 16% fair, 74% good, 8% excellent. Other hay condition 4% poor, 19% fair, 74% good, 3% excellent. Crop insect infestation 56% none, 36% light, 8% moderate. Sheep moved to summer pasture 88%. Range and pasture condition 3% poor, 17% fair, 66% good, 14% excellent. Stock water supplies 6% short, 85% adequate, 9% surplus. Summer temperatures can now be found across much of the state and Platte County said it best that hot temperatures have changed the crop progress picture. Weston County reported plentiful moisture in the northeast corner of the county, while the southern part of the county is in need of precipitation. An infestation of Cheatgrass was also reported there, raising concerns for producers. Lincoln County continued to report widespread flooding, but where crops are planted they are progressing well. Campbell County reported the first signs of grasshoppers with sightings of small insects this past week. Afternoon

thunderstorms have caused a few delays for hay producers in Converse and Platte County; while hay producers in Uinta County are running 3-4 weeks behind schedule. The growing conditions in Uinta County have also continued to delay grazing, as ranchers are still waiting in that area to be able to turnout on forest grazing

permits. The NRCS SNOTEL site continues to show a very high snow water equivalent statewide average for this time of the year. Activities checking livestock, fixing fence, field work.