ALABAMA: Days suitable for fieldwork 6.4. Topsoil moisture 14% very short, 24% short, 44% adequate, 0% surplus. Corn condition 9% very poor, 16% poor, 28% fair, 40% good, 7% excellent; 74% silked, 63% 2007, 72% avg.; 24% dough stage, 9% 2007, 22% avg.; 4% dented, 5% 2007, 8% avg.; 0% mature, 1% 2007, 1% avg.; 0% harvested, 1% 2007, 1% avg. Soybean condition 0% very poor, 11% poor, 34% fair, 53% good, 2% excellent; 91% planted, 95% 2007, 90% avg.; 79% emerged, 80% 2007, 76% avg.; 18% blooming, 11% 2007, 9% avg. Hay harvested, first cutting 97%. Livestock condition 0% very poor, 8% poor, 26% fair, 50% good, 8% excellent. Pasture and range condition 4% very poor, 13% poor, 38% fair, 42% good, 3% excellent. Rain showers have been hit and miss across the state during the past few weeks which left Alabama’s crops and pastures thirsty and showing signs of drought stress. Average temperatures varied from three degrees below to four degrees above normal during the past week. Most weather stations reported receiving rainfall. Crop conditions varied across the state and even within counties. Producers were busy side-dressing cotton with nitrogen fertilizer, and making herbicide and insecticide applications to cotton, peanuts, and soybeans. The supply of fresh peaches slumped during the past 10 to 14 days. Brown rot was prevalent in some orchards as more rainfall was received in mid-June. Pasture conditions decline slightly, as most areas of the state were dry until later in the week. Cattle producers culled older, less productive cows to take advantage of high killer cow prices.

ALASKA: Days suitable for fieldwork 5.0. Topsoil moisture 15% short, 80% adequate, 5% surplus. Subsoil moisture 15% short, 85% adequate. Barley 45% in boot stage. Condition 40% fair, 60% good. Oats 10% in-boot. Condition 25% fair, 75% good. Potatoes 99% planted, 65% emerged. Hay harvest was 20% complete. Hay condition 10% poor, 25% fair, 65% good. Crop growth was rated 5% slow, 75% moderate, 20% rapid. Wind or rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were harvesting hay, irrigation, weed control, general maintenance.

ARIZONA: Temperatures were above normal across the State for the week ending June 29, ranging from 3 degrees above normal to 7 degrees above normal. Precipitation was reported at 5 of the 22 reporting stations. There is only one reporting station with above normal precipitation for the year to date. Cotton squaring is 60 percent complete. 4 percentage points below the five year average. Twenty percent of the cotton acreage has set bolts. Cotton condition in the State varies from fair to excellent. Small grain harvest is at least 55 percent complete. Alfalfa harvest remains active on three-quarters of the State’s acreage. Range and pasture conditions across the State are very poor to good, depending on location and elevation. Pomegranate, persimmon bloom was complete in Tulare County. Spring boysenberry, blueberry, strawberry harvests were winding down. A few late Navel orange groves were being harvested; quality was good, though more fruit was destined for the processing market. Valencia harvest was building speed. Lemons and grapefruit were also harvested. Some citrus growers were planting new trees. Olives continued to form fruit. Almonds, pistachios, walnuts were developing normally. Almonds were sprayed for hull split; walnuts for codling moth. Growers in the Imperial Valley have virtually completed the melon harvest. Several fields of fresh market onions have been disked under because the market price will not cover harvest costs. Processing tomatoes had been planted and were growing as well as could be expected in the high heat. In southern San Joaquin Valley, bell peppers, peas, melons, sweet corn, onions (red, white, yellow), beans (green, fava, long), cucumbers, summer squash, broccoli were being picked. In central San Joaquin Valley, commercial tomato harvests had begun. Water for cucumbers was being reduced on plants. Sweet corn was progressing normally for a late June harvest. Garlic continued to be dried for harvest. Farmers market oriental crops continued to be harvested. In areas farther north into Sacramento Valley, harvests of fresh market onions and summer squash continued

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with good quality reported. Other crops being harvested were dehydrated onions, carrots, sweet corn and artichokes. Tomatoes, beans, zucchini squash acreage was reduced due to lack of deliverable water. Heat increased the presence of insects, army worms with insecticide application ongoing in many fields. Fire danger was at a high level again due to citrus fruit, and orange production. Several areas were already charred by fire. Most cattle have shipped from pasture. Supplemental feeding of hay and other nutrients was ongoing. Milk production continued to decline with the increase in temperatures. Sheep were grazing on idle farmland, dryland grain fields, older alfalfa fields and rangeland. Honeybees were busy in melon, squash, cucumber, sunflower, safflower, early vine vegetables. Some hives remained in holding areas. Leafcutter bees were prepared for placement in seed alfalfa fields.

COLORADO: Days suitable for fieldwork 6.7 Tospoil moisture 20% very short, 41% short, 38% adequate, 1% surplus. Subsoil moisture 27% very short, 43% short, 30% adequate. Spring barley 61% headed, 63% 2007, 76% avg.; 4% turning color, 11% 2007, 10% avg.; condition 1% very poor, 6% poor, 32% fair, 45% good, 16% excellent. Dry onions condition 4% very poor, 4% poor, 29% fair, 47% good, 16% excellent. Sugarbeets condition 5% very poor, 6% poor, 20% fair, 47% good 22% excellent. Summer potatoes 89% emerged, 97% 2007, 85% avg.; condition 9% very poor, 11% poor, 31% fair, 42% good, 39% excellent. Alfalfa 86% emerged, 96% 2007, 93% avg.; condition 5% poor, 32% fair, 50% good, 13% excellent. Dry Beans 78% planted, 100% 2007, 97% avg.; 50% emerged, 71% 2007, 82% avg.; condition 3% very poor, 2% poor, 14% fair, 76% good 5% excellent. Spring wheat 42% headed, 54% 2007, 70% avg.; 3% turning color, 7% 2007, 10% avg.; condition 4% very poor, 9% poor, 34% fair, 41% good, 4% excellent. Winter wheat 47% ripe, 52% 2007, 51% avg. Sorghum 45% emerged, 83% 2007, 84% avg. Alfalfa 87% 1st cutting, 90% 2007, 85% avg.; 6% 2nd cutting, 13% 2007, 8% avg.; condition 1% very poor, 8% poor, 32% fair, 44% good, 15% excellent. Sweet Corn 87% planted, 93% 2007, 92% avg. Tomatoes 92% planted, 99% 2007, 90% avg.; 9% 2007, 99% avg.; 58% good, 11% excellent. Watermelon 93% planted, 100% 2007, 99% avg.; 6% 2007, 99% avg.; 91% blooming, 90% 2007, 89% avg.; condition 1% very poor, 3% poor, 10% fair, 84% good, 3% excellent. Alfalfa Hay 1st cutting 100%, 100% 2007, 89% avg.; 2nd cutting 40%, 76% 2007, 50% avg. Pasture condition 2% very poor, 6% poor, 39% fair, 50% good, 3% excellent. Corn progress 100% planted, 100% 2007, 99% avg.; 95% emerged, 100% 2007, 99% avg.; 1% silked, 10% 2007, 25% 2007, 10% avg.; condition 1% very poor, 3% poor, 25% fair, 70% good, 10% excellent. Soybeans 75% planted, 86% 2007, 79% avg.; 51% emerged, 67% 2007, 66% avg.; 1% blooming, 2% 2007, 1% avg.; condition 0% very poor, 8% poor, 51% fair, 35% good, 6% excellent. Wheat condition 0% very poor, 3% poor, 11% fair, 85% good, 21% excellent. Barley condition 0% very poor, 4% poor, 34% fair, 41% good, 12% excellent. Peanut condition 0% very poor, 1% poor, 10% fair, 65% good, 24% excellent. Sugar beet condition 0% very poor, 3% poor, 13% fair, 74% good, 11% excellent. Peach condition 0% very poor, 1% poor, 10% fair, 65% good, 24% excellent. Winter wheat 100% headed, 100% 2007, 79% avg.; condition 0% very poor, 1% poor, 10% fair, 65% good, 24% excellent. Winter wheat boot stage 53%, 71% 2007, 69% avg.; condition 1% very poor, 3% poor, 10% fair, 60% good, 9% excellent. Potato condition 0% very poor, 1% poor, 13% fair, 76% good, 11% excellent. Tobacco 0% very poor, 9% poor, 27% fair, 53% good, 11% excellent. Watermelons 0% very poor, 4% poor, 34% fair, 58% good, 4% excellent, 52% harvested, 49% 2007, 44% avg. Corn 90% fair, 34% 2007, 84% avg.; 45% dough, 8% 2007, 13% avg.; condition 10% dent, 6% 2007, 9% avg. Winter wheat 98% harvested, 99% 2007, 95% avg. Peanuts 68% blooming, 39% 2007, 62% avg. Tobacco 1% harvested, 3% 2007, 4% avg.

HAWAII: Days suitable for fieldwork 7. Soil moisture remained adequate in most areas. Banana orchards were in fair to good condition. Rouging of trees infected with the Banana Bunchy Top virus continued. Papaya trees remained in fair to good condition. Insect infestations were at moderate levels in some areas, but being controlled by regular spraying. Head cabbage plantings were in fair to good condition. Insect pressure was low to moderate. Dry onion planting on Maui was good and harvested bulbs were of good size and quality. Harvesting of sweet corn was active. Crop development and planting activities were being affected in areas under mandatory water restrictions. Normal summer trade wind weather prevailed for most of the week. As a result, windward areas were partly cloudy and received most of the generally light showers. Leeward areas were sunny to partly cloudy and mostly dry. The trade wind was cut-off over the weekend and warm, humid conditions developed. Fieldwork was made uncomfortable by the humid conditions, but irrigation and spraying activities were aided by the calm weather. The lack of winds also reduced soil erosion, a problem in the drier areas.

IDAHO: Days suitable for field work 6.9. Tospoil moisture 4% very short, 27% short, 68% adequate, 1% surplus. Winter wheat boot stage 98%, 100% 2007, 99% avg. Spring wheat jointed 88%, 99% 2007, 94% avg.; boot stage 54%, 84% 2007, 76% avg. Barley jointed 89%, 91% 2007, 91% avg.; boot stage 53%, 71% 2007, 70% avg. Potatoes emerged 96%, 99% 2007, 98% avg.; 12 inches high 31%, 64% 2007, 58% avg. Dry beans 86% emerged, 96% 2007, 98% avg. Chickpeas 10% harvested, 33% 2007, 41% avg. Alfalfa hay 1st cutting harvested 70%, 89% 2007, 86% avg.; 2nd cutting harvested 2%, 11% 2007, 11% avg. Irrigation water supply 0% very poor, 3% poor, 20% fair, 66% good, 11% excellent. Potato condition 0% very poor, 1% poor, 15% fair, 70% good, 14% excellent. Winter wheat 82% headed, 99% 2007, 92% avg.; condition 0% very poor, 1% poor, 10% fair, 76% good, 13% excellent. Winter wheat crop development is behind normal. Winter wheat headed stage is estimated at 82% this week compared to 99%
last year at this time and 92% as the five year average. Other small grains are facing similar delayed development. Caribou County extension educator reported that good weather has helped farmers make good progress on their first cutting of alfalfa hay. Power County reported hot and dry weather, but good weather for growing conditions. Also, some dryland areas are beginning to show some moisture stress. North Idaho received no rain while only some parts of the southern regions received a trace. Major agricultural activities included irrigating, cultivating, caring for livestock, and cutting alfalfa hay.

ILLINOIS: Days suitable for fieldwork 4.6. Topsoil moisture 4% short, 71% adequate, 25% surplus. Oats 93% headed, 98% 2007, 96% avg.; 12% very poor, 3% short, 43% surplus. Soybeans 99% planted, 100% 2007, 96% avg.; 90% emerged, 99% 2007, 96% avg.; condition 5% very poor, 9% poor, 32% fair, 44% good, 10% excellent. Wheat 100% harvested, 97% 2007, 97% avg. Pasture condition 2% very poor, 6% poor, 22% fair, 48% good, 24% excellent. Average temperatures ranged from 40° below normal to 2o above normal with a high of 92° and low of 47°.

IOWA: Days suitable for fieldwork 4.3. Topsoil moisture 0% very short, 1% short, 62% adequate, 37% surplus. Subsoil moisture 0% very short, 0% short, 53% adequate, 27% surplus. Corn condition 5% very short, 13% short, 67% adequate, 15% surplus. Wheat rye 88% complete, 94% 2007, 96% avg.; condition 6% very poor, 16% poor, 37% fair, 33% good, 8% excellent. Sorghum 72% emerged, 81% 2007, 86% avg. Sunflowers 61% emerged, 62% 2007, 72% avg.; condition 1% very poor, 5% fair, 61% good, 15% excellent. Alfalfa second cutting of is 41% completed. 40% 2007, 55% avg. Feed grain supplies 3% very short, 9% short, 87% adequate, 1% surplus. Hay and forage supplies 1% very short, 8% short, 86% adequate, 5% surplus. Stock water supplies 5% short, 83% adequate, 12% surplus. Primary farm activity involved herbicide spraying on row crops, wheat harvest, cutting hay, and planting soybeans, sorghum, and sunflowers.

KENTUCKY: Days suitable for fieldwork 5.6 Topsoil moisture 10% very short, 31% short, 56% adequate, 3% surplus. Subsoil moisture 7% very short, 28% short, 60% adequate, 5% surplus. Tobacco height less than 12 in. 59%, 12-24 in. 28%, more than 24 in. 12%. Tobacco set condition 2% poor, 32% fair, 50% good, 16% excellent. Barley 93% harvested, 100% 2007, 98% 5 yr avg. Winter wheat 78% harvested, 75% 2007, 5 yr avg. 76%. Sorghum 84% planted, 99% 2007, 96% 5 yr avg. Pasture condition 1% very poor, 10% poor, 34% fair, 44% good, 11% excellent. Snowfall for the month was 0.75 inches, which is below normal.
progress across State. Corn looked good and progressed favorably this past week. Most fields at 7 to 10 leaf stage, and grew 6 to 8 inches from previous week. Soybeans stands varied condition. Some very good, while others have been reduced by excess moisture. Many fields still waiting on herbicide applications. Winter wheat developing well and turning color. Barley good condition. Sugarbeets doing well and filling rows. Apples grew to 1.5 inches diameter southwest, where apple scab symptoms found. Apples northwest 24 mm and 1.375 inches diameter southeast. Apricots grew to 2.5 inches southwest and 28 mm northwest. Blueberries grew to 16 mm southeast. Blueberries sized well Grand Rapids area and began to color southwest. Peaches 1.5 inches diameter southwest and southeast, hand thinning continued. Pears grew to 1 inch and 22 mm southwest and northwest, respectively. Southeast, largest fruit grew to 1.25 inches diameter. Plums grew to 1 inch southwest and southeast, 22 mm west central, and 20 mm northwest. Southeast, harvest of early sweet cherry varieties underway. Northwest, sweet cherries grew to 16 mm. Tart cherries grew to 16 mm southeast, as fruit continued to drop and cherry leaf spot symptoms found. Strawberry harvest began northwest and ended southwest. Southwest, grapes BB-sized as berry shatter continued. The damage from heavy rains three weeks ago has taken a toll on some vegetables and grapes. Citrus fruit setting continued, planting continued on schedule, and a few farmers finished planting. Some farmers anticipate losses for July harvest but later celery looks better. Watermelons and cantaloups looked good, but growth has been slow due to cool temperatures. Squash and zucchini harvest continued from tunnelled plantings. Reports of pollination problems some fields. Asparagus harvest expected to be complete by end of this week. Peppers and tomatoes growing well southwest with no serious disease or insect pressure. Onions quite variable with healthy and water-stressed fields near each other. Some plants have not developed enough leaf tissue to support good bulb development. Cucumbers emerged normally except on heavy soils and some needed to be replanted. Harvest of processing peas completed west central. Planting of snap beans delayed about a week but in full swing. Potato crop excellent condition with some new potatoes due at farmers markets. Cabbage heads forming and continued to be harvested from early planted fields. Sweet corn progressed well and corn borers numbers holding steady at relatively low levels.

MINNESOTA: Days suitable for fieldwork 6.2. Topsoil moisture 1% very short, 13% short, 81% adequate, 5% surplus. Spring Wheat 82% jointed, 97% 2007, 90% avg. Oats 84% jointed, 98% 2007, 94% avg. Barley 77% jointed, 94% 2007, 88% avg. Corn 20 in. height, 50 in. 2007, 33 in. avg. Soybeans 6 in, height, 12 in. 2007, 9 in. avg. Sweet Corn 93% planted, 97% 2007, 89% avg. Corn 93% emerged, 97% 2007, 91% avg.; condition 1% very poor, 1% poor, 24% fair, 60% good, 14% excellent. Pasture condition 0% very poor, 3% poor, 25% fair, 59% good, 13% excellent. Sugarbeet condition 1% very poor, 1% poor, 27% fair, 66% good, 5% excellent. Potatoes condition 0% very poor, 3% poor, 19% fair, 61% good, 17% excellent. Canola condition 0% very poor, 11% poor, 30% fair, 51% good, 8% excellent. Green Pea condition 1% very poor, 3% poor, 26% fair, 59% good, 11% excellent. Dry Bean condition 0% very poor, 6% poor, 41% fair, 48% good, 5% excellent. Sunflower condition 0% very poor, 6% poor, 32% fair, 51% good, 11% excellent. Warm, dry weather helped small grain and row crop development advance this past week. The majority of the state’s spring wheat crop has now reached the jointing stage with one quarter reaching the heading stage. Producers were nearly able to finish planting sweet corn, and a significant percentage of first cutting alfalfa was completed by weeks end.

MISSISSIPPI: Days suitable for fieldwork 6.2. Soil moisture 11% very short, 50% short, 37% adequate, 2% surplus. Corn 93% silked, 96% 2007, 91% avg.; 20% dough, 53% 2007, 43% avg. 3% very poor, 6% poor, 15% fair, 52% good, 24% excellent; Cotton 100 emerged, 100% 2007, 100% avg.; 66% squaring, 86% 2007, 75% avg.; 2% setting bolls, 13% 2007, 15% avg.; 2% very poor, 5% poor, 24% fair, 50% good, 16% excellent. Peanuts 10% planted, 10% 2007, 5% avg.; 0% very poor, 0% poor, 0% fair, 76% good, 24% excellent. Rice 100% emerged, 100% 2007, 100% avg.; 0% heading, 3% 2007, 5% avg.; 0% very poor, 3% poor, 12% fair, 59% good, 26% excellent. Sorghum 100% planted, 100% 2007, 100% avg.; 0% emerged, 100% 2007, 100% avg.; 44% heading, 53% 2007, 45% avg.; 1% very poor, 5% poor, 14% fair, 51% good, 29% excellent. Soybeans 100% planted, 100% 2007, 100% avg.; 99% emerged, 100% 2007, 99% avg.; 65% blooming, 81% 2007, 73% avg.; 19% setting pods, 25% 2007, 38% avg.; 4% very poor, 9% poor, 24% fair, 46% good, 17% excellent. Winter Wheat 100% emerged, 100% 2007, 100% avg.; 97% very poor, 1% very poor, 3% poor, 8% fair, 44% good, 44% excellent. Blueberries 0% very poor, 0% poor, 16% fair, 70% good, 14% excellent. Hay (harvested-warm) 51%, 32% 2007, 40% avg.; 7% very poor, 14% poor, 24% fair, 41% good, 14% excellent.; Sweetpotatoes 87% planted, 90% 2007, 77% avg.; 0% very poor, 15% poor, 25% fair, 40% good, 15% excellent. Watermelons 51% harvested, 29% 2007, 37% avg.; 0% very poor, 1% poor, 8% fair, 90, 1% good, 1% excellent. Cattle 4% very poor, 8% poor, 25% fair, 54% good, 9% excellent. Pasture 4% very poor, 23% poor, 34% fair, 34% good, 5% excellent. Overwhelmingly dry conditions have hampered parts of the state. Reports of pollination problems some fields. As expenses continue to rise, concerns over budgeting and future intentions are also rising. Many producers spent the week irrigating fields and cutting hay.

MISSOURI: Days suitable for field work 3.4. Topsoil moisture 1% very short, 6% short, 52% adequate, 41% surplus. Pasture condition 1% very poor, 9% poor, 25% fair, 56% good, 14% excellent. Corn 100% emerged, 96% 2007, 91% avg.; 44% dough, 53% 2007, 42% avg.; 1% very poor, 6% poor, 18% fair, 65% good, 6% excellent.

NEBRASKA: Days suitable for fieldwork 5.0. Topsoil moisture 4% very short, 16% short, 71% adequate, 9% surplus. Subsoil moisture 7% very short, 14% short, 70% adequate, 9% surplus. Corn conditions

Days suitable for fieldwork 6.2. Topsoil moisture 1% very short, 13% short, 81% adequate, 5% surplus. Spring Wheat 82% jointed, 97% 2007, 90% avg. Oats 84% jointed, 98% 2007, 94% avg. Barley 77% jointed, 94% 2007, 88% avg. Corn 20 in. height, 50 in. 2007, 33 in. avg. Soybeans 6 in, height, 12 in. 2007, 9 in. avg. Sweet Corn 93% planted, 97% 2007, 89% avg. Corn 93% emerged, 97% 2007, 91% avg.; condition 1% very poor, 1% poor, 24% fair, 60% good, 14% excellent. Pasture condition 0% very poor, 3% poor, 25% fair, 59% good, 13% excellent. Sugarbeet condition 1% very poor, 1% poor, 27% fair, 66% good, 5% excellent. Potatoes condition 0% very poor, 3% poor, 19% fair, 61% good, 17% excellent. Canola condition 0% very poor, 11% poor, 30% fair, 51% good, 8% excellent. Green Pea condition 1% very poor, 3% poor, 26% fair, 59% good, 11% excellent. Dry Bean condition 0% very poor, 6% poor, 41% fair, 48% good, 5% excellent. Sunflower condition 0% very poor, 6% poor, 32% fair, 51% good, 11% excellent. Warm, dry weather helped small grain and row crop development advance this past week. The majority of the state’s spring wheat crop has now reached the jointing stage with one quarter reaching the heading stage. Producers were nearly able to finish planting sweet corn, and a significant percentage of first cutting alfalfa was completed by weeks end.
very poor, 4% poor, 24% fair, 53% good, 17% excellent; 0% silked, 0% 2007, 0% avg. Soybean conditions 2% very poor, 6% very poor, 23% fair, 58 good, 11% excellent; 99% planted, 100% 2007, 100% avg.; 96% emerged, 100% 2007, 100% avg.; 0% blooming, 12% 2007, 10% avg. Sorghum conditions 0% very poor, 1% poor, 29% fair, 64% good, and 6% excellent; 103% planted; 100% 2007, 94% avg. emerged, 96% 2007, 97% avg.; 0% headed, 0% 2007, 0% avg. Wheat conditions 4% very poor, 9% or, 30% fair, 48% good, and 9% excellent; 77% turning color, 93% 2007, 92% avg.; 3% ripe, 37% 2007, 37% avg.; 0% harvested, 7% 2007, 13% avg. Proso Millet 90% planted, 95% 2007, 96% avg. Oats conditions 0% very poor, 1% poor, 8% fair, 6% good, 2% excellent; 87% headed, 93% 2007, 94% avg. Dry Beam conditions 0% very poor, 2% poor, 54% fair, 35% good, 9% excellent; 92% emerged, 93% 2007, 92% avg. Alfaalfa conditions 2% very poor, 4% poor, 19% fair, 57% good, 18% excellent; 90% 1st cutting, 99% 2007, 98% avg.; 4% 2nd cutting, 20% 2007, 24% avg. Wild Hay conditions 0% very poor, 2% poor, 17% fair, 83% good, 18% excellent. Pasture and Range conditions 1% very poor, 6% poor, 18% fair, 55% good, and 20% excellent. More below normal temperatures, rain, wind, and hail was seen again this week. The crops did make large strides in growth and maturity levels but are still behind the averages. Farmers were focused on replanting flooded areas, irrigation preparations, and equipment maintenance. Statewide, temperatures remained near average; conditions 4% very poor, 9% or, 30% fair, 48% good, and 9% excellent. The rains continued throughout the week, with Wednesday the only day noted with no rainfall in any of the eleven weather stations tracked for this report. Severe thunderstorms with heavy rains, strong winds, and hail damaged fruit and vegetable crops in many areas. Field corn and strawberry crops were showing signs of stress due to excessive moisture and dry hay production has been minimal for two weeks now. Total rain accumulation for the week ranged between 0.66 inches to 3.08 inches. Some locations were near four inches for the front of the wet front of the week. Daytime temperatures ranged in the mid-70s to mid-80s throughout the week. Nighttime temperatures were in the upper-50s to mid-60s. Overall, temperatures were average for the week, with most areas in need of sun and warmer temperatures to progress crop development. Major farm activities included making successive plantings of vegetables, sweet corn, sweet potatoes, and harvesting hay, Irish potatoes, peaches, rye, oats, sweetpotatoes, and harvesting hay, Irish potatoes, peaches, rye, oats, sweetpotatoes, and harvesting hay, Irish potatoes, peaches, rye, oats, sweetpotatoes, and harvesting hay, Irish potatoes, peaches, rye, oats.
and wheat. North Carolina received between 0 and 2.81 inches of rain throughout the week. Wilmington reported the most rain with 2.81 inches. Average temperatures ranged from 64 to 83 degrees. Rainfall was scattered and variable throughout the state, which provided very little relief to the drought conditions throughout North Carolina.

NORTH DAKOTA: Days suitable for fieldwork 5.9. Topsoil moisture 3% very short, 20% short, 75% adequate, 2% surplus. Subsoil moisture 12% very short, 29% short, 58% adequate, 1% surplus. Spring wheat 89% jointed, 94% 2007, 88% avg.; 57% boot, 76% 2007, 68% avg.; 1% milk, 6% 2007, 7% average. Durum wheat 78% jointed, 70% 2007, 68% avg.; 56% boot, 46% 2007, 40% avg.; 35% headed, 21% 2007, 19% avg.; 2% milk, 1% 2007, 2% avg.; conditions 1% poor, 32% fair, 58% good, 9% excellent. Barley 94% jointed, 95% 2007, 89% avg.; 6% boot, 82% 2007, 68% avg.; 2% milk, 12% 2007, 7% average. Oats 89% jointed, 93% 2007, 88% avg.; 60% boot, 75% 2007, 66% avg.; 3% milk, 13% 2007, 9% average. Canola 83% rosette, 97% 2007, 88% avg.; 26% blooming, 62% 2007, 51% avg.; condition 1% very poor, 4% poor, 29% fair, 59% good, 15% excellent. Dry edible beans 1% blooming, 13% 2007, 8% avg.; condition 4% very poor, 29% fair, 55% good, 12% excellent. Dry edible peas 50% flowering, 81% 2007, average not available; condition 3% poor, 32% fair, 60% good, 5% excellent. Flaxseed 5% blooming, 24% 2007, 23% avg.; condition 2% poor, 3% fair, 69% good, 1% excellent. Sugar beets condition 3% poor, 21% fair, 60% good, 16% excellent. Sunflowers 97% emerged, 96% 2007, 95% avg.; condition 2% poor, 31% fair, 60% good, 7% excellent. Hay condition 8% very poor, 33% poor, 39% fair, 18% good, 2% excellent. Broadleaf spraying 92% complete in wheat and 82% in canola. Low temperatures ranged from 57 degrees in Ontario, down to 32 degrees at the Christmas Valley station. The Detroit Lake weather station received the most precipitation with 0.39 total inches followed by Grants Pass with 0.20 total inches. Only eleven out of the forty two stations reporting received measurable precipitation, most stations reported below average levels. Field Crops Return to normal temperatures after a mostly cool season so far had many activities going, especially haying. Many crops were behind schedule but were looking good. It was the first time this season the State had a full week’s worth of field work. Some wheat in shallow soil in north central Oregon has lacked sufficient moisture, may have been hurt by the warm weather. Hops were reaching the top support wires, Red clover was blooming, Crimson clover was reaching windrowing stage. Vegetables The high daytime temperatures, mild nighttime conditions allowed vegetable crops to thrive, put on some growth. However, crops were still about ten days behind normal development. Fruits, Nuts Strawberry picking continued; harvest was about 50 percent complete in Marion County. Pickers have been plentiful this year, will be able to move into picking sweet cherries in the Willamette Valley as early as next week. Raspberries should be ready soon. Apples, pears were beginning to size. Fair weather with moderate temperatures prevailed for most of the week in Hood River County but the mid to late season growth. Operators have slowed the pace of baling and cutting hay due to rain. Farm activities for the week include replanting soybeans, sidressing corn, spraying fertilizer and insecticides, and the start of the winter wheat harvest in southern counties. Reporters in the Northwest district indicate that army worms in winter wheat fields are under control. Observations of Fusarium head scab have been observed in Northwest district wheat fields. The strawberry harvest is finishing up for most growers, as is the planting of cucumbers. In the Southwest district, tomato and sweet corn harvest have begun.

OKLAHOMA: Days suitable for fieldwork 5.7. Topsoil moisture 17% very short, 21% short, 54% adequate, 8% surplus. Subsoil moisture 16% very short, 20% short, 75% adequate, 2% surplus. Wheat 28% plowed this week, 13% last week, N/A last year, 38% average. Rye condition 6% very poor, 11% poor, 28% fair, 50% good, 5% excellent; 81% harvested this week, 48% last week, 50% last year, 68% average; 23% plowed this week, N/A last week, N/A last year, 32% average. Oats 81% harvested this week, 66% last week, 54% previous year, 72% average; 26% plowed this week, 75% last week, 12% N/A last year, 36% average. Corn condition 5% poor, 22% fair, 63% good, 10% excellent; 34% silking this week, 21% last week, 44% last year, 41% average; 10% dough this week, N/A last week, 14% last year, 15% average. Sorghum seedbed prepared 95% this week, 92% last week, 99% last year, 100% average; 48% emerged this week, 42% last week, 57% last year, 71% average. Soybeans condition 4% poor, 44% fair, 47% good, 5% excellent; 94% seedbed prepared this week, 93% last week, 85% last year, 94% average; 64% planted this week, 60% last week, 50% last year, 82% average; 54% emerged this week, 51% last week, 41% last year, 72% average. Peanuts 12% setting pods this week, N/A last week, N/A last year, N/A average Watermelon running 90% this week, 81% last week, 100% last year, 97% average; 53% setting fruit this week, 28% last week, 89% last year, 79% average. Alfalfa condition 3% very poor, 1% poor, 3% fair, 54% good, 4% excellent; 1st cutting 92% this week, 76% last week, 70% last year, 86% average; 3rd cutting 28% this week, N/A last week, N/A last year, 20% average. Other hay condition 3% very poor, 7% poor, 29% fair, 50% good, 11% excellent; 1st cutting 62% this week, 56% last week, 67% last year, 75% average. Livestock condition 1% very poor, 5% poor, 25% fair, 56% good; 13% excellent. Pasture and range condition 4% very poor, 6% poor, 23% fair, 52% good, 15% excellent. Livestock conditions were rated mostly in the good to fair range. Mostly light to moderate insect activity was reported.

OREGON: Days suitable for fieldwork 7.0. Top soil moisture 16% very short, 46% short, 37% adequate, 1% surplus. Sub soil moisture 12% very short, 40% short, 44% adequate, 4% surplus. Winter Wheat 97% headed, 100% previous year, 99% 5-yr avg.; condition 3% very poor, 19% poor, 50% fair, 21% good, 7% excellent. Spring Wheat 88% headed, 96% previous year, 86% 5-yr avg.; condition 27% poor, 32% fair, 30% good, 11% excellent. Barley condition 12% poor, 49% fair, 32% good, 7% excellent. Range, pasture condition 1% very poor, 17% poor, 25% fair, 48% good, 9% excellent. Alfalfa first cutting 77%, 99% previous year. Weather Warm, dry conditions dominated the week with temperatures rising to above 100 degrees by the weekend in many areas of the State. High temperatures ranged from 107 degrees in The Dalles down to 91 degrees in the Columbia Gorge. Low temperatures ranged from 28 degrees in the Dalles down to 17 degrees in The Dalles.

PENNSYLVANIA: Days suitable for fieldwork 4. Soil moisture 4% very short, 16% short, 48% adequate, 32% surplus. Corn height 25 inches, 36 inches 2007, 31 inches avg.; condition 1% very poor, 4% poor, 31% fair, 54% good, 10% excellent. Barley 88% ripe, 84% 2007, 81% avg.; 58% harvested, 51% 2007, 52% avg. Winter wheat turning yellow 89%, 93% 2007, 89% avg.; 25% ripe, 39% 2007, 29% avg.; condition 3% very poor, 21% poor, 42% fair, 14% excellent. Pasture and range condition 4% very poor, 6% poor, 23% fair, 52% good, 15% excellent. Range, pasture grasses in parts of eastern Oregon were short due to the shorter than normal growing season.
Dakota crops and continued cooler weather keeps crop progression from catching up to historic averages.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 12% very short, 37% short, 50% adequate, 1% surplus. Subsoil moisture 15% very short, 29% short, 54% adequate, 2% surplus. Wheat 92% harvested, 99% 2007, 89% avg. Tobacco 97% transplanted, 97% 2007, 95% avg. Oats 2007, 11% 2007, 10% avg. Hay 3% very poor, 10% poor, 33% fair, 46% good, 8% excellent. Pastures 4% very poor, 13% poor, 30% fair, 47% good, 6% excellent. Farmers took advantage of hot, dry conditions last week to push their wheat harvest near completion. Over a quarter of the acreage for grain was combined last week ahead of schedule. Overall, drought has been observed in burley tobacco fields. The first cutting of hay was virtually completed last week with some early second cuttings being reported. Temperatures across the State last week averaged 1 to 2 degrees above normal, as precipitation averaged below normal.

**TEXAS:** Top soil moisture was mostly very short to short across the state. Corn condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Wheat condition was mostly very poor to poor statewide. Oat condition was mostly fair to good statewide. Range and pasture condition was mostly fair to fair statewide. Wheat harvest continued in the Plains. Replanting of cotton occurred in the Northern Low Plains and the Southern High Plains. Corn crops continued to dry out in the Upper Coast and in South Texas. Sorghum continued to be planted in the High Plains, while harvest was continued in the Trans-Pecos. Alfalfa and sorghum harvest near completion in South Texas. Hot and dry conditions continued to take their toll on native range and pastures. In some areas of the state, some producers are supplemental feeding livestock again.

**UTAH:** Days suitable for field work 7. Subsoil moisture 0% very short, 39% short, 61% adequate, 0% surplus. Winter Wheat headed 98%, 98% 2007, 98% avg. Spring Wheat headed 45%, 87% 2007, 76% avg. Barley headed 75%, 91% 2007, 81% avg. Barley Condition 0% very poor, 0% poor, 11% fair, 70% good, 19% excellent. Oats headed 46%, 62% 2007, 54% avg. Oats harvested for Hay or Silage 28%. Corn 17 miles heights, 25 inches 2007, 20 inches avg. Alfalfa height 24%, 29% 2007, 23% avg. Alfalfa Hay 1st Cutting 84%, 97% 2007, 94% avg. Other Hay Cut 48%, 69% 2007, 58% avg. Dry Beans Planted 100%, 100% 2007, 100% avg. Cattle and calves moved To Summer Range 95%, 94% 2007, 94% avg. Cattle and calves condition 0% very poor, 2% poor, 23% fair, 69% good, 6% excellent. Sheep and lambs moved To Summer Range 90%, 94% 2007, 92% avg. Sheep Condition 0% very poor, 1% poor, 13% fair, 83% good, 3% excellent. Stock Water Supplies 0% very short, 10% short, 90% adequate, 0% surplus. Apricots harvested 0%, 44% 2007, 28% avg. Sweet Cherries harvested 0%, 26% 2007, 38% avg. Tart Cherries harvested 0%, 16% 2007, 14% avg. Pears, Full Bloom Or Past 100%, 100% 2007. This week was warm and dry weather has aided crop progress across the state. Crops continue to progress while livestock are doing well. Box Elder reports winter wheat is headed out and looks good in some areas, fair in other areas and poor in the Hansel Valley and Snowville areas. Spring wheat is starting to head out in the Bear River Valley but is only 5 - 8 inches tall in the Blue Creek area. Corn is really starting to grow but the height is still behind normal. The hot and dry weather in Cache County has been good for harvesting hay. Farmers are irrigating their land with adequate supplies of irrigation water. Dry land farmers report a heavy crop of grain resulting from cool spring weather and timely rains earlier this season, however, they are now concerned about heat stress and dry hot weather. Utah County reports farmers are harvesting first crop hay. Corn, barley, and irrigated wheat are looking good. Irrigation water looks to be adequate for most of the summer. Carbon County reports hay baling is finally in full swing this week. Some of the earlier-cut hay had some rain damage but most 1st crop hay is getting stacked is in excellent condition. Patches of wildfire have caused some concern but the damage down to the farmers to be wide-spread. Emery County reports warm temperatures have really increased plant growth. There is good irrigation water on all drainages in the area. First crop hay cutting is in full swing with production down for this year crop due to the cooler than normal spring. Beaver County reports farmers in the area are concerned with an infestation of grasshoppers. Irrigation supplies are starting to suffer within the county. Cache County reports range and pastures are beginning to see the affects of hot weather, but feed is still more than adequate in most situations. Producers are starting to see an increase in troublesome
flies. Carbon County reports summer range conditions look very good with the slow snow melt this spring. Emery County fears that dry conditions will cause the ranges to deteriorate quickly if summer rains are not received.

**WEST VIRGINIA:**

Days suitable for fieldwork 4. Topsoil moisture 3% short, 76% adequate, 21% surplus compared with 32% very short, 48% short, 20% adequate last year. Corn conditions 1% very poor, 1% poor, 11% fair, 79% good, 8% excellent; 96% emerged, 2007, and 5-yr avg. not available. Corn 2% silked, 1% in 2007 and 5-yr avg. not available. Soybean conditions 1% fair, 90% good, 9% excellent; 93% planted, 2007 and 5-yr avg. not available. Soybeans 77% emerged, 91% 2007, 85% 5-yr avg. Winter wheat conditions 11% poor, 31% fair, 52% good, 6% excellent; 7% harvested, 4% 2007, 11% 5-yr avg. Oat conditions 24% fair, 56% good, 20% excellent; 75% headed, 74% 2007, 60% 5-yr avg. Hay 1% very poor, 3% poor, 28% fair, 58% good, 10% excellent. Hay first cutting was 66% complete, 77% in 2007, 66% 5-yr avg. Apple conditions 1% poor, 94% fair, 5% good. Peach conditions 90% fair and 10% good. Cattle and calves were 2% poor, 18% fair, 75% good and 5% excellent. Sheep and lambs were 2% poor, 15% fair, 75% good and 8% excellent. Farming activities included making hay, planting soybeans, vaccinating cattle, and equipment maintenance. Storms swept across much of the state last week bringing rain, wind and hail in some areas. Hay making is moving along gradually as the weather permits.

**WISCONSIN:**

Days suitable for fieldwork 6.0. Topsoil moisture 0% very short, 11% short, 77% adequate, 12% surplus. Temperatures ranged from 2 degrees below to 3 degrees above normal. Average high temperatures ranged from 79 to 80 degrees across the state. Lows averaged from 56 to 62 degrees for the week. Precipitation ranged from 0.30 inches in Madison to 1.06 inches in Eau Claire. Average corn height was 21 inches with 0 percent silking. Soybeans 99% planted, 97% emerged, 1% blooming. Oats 44% headed. First cutting hay was 87 percent harvested while some second cutting hay was occurring, with 3 percent second cutting complete. There were reports of good quality and quantity of hay harvested in the north and central areas of the state. While some fields in the southern part of the state are still trying to dry out, some areas in the northern part of the state could use more moisture.

**WYOMING:**

Days suitable for fieldwork 6.9. Topsoil moisture 22% very short, 77% adequate, 1% surplus. Hay 85% silked, 71% 2007 previous week, 91% 2007, avg.; 47% boot, 36% previous week, 69% 2007, 76% avg.; 22% headed, 15% previous week, 55% 2007, 58% avg.; condition 3% poor, 19% fair, 78% good. Corn 93% emerged, 89% previous week, 99% 2007, 100% avg.; 13 inches average height; condition 3% poor, 21% fair, 76% good. Oats 98% emerged, 89% previous week, 95% 2007, 100% avg.; 79% jointed, 56% previous week, 83% 2007, 86% avg.; 41% boot, 29% previous week, 60% 2007, 61% avg.; 24% headed, 16% previous week, 40% 2007, 34% avg.; condition 25% fair, 67% good, 8% excellent. Spring wheat 98% emerged, 88% previous week, 99% 2007, 100% avg.; 92% jointed, 71% previous week, 92% 2007, 58% avg.; 28% acreage across the state. Soybeans 77% emerged, 88% previous week, 99% 2007, 100% avg.; condition 1% very poor, 3% poor, 15% fair, 75% good, 5% excellent. Cattle condition 5% fair, 88% good, 7% excellent. Calves condition 4% fair, 86% good, 10% excellent. Sheep condition 8% fair, 81% good, 11% excellent. Lambs condition 2% fair, 84% good, 14% excellent. Range and pasture condition 2% poor, 26% fair, 60% good, 12% excellent. Irrigation water supplies 1% very short, 3% short, 95% adequate, 1% surplus. The week was warm with scattered areas of heavy rain and hail. Hair has damaged some pasture grass and perennial forage crops. Lack of moisture has delayed crop progress. Activities preparations for hay harvest, shearing range sheep, branding and moving livestock.