**Weekly Weather and Crop Bulletin State Stories**

**ALABAMA:** Days suitable for fieldwork 6.7. Topsoil moisture supplies 10% very short, 38% short, 39% adequate, 0% surplus. Corn condition 15% very poor, 20% poor, 34% fair, 26% good, 5% excellent; 82% dough stage, 59% 2007, 62% avg.; 37% dented, 24% 2007, 32% avg.; 4% mature, 19% 2007, 13% avg.; 1% harvested, 6% 2007, 5% avg. Soybean condition 5% very poor, 25% poor, 37% fair, 32% good, 1% excellent; 69% blooming, 54% 2007, 46% avg.; 22% 2008; 25% fair, 50% good, 15% excellent. Potatoes 10% in bloom. Hay harvest was 60% complete, condition 10% poor, 20% fair, 60% good, 10% excellent. Crop growth was rated 10% slow, 70% 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, weed control, and general maintenance.  

**ARIZONA:** Temperatures were mostly above normal across the State for the week ending July 20, ranging from 4 degrees below normal to 6 degrees above normal. Precipitation was reported at 20 of the 45 reporting stations. Cotton squaring is 85 percent complete, 9 percentage points below the five year average. Fifty percent of the cotton acreage has set bolls. Cotton condition in the State varies from fair to excellent. Small grain harvest is at least 85 percent complete. Alfalfa harvest remains active on over half of the State’s acreage. Range and pasture conditions across the State are very poor to good, depending on location and elevation. 

**ARKANSAS:** Days suitable for fieldwork 6.8. Topsoil moisture supplies 10% very short, 39% short, 46% adequate, 4% surplus. Subsoil moisture 11% very short, 35% short, 50% adequate, 4% surplus. Corn 98% silked, 100% 2007, 99% avg.; 48% dough, 84% 2007, 68% avg.; 14% dent, 45% 2007, 22% avg.; condition 4% poor, 24% fair, 50% good, 22% excellent. Soybeans 100% planted, 100% 2007, 100% avg.; 98% emerged, 100% 2007, 98% avg.; 20% setting pods, 36% 2007, 38% avg. Corn in the silk stage and beyond increased 6% from the previous week. The corn in the dough stage was 36% behind last year and 20% behind the 5-year average. The corn dent stage increased 12% by the end of the week. Cotton setting bolls was above the 5-year average for the first time this year. The rice crop has been slow to develop as heading was 15% behind last year and 11% behind the 5-year average. Rice producers continued to apply mid-season nitrogen. Sorghum headed was about two weeks behind 2007 and the 5-year average. Sorghum coloring was 17% behind last year and 15% behind the 5-year average. At the close of the week, farmers reported soybean planting as complete and just 2% of the crop was left to emerge. Blooming was 20% behind 2007 and 21% behind the 5-year average. Setting pods was more than a week behind last year and the 5-year average. The condition of the row crops was mostly fair to good. Irrigation continued on row crops with emphasis on corn and soybeans. Producers applied pesticides to rice, soybeans, and sorghum; however, reports of pigweed resistance were common. Peaches and watermelons were harvested by farmers last week. In spite of the heat, livestock remained in fair to good condition. Pasture and range and hay crops were reported in mostly fair to good condition. Hot weather has taken a toll on forage growth, while producers continued to harvest hay.  

**CALIFORNIA:** Wheat harvest was winding down. Alfalfa growers continued to cut, winnow, rake, bale for production of alfalfa hay. The fourth cutting of alfalfa was almost complete. Harvest of corn continued for silage, grain. Barley fields continued to be windrowed, baled as straw. Cotton fields continued to grow well; fields were being cultivated and side-dressed with pesticides to control insects. Rice fields continued to grow nicely. Safflower was being dried down before harvest. Blackeye bean plantings were growing well; bloom was starting. Garbanzo bean fields were drying down prior to harvest. Fall sugar beets were being irrigated and treated with insecticides. Grape harvest was increasing with Black Emerald, Perlettes, Summer Royals, Flame seedless varieties being picked. There was concern in some areas that smoke from California wild fires might affect grape quality. Zante currants were also harvested. The following stone fruit varieties were harvested from 2007 and Early Saturn, Elegant Lady, Glacier White, Ivory Princess, Jasper Gem, Jasper Treasure, July Flame, Late Saturn, Magneta Queen, Pink Giant, Rich Lady, Snow Angel, Snow Blaze, Spring Flame, Spring Snow, Spring Treat, Strawberry Heirloom, Summer Flame, Summer Lady, Summer Sweet, Sweet Dream, Sweet Kay, Sweet Sun, Vista Gem, Zee Lady peaches; Black Amber, Black Beau, Black Splendor, Catalina, Cherry Bomb, Crimson Gold, Owen T, Red Beau, Red Crimson, Ruby Red, Ruby Rosa, Sugar Drop, Yummy Beauit plums; Apple Fire, Dapple Fire, Dapple Supreme, Dinosaur Egg, Emerald Sweet, Flavor Queen pluots; Arctic Belle, Candy Pearl, Diamond Bright, Diamond Pearl, Fire Sweet, Grand Pearl, Honey Fire, July Pearl, July Red, June Pearl, Red Diamond, Red Jewel, Red Lion, Red Pearl, Red Roy, Ruby Bright, Ruby Diamond, Ruby Pearl, Summer Bright, Sunny Gun nectarines. Apricots were still being harvested in some areas. Figs, Asian pears were also being harvested. Summer harvests of boysenberries, blueberries were slow. Picking of Valencia oranges was light. Olives were forming fruit. The olive crop was reported to be irregular in some areas with some groves too light to harvest. Hull split began in early almond varieties. The heavy crop required propping branches in many groves. The pistachio crop was also expected to be large. Coding moth, husk fly and mite sprays were being applied in walnuts. White wash was being applied to protect walnuts from sunburn. In the Imperial Valley extremely high temperatures matured summer vegetables almost faster than they could be picked. Heat somewhat reduced the quality, size of some of the faster ripening vegetables. Processing tomatoes were growing as well as could be expected; producers continued to hope for deliverable water. In southern San Joaquin Valley, harvest of tomatoes, peppers, carrots, melons continued. Irrigation applications increased due to the hotter weather with growers unsure how far the water will stretch. Yields of tomatoes, onions were good. Some lettuce growers were concerned about having enough water for their fall lettuce crop. In central San Joaquin Valley,
commercial tomato harvest was well underway as well as the harvest of okra, long beans, squash, sweet corn, cilantro, cucumbers, various Oriental vegetables. Harvest of watermelon, cantaloupe, other melons was in full swing. A few fields of garlic were harvested. Second planting of squash and cucumber was ongoing. In northern San Joaquin Valley, planting was completed for fresh market tomatoes, bell peppers, cauliflower, broccoli, and leeks. In Sacramento Valley, packinghouse operations were running at full capacity to prepare fresh vegetables for market.

leaving moisture short to adequate. Soil moisture adequate, central locations. Vegetable growers marketed okra, watermelon, avocados. Watermelon harvesting slowed. Avocado movement expected to increase. Washington County harvested squash, cucumbers, butter beans, okra, southern peas. Daily showers beneficial to growth of four to five new citrus trees, bell peppers, sweet corn, okra, cabbage. These plants closed. Growers focusing on grove maintenance, scheduled management practices, canker and psyllid control. Next season’s fruit sizing well. Oranges sizes ranging between golf ball, baseball size. Grapefruit running larger. Trees look good in well kept groves; growers preparing for new season. Pasture Feed 2% poor, 28% fair, 55% good, 15% excellent. Cattle Condition 1% poor, 34% fair, 60% good, 5% excellent. Panhandle, north pasture condition poor to excellent; cattle, fair to excellent. Central pasture condition poor to excellent; cattle poor to excellent. Southwest pasture condition fair to excellent, most good. Past two weeks some pasture received more rain than needed. Hendry County some stockpools filling from recent rains. Statewide cattle condition poor to excellent, most good.

GEORGIA: Days suitable for fieldwork 6.5. Topsoil moisture 17% very short, 39% short, 43% adequate, 1% surplus. Corn 7% very poor, 17% poor, 32% fair, 36% good, 6% excellent; 98% silked, 95% 2007, 97% avg.; 81% dough, 80% 2007, 84% avg.; 52% dent, 50% 2007, 55% avg. Wheat 6% very poor, 11% poor, 20% fair, 36% 2007, 30% avg.; 17% poor, 48% fair, 28% good, 2% excellent; 96% emerged, 99% 2007, 99% avg.; 38% blooming, 25% 2007, 41% avg.; 8% setting pods, 6% 2007, 15% avg. Sorghum 3% very poor, 11% poor, 45% fair, 40% good, 1% excellent; 93% planted, 95% 2007, 97% avg. Apples 0% very poor, 1% poor, 19% fair, 23% good, 57% excellent. Hay 12% very poor, 28% poor, 11% fair, 21% 2007, 14% avg.; 9% very poor, 9% poor, 44% fair, 41% good, 6% excellent. Tobacco 0% very poor, 5% poor, 31% fair, 48% good, 16% excellent. Peaches 69% harvested, 82% 2007, 72% avg. Peanuts 93% blooming, 82% 2007, 93% avg. Tobacco 18% harvested, 22% 2007, 26% avg. Watermelons 90% harvested, 89% 2007, 89% avg. Scattered rain has helped improve corn, hay and soybean production, in some counties. Pasture and hayfield conditions improved slightly due to rains. A high number of Tobacco budworms have been spotted in peanuts. Farmers are expecting more insects problems to arise in other crops. Drought conditions are still prevalent in areas of the state. Other activities include irrigating crops as needed and gaining control on crop insect damage.

HAWAII: Days suitable for fieldwork 7. Soil moisture was adequate in most areas; some leeward areas received some afternoon convective showers. Banana fields were in fair to good condition. Banana Bunchy Top disease continued to be a problem on Oahu and the Big Island. Papaya root rot was also in fair to good 5% very poor. Growth slowed due to dry conditions but rains helped restore some moisture. Head cabbage was in fair to good condition. Increased cloud cover in some areas was beneficial, bringing relief from the heat. Sweet corn fields were in fair to good condition. Weather was beneficial to crops although 4th cutting Alfalfa hay was adversely affected. Dry onions were in good condition and making steady progress, although warm weather has been stressful for new plantings. Mainly warm and dry conditions prevailed during the week. Windward and leeward areas received the majority of the showers. Trade winds were light in the beginning of the week then strengthened as the week progressed.

IDAHO: Days suitable for field work 6.9. Topsoil moisture 13% very short, 43% short, 44% adequate, 0% surplus. Winter wheat turning color 68%, 91% 2007, 82% avg. Spring wheat boot stage 95%, 100% 2007, 100% avg.; turning color 11%, 65% 2007, 39% avg. Barley boot stage 97%, 100% 2007, 99% avg.; turning color 27%, 70% 2007, 43% avg. Potatoes 12 inches high 92%, 100% 2007, 97% avg.; closing middles 60%, 93% 2007, 84% avg. Cherries 98% harvested, 93% 2007, 96% avg. Alfalfa hay 1st cutting harvested 97%, 100% 2007, 99% avg.; 2nd cutting harvested 25%, 56% 2007, 47% avg. Irrigation water supply 0% very poor, 5% poor, 23% fair, 62% good, 10% excellent. Potato condition 0% very poor, 1% poor, 16% fair, 68% 2007, 9% good, 15% excellent. Winter wheat condition 0% very poor, 1% poor, 13% fair, 75% good, 11% excellent. Winter wheat harvested is just underway for the week ending June 20. Twin Falls County reported that grasperhopper populations appear to be increasing in rangeland and dry areas of South Central Idaho. In Southwestern Idaho, the mint harvest is underway but the enemy is still essentially complete. In Southeastern Idaho, the dryland crops are showing signs of moisture stress. The Caribou County extension educator reported that dry weather has helped farmers mostly finish up the first cutting of alfalfa.
The Elmore County extension educator reported that rangeland is drying fast and feed supply is becoming scarce.

ILLINOIS: Days suitable for fieldwork 5.6. Topsoil moisture 9% short, 76% adequate, 15% surplus. Oats 33% ripe, 64% 2007, 63% avg.; 12% harvested, 30% 2007, 32% avg. Alfalfa hay second cutting 71%, 90% 2007, 89% avg. Red Clover cut 93%, 95% 2007, 96% avg. Corn 65% silked, 94% 2007, 89% avg.; 2% very poor, 6% poor, 24% fair, 51% good, 17% excellent. Soybeans 39% blooming, 82% 2007, 73% avg.; 6% setting pods, 31% 2007, 23% avg.; 3% very poor, 7% poor, 31% fair, 50% good, 9% excellent. Crops throughout Illinois progressed well this past week. Wheat harvest is growing to a close and topsoil moisture levels are favorable. The main field activities were scouting fields, spraying for beetles, and applying fungicide. The average temperature this past week was 0.2 degree above normal. The average weekly precipitation was 0.29 inch below normal.

INDIANA: Days suitable for fieldwork 6.1. Topsoil moisture 2% very short, 14% short, 76% adequate, 8% surplus. Subsoil moisture 1% very short, 8% short, 76% adequate, 14% surplus. Corn 38%, silked, 80% 2007, 67% avg.; condition 4% very poor, 9% poor, 24% fair, 46% good, 17% excellent. Soybeans 39% blooming, 65% 2007, 57% avg.; condition 4% very poor, 10% poor, 28% fair, 44% good, 14% excellent. Winter Wheat 94% harvested, 98% 2007, 96% avg. Alfalfa second cutting 62% complete, 87% 2007, 76% avg. Pasture condition 3% very poor, 8% poor, 23% fair, 45% good, 21% excellent. Livestock are in mostly good condition with some heat related stress. Average temperatures ranged from 3o below to 4o above normal with a high of 93o and low of 54o. Precipitation averaged from 0 inches to 1.05 inches. Hot, dry conditions placed stress on major field crops with some northern and eastern areas receiving rain during the weekend along with a few days of showers. Winter wheat harvest made good progress followed by baling of straw. Double cropped soybeans were being planted further north than usual. Earlier planted corn fields began to enter the critical pollination stage. Some corn acreage was sprayed with fungicides. Detasseling began in many seed corn fields. Other activities included scouting fields, spraying herbicides and fungicides, baling hay and straw, detasseling seed corn, mowing roadsides and ditches, attending county fairs, hauling grain to market, and tending to livestock.

IOWA: Days suitable for fieldwork 4.4. Topsoil moisture 0% very short, 4% short, 70% adequate, 26% surplus. Subsoil moisture 0% very short, 3% short, 68% adequate, 29% surplus. Average height of corn is 66 inches, 27% 2007, 38% avg. Corn 38%, silked, 80% 2007, 67% avg.; condition 4% very poor, 9% poor, 24% fair, 46% good, 14% excellent. Soybean 53% blooming, condition 3% very poor, 7% poor, 29% fair, 47% good, 14% excellent. Oats 78% turning color, condition 2% very poor, 7% poor, 32% fair, 48% good, 11% excellent. Alfalfa second cutting 34% complete. Hay condition 1% very poor, 6% poor, 30% fair, 49% good, 14% excellent. Pasture condition 1% very poor, 4% poor, 24% fair, 52% good, 19% excellent. Livestock experienced another week of rapid crop maturation. Favorable periods of sun and rain along with heat and humidity contributed to the advance.

KANSAS: Days suitable for fieldwork 5.7. Topsoil moisture 7% very short, 23% short, 69% adequate, and 1% surplus. Subsoil moisture 6% very short, 22% short, 71% adequate, 1% surplus. Corn 8% in dough stage, 24% 2007, 21% avg. sunflowers, 2% setting pods, 87% 2007, and 16% avg. Sunflowers are 95% planted, 100% in 2007 and avg. Sunflowers are 90% emerged, 99% 2007, 97% avg. Sunflower condition is rated 3% very poor, 4% poor, 22% fair, 64% good, and 7% excellent. Second cutting of alfalfa is 92% completed, 93% in 2007, 96% avg. Third cutting of alfalfa is 17% completed, 18% in 2007, and 29% avg. Feed grain supplies 2% very short, 9% short, 88% adequate, and 1% surplus. Hay and forage supplies 1% very short, 6% short, 86% adequate, and 7% surplus. Stock water supplies are 1% very short, 4% short, 89% adequate, and 6% surplus. Primary farm activity included baling hay and straw, spraying herbicides and irrigating row crops, and cutting hay. Crops responded well to warm and humid weather. Many growers able to harvest a second cutting this week, but rains and moisture slowed harvest other areas. Dry beans fair to good condition. Some farmers reported damage from excess moisture. Sugarcane very poor 2%, poor 9%, 26% fair, 46% good, 17% excellent. Livestock very poor 1%, 8% poor, 40% fair, 45% good, 6% excellent. Vegetable very poor 4%, 14% poor, 49% fair, 30% good, 3% excellent.

MARYLAND: Days suitable for fieldwork 6.7. Topsoil moisture 15% very short, 34% short, 51% adequate, 0% surplus. Subsoil moisture 8% very short, 29% short, 63% adequate, 0% surplus. Hay supplies 7% very short, 4% short, 78% adequate, 11% surplus. Other Hay 2nd cutting 44%, 53% 2007, 58% avg.; 3rd cutting 2%, 12% 2007, 5% avg. Alfalfa Hay 3rd cutting 38%, 23% 2007, 20% avg.; 4th cutting 0%, 0% 2007, 0% avg. Pasture condition 4% very poor, 7% poor, 28% fair, 55% good, 3% excellent. Hay condition 1% very poor, 11% poor, 24% fair, 52% good, 13% excellent. Progress silked 70%, 81% 2007, 68% avg.; 12% dough, 12% 2007, 9% avg.; 0% dent, 1% 2007, 1% avg. Soybean condition 4% very poor, 8% poor, 25% fair, 57% good, 6% excellent; 24% blooming, 21% 2007, 25% avg.; 5% setting pods, 5% 2007, 7% avg. Apple condition 0% very poor, 0% poor, 2% fair, 95% good, 0% excellent. Peach condition 0% very poor, 1% poor, 15% fair, 72% good, 12% excellent. Winter wheat 96% harvested, 93% 2007, 89% avg. Cantaloupes 20% harvested, 36% 2007, 23% avg. Cucumbers 30% harvested, 27% 2007, 32% avg. Green Peas 100% harvested, 100% 2007, 97% avg. Lima Beans 16% harvested, 10% 2007, 12% avg. Potatoes 1% blooming, 1% 2007, 1% avg.; 54% harvested, 38% 2007, 43% avg. Sweet Corn 25% harvested, 29% 2007, 28% avg. Tomatoes 30% harvested, 17% 2007, 17% avg. Watermelons 11% harvested, 15% 2007, 10% avg. Apples 10% harvested, 7% 2007, 3% avg. Peaches 11% harvested, 18% 2007, 17% avg. Dry conditions persisted despite some very spotty thundershowers.

MICHIGAN: Days suitable for fieldwork 5. Topsoil moisture 3% very short, 11% short, 74% adequate, 12% surplus. Subsoil 3% very short, 16% short, 77% adequate, 4% surplus. Corn height 56 inches, 61 inches 2007, 54 inches avg. Soybeans 6% setting pods, 22% 2007, 15% avg. Winter Wheat 0% very poor, 4% poor, 23% fair, 48% good, 25% excellent. Barley 1% very poor, 5% poor, 28% fair, 66% good, 2% excellent. Oats 0% very poor, 4% poor, 21% fair, 61% good, 14% excellent; turning 58%, 65% 2007, 58% avg.; 2% harvested. All hay 2% very poor, 5% poor, 20% fair, 57% good, 16% excellent; cutting hay 50%, 59% 2007, 53% avg. Dry beans 3% very poor, 7% poor, 20% fair, 52% good, 18% excellent; 10% blooming, 14% 2007, 22% avg. Snap beans 37% harvested, 38% 2007, 43% avg. Sweet Corn 25% harvested, 29% 2007, 28% avg. Tomatoes 30% harvested, 17% 2007, 17% avg. Watermelons 11% harvested, 15% 2007, 10% avg. Apples 10% harvested, 7% 2007, 3% avg. Peaches 11% harvested, 18% 2007, 17% avg. Dry conditions persisted despite some very spotty thundershowers.
Asparagus new fern growth progressing well. Cabbage growth and harvest moving along well with good quality many fields. For carrots, foliar diseases seemed to be threatening and many farmers began treating for bacterial blight. Cauliflower planted fields where sweet corn had been harvested. Celery doing better and growing rapidly after a period of excessive water fields. Cucumbers, melons, squash, and harvest continued. Second crop appeared to be doing well. Summer snap bean plantings growing normally most areas. Sweet corn being harvested southwest. Some plantings had high numbers of Japanese beetles feeding on leaves. Greenhouse grown and market tomatoes being harvested. Pro-Connor tomato fields developing well. Pasture and Range conditions 1% very poor, 6% poor, 34% fair, 51% good, 14% excellent. Wheat conditions 4% very poor, 8% poor, 26% fair, 52% good, and 18% excellent. Soybean conditions 2% very poor, 5% poor, 18% fair, 60 good, and 15% excellent; 39% blooming, 38% 2007, 67% avg.; 4% setting pods, 38% 2007, 67% avg.; 0% turning color, 0% 2007, 0% avg. Wheat conditions 4% very poor, 8% poor, 32% fair, 45% good, and 11% excellent; 88% ripe, 99% 2007, 96% avg.; 62% harvested, 85% 2007, 84% avg. Oats conditions 0% very poor, 1% poor, 9% fair, 61% good, 29% excellent; 100% headed, 100% last year. Overall corn conditions 2% very poor, 4% poor, 20% fair, 56% good, and 18% excellent; dryland corn conditions 1% very poor, 3% poor, 16% fair, 57% good, and 23% excellent; 46% silked, 73% 2007, 63% avg. Soybean conditions 2% very poor, 5% poor, 18% fair, 60 good, and 15% excellent; 39% blooming, 38% 2007, 67% avg.; 4% setting pods, 22% 2007, 19% avg. Sorghum conditions 0% very poor, 2% poor, 19% fair, 56% good, 27% excellent; Sunflower conditions 1% very poor, 2% poor, 19% fair, 56% good, and 27% excellent. Sorghum harvested. Processing tomato fields developing well. Rainfall amounts averaged zero to six degrees above normal across the state. The average temperature for the week was 69.9 degrees, 0.3 degrees below normal.

MINNESOTA: Days suitable for fieldwork 5.5. Topsoil moisture 4% very short, 24% short, 69% adequate, 3% surplus. Spring Wheat 23% ripening, 66% 2007, 45% avg.; 0% harvested, 3% 2007, 1% avg. Oats 36% ripening, 87% 2007, 67% avg. Barley 18% ripening, 80% 2007, 54% avg.; 0% harvested, 10% 2007, 3% avg. Corn 59 in. height, 78 in. 2007, 66% avg.; 15% very short, 55% short, 12% last year. Barley Pasture condition 1% very poor, 10% poor, 33% fair, 50% good, 6% excellent. Sugarbeet condition 1% very poor, 1% poor, 34% fair, 50% good, 14% excellent. Potatoes condition 1% very poor, 2% poor, 13% fair, 49% good, 35% excellent. Canola condition 20% fair, 53% good, 27% excellent. Dry Bean condition 2% poor, 38% fair, 54% good, 6% excellent. Sunflower condition 1% very poor, 2% poor, 19% fair, 56% good, and 27% excellent. Warm temperatures and rainfall across the state aided crop development last week. Small grains continued to ripen with the favorable weather, while half of the soybean crop reached the blooming stage and 7 percent of the corn crop reached the silking stage. The average temperature for the week was 69.9 degrees, 0.3 degrees below normal.

MISSISSIPPI: Days suitable for fieldwork 6.5. Soil moisture 24% very short, 39% short, 35% adequate 2% surplus. Corn 100% silked, 100% 2007, 100% avg.; 88% dough, 94% 2007, 88% avg.; 53% dent, 70% 2007, 58% avg.; 4% very poor, 12% poor, 27% fair, 40% good, 17% excellent. Cotton 97% squaring, 94% 2007, 97% avg.; 61% setting bolls, 70% 2007, 72% avg.; 4% very poor, 8% poor, 31% fair, 46% good, 11% excellent. Peanuts 91% peeling, 79% 2007, 0% very poor, 0% poor, 7% fair, 93% good, 0% excellent. Rice 24% heading, 29% 2007, 36% avg.; 0% very poor, 3% poor, 14% fair, 56% good, 27% excellent. Sorghum 83% heading, 94% 2007, 92% avg.; 29% setting color, 14% 2007, 31% avg.; 1% very poor, 5% poor, 29% fair, 50% good, 21% excellent. Soybeans 93% blooming, 98% 2007, 95% avg.; 71% setting pods, 76% 2007, 81% avg.; 0% turning color, 3% 2007, 4% avg.; 5% very poor, 14% poor, 31% fair, 40% good, 10% excellent. Winter Wheat 100% harvested, 100% 2007, 100% avg. Hay (harvested from June 18th) also reported this week. Hay 98% 2007, 81% avg.; 2% very poor, 4% poor, 26% fair, 44% good, 7% excellent.; Sweetpotatoes 98% planted, 100% 2007, 99% avg.; 0% very poor, 0% poor, 25% fair, 70 good, 5% excellent. Watermelons 92% harvested, 81% 2007, 80% avg. MISSOURI: Days suitable for fieldwork 6.3. Topsoil moisture 1% very short, 18% short, 73% adequate, 8% surplus. Pasture condition 1% very poor, 2% poor, 25% fair, 95% good, 13% excellent. A week of little or no rain allowed farmers to return to the fields. Although producers welcomed the break from the rains, the north-central and east-central districts need rain to improve growing conditions. Late soybean planting continued in the northwest, northeast, west-central, and east-central areas. Row crops in the northeast district were showing signs of stress. Temperatures ranged from 2 degrees above average to 2 degrees below with the northern part of the State generally normal to above normal and southern areas normal to below normal. Rainfall for the week averaged 0.19 inches, ranging from about 0.01 inches in the east-central and west-central districts to 0.43 inches in the northeast district. Activities 2nd cutting alfalfa, other hay harvest, winter wheat harvest were of liveweight.

NEVADA: Days suitable for fieldwork 7. High temperatures with scattered rain showers continued this week. Temperatures averaged zero to six degrees above normal across the state. The week’s high temperatures ranged from 94 degrees in Ely to 109 degrees in Las Vegas. The week’s low temperatures ranged from 44 degrees in Elko to 78 degrees in Las Vegas. Precipitation was recorded in Reno, Elko, and Las Vegas. Few crops were harvested. Field Crops Summary Alfalfa is in generally good condition throughout the state as first cutting finishes. Livestock are in predominately good condition. Small grains, onions, and garlic are in good to very good condition. Potatoes are showing flowering conditions in very good condition. Some poor condition. Haying in progress. Alfalfa and hay fields are being cut for hay. One new fire near Mt. Callaghan, 14 miles northeast of Austin, was reported having burned 630 acres at zero percent contained. Main farm and ranch activities include irrigation, harvest of hay, weed control and equipment maintenance.
NEW ENGLAND: Days suitable for field work 5.8. Topsoil moisture 5% very short, 16% short, 71% adequate, 8% surplus. Subsoil moisture 2% very short, 14% short, 83% adequate, 1% surplus. Pasture condition 3% poor, 31% fair, 54% good, and 12% excellent. Maine Potatoes condition good/excellent. Rhode Island Potatoes condition good/excellent. Massachusetts pasture condition good. Maine Oats condition good. Maine Barley condition good. Field Corn condition good/fair in Connecticut and good elsewhere. Sweet Corn 100% emerged, 99% 2007, 99% average; 10% harvested, 10% 2007, 5% average; condition good/excellent in Rhode Island, good in Vermont, and good/fair elsewhere. Shade Tobacco 10% harvested, 10% 2007, 10% average; condition good/excellent. Broadleaf Tobacco condition good. First Crop Hay 90% harvested, 95% 2007, 90% average; condition good/fair. Second Crop Hay 30% harvested, 25% 2007, 25% average; condition good/excellent in Vermont and good/fair elsewhere. Third Crop Hay; condition good/fair. Apples Fruit Set average/above average in Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/fair in Connecticut and New Hampshire and good/excellent elsewhere. Peaches 5% harvested, 5% 2007, 0% average; Fruit Set average; Fruit Size average; condition good/fair. Pears Fruit Set average/below average in Connecticut and average elsewhere; Fruit Size average; condition good/fair. Strawberries 99% harvested, 99% 2007, 99% average; Fruit Set average; Fruit Size average; condition good/excellent in Vermont and good/fair elsewhere. Massachusetts Cranberries Petal Fall; Fruit Set average; Fruit Size average; condition good. Highbush Blueberries 15% harvested, 15% 2007, 15% average; Fruit Set average/abve average in Maine and Rhode Island and average elsewhere; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/excellent in Rhode Island and Vermont and good elsewhere. Maine Wild Blueberries Fruit Set above average; Fruit Size average/above average; condition good. Weather conditions were variable across New England over the past week. Southern states received very little rain, ranging from 0.00 to 1.10 inches of total rainfall. Thunderstorms on Friday and Saturday produced hail and high winds; crop damage has yet to be determined. Despite the rain, many areas remained very dry and irrigation was necessary. Specialists stated many crops were beginning to show signs of drought stress due to the lack of moisture and high temperatures. The week was very warm and stormy in northern states, hindering field work and dry hay production. Total precipitation ranged between 0.50 to 4.09 inches of rain. The thunderstorms on Friday and Saturday also produced hail and heavy winds in the northern states, but no damage to crops was reported. The dry, sunny days mid-week provided excellent growing conditions for all crops. Daytime temperatures across New England were average to above average and ranged from the upper-70s to low-90s. Nighttime temperatures were in the upper-50s to low-70s. Major farm activities included renovating strawberry beds, harvesting vegetables, highbush blueberries, and raspberries, applying pesticides and herbicides, hand hoeing weeds in vegetable fields, cutting hay, and spreading manure.

NEW JERSEY: Days suitable for field work 6.5. Topsoil moisture 20% very short, 35% short, 45% adequate. Subsoil moisture 5% very short, 35% short, 60% adequate. There were no measurable amounts of rainfall for the week in most localities. Temperatures were above normal during the week across the Garden State. Producers continued harvesting summer vegetables. Various crops suffered slow growth and sunburn from the hot weather throughout the state. Fields were irrigated as dry conditions persisted. In the central district, the second cutting of hay was underway. Late blueberry harvesting continued, while peaches colored nicely in south Jersey. Other activities included spraying, baling, and harvesting.

NEW MEXICO: Days suitable for fieldwork 5.4. Topsoil moisture 7% very short, 39% short, 52% adequate, 2% surplus. Wind damage 23% light, 8% moderate. Hail damage 1% light. Alfalfa 1% very poor, 8% poor, 23% fair, 60% good, 8% excellent, 60% of the third cutting complete. 1% of the first cutting 11% poor, 38% fair, 48% good, 3% excellent, 80% squaring, 30% setting bolls. Corn 2% fair, 96% good, 2% excellent, 49% silked. Irrigated sorghum 10% fair, 90% good, 19% headed. Dry sorghum 24% very poor, 50% poor, 26% fair. Irrigated winter wheat 99% harvested. Dry winter wheat 100% harvested. Peanuts 20% fair, 80% good, 55% pegged. Chile conditions 6% fair, 72% good, 7% average/above average. Barley 99% harvested. Apples 62% fair, 38% good. Pecans 20% fair, 80% good. Cattle conditions 1% very poor, 4% poor, 52% fair, 43% good. Sheep conditions 7% very poor, 13% poor, 62% fair, 18% good. Range and pasture conditions 5% very poor, 30% poor, 42% fair, 23% good. Farmers spent the week thinning, weeding and harvesting crops. Livestock producers have been busy moving cattle and hauling water. Weather conditions were favorable for all crops. For the week the rainfall measured 0.0 to 0.25 inches. There were widespread thunderstorms throughout the state. Temperatures were above normal with the exception of the western and northern parts of the state. There were reports of heat stress in pastures and the corn crop.

NEW YORK: Days suitable for fieldwork 4.8. Soil moisture 1% very short, 18% short, 71% adequate, 10% surplus. Pasture condition 1% very poor, 10% poor, 25% fair, 54% good, 10% excellent. Oat condition 1% very poor, 13% fair, 67% good, 1% excellent. Hay 9% poor, 29% fair, 48% good, 14% excellent. Winter Wheat 1% poor, 19% fair, 60% good, 20% excellent. Dry beans 97%, 99% 2007, 99% average. Alfalfa first cutting 97%, 100% 2007, 99% average. Clover-timothy hay mix 90%, 99% 2007, 92% average. Grass silage harvested 95%, 99% 2007, 95% average. Apple condition 24% poor, 26% fair, 41% good, 9% excellent. Grapes 4% poor, 11% fair, 65% good, 20% excellent. Peaches 11% poor, 23% fair, 43% good, 23% excellent. Pears 4% poor, 33% fair, 45% good, 18% excellent. A serious orchard virus affecting the peach crop appears to be spreading in western New York. Plum Pox Virus was first detected in Niagara County and spread this year to Orleans County. The raspberry, 21% turning, 39% 2007, 23% average, and the blueberry harvest has started in Ontario County. Sweet corn 98% planted, snap beans 94%, cabbage 97%, tomatoes 99%, lettuce 87%. Sweet corn condition 2% poor, 10% fair, 75% good, 13% excellent. Onions 2% poor, 18% fair, 78% good, 2% excellent. Lettuce 3% poor, 23% fair, 72% good, 2% excellent. Temperatures were above normal for the week. Several storms occurred across western and central New York Wednesday and Thursday and across northern and eastern New York Friday.

OHIO: Days suitable for fieldwork 5.8. Topsoil moisture 0% very short, 14% short, 85% adequate, 11% surplus. Winter wheat 98% harvested, 100% 2007, 94% average. Corn silked (tasseled) 31%, 70% 2007, 54% average; condition 3% very poor, 8% poor, 25% fair, 43% good, 21% excellent. Soybeans 52% blooming, 76% 2007, 67% average; Deming 2.09.
setting pods, 14% 2007, 14% avg.; condition 4% very poor, 11% poor, 32% fair, 40% good, 13% excellent Oats 49% ripe, 76% 2007, 60% avg.; 7% harvested, 24% 2007, 16% avg.; condition 0% very poor, 11% poor, 20% fair, 54% good, 15% excellent Apples harvested (summer) 40%, 18% 2007, 22% avg. Peaches 12 harvested, 17% 2007, 15% avg. Spring wheat condition 5% very short, 45% short, 38% adequate. Winter wheat condition 1% very poor, 3% poor, 14% fair, 52% good, 30% excellent. The major field activities for the past week were cutting and baling hay and harvesting winter wheat. Other field activities for the week included baling straw, mowing, manure application, chopping haylage, oat harvest, fumicide and herbicide applications, potato digging, peas harvested early, potato digging in 2007, 17% avg. Alfalfa hay 2nd cutting 74%, 83% 2007, 67% avg.; 3rd cutting 5%, 10% 2007, 4% avg. Other hay 2nd cutting 53%, 52% 2007, 40% avg. Hay condition 3% very poor, 9% poor, 28% fair, 43% good, 17% excellent. Livestock condition 0% very poor, 1% poor, 19% fair, 65% good, 15% excellent. Pasture condition 1% very poor, 5% poor, 25% fair, 53% good, 18% excellent. Winter wheat condition 1% very short, 3% short, 5% adequate, 3% surplus. Corn condition 7% very short, 33% short, 56% adequate, 4% surplus. Wheat 72% plowed this week, 57% last week, 29% last year, 74% average. Rye 77% plowed this week, 62% last week, 27% last year, 64% average. Oats 98% harvested this week, 90% last week, 76% last year, 93% average. Wheat 71% plowed this week, 52% last week, 30% last year, 72% average. Corn condition 4% poor, 20% fair, 67% good, 9% excellent; 59% silking this week, 55% last week, 88% last year, 79% average; 37% dough this week, 29% last week, 44% last year, 41% average; 13% dent this week, N/A last week, N/A last year, N/A average. Sorghum 99% planted this week, 95% last week, 97% last year, 99% average; 76% emerged this week, 63% last week, 92% last year, 95% average. Soybeans condition 3% poor, 47% fair, 44% good, 6% excellent; 96% planted this week, 91% last week, 75% last year, 95% average; 92% emerged this week, 85% last week, 61% last year, 90% average; 46% blooming this week, 24% last week, 14% last year, 36% average. Peanuts 54% setting pods 40% this week, 15% last week, 47% average. Watermelon setting fruit 92% this week, 83% last week, 100% last year, 97% average; 45% harvested this week, 21% last week, 43% last year, 51% average. Alfalfa condition 3% very poor, 7% poor, 34% fair, 44% good, 12% excellent; 3rd cutting 75% this week, 66% last week, 37% last year, 68% average; Other hay condition 4% very poor, 5% poor, 37% fair, 45% good, 9% excellent; 1st cutting 80% this week, 77% last week, 77% last year, 87% average; Livestock condition 1% very poor, 4% poor, 23% fair, 63% good, 9% excellent. Pasture and range condition 3% very poor, 7% poor, 32% fair, 49% good, 9% excellent. Livestock Prices for feeder steers less than 800 pounds averaged $110 per cwt. Prices for heifers 700-800 pounds averaged $120 per cwt. Steers 800-900 pounds averaged $125 per cwt. Steers 900-1000 pounds averaged $130 per cwt. Steers over 1000 pounds averaged $135 per cwt. Calves under 400 pounds averaged $125 per head. Calves 400-550 pounds averaged $140 per head. Calves over 550 pounds averaged $150 per head. Corn condition 4% poor, 20% fair, 5% good, 0% excellent; silked (tasseled) 97%, 100% 2007, 99% avg.; height 66 inches, 68 inches 2007, 67 inches avg.; condition 1% very poor, 6% poor, 31% fair, 41% good, 21% excellent. Barley 98% harvested, 99% 2007, 96% avg. Winter wheat 99% ripe, 100% 2007, 94% avg.; 85% harvested, 91% 2007, 73% avg. Oats 71% yellow, 85% 2007, 64% avg.; 18% ripe 2007, 24% avg.; 7% harvested, 6% 2007, 5% avg. Apples, mainly 1 & 2 grade, are doing well. The tart cherry harvest began in Yamhill County, the sweet cherry harvest was winding down in northern Wasco County. Regina cherries were being harvested in Hood River County. Pear growers continued to cut fire blight in many locations throughout the Hood River valley, with some orchard operations completed. Filberts were filling, being sprayed for filbert worm in some areas of the Williamette Valley. Nurseries, Greenhouses. Nurseries were reported to be well stocked with sales slowing in some areas. Nurseries remained busy with routine plant maintenance, watering, & feeding. Greenhouses continued with maintenance, clean-up activities in preparation for fall planting. Pasture, Dryland, Pasture, range condition continued to decline, while higher elevation, irrigated pastures remained in good shape. Livestock activities included some weaning & selling of fall calves in southwest Oregon where cattle were in good shape.
This week's warm and dry weather has aided crop progress around the state. Crops continue to progress while livestock are doing well. Box Elder reports there was no moisture reported in the county during the past 7 days. The weather continues to be hot and dry. The wheat harvest is now underway within the county. Combines were spotted south of Snowville, in the Bothwell Pocket and down by Cornville. Farmers continue to harvest alfalfa and cereal crops. Corn has grown about a foot in the last week but is still not to the tassel stage. Some corn exceeds 7 feet in height while other acreage is not expected to exceed 3 feet. Fruit farmers report that very little sweet cherry production is expected this year. Apricots are beginning to be harvested and some producers report a good crop while frost damage this spring severely reduced production for others. Peaches also sustained some damage early but producers expect a fair to good crop. Some safflower fields are blooming and look fair to good. Cache County reports hot dry weather all week in Cache County. Irrigation water seems to be adequate in most irrigation systems. Farmers are beginning to harvest alfalfa hay this week. Alfalfa and barley are almost ready to combine. Irrigated acreage is expected yield extremely well. Dry land acreage has been stressed for several weeks. Silage corn is growing well with the hotter weather. Grasshoppers have been spotted in many areas, but not at critical levels. Beaver County reports summer storms are improving range, pasture, and irrigation supplies while the 2nd alfalfa cutting is off to a good start. Sanpete County reports receiving adequate amounts of rain this week. Box Elder ranges are getting dry in the higher elevations and conditions are deteriorating in most of the county. Livestock seem to be doing well and are generally in good condition. Reports of grasshopper infestations have been received, and the producer reported seeing a couple pockets of Mormon crickets at high elevation north of Rosette. Cache County reports flies are bothering cattle and grasses on rangelands and pastures are showing stress from the lack of rain. Tooele reports grasshopper infestations on the east side of the Tooele valley. Reports from Garfield & Kane counties indicate that ranges are in good to excellent condition due to recent rains and good winter moisture.

WASHINGTON: Days suitable for fieldwork 1.4. Soil moisture 14% very short, 42% short, 44% adequate. Five counties were reporting grain harvest activities. Whitman County was reporting normal yields, but in general yields appeared to be below average throughout the state. The second cutting of alfalfa was looking good throughout the State as hot, dry weather continued. Walla Walla County reported their...
processing green pea harvest was done, and yields were variable but slightly below average due to the late spring and summer heat at harvest time. In Thurston County, Christmas tree growers began top-working Nordman fir. Grays Harbor County reported canny peas looked good, and growers were applying herbicide. Sweet corn growers were busy irrigating. In Yakima Valley, cherry harvest was winding down. Fruit growers were thinning, mowing and laying down reflective groundcovers in apple orchards. Harvest of peaches and nectarines was starting slow and late this year. Sweet corn, cucumbers and summer squash were harvested. Hop vines were filling in on the trellis and setting their flowers. In northern Washington, raspberry harvest was starting off slowly. Fields stunted by the heatwave looked better, and the fruit was developing nicely. Throughout southwest Washington, black raspberry harvest was ongoing. Hand picking of blueberries for harvest was underway. Fruit looked good but size was smaller than normal. Machine harvest was expected to begin by the end of July. Due to cooler than normal temperatures, Pacific County reported cranberry bloom had just begun. Range and pasture conditions 6% very poor, 25% poor, 20% fair, 49% good. On the west side, cattle operations were applying manure to fields and irrigating. On the east side, Walla Walla County reported non-irrigated pastures were running out of moisture while mountain pastures were still in good shape. Douglas County reported fire consumed 7,820 acres of pasture and 418 acres of CRP grass, and abnormally dry conditions continued. Klickitat County reported cattle on irrigated pastures looked good, and stream flows were holding up. Pacific County reported shellfish seedling and transfer activities continued.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 14% short, 65% adequate, 1% surplus compared with 13% very short, 56% short, 31% adequate last year. Corn conditions 1% very poor, 2% poor, 22% fair, 73% good, 2% excellent; 20% silked, 17% 2007, 26% 5-yr avg. Soybean conditions 10% fair, 89% good, 1% excellent; 26% blooming, 45% 2007, 26% 5-yr avg. Winter wheat conditions 8% poor, 16% fair, 71% good, 5% excellent; 72% harvested, 40% 2007, 58% 5-yr avg. Oat conditions 20% fair, 72% good, 8% excellent; 93% headed, 82% 2007, 87% 5-yr avg.; 15% harvested, 10% 2007, 12% 5-yr avg. Hay 2% poor, 31% fair, 62% good, 5% excellent. Hay first cutting was 93% complete, 95% 2007, 91% 5-yr avg.; second cutting 14% complete, 8% 2007, 12% 5-yr avg. Apple conditions 8% poor, 58% fair, 34% good. Peach conditions 19% poor, 65% fair, 16% good. Cattle and calves 1% poor, 8% fair, 90% good, 1% excellent. Sheep and lambs 1% poor, 4% fair, 90% good, 5% excellent. Farming activities included making hay, working with livestock, and equipment maintenance. With almost a full week of suitable days for fieldwork the first cutting hay is nearing completion.

WISCONSIN: Days suitable for fieldwork 5.0. Topsoil moisture 1% very short, 8% short, 79% adequate, 12% surplus. Temperatures ranged from 1 degree below to 3 degrees above normal. Average high temperatures ranged from 83 to 84 degrees across the state. Lows averaged from 60 to 66 degrees for the week. Precipitation ranged from 0.29 inches in Milwaukee to 3.50 inches in LaCrosse. Average corn height was 60 inches with 7 percent silking. Soybeans 33% blooming, 5% setting pods. Oats 95% headed, 2% harvested. Winter wheat 95% boot, 2% headed. Hay first cutting was 54% complete. Rains and high humidity in some areas have delayed second crop hay cutting and small grain harvesting. Crops are a couple of weeks behind where they were at this time last year.