

Weekly Weather and Crop Bulletin State Stories

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ALABAMA: Days suitable for fieldwork 6.1. Topsoil moisture 3% very short, 29% short, 65% adequate, and 3% surplus. Corn 98% Silked, 100% 2008, 99% avg.; 62% Dough, 89% 2008, 75% avg.; 27% Dent, 52% 2008, 42% avg.; 3% Mature, 7% 2008, 16% avg.; Conditions 3% very poor, 14% poor, 39% fair, 42% good, and 2% excellent. Cotton 86% Squaring, 94% 2008, 90% avg.; 35% Setting Bolls, 59% 2008, 58% avg.; Conditions 1% very poor, 4% poor, 40% fair, 53% good, 2% excellent. Peanuts 42% Pegged, 59% 2008, 55% avg.; Conditions 0% very poor, 0% poor, 46% fair, 50% good, 4% excellent. Soybeans 97% Emerged, 100% 2008, 100% avg.; 42% Blooming, 62% 2008, 64% avg.; 16% Setting Pods, 31% 2008, 33% avg.; Conditions 1% very poor, 6% poor, 42% fair, 50% good, 1% excellent. Livestock condition 0% very poor, 1% poor, 27% fair, 59% good, and 13% excellent. Pasture and range condition 0% very poor, 1% poor, 42% fair, 53% good, and 4% excellent. Satisfactory weather conditions occurred across the state last week with light rain and cooler temperatures taking place. The US Drought Monitor from July 21st illustrated the state to have 39.9 percent drought compared to 30.0 percent at the start of the calendar year, and 93.8 percent a year ago. Daytime highs for the week varied from 88 degrees in Sand Mountain to 94 degrees in Brewton and Dothan. Overnight lows ranged from 52 degrees in Hamilton to 66 degrees in Dothan. Precipitation totals for the week reached from 0 inches in Anniston, Opelika, Union Springs, and Brewton to 2.04 inches in Dothan over a period of 1 day. Cotton in the northern part of the state was retaining fruit very well, thus looked excellent. Late corn progressed well with the late rains and may have the best yield potential. Late soybeans were looking good with the mild temperatures, with the exception of herbicide application injury. Tomato ripening was slow in commercial crops due to cooler temperatures this month, and the two-spotted spider mite was beginning to make a presence, thus control measures were underway. Pastures and hay fields were doing better with all farmers working on the second cutting.

ALASKA: Days suitable for fieldwork 6.0. Topsoil moisture 60% short, 40% adequate. Subsoil moisture 30% short, 70% adequate. Barley 10% turning color, Condition 5% fair, 60% good, 35% excellent. Oats 25% dough stage, Condition 5% fair, 70% good, 25% excellent. Potatoes 55% bloom, Condition 15% fair, 55% good, 30% excellent. First cutting of hay was reported as 95% complete. Condition of the hay crop was rated as 5% poor, 45% fair, 30% good, 20% excellent. Rate of crop growth was reported as 25% slow, 40% moderate, 35% rapid. Wind or rain damage was 95% none, 5% light. The main farm activities were fertilizing hay fields, irrigation, machinery maintenance.

ARIZONA: Temperatures were above normal across the State for the week ending July 26, ranging from normal at Parker to 8 degrees above normal at Grand Canyon and Payson. The highest temperature of the week was 114 degrees at Phoenix and the lowest reading of 49 degrees occurred at Flagstaff. Precipitation was reported at 21 of the 22 stations. Grand Canyon received the most at 1.10 inches of precipitation. Coolidge and Yuma received the least with 0.01 inches. Willcox is the only reporting station with above normal precipitation to date. Cotton squaring is virtually complete across the State. Bolls are set on 78 percent of the acreage ahead of the five year average of 76 percent. Alfalfa harvest remains active on over three-quarters of the State's acreage. Alfalfa conditions are mostly good to excellent. Range and pasture conditions vary from mostly very poor to good, depending on location and elevation.

ARKANSAS: Days suitable for fieldwork 4.6. Topsoil moisture 1% very short, 23% short, 68% adequate, 8% surplus. Subsoil moisture 1% very short, 24% short, 68% adequate, 7% surplus. Corn 99% silked, 100% 2008, 100% avg.; 75% dough, 71% 2008, 80% avg.; 35%

dented, 38% 2008, 36% avg.; condition 6% very poor, 13% poor, 34% fair, 33% good, 14% excellent. Producers were limited in their field activities last week due to the rain, but some applications of herbicides, fungicides, and fertilizers were made to crops. Nearly all of the corn crop was in the silk stage by week's end as corn in the dough stage increased 25%, 4% ahead of 2008 but 5% behind the five-year average. The dent stage was 3% behind last year and 1% behind the five-year average. There were a few reports of producers treating for armyworms in corn fields. Cotton squaring was 2% behind both last year and the five-year average. Cotton setting bolls was 1 week behind both last year and the five-year average. Rice headed was 5% ahead of 2008 but 10% behind the five-year average. Sorghum headed jumped 16%, 9% ahead of 2008 but 2% behind the five-year average. Sorghum coloring was 1% ahead of last year but 16% behind the five-year average. Soybeans blooming increased 15%, 6% ahead of last year but 10% behind the five-year average. Soybeans setting pods was 3% ahead of 2008 but 13% behind the five-year average. Stinkbugs were reported in soybean fields but not yet at treatment levels. Cooler temperatures helped livestock as they were reported in fair to good condition. Pasture and range and hay crops were in fair to good condition as producers continued to spray pastures and cut hay.

CALIFORNIA: Aerial herbicide applications to rice fields slowed. Alfalfa fourth and fifth cuttings continued; some areas received treatment for worms. Sudan grass continued to be cut and baled; fields were also treated for broadleaf. Winter forage and small grains continued to be harvested for hay and silage. Cotton continued to progress with plants squaring and setting bolls. Adequate irrigation has contributed to the growing conditions. Wheat harvest has been completed in most areas. Chickpea harvest concluded. Sunflower growth continued. Corn tasseled and early planted fields started harvest for silage; some fields were treated for mites. Sorghum continued to develop. Sugarbeet harvest started. Nectarine, peach, fig and plum harvests continued normally in the San Joaquin and Sacramento valleys. The Seedless Royal and Flame grape harvest was in full swing in the San Joaquin Valley. Some fungicide sprays were applied to grape vineyards. Cool weather persisted along the North Coast, though veraison began in vineyards. The Central Coast experienced warmer weather as veraison began for earlier maturing varieties, along with mildew treatments being applied. The blackberry harvest continued. Pomegranate development continued well. The valencia orange harvest began slowing down. Regreening occurrences continued in the San Joaquin Valley. Normal spraying, maintenance continued in orchards and vineyards, along with increased irrigation to deal with hotter temperatures. Codling moth, mites, worm treatments, and sunburn prevention sprays continued for walnuts. Hull split and miticide spraying continued for almonds in the Sacramento and San Joaquin valleys. Hull split in almonds continued to pick up pace in most orchards. The harvest of summer vegetables continued in Tulare County and included peppers, squash, eggplant, cucumbers, and tomatoes. The second plantings of squash and cucumber were ongoing and recent irrigation applications increased due to higher temperatures. Honeydew melons were packed, shipped and the commercial tomato harvest was well underway. In Fresno County, garlic and onions were being harvested. Despite excellent yields on processing tomatoes, the quality was deteriorating due to hot weather, sun burning. Both yield and quality were looking good for the carrot crop. Processing onions were about halfway through the harvest and yields were expected to be above average. The second half of fresh market onions were also being harvested and it is anticipated that hail damage from a few months ago will lower the yield. Kern County's melon harvest was finishing up. Due to its late start, farmers missed

the Fourth of July market. Merced County's fresh market tomato planting was almost completed, worm sprays were being applied to the fields. Both fresh market and processing tomatoes were being harvested along with bell pepper, fresh market red and white onions, honeydew, and cantaloupe. The harvest of vegetable crops and melons for farmers' markets also progressed in Sutter County. Maintenance activities, irrigation, and ground preparation continued. Treatments for lygus, mold, powdery mildew, aphids, and spider mites were applied to processing tomatoes, the harvest is expected to begin in the next few weeks. Cantaloupes, honeydews were being harvested in Stanislaus County. Sulfur applications continued to be applied on tomatoes. Sweet corn was growing well and the early crop is about a month away from harvest. Pasture and rangeland in most areas of the state continued to deteriorate with the rising temperatures. Rapid drying of vegetation and natural water sources at all elevations in most central areas was reported. Fire danger was high in many central and southern areas. Increased supplemental feeding of cattle remaining on rangeland and dry-land pasture was a necessity. Accelerated drying of northern-area pastureland was also reported. Irrigated pasture was in good condition. High temperatures in central areas greatly increased heat stress on dairy cows, reducing milk production further. Dairy herd reduction continued at a slower pace. Some sheep and goats were grazing on dry-land grain fields, retired farmland and some rangeland. Honeybees were pollinating safflower, sunflower, vineseed, melon, squash, and cucumber plantings. Leaf cutter bees were in seed alfalfa fields.

COLORADO: Days suitable for field work 5.1. Topsoil moisture 26% short, 61% adequate 13% surplus. Subsoil moisture 2% very short, 36% short, 54% adequate 85% surplus. This week the State experienced sporadic rainfall. Alfalfa 40% 2nd cutting 64% 2008, 42% avg.; condition 2% poor 14% fair, 67% good, 17% excellent. Dry Beans 45% flowered, 55% 2008, 45% avg.; condition 1% poor, 2% fair, 76% good, 21% excellent. Spring barley 99% headed, 100% 2008, 100% avg.; 65% turning color 74% 2008, 78% avg.; 8% harvested, 7% 2008, 6% avg.; condition 3% fair, 59% good, 38% excellent. Dry onions condition 1% fair, 82% good, 17% excellent. Sugarbeets condition 85% good, 15% excellent. Summer potatoes condition 80% good, 20% excellent. Fall potatoes condition 24% fair, 42% good, 34% excellent; Spring wheat 90% headed, 98% 2008, 99% avg.; 65% turning color, 74% 2008, 78% avg.; 5% harvested, 4% 2008, 6% avg.; condition 22% fair, 68% good, 10% excellent. Winter wheat 89% ripe, 100% 2008, 100% avg. This week the State experienced dry conditions in Colorado. Most areas across the State reported above normal average temperatures for this time of year.

DELAWARE: Days suitable for fieldwork 6.3. Topsoil moisture 21% very short, 49% short, 30% adequate, 0% surplus. Subsoil moisture 28% very short, 31% short, 40% adequate, 1% surplus. Hay supplies 1% very short, 17% short, 64% adequate, 18% surplus. Other Hay second cutting 92%, 97% 2008, 89% avg.; third cutting 5%, 7% 2008, 9% avg. Alfalfa Hay second cutting 85%, 100% 2008, 99% avg.; third cutting 21%, 44% 2008, 39% avg. Pasture condition 2% very poor, 6% poor, 36% fair, 54% good, 2% excellent. Corn condition 6% very poor, 14% poor, 32% fair, 38% good, 10% excellent; 13% dough, 25% 2008, 39% avg. Soybean condition 2% very poor, 6% poor, 29% fair, 51% good, 12% excellent; 25% Blooming, 36% 2008, 37% avg.; 8% setting pods, 10% 2008, 11% avg. Apple condition 1% very poor, 4% poor, 15% fair, 75% good, 5% excellent; 5% harvested, 2% 2008, 3% avg. Peach condition 2% very poor, 8% poor, 38% fair, 51% good, 1% excellent; 40% harvested, 31% 2008, 36% avg. Barley 100% harvested, 100% 2008, 100% avg. Winter Wheat 100% harvested, 98% 2008, 99% avg. Cantaloup 19% harvested, 28%, 2008, 28% avg. Cucumbers 40% harvested, 40% 2008, 38% avg. Lima Beans 11% harvested, 10% 2008, 13% avg. Potatoes 25% harvested, 32% 2008, 22% avg. Snap Beans 34% harvested, 44% 2008, 49% avg. Sweet Corn 25% harvested, 38% 2008, 36% avg. Tomatoes 17% harvested, 17% 2008, 19% avg. Watermelons 15% harvested, 25% 2008, 25% avg. Scattered rain showers have aided dry conditions. However, we have not received enough rain to completely alleviate the dry situation."

FLORIDA: Topsoil moisture 1% very short, 11% short, 70% adequate, 18% surplus. Subsoil moisture 1% very short, 14% short, 70% adequate, 15% surplus. Peanuts 66% planted, 90% 2008, 88% 5-yr avg.; peanut condition 2% poor, 20% fair, 65% good, 13% excellent. Peanut leaf spot higher than normal due to wet foliage. Fungicide treatments applied to some peanut fields. Corn fields mostly mature, drying down. Corn silage harvest continues. Soybeans, good condition. Cotton progress lags behind normal. Drier conditions allowed second

cutting of hay to progress with good yields. Sugarcane growth favorable. Grass seed harvest increasing. Sod in good condition. Armyworms causing damage to sod, pasture, field crops. Blueberry, blackberry harvest nearing completion. Growers marketed locally grown vegetables at farmers markets, roadside stands. Field preparations underway for fall planted vegetables. Marketing of okra, avocados continues. Citrus trees, fruit responded well to sub-tropical climate. Some trees hedged, topped earlier in year had new growth. New crop fruit sizes varied on grapefruit with more consistent sizes on oranges. Grove activity fertilization, nutritional spraying, general grove maintenance. Some growers combating canker with additional copper spraying during rainy season. Growers using both aerial, ground spraying to reduce citrus psyllid population that spreads greening. Pasture Feed 1% poor, 14% fair, 55% good, 30% excellent. Cattle Condition 1% very poor, 3% poor, 16% fair, 60% good, 20% excellent. Statewide pasture condition fair to excellent, majority good or excellent. Pasture growth benefited from cooler temperatures, continued tropical showers kept pastures green, growing. Stock ponds, canals recovering at near capacity in many areas. Cattle condition continues to show improvement. Eighty percent of cattle herd rated good or excellent.

GEORGIA: Days suitable for fieldwork 6.5. Topsoil moisture 18% very short, 51% short, 30% adequate, 1% surplus. Corn 1% very poor, 11% poor, 42% fair, 36% good, 10% excellent. Soybeans 2% very poor, 12% poor, 40% fair, 42% good, 4% excellent. Sorghum 3% very poor, 5% poor, 57% fair, 33% good, 2% excellent. Apples 0% very poor, 5% poor, 14% fair, 30% good, 51% excellent. Hay 6% very poor, 17% poor, 36% fair, 36% good, 5% excellent. Pecans 0% very poor, 2% poor, 37% fair, 44% good, 17% excellent. Tobacco 6% very poor, 24% poor, 39% fair, 27% good, 4% excellent. Corn 88% dough, 89% 2008, 89% avg.; 66% dent, 65% 2008, 66% avg.; 20% mature, 15% 2008, 21% avg. Soybeans 44% blooming, 50% 2008, 54% avg.; 17% setting pods, 14% 2008, 24% avg. Sorghum 94% planted, 96% 2008, 99% avg. Peaches 87% harvested, 78% 2008, 80% avg.; 92% blooming, 96% 2008, 96% avg. Tobacco 15% harvested, 25% 2008, 32% avg. Watermelons 95% harvested, 93% 2008, 93% avg. Spotty thunderstorms provided relief to some areas while other parts of the state remained dry. More rain will be needed to improve soil moisture conditions. Insect infestations have caused damage to some crops. Some areas have begun to harvest corn. Other activities included irrigating as needed and applying weed control to crops.

HAWAII: Days suitable for fieldwork 7. Soil moisture levels were adequate in many areas with increased moisture levels in some areas due to increased showers; however, many leeward sectors of the State were short. Most banana and papaya orchards were in fair to good condition. Harvesting of fruits was at moderate to heavy levels. Warm temperatures and high soil moisture aided in fruit development. The head cabbage crop was in fair to good condition with controlled heavy irrigation. Moderate to gusty winds dominated during the beginning of the week turning muggy with increased showers during mid-week. High temperatures ranged from the upper 80's to low 90's in Honolulu.

IDAHO: Days suitable for field work 6.7. Topsoil moisture 7% very short, 23% short, 65% adequate, 5% surplus. Winter wheat turning color 83%, 84% 2008, 89% avg.; condition 0% very poor, 0% poor, 5% fair, 73% good, 22% excellent. Spring wheat turning color 34%, 28% 2008, 54% avg.; 1% harvested, 0% 2008, 1% avg. Barley turning color 36%, 48% 2008, 59% avg.; 1% harvested, 1% 2008, 2% avg. Potatoes closing middles 96%, 77% 2008, 89% avg.; condition 0% very poor, 1% poor, 5% fair, 88% good, 6% excellent. Alfalfa hay 2nd cutting harvested 43%, 43% 2008, 56% avg. Irrigation water supply 0% very poor, 1% poor, 2% fair, 65% good, 32% excellent.. Range and pasture 0% very poor, 1% poor, 22% fair, 55% good, 22% excellent. Statewide, crops remain in mostly good to excellent condition. Spring wheat and barley are almost completely headed. The Boundary County extension office noted that many crops are shorter than average due to the cool spring but yields are not likely to be affected. The Franklin County extension office reports hot weather is improving corn progress.

ILLINOIS: Days suitable for fieldwork 5.4. Topsoil moisture 6% short, 82% adequate, 12% surplus. Corn 53% tasseled, 76% 2008, 93% avg.; condition 3% very poor, 8% poor, 27% fair, 49% good, 13% excellent. Soybeans 9% setting pods, 14% 2008, 39% avg.; condition 3% very poor, 7% poor, 29% fair, 49% good, 12% excellent. Oats 86% turning yellow, 95% 2008, 98% avg.; 39% ripe 59% 2008, 80% avg. Alfalfa 10% third crop cut, 14% 2008, 23% avg. More below average temperatures were received across Illinois this past week, as field crops continue to develop below the five year average. Storms and high winds in the northern part of the state on July 24, downed parts of some corn stands. Producers reported hail in some areas. Fields are

being scouted, and mowing and spraying remain a part of farmer's weekly activities. Temperatures statewide averaged 70.0 degrees, 5.9 degrees below average. Statewide precipitation averaged 1.04 inches, 0.07 inch above average.

INDIANA: Days suitable for fieldwork 4.7. Topsoil moisture 2% very short, 18% short, 62% adequate, 18% surplus. Subsoil moisture 2% very short, 21% short, 63% adequate, 14% surplus. Corn 53% silked, 64% 2008, 84% avg.; 2% in dough, 1% 2008, 16% avg.; condition 1% very poor, 8% poor, 28% fair, 52% good, 11% excellent. Soybeans 51% blooming, 50% 2008, 71% avg.; 7% setting pods, 7% 2008, 27% avg.; condition 2% very poor, 8% poor, 26% fair, 54% good, 10% excellent. Winter wheat 99% harvested, 97% 2008, 99% avg. Pasture condition 1% very poor, 5% poor, 24% fair, 48% good, 22% excellent. Alfalfa second cutting 83% complete, 78% 2008, 87% avg. Temperatures ranged from 4° to 11° below normal with a low of 46° and a high of 87°. Total precipitation ranged from 0.39 inches to 3.87 inches. Many areas of the state received needed rain showers during the week which helped to keep crops in mostly good condition. However, cooler than normal temperatures has slowed growth and development of the major field crops. Other activities included scouting fields, baling hay, spraying herbicides, mowing roadsides, attending county fairs, and taking care of livestock.

IOWA: Days suitable for fieldwork 5.2. Topsoil moisture 1% very short, 7% short, 82% adequate, and 10% surplus. Subsoil moisture 0% very short, 4% short, 82% adequate, and 14% surplus. Corn 78% tasseled, 88% average, 62% last year. Corn 60% silked, 74% average, 41% last year. Corn at or beyond the milk stage 7%, average 21%, last year 4%. Corn condition rated 1% very poor, 4% poor, 15% fair, 54% good, and 26% excellent. Soybeans 81% blooming, 84% average, 65% last year. Soybeans 35% setting pods, 46% average, 24% last year. Soybean condition rated 1% very poor, 3% poor, 17% fair, 59% good, 20% excellent. Oats turning color 97%, 97% average, 87% last year. Oats harvested for grain 31%, 50% average, 14% last year. Oat condition rated 2% very poor, 4% poor, 23% fair, 57% good, 14% excellent. Alfalfa second harvest 68%, 80% average, 49% last year. All Hay condition rated 2% very poor, 10% poor, 26% fair, 50% good, 12% excellent. Pasture and range condition rated 1% very poor, 5% poor, 20% fair, 53% good, 21% excellent. Although some areas have not seen measureable rainfall in two weeks, the cooler than average weekly temperatures have kept corn and soybean crops in good conditions. Corn pollination is well underway across most of the State. Many fields have dried out to a point where farmers are asking for rain. Livestock on feed continue to gain well thanks to mild temperatures. Although farmers are treating crops for disease or insects, no significant damage has been reported to date.

KANSAS: Days suitable for field work 5.1. Topsoil moisture 2% very short, 19% short, 77% adequate, and 2% surplus. Subsoil moisture 2% very short, 17% short, 79% adequate, and 2% surplus. Sunflowers 99% emerged, 93% 2008, 98% avg. Blooming is 19%, 11% 2008, 19% avg.; condition 1% very poor, 6% poor, 19% fair, 59% good, and 15% excellent. Alfalfa 95% second cutting complete, 96% 2008, 98% avg. Third cutting 22% complete, 30% 2008, 44% avg. Range and pasture condition 2% very poor, 5% poor, 27% fair, 54% good, and 12% excellent. Feed grain supplies 6% short, 93% adequate, and 1% surplus. Hay and forage supplies 5% short, 85% adequate, and 10% surplus. Stock water supplies 8% short, 88% adequate, and 4% surplus.

KENTUCKY: Days suitable for field work 4.4. Topsoil moisture 4% short, 80% adequate, 16% surplus. Subsoil moisture 13% short, 80% adequate, 7% surplus. Burley tobacco blooming 38%, topped 21%, dark tobacco blooming 60%, topped 36%. Tobacco set condition 1% very poor, 5% poor, 18% fair, 49% good, 27% excellent. Pasture conditions 1% very poor, 3% poor, 20% fair, 57% good, 19% excellent. Hay crop condition 1% very poor, 3% poor, 17% fair, 58% good, 21% excellent. With continued below normal temperatures July 2009 has been one of the mildest in the past 100 years.

LOUISIANA: Days suitable for fieldwork 4.7. Soil moisture 17% very short, 21% short, 56% adequate, and 6% surplus. Corn 100% silked, 100% 2008, 100% avg.; 99% dough, 99% 2008, 98% avg.; 5% harvested, 2% 2008, 2% avg.; 2% very poor, 17% poor, 30% fair, 38% good, 13% excellent.; 100% squaring, 97% 2008, 99% avg.; 90% setting bolls, 83% 2008, and 88% avg.; 1% bolls opening, 0% 2008, 0% avg.; 2% very poor, 14% poor, 32% fair, 41% good, 11% excellent. Hay 51% second cutting, 64% 2008, and 53% avg. Peaches 83% harvested, 94% 2008, 90% avg. Rice 76% headed, 77% 2008, 80% avg.; 10% ripe, 15% 2008, 17% avg.; 1% harvested, 3% 2008, and 6% avg.; 1% very poor, 2% poor, 20% fair, 54% good, and 23% excellent. Sorghum 100% headed, 97% 2008, 93% avg.; 70% turning

color, 70% 2008, and 55% avg.; 8% very poor, 28% poor, 42% fair, 22% good, 0% excellent. Soybeans 88% blooming, 88% 2008, 91% avg.; 71% setting pods, 70% 2008, and 75% avg.; 7% turning color, 0% 2008, 7% avg.; 10% very poor, 18% poor, 36% fair, 29% good, and 7% excellent. Winter wheat 100% harvested, 100% 2008, 100% avg. Sugarcane 5% very poor, 11% poor, 37% fair, 38% good, 9% excellent. Livestock 3% very poor, 12% poor, 40% fair, 42% good, 3% excellent. Vegetable 9% very poor, 24% poor, 36% fair, 29% good, 2% excellent. Range and pasture 10% very poor, 22% poor, 38% fair, 28% good, 2% excellent.

MARYLAND: Days suitable for fieldwork 5.80. Topsoil moisture 17% very short, 38% short, 45% adequate, 0% surplus. Subsoil moisture 11% very short, 39% short, 50% adequate, 0% surplus. Hay supplies 5% very short, 2% short, 88% adequate, 5% surplus. Other Hay second cutting 70%, 59% 2008, 67% avg.; third cutting 6%, 7% 2008, 9% avg. Alfalfa Hay second cutting 86%, 100% 2008, 96% avg.; third cutting 39%, 47% 2008, 43% avg. Pasture condition 5% very poor, 12% poor, 45% fair, 33% good, 5% excellent. Corn condition 8% very poor, 11% poor, 26% fair, 41% good, 14% excellent; 30% dough, 26% 2008, 23% avg.; 2% dent, 1% 2008, 1% avg. Soybean condition 9% very poor, 12% poor, 29% fair, 40% good, 10% excellent; 34% Blooming, 39% 2008, 39% avg.; 6% setting pods, 7% 2008, 12% avg. Apple condition 12% fair, 87% good, 1% excellent; 18% harvested, 13% 2008, 11% avg. Peach condition 5% poor, 25% fair, 64% good, 6% excellent. Barley 100% harvested, 100% 2008, 100% avg. Winter wheat 100% harvested, 99% 2008, 96% avg. Cantaloup 31% harvested, 42% 2008, 37% avg. Cucumbers 53% harvested, 43% 2008, 46% avg. Lima Beans 17% harvested, 21% 2008, 37% avg. Potatoes 28% harvested, 50% 2008, 40% avg. Snap Beans 55% harvested, 46% 2008, 55% avg. Sweet Corn 40% harvested, 40% 2008, 44% avg. Tomatoes 32% harvested, 35% 2008, 28% avg. Watermelons 11% harvested, 29% 2008, 22% avg. Peaches 33% harvested, 28% 2008, 27% avg. Scattered rain showers have aided dry conditions. However, we have not received enough rain to completely alleviate the dry situation.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 13% very short, 28% short, 53% adequate, 6% surplus. Subsoil 6% very short, 38% short, 53% adequate, 3% surplus. Corn height 55 inches. Winter Wheat 3% very poor, 6% poor, 21% fair, 52% good, 18% excellent. Oats 2% very poor, 5% poor, 29% fair, 56% good, 8% excellent; 100% headed, 100% 2008, 99% avg.; turning 60%, 75% 2008, 78% avg. All hay 3% very poor, 8% poor, 28% fair, 50% good, 11% excellent. Second cutting hay 56%, 61% 2008, 62% avg.; Third cutting hay 5%, 5% 2008, 6% avg. Dry beans 5% very poor, 14% poor, 39% fair, 34% good, 8% excellent; 18% blooming, 41% 2008, 44% avg.; 4% setting pods, 4% 2008, 13% avg. Strawberries 99% harvested, 99% 2008, 100% avg. Blueberries 77% harvested, 35% 2008, 33% avg. Tart cherries 25% harvested, 55% 2008, 68% avg. Precipitation varied from 0.23 inches southwest Lower Peninsula to 2.17 inches east central Lower Peninsula. Average temperatures ranged from 4 degrees below normal Lower Peninsula and western Upper Peninsula to 3 degrees below normal eastern Upper Peninsula. Scattered thunderstorms delivered varied amounts of precipitation across State. Although damp conditions limited harvest activities, growers welcomed much needed rainfall. Some areas of State remained dry. Most crop conditions improved with recent rainfall; however crop development remained behind normal due to cool temperatures. Growers continued to report need for warmer temperatures to advance crop development. Wheat harvest underway. Some farmers south central taking wheat off wet because it had not dried out enough between rain showers. Wheat ready to be harvested but needed warmer temperatures northwest. Frequent rain showers in Thumb caused concern about wheat crop; some sprouting had occurred. Oats not turning evenly. Corn and soybeans benefitted from moisture, but both crops not as tall as they should be by this time. Corn tasseling variable throughout State. Alfalfa harvest continued with many farmers having received a second cutting. Those farmers who had gotten their second cutting pleased with quality. Some looking towards a third cutting. Sugarbeets benefitted from rain last week, as soils very dry. Reports of Cercospora leaf spot some fields. Dry beans continued to progress and looked good. However, dry bean farmers encountered cases of root rot. Apples 42 mm northwest; obliquebanded leafrollers found. Southeast, apples continued to size well as hand thinning wrapped up. Blueberry harvest continued; many different varieties being picked. Harvest of early variety peaches continued. Pears continued to size well; most 1.75 inches diameter. European plums 1 inch diameter. Harvest of summer raspberries continued. Newly planted strawberries continued to run well and had filled out rows on most farms southwest. Sweet cherry

harvest underway northwest. Although a few cracks evident, fruit appeared to be good condition. Tart cherry harvest progressed west central and northwest. Grapes at cluster tightening northwest; grape berry moth feeding evident. Warm season-crops continued to be one to two weeks behind development due to cooler temperatures. Irrigation underway where available. Early sweet corn harvest started southern Michigan. Across State, observers noted European corn borer trap catches down, but cutworm traps up. Cucumber and summer squash harvest continued with some downy mildew problems reported. Pumpkin development highly variable as wet weather delayed planting and cool temperatures slowed development. Southwest, tomatoes grown under low tunnels and early cantaloupes being harvested. Potatoes reported to be excellent condition on upland fields, where flooding did not occur this spring. Grand Rapids area, many pepper fields developing fruit, while eggplant flowering stage. Some peppers harvested southeast. Onion bulb and leek development continued; West Central region, onions reported good condition, while East Central region, some purple blotch and thrips have been observed. Seeding and harvest of radishes and cabbage continued; growers reported that cole crops have thrived with cooler weather. Celery harvest well underway, and last transplants have been placed in ground. Snap beans growing normally most areas, while fern asparagus fields developing very slowly. Carrot growers continued to monitor fields for pests and disease.

MINNESOTA: Days suitable for fieldwork 5.6. Topsoil moisture 10% very short, 33% short, 56% adequate, 1% surplus. Corn 2% milk, 0% 2008, 13% avg. Spring Wheat 24% ripening, 41% 2008, 61% avg.; 0% harvested, 0% 2008, 3% avg. Oats 96% heading, 97% 2008, 99% avg.; 61% ripening, 56% 2008, 79% avg. Barley 26% ripening, 48% 2008, 70% avg.; 0% harvested, 1% 2008, 10% avg. Potatoes 0% harvested, 1% 2008, 0% avg.; condition 1% poor, 14% fair, 58% good, 27% excellent. Sweet Corn 1% harvested, 0% 2008, 4% avg. Pasture condition 8% very poor, 15% poor, 34% fair, 40% good, 3% excellent. Sugarbeet condition 2% very poor, 5% poor, 25% fair, 55% good, 13% excellent. Canola condition 4% poor, 40% fair, 55% good, 1% excellent. Sunflower condition 1% very poor, 9% poor, 32% fair, 49% good, 9% excellent. Dry Bean condition 2% very poor, 5% poor, 26% fair, 58% good, 9% excellent. The week's weather was active producing showers and thunderstorms throughout the state. Hail and heavy rains were associated with stronger storms. However, precipitation amounts were quite variable and topsoil moisture supplies declined. Green pea harvest was nearly complete in some locations while sweet corn harvest was just beginning. Winter wheat harvest began in portions of the state last week.

MISSISSIPPI: Days suitable for fieldwork 5.1. Soil moisture 11% very short, 29% short, 58% adequate and 2% surplus. Corn 100% silked, 100% 2008, 100% avg.; 96% dough, 96% 2008, 94% avg.; 78% dent, 74% 2008, 74% avg.; 6% mature, 12% 2008, 15% avg.; 40% silage harvested, 25% 2008, 47% avg.; 3% very poor, 14% poor, 35% fair, 38% good, 10% excellent. Cotton 100% squaring, 99% 2008, 99% avg.; 73% setting bolls, 78% 2008, 84% avg.; 2% very poor, 7% poor, 36% fair, 44% good, 11% excellent. Peanuts 99% pegging, 98% 2008; 0% very poor, 0% poor, 52% fair, 40% good, 8% excellent. Rice 27% heading, 35% 2008, 50% avg.; 0% very poor, 7% poor, 29% fair, 56% good, 8% excellent. Sorghum 98% heading, 91% 2008, 96% avg.; 23% turning color, 51% 2008, 48% avg.; 1% very poor, 2% poor, 52% fair, 41% good, 4% excellent. Soybeans 98% blooming, 96% 2008, 98% avg.; 86% setting pods, 84% 2008, 89% avg.; 5% turning color, 1% 2008, 10% avg.; 3% very poor 10% poor, 35% fair, 41% good, 11% excellent. Winter wheat 100 harvested, 100% 2008, 100% avg. Hay (harvested-warm) 70%, 67% 2008, 62% avg.; 0% very poor, 6% poor, 35% fair, 38% good, 21% excellent. Sweetpotatoes 100% planted, 100% 2008, 100% avg.; 0% very poor, 0% poor, 24% fair, 57% good, 19% excellent. Watermelons 94% harvested, 94% 2008, 90% avg. Cattle 3% very poor, 6% poor, 27% fair, 52% good, 12% excellent. Pasture 4% very poor, 12% poor, 42% fair, 33% good, 9% excellent. The recent rainfall and cooler temperatures in the northern and central parts of the state have been a welcomed relief to many producers. The favorable weather has boosted forage growth and given cattle some relief from all of the heat. Portions of south Mississippi are still experiencing drought-like weather conditions.

MISSOURI: Days suitable for fieldwork 5.3. Topsoil moisture 1% very short, 12% short, 81% adequate, 6% surplus. Alfalfa hay 2nd cutting 84%, 67% 2008, 89% normal. Other hay cut 90%, 84% 2008, 93% normal. Pasture condition 5% poor, 29% fair, 57% good, and 9% excellent. Rainfall averaged 1.07 inch. Temperatures were 4 to 8 degrees below normal across the State.

MONTANA: Days suitable for field work 6.6. Topsoil moisture 13% very short, 25% last year; 47% short, 43% last year; 39% adequate, 31% last year; 1% surplus, 1% last year. Subsoil moisture 17% very short, 19% last year; 49% short, 43% last year; 34% adequate, 37% last year; 0% surplus, 1% last year. Winter wheat condition 4% very poor, 1% last year; 12% poor, 8% last year; 36% fair, 37% last year; 41% good, 40% last year; 7% excellent, 14% last year. Barley condition 2% very poor, 1% last year; 10% poor, 7% last year; 33% fair, 35% last year; 44% good, 50% last year; 11% excellent, 7% last year. Spring wheat condition 5% very poor, 5% last year; 12% poor, 10% last year; 31% fair, 33% last year; 47% good, 46% last year; 5% excellent, 6% last year. Durum Wheat condition 5% very poor, 12% last year; 10% poor, 31% last year; 41% fair, 31% last year; 31% good, 25% last year; 13% excellent, 1% last year. Barley 88% headed, 88% last year; 31% turning, 38% last year. Durum Wheat 93% boot, 100% last year; 91% headed, 89% last year; 23% turning, 56% last year. Lentils 96% blooming, 94% last year. Oats 98% headed, 89% last year; 51% turning, 61% last year; 1% harvested, 0% last year. Spring Wheat 97% boot stage, 99% last year; 91% headed, 95% last year; 29% turning, 46% last year. Winter Wheat 93% turning, 92% last year; 4% harvested, 2% last year. Alfalfa hay first cutting, 95% complete, 93% last year. Alfalfa hay second cutting 1% complete, 2% last year. Other hay first cutting 85% complete, 85% last year. Canola 100% blooming, 100% last year; 49% turning, 49% last year. Dry peas 92% blooming, 100% last year; 7% harvested, 9% last year. Montana saw temperatures in the high 90s to low 100s with limited moisture last week. Miles City had the high temperature at 103 degrees. Wisdom, for the third week in a row, had the low temperature at 33 degrees. Choteau received the greatest amount of precipitation during the week with 1.04 inches. Range and pasture feed condition 6% very poor, 5% last year; 15% poor, 15% last year; 40% fair, 36% last year; 34% good, 31% last year; 5% excellent, 13% last year.

NEBRASKA: Days suitable for fieldwork 6.1. Topsoil moisture 3% very short, 21% short, 74% adequate, and 2% surplus. Subsoil moisture 2% very short, 16% short, 80% adequate, and 2% surplus. Corn conditions 2% very poor, 5% poor, 15% fair, 54% good, and 24% excellent. Corn irrigated conditions 2% very poor, 5% poor, 14% fair, 55% good, and 24% excellent. Corn dryland conditions 2% very poor, 5% poor, 17% fair, 54% good, and 22% excellent. Corn 77% silked, 68% 2008, 83% avg.; 8% dough, 3% 2008, 13% avg. Soybean conditions 1% very poor, 3% poor, 15% fair, 63% good, and 18% excellent; 75% blooming, 60% 2008, 77% avg.; 24% setting pods, 14% 2008, 35% avg. Sorghum conditions 1% very poor, 2% poor, 25% fair, 56% good, and 16% excellent; 6% headed, 4% 2008, 18% avg.; 0% turning color, 0% 2008, 0% avg. Wheat 99% ripe, 97% 2008, 99% avg.; 85% harvested, 86% 2008, 94% avg. Oats conditions 0% very poor, 2% poor, 8% fair, 69% good, and 21% excellent. Oats 43% harvested, 45% 2008, 73% avg. Dry beans conditions 1% very poor, 10% poor, 19% fair, 66% good, and 4% excellent; 56% blooming, 56% 2008, 52% avg.; 12% setting pods, 10% 2008, 12% avg. Alfalfa conditions 1% very poor, 5% poor, 24% fair, 58% good, 12% excellent; 84% 2nd cutting, 76% 2008, 88% avg.; 5% 3rd cutting, 4% 2008, 9% avg. Pasture and range conditions 1% very poor, 3% poor, 22% fair, 59% good, and 15% excellent. Wild hay conditions rated 0% very poor, 1% poor, 13% fair, 70% good, and 16% excellent. Wild hay harvested 43%. Wheat harvest was active in western counties with irrigation and haying statewide. Fungicides were being applied to corn in parts of the state. Hail damage has been reported in parts of the state from a mid-week storm. Temperatures averaged 5 degrees below normal, ranging from highs near 100 to lows in the upper 40's. Precipitation was widespread with most districts averaging near a half inch.

NEVADA: Days suitable for fieldwork 7. Warm temperatures dominated the State this week. Temperatures ranged between zero and ten degrees above normal. Las Vegas recorded the highest temperature across the State reporting 107 degrees while Winnemucca and Reno were second reporting a high of 101 degrees. Ely reported the lowest temperature at 48 degrees. Reno, Ely, Eureka, Tonopah, and Las Vegas recorded precipitation. Las Vegas recorded the most with 0.26 inches. Pasture and range conditions are in good to excellent condition. Some drying of pastures has occurred. First cutting of alfalfa and other hay neared completion. Some grain hay has been cut. Cattle generally look in good condition and have been moved to summer pastures. Main farm and ranch activities include irrigation, weed control, fertilizing, haying, equipment maintenance, and some insect control.

NEW ENGLAND: Days suitable for field work 4.2. Topsoil moisture 51% adequate, 49% surplus. Subsoil moisture 54% adequate, 46%

surplus. Pasture condition 13% poor, 28% fair, 37% good, 22% excellent. Maine Potatoes condition good/excellent. Rhode Island Potatoes condition poor. Massachusetts Potatoes condition good. Maine Oats condition good. Maine Barley: condition good. Field Corn 100% emerged, 100% 2008, 99% average; condition fair/good. Sweet Corn 100% planted, 100% 2008, 100% average; 99% emerged, 100% 2008, 99% average; 5% harvested, 15% 2008, 15% average; condition good/fair. Shade Tobacco 5% harvested, 20% 2008, 15% average; condition good/fair. Broadleaf Tobacco condition good/fair. First Crop Hay 85% harvested, 90% 2008, 90% average; condition poor/fair in Massachusetts, fair/good elsewhere. Second Crop Hay 25% harvested, 40% 2008, 35% average; condition fair/good. Apples Fruit Set average/below average in Connecticut, average elsewhere; Fruit Size average/above average in Massachusetts and New Hampshire, average elsewhere; condition good/fair. Peaches 15% harvested, 10% 2008, 5% average; Fruit Set average/below average in New Hampshire, average elsewhere; Fruit Size average/above average in New Hampshire and Rhode Island, average elsewhere; condition good/fair in Connecticut and Massachusetts, good elsewhere. Pears Fruit Set average; Fruit Size average; condition fair/good in Connecticut, good/fair elsewhere. Strawberries 95% harvested, 99% 2008, 100% average; Fruit Set average/above average in Maine, average elsewhere; Fruit Size average; condition good/fair. Massachusetts Cranberries Petal Fall and beyond; condition good. Highbush Blueberries 25% harvested, 25% 2008, 30% average; Fruit Set average; Fruit Size average; condition good/fair in Connecticut, good elsewhere. Maine Wild Blueberries Fruit Set above average; Fruit Size average; condition good. Last week began with below average high temperatures ranging in the mid-60s to low 80s. Nighttime temperatures were generally average, ranging in the mid-50s to mid-60s. Significant rainfall moved into the area Tuesday and Thursday, ranging from 0.5 inches to over 3.0 inches north to south. Temperatures remained below average mid-week for all states. Throughout the weekend, temperatures remained below average in Maine, but were mostly average elsewhere, ranging in the upper 70s to mid-80s. Weekend weather was partly cloudy with rain. Total precipitation for the week ranged between 0.88 and 4.19 inches. Farmers were hand hoeing weeds, cutting and baling dry hay/haylage, mowing orchard floors, applying pesticides and fungicides to vegetable and fruit crops, scouting for pests, and harvesting early season vegetables, blueberries, and raspberries.

NEW JERSEY: Days suitable for field work 6.0. Topsoil moisture 10% short, 85% adequate, 5% surplus. Subsoil moisture 10% short, 85% adequate, 5% surplus. There were measurable amounts of rainfall for the week in some localities. Temperatures were below normal across the Garden State. Activities during the week were cutting hay and spraying herbicides. Conditions for corn and soybeans rated fair to good. Less supplemental feeding of livestock was needed as pastures were adequate. Summer vegetable harvesting including sweet corn, snap beans, cucumbers, and cabbage progressed. Fall vegetable planting continued. Early variety peach harvesting continued with good to excellent quality.

NEW MEXICO: Days suitable for fieldwork 6.0. Topsoil moisture 18% very short, 35% short, 45% adequate, 2% surplus. Wind damage 12% light, 1% moderate; 6% of cotton crop affected, 10% of sorghum crop affected. Hail damage 1% light, 1% severe; 17% of cotton crop affected, 1% of corn crop affected. Alfalfa 8% poor, 19% fair, 61% good, 12% excellent; 100% of the second cut completed, 75% of the third cut completed, 13% of the fourth cut completed. Cotton 20% poor, 45% fair, 25% good, 10% excellent; 96% squaring, 47% setting bolls. Corn 2% poor, 19% fair, 34% good, 45% excellent; 68% silked, 5% dough. Irrigated sorghum 31% fair, 58% good, 11% excellent; 11% headed. Dry sorghum 5% very poor, 46% poor, 44% fair, 5% good; 13% headed. Total sorghum 3% very poor, 30% poor, 39% fair, 24% good, 4% excellent; 12% headed. Total winter 100% harvested. Peanuts 100% fair; 59% pegging. Chile 32% fair, 30% good, 38% excellent with 12% light pod set, 59% average pod set, 29% heavy pod set; 14% green chile harvested. Onion 17% fair, 44% good, 39% excellent; 87% harvested. Apples 16% very poor, 16% good, 68% excellent. Pecans 1% very poor, 1% poor, 29% fair, 46% good, 23% excellent with 19% light nut set, 66% average nut set, 15% heavy nut set. Cattle 19% poor, 42% fair, 35% good, 4% excellent. Sheep 16% very poor, 35% poor, 37% fair, 12% good. Range and pasture 11% very poor, 27% poor, 37% fair, 23% good, 2% excellent. Scattered showers and thunderstorms brought much needed rainfall to New Mexico during the week. Generally, the Northwest Plateau received less than a tenth of an inch, while the remainder of the state received significantly greater amounts. Tatum and Las Vegas reported 2.82 and 2.46 inches of rain

respectively. Temperatures were a few degrees above normal in the western sections of the state, but at/or slightly below normal elsewhere.

NEW YORK: Days suitable for fieldwork 3.8. Soil moisture 1% short, 66% adequate and 33% surplus. Pastures 3% poor, 15% fair, 60% good, and 22% excellent. Winter wheat condition 12% poor, 34% fair, 44% good, 10% excellent. Oats 2% poor, 14% fair, 63% good, 21% excellent. Hay 8% poor, 24% fair, 50% good, 18% excellent. Dry beans 93% planted, 96% 2008, 98% average. Alfalfa 1st cutting 98%, 100% 2008. Wheat harvest underway. Wetness slowing progress of harvests. Apples 8% poor, 21% fair, 42% good, 29% excellent condition. Grapes 14% poor, 30% fair, 38% good, 18% excellent. Disease pressure high in grapes. Sweet corn harvest started. Temperatures were slightly below normal at the beginning of the week, close to seasonal normals during the weekend. Precipitation was widespread to much of New York State with some severe thunderstorms including a few tornadoes in western New York.

NORTH CAROLINA: Days suitable for fieldwork 5.8. Topsoil moisture 11% very short, 31% short, 54% adequate, 4% surplus. The state received scattered showers last week. Precipitation ranged from no rain to 2.78 inches in Lewiston. Average temperatures were below normal, ranging from 65 to 82 degrees. Activities during the week included cutting hay and harvesting flue-cured tobacco.

NORTH DAKOTA: Days suitable for fieldwork 6.8. Topsoil moisture 2% very short, 23% short, 71% adequate, 4% surplus. Subsoil moisture 1% very short, 16% short, 75% adequate, 8% surplus. Durum wheat 83% headed, 93% 2008, 87% avg.; 43% milk, 73% 2008, 64% avg.; 6% turning, 50% 2008, 33% avg.; condition 1% poor, 14% fair, 71% good, 14% excellent. Spring wheat was 52% milk, 90% 2008, 86% avg.; 10% turning, 54% 2008, 55% average. Barley was 70% milk, 94% 2008, 89% avg.; 20% turning, 67% 2008, 66% average. Oats were 75% milk, 92% 2008, 89% avg.; 18% turning, 65% 2008, 62% average. Canola 96% blooming, 100% 2008, 99% avg.; 9% turning, 36% 2008, 41% avg. Condition 1% poor, 13% fair, 67% good, 19% excellent. Dry edible peas 20% mature, 70% 2008, average not available; condition 14% fair, 78% good, 8% excellent. Flaxseed 87% blooming, 94% 2008, 95% avg.; 3% turning, 15% 2008, 24% avg.; condition 1% poor, 21% fair, 73% good, 5% excellent. Dry edible beans 56% blooming, 65% 2008, 73% avg.; 8% setting pods, 17% 2008, 37% avg.; condition 3% very poor, 4% poor, 30% fair, 58% good, 5% excellent. Potatoes 87% blooming, 84% 2008, 92% avg.; 36% rows filled, 41% 2008, 64% avg.; condition 7% very poor, 6% poor, 22% fair, 55% good, 10% excellent. Sugarbeet condition 1% very poor, 3% poor, 13% fair, 67% good, 16% excellent. Sunflowers 2% blooming, 8% 2008, 19% avg.; condition 1% poor, 21% fair, 69% good, 9% excellent. Pasture and range conditions 3% poor, 21% fair, 62% good, 14% excellent. Stockwater supplies 2% short, 90% adequate, 8% surplus. First cutting alfalfa 97% complete, 95% 2008, average not available. Near normal temperatures and below normal precipitation aided crop conditions in wet areas and hindered it in drier areas. Observers in the central district reported that limited precipitation was negatively affecting crop development. However, reporters in the northeast commented that the dry, warm weather was beneficial for a variety of crops.

OHIO: Days suitable for fieldwork 4.3. Soil moisture 7% very short, 25% short, 64% adequate, 4% surplus. Hay 4% very poor, 10% poor, 36% fair, 42% good, 8% excellent. Livestock condition 1% very poor, 2% poor, 19% fair, 65% good, 13% excellent. Corn 1% very poor, 4% poor, 23% fair, 53% good, 19% excellent; silked (tasseled) 59%, 58% 2008, 78% avg.; 4% in dough, 1% 2008, 8% avg. Oats 0% very poor, 4% poor, 29% fair, 60% good, 7% excellent; 64% ripe, 70% 2008, 82% avg.; 24% harvested, 15% 2008, 31% avg. Pasture and Range 3% very poor, 12% poor, 33% fair, 47% good, 5% excellent. Soybeans 1% very poor, 4% poor, 29% fair, 51% good, 15% excellent; 68% blooming, 69% 2008, 80% avg.; 16% setting pods, 17% 2008, 30% avg. Winter wheat 98% harvested, 100% 2008, 99% avg. Alfalfa hay second cutting 85%, 81% 2008, 81% avg.; third cutting 13%, 10% 2008, 12% avg. Other hay second cutting 60%, 60% 2008, 57% avg.; third cutting 3%, 3% 2008, 4% avg. Peaches 35% harvested, 33% 2008, 27% avg. Apples % summer varieties harvested 41%, 44% 2008, 34% avg. Cucumbers 41% harvested, 29% 2008. Potatoes 11% harvested, 3% 2008, 1% avg. Processing tomatoes harvested 1%, 0% 2008, 0% avg.

OKLAHOMA: Days suitable for fieldwork 6.1. Topsoil moisture 36% very short, 43% short, 21% adequate, 0% surplus. Subsoil moisture 28% very short, 47% short, 25% adequate, 0% surplus. Wheat plowed 88% this week, 78% last week, 79% last year, 77% average. Rye plowed 77% this week, 75% last week, 82% last year, 82% average.

Oats plowed 86% this week, 76% last week, 79% last year, 79% average. Corn condition 5% very poor, 13% poor, 25% fair, 29% good, 28% excellent; 90% silking this week, 66% last week, 82% last year, 90% average; 44% dough this week, 34% last week, 44% last year, 52% average. Sorghum 89% emerged this week, 77% last week, 85% last year, 94% average. Soybeans condition 3% very poor, 13% poor, 31% fair, 48% good, 5% excellent; 51% blooming this week, 38% last week, 52% last year, 50% average; 12% headed this week, N/A last week, 11% last year, 23% average. Peanuts 18% setting pods this week, N/A last week, 56% last year, 59% average. Alfalfa hay condition 5% very poor, 13% poor, 42% fair, 34% good, 6% excellent; 3rd cutting 74% this week, 50% last week, 82% last year, 78% average. Other hay condition 6% very poor, 23% poor, 43% fair, 25% good, 3% excellent; 1st cutting 88% this week, 83% last week, 85% last year, 88% average; 2nd cutting 18% this week, 10% last week, 13% last year, 21% average. Watermelons 90% setting fruit this week, 89% last week, 95% last year, 98% average; 24% harvested this week, 21% last week, 53% last year, 59% average. Livestock condition 1% very poor, 6% poor, 38% fair, 50% good, 5% excellent. Pasture and range condition 5% very poor, 15% poor, 44% fair, 33% good, 3% excellent. Livestock Prices for feeder steers less than 800 pounds averaged \$103 per cwt. Prices for heifers less than 800 pounds averaged \$98 per cwt. Livestock conditions continued to rate in the mostly good to fair range. Average livestock marketings were reported last week.

OREGON: Days suitable for fieldwork 6.9. Topsoil moisture 27% very short, 41% short, 31% adequate, 1% surplus. Subsoil moisture 19% very short, 41% short, 40% adequate, 0% surplus. Alfalfa Hay 78% second cutting, 76% 2008, 51% avg.; 11% third cutting, 0% 2008, 0% average. Spring Wheat 44% harvested, 41% 2008, 25% avg.; Condition 8% very poor, 21% poor, 27% fair, 39% good, 5% excellent. Winter Wheat 49% harvested, 45% 2008, 39% avg.; Condition 10% very poor, 21% poor, 35% fair, 32% good, 2% excellent. Corn Condition 0% very poor, 3% poor, 25% fair, 68% good, 4% excellent. Barley 45% harvested, 49% 2008, 24% avg.; Condition 4% very poor, 8% poor, 35% fair, 46% good, 7% excellent. Range, Pasture 6% very poor, 16% poor, 31% fair, 43% good, 4% excellent. Weather Conditions were hot everywhere except for along the Coast. High temperatures ranged from 103 degrees in Medford, Ontario, down to 61 degrees in Crescent City. Six stations reported triple digit highs. Low temperatures ranged from 39 degrees in Christmas Valley, up to 59 degrees in Medford. Only three of the forty-three stations reported a measurable amount of precipitation last week. Field Crops The grass seed harvest was in full swing, wheat was harvested, the alfalfa hay harvest progressed through the second, third cuttings. The heat, lack of moisture was quickly drying up dryland crops, but irrigated crops held up. Red clover was blooming, but struggled in the hot, dry conditions. Corn for silage fared very well this week. Vegetables Irrigation of vegetable crops remained high in another week of hot, dry conditions. Many different vegetables could be found in local farmers markets or roadside stands, including cucumbers, snap beans, summer squashes, sweet corn, tomatoes, cabbage, green beans. The lack of moisture has made water scarce, but irrigated crops were still looking good. Fruits, Nuts Berry harvest continued across the State. In Clackamas County, blueberries, Marionberries harvests has passed their peak. Washington, Columbia counties reported ongoing harvest of blackberries, blueberries, loganberries, Marionberries, raspberries. Summer orchard operations continued throughout the Hood River Valley. Cherry harvest continued in the lower, mid-valley while harvest began in the upper valley. Cherry harvest in the Dufur area is nearly complete. Wasco County reported that apricots, peaches were picked last week. Nurseries, Greenhouses Nurseries were very busy with irrigation, plant care activities. Greenhouses continued to clean-up facilities to prepare for late-season planting. Livestock, Range & Pasture The hot, dry weather continued to dry out non-irrigated pastures across the State. Supplemental feeding was needed, water was in short supply in areas. Livestock on higher elevations or irrigated pastures were holding up well.

PENNSYLVANIA: Days suitable for fieldwork 4. Soil moisture 1% very short 8% short, 81% adequate, 10% surplus. Corn 55% silk, 62% 2008, 67% avg.; 8% dough, 6% 2008, 11% avg.; height 69 inches, 66 inches 2008, 74 inches avg.; condition 1% very poor, 5% poor, 18% fair, 53% good, 23% excellent. Winter Wheat 94% harvested, 94% 2008, 93% avg. Oats 88% yellow, 84% 2008, 83% avg.; 36% ripe, 40% 2008, 44% avg.; 12% harvest, 16% 2008, 17% avg.; condition 2% poor, 19% fair, 60% good, 19% excellent. Alfalfa second cutting 81% complete, 90% 2008, 85% avg.; third cutting 18% complete, 28%

2008, 25% avg. Timothy clover second cutting 51% complete, 30% 2008, 31% avg. Peaches 37% harvested, 26% 2008, 28% avg.; conditions 5% fair, 68% good, 27% excellent. Apples 11% harvested, 9% 2008, 8% avg.; conditions 6% fair, 66% good, 28% excellent. Soybean crop condition 4% poor, 25% fair, 48% good, 23% excellent. Quality of hay made 4% very poor, 20% poor, 20% fair, 43% good, 13% excellent. Pasture conditions 3% very poor, 11% poor, 23% fair, 47% good, 16% excellent. Pennsylvania had a week of wet conditions that varied across the state. The primary field activities included spraying, spreading manure, and inside maintenance. While the moisture was needed in some locations, it was not an optimal week for hay making and other field work. Agriculturalists are now hoping for a few warmer periods to help crops mature and get field work accomplished.

SOUTH CAROLINA: Days suitable for fieldwork 6.5. Soil moisture 10% very short, 56% short, 34% adequate, 0% surplus. Corn 2% very poor, 12% poor, 42% fair, 40% good, 4% excellent; 84% doughed, 70% 2008, 84% avg.; 26% matured, 13% 2008, 21% avg.; 0% harvested, 0% 2008, 1% avg. Soybeans 30% bloomed, 36% 2008, 42% avg.; 1% very poor, 4% poor, 48% fair, 47% good, 0% excellent; 7% pods set, 8% 2008, 14% avg. Tobacco topped 100%, 92% 2008, 97% avg.; 4% very poor, 4% poor, 33% fair, 50% good, 9% excellent; 41% harvested, 25% 2008, 30% avg. Hay 4% very poor, 9% poor, 36% fair, 51% good, 0% excellent. Hay other hay 87%, 66% 2008, 75% avg. Peaches 0% very poor, 2% poor, 18% fair, 80% good, 0% excellent; 71% harvested, 59% 2008, 60% avg. Livestock condition 1% very poor, 2% poor, 36% fair, 60% good, 1% excellent. Snapbeans, fresh harvested 100%, 100% 2008, 99% avg. Watermelons 91% harvested, 87% 2008, 87% avg. Tomatoes, fresh harvested 98%, 97% 2008, 98% avg. Cantaloupes 87% harvested, 87% 2008, 92% avg. Rainfall during the past week for much of the State can be described as either abundant or none, with few areas falling in between. It was hot, but not excessively hot at least not by South Carolina standards in most places. Crops saw very modest improvement over the previous week, but the numbers can be deceptive, as producers that had rain saw progress, and those that didn't experienced further decline. Although additional rainfall would be welcome for corn, the crop has mostly been made at this point. Some cotton growers have continued to report stinkbugs in their fields. Those same growers were still having to apply insecticides to maintain control on that situation. With all of the dry days last week, tobacco producers have been able to keep their crews in the fields, keeping harvest ahead of where it usually is for this time of year. Livestock and pasture conditions saw a very little improvement this past week. Summer vegetable harvesting was beginning to wind down. Thunderstorms, few and far between, formed during the afternoon hours early in the week. Catawba, in York County, measured 2.87 inches from a downpour on Monday. The convergence of a sea-breeze boundary and weak frontal boundary helped produce a "cloudburst" across parts of Lexington and Richland counties on Tuesday night. The Columbia Metropolitan Airport received 1.98 inches of rain in thirty minutes. The excessive rates of rain caused flash flooding near streams and low-lying, flood-prone areas. The Rocky Branch Creek at Whaley and Main Streets in Columbia reached a peak gage reading of 11.9 feet (4.7 feet above flood stage) at 11:00 p.m. on Tuesday. Seasonal heat and humidity returned on Thursday and continued through the weekend. Friday's thunderstorms were concentrated over the coastal counties. Hardeeville measured 2.25 inches of rain and the N Myrtle Beach received 1.91 inches. Bamberg and McCormick reported high temperatures of 97 degrees on Saturday. Even the state's Foothills could not escape the heat on Sunday. The Clemson and Greer airports both recorded a maximum shade temperature of 96 degrees. The state average temperature for the week was one degree below normal. The highest official temperature reported was 100 degrees at Johnston on July 26. The lowest official temperature reported was 56 degrees at Table Rock and Long Creek on July 20. The heaviest 24-hour rainfall reported was 3.77 inches at Columbia Airport on July 22. The state average rainfall for the period was 0.7 inches. South Carolina river stages were near normal.

SOUTH DAKOTA: Days suitable for fieldwork 6.4. Topsoil moisture 8% very short, 29% short, 57% adequate, 6% surplus. Subsoil moisture 12% very short, 27% short, 56% adequate, 5% surplus. Winter wheat ripe 86%, 75% 2008, 92% avg.; 4% very poor, 9% poor, 33% fair, 43% good, 11% excellent. Barley 100% headed, 100% 2008, 100% avg.; turning color 77%, 85% 2008, 91% avg.; ripe 14%, 17% 2008, 44% avg.; 0% harvested, 1% 2008, 14% avg.; 1% very poor, 9% poor, 25% fair, 50% good, 15% excellent. Oats turning color 82%, 87%

2008, 93% avg.; ripe 37%, 36% 2008, 61% avg. Spring wheat turning color 85%, 79% 2008, 93% avg.; ripe 25%, 10% 2008, 48% avg.; 3% harvested, 0% 2008, 19% avg. Corn cultivated or sprayed twice 88%, 90% 2008, 96% avg. Corn tasseled 36%, 39% 2008, 68% avg. Sunflower blooming 8%, 2% 2008, 10% avg. Sunflower 1% very poor, 4% poor, 22% fair, 63% good, 10% excellent. Alfalfa hay 2nd cutting harvested 63%, 54% 2008, 67% avg.; 4% very poor, 10% poor, 24% fair, 46% good, 16% excellent. Other hay harvested 80%, 75% 2008, 82% avg. Feed supplies 1% very short, 5% short, 86% adequate, 8% surplus. Stock water supplies 1% very short, 9% short, 83% adequate, 7% surplus. Cattle condition 1% poor, 15% fair, 63% good, 21% excellent. Sheep condition 1% poor, 13% fair, 63% good, 23% excellent. Warmer, drier weather helped with row crop development, harvesting of small grains and cutting of alfalfa; but insects are now becoming a hindrance for both crops and livestock.

TENNESSEE: Days suitable for fieldwork 5. Topsoil moisture 1% very short, 12% short, 79% adequate, and 8 surplus. Subsoil moisture 2% very short, 20% short, 74% adequate, and 4% surplus. Tobacco 20% topped, 20% 2008, 20% average. Pastures 1% very poor, 7% poor, 25% fair, 54% good, 13% excellent. Abundant moisture last week across the state continued to aid good crop development and growth. Pastures have also responded positively to the moisture and cooler temperatures. Some reports of water damage and insect pressure again were reported on tobacco and vegetable fields. Other main field activities last week included spraying and cutting hay. Crops remained rated in fair-to-good condition. Temperatures across the state averaged near to slightly below normal. Rainfall was below normal across the Plateau and Eastern parts of the state, while the Middle and East experienced near to above normal rainfall this past week.

TEXAS: Top soil moisture was mostly very short to short across the state. Oat condition was mostly very poor to fair. Cotton condition was mostly fair to good statewide. Corn condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Peanut condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Range and Pasture condition was mostly very poor to fair statewide. The southern part of the state received little to no rainfall while scattered showers brought up to 3 inches of rainfall across the rest of the state. In the Northern High Plains, wheat field preparation took place, grain sorghum headed out, and sunflowers were in full bloom. Irrigated cotton was blooming and corn matured in the Southern High Plains. Grain sorghum heads were turning color in the Blacklands. In the Trans-Pecos, cotton squaring continued, chilies were in full bloom, and pecan nut development continued. Drought conditions in South East Texas and the Upper Coast has caused the corn crop to suffer. Peanut pegging was active in the Northern Low Plains and South Texas. Supplemental feeding of livestock continued in localized parts of the state. Recent rainfall improved range and pasture conditions in the northern part of the state while conditions continued to decline in the southern part of the state and were in need of moisture.

UTAH: Days suitable for field work 7. Subsoil moisture 5% very short, 27% short, 68% adequate, 0% surplus. Irrigation Water Supplies 5% very short, 17% short, 78% adequate, 0% surplus. Winter Wheat 16% harvested, 22% 2008, 27% avg.; Condition 0% very poor, 5% poor, 24% fair, 49% good, 22% excellent. Spring Wheat 91% headed, 99% 2008, 99% avg.; 4% harvested, 0% very poor, 0% poor, 12% fair, 63% good, 25% excellent. Barley harvested (grain) 7%. Barley Condition 0% very poor, 0% poor, 7% fair, 68% good, 25% excellent. Oats 95% headed, 87% 2008, 90% avg.; harvested (grain) 2%. Oats harvested for Hay or Silage 79%, 70% 2008, 75% avg. Corn silked (tasseled) 33%, 21% 2008, 32% avg.; condition 0% very poor, 0% poor, 17% fair, 71% good, 12% excellent; height 56 inches, 60 inches 2008, 63 inches avg. Alfalfa height 20%, 33% 2008, 35% avg.; 2nd Cutting 56%, 45% 2008, 68% avg. Other Hay Cut 76%, 81% 2008, 81% avg. Cattle and calves condition 0% very poor, 0% poor, 8% fair, 79% good, 13% excellent. Sheep Condition 0% very poor, 1% poor, 5% fair, 84% good, 10% excellent. Stock Water Supplies 0% very short, 14% short, 86% adequate, 0% surplus. Apricots 87% harvested, 69% 2008, 83% avg. Sweet Cherries 99% harvested, 69% 2008, 92% avg. Tart Cherries 39% harvested, 42% 2008, 75% avg. Weather conditions were hot and dry with a few thundershowers in some parts of the state. Grasshopper problems are found throughout many parts of the state. Livestock and ranges continue to look good. Box Elder County reports high temperatures for the week of 7/19 to 7/25 were in the low to mid 90's. Farmers are busy harvesting wheat and barley. Yields and quality are reported to be good. 2nd crop hay is also being cut and baled. With little or no rain reported, the quality of the 2nd crop

looks very good. Grasshoppers are a serious problem for many producers. The insects are causing moderate to severe damage to hay and other crops in many parts of the county. Cache County reports growers are busy this week with the harvest of second crop alfalfa. Much of the winter wheat and fall barley will be harvested within the next two weeks. The hot days have really sped up the growth of silage corn, in locations where there is sufficient irrigation water. Irrigation companies are still cooperating as best they can to divert irrigation water to the Logan Northern canal system that washed out two weeks ago. Duchesne County temperatures in the 90's everyday this week has continued to help the corn crop to grow well. The corn has not tasseled yet, but it is expected to be a very good crop this year. The grain is still a little behind, but looks good. Second crop hay is in full swing and looks to be a lot better than first crop. Beaver County reports 2nd crop alfalfa looks good. There are still some grasshopper problems on the West side of the county. Uintah County reports Second cutting of alfalfa is just starting. Grasshoppers continue to plague parts of the county, and control options are very limited at this point. Weber County reports crops are growing well. Second crop alfalfa is being harvested in good condition. Carbon County reports crops are progressing nicely with continued warmer weather. Sevier County reports on-going grasshopper infestations have been found on rangeland and some cropland. Morgan County reports crops are growing well, but ranges are starting to dry out. Millard County reports very serious grasshopper problems throughout eastern end of the county. 2nd crop alfalfa has pretty much been completed. Garfield and Kane counties report sporadic thundershowers and cloudy days have improved crops and ranges in some areas. Cache County reports rangeland is drying quickly with the hot days. Pastures are still quite productive where irrigation water is available. Cattle and sheep continue to do well, with the exception of some fly and mosquito problems. Duchesne County reports livestock continue to do well with plenty of grass. Beaver County reports range and pastures are drying out from lack of rain. Carbon County reports summer range is in excellent condition. Millard County reports livestock are having a good year, but range is starting to dry out.

VIRGINIA: Days suitable for fieldwork 5.4. Topsoil moisture 2% very short, 25% short, 67% adequate, 6% surplus. Subsoil moisture 2% very short, 24% short, 70% adequate, 4% surplus. Pasture 1% very poor, 9% poor, 28% fair, 56% good, 6% excellent. Livestock 1% poor, 11% fair, 66% good, 22% excellent. Hay Other 11% poor, 29% fair, 50% good, 10% excellent. Hay Alfalfa 1% poor, 17% fair, 57% good, 25% excellent. Corn 83% silked; 83% 2008; 84% 5-yr avg.; 50% dough; 40% 2008; 41% 5-yr avg.; dent 9%; 6% 2008; 8% 5-yr avg.; condition 5% very poor, 11% poor, 27% fair, 42% good, 15% excellent. Soybeans 100% emerged, 99% 2008; 99% 5-yr avg.; 34% blooming, 24% 2008; 39% 5-yr avg.; 2% setting pods, 3% 2008; 9% 5-yr avg.; condition 4% very poor, 10% poor, 32% fair, 45% good, 9% excellent. Flue-cured tobacco 3% poor, 22% fair, 65% good, 10% excellent. Burley tobacco 1% poor, 8% fair, 79% good, 12% excellent. Dark fire-cured tobacco 1% poor, 22% fair, 77% good. Peanuts pegged 81%; 84% 2008; 79% 5-yr avg.; condition 8% fair, 85% good, 7% excellent. Cotton squaring 85%; 89% 2008; 95% 5-yr avg.; setting bolls 47%; 59% 2008; 70% 5-yr avg.; condition 23% fair, 74% good, 3% excellent. Summer Potatoes harvested 75%; 78% 2008; 59% 5-yr avg. Summer Apples harvested 33%; 22% 2008; 28% 5-yr avg.; All Apples 26% fair, 74% good. Peaches harvested 40%; 31% 2008; 36% 5-yr avg.; condition 2% poor, 51% fair, 47% good. Grapes 1% poor, 11% fair, 77% good, 11% excellent. Oats 2% poor, 35% fair, 63% good. Although much of the state received intermittent rainfall this past week, moisture conditions remain variable largely dependent upon the location. Producers worked around the rain to complete hay and vegetable harvests. Producers also scouted crop fields for insects and applied herbicides. Days suitable for fieldwork were 5.4. In some areas, the corn crop is looking excellent, with early corn filling out adequately; other areas are struggling with anticipated lower yields due to prolonged dry weather. For the majority, later maturing corn still has potential to do well with some additional rain. Additional activities this week included supplementary cuttings of hay and alfalfa, bush hogging pastures and field borders, and the fall planting of tomatoes and other fall vegetables.

WASHINGTON: Days suitable for fieldwork 6.7. Topsoil moisture 14% very short, 54% short and 32% adequate. Winter wheat harvest was in full swing and going well with reports of average yields. In Whitman County, harvest was rolling in the western end of the county. In Grant County, second cutting of timothy hay was winding down while onion and carrot seed harvest was underway. Dry pea harvest continued as well as bluegrass seed. Pend Oreille reported grass straw

was baled. Christmas tree growers reported aphid infestations in Noble fir plantations. In the Yakima Valley, cherry harvest is wrapping up except for some late maturing varieties; some blocks were not harvested this season as the market was saturated with good quality and large-sized sweet cherries. Early maturing peaches, nectarines and plums as well as Bartlett pears were sizing and coloring up nicely with producers cleaning and mowing orchards in anticipation of harvest. Green beans, cucumbers, tomatoes and sweet corn harvest continued. Most of the hops have crested the trellis and cones were starting to form. In Pend Oreille County, raspberry harvest was in full swing and pickers were getting ready for apricots. In Pacific County, dry weather challenged cranberry producers to provide adequate moisture for crops as growers irrigated bogs and continued weed and insect control activities. Berry maturity and size looked good. Range and pasture conditions 5% very poor, 17% poor, 43% fair and 35% good. On the east side, Stevens county reported cows went to slaughter showing the first signs of short pastures and the lack of grazing available. In Klickitat County, cattle seem to be coping with the heat. On the west side, livestock producers continued harvesting conventional hay under nearly ideal conditions. In Pacific County, shellfish farmers continued seeding of both clams and oysters, along with limited harvest.

WEST VIRGINIA: Days suitable for field work 5. Topsoil moisture 7% very short, 15% short, 76% adequate and 2% surplus compared with 13% short, 79% adequate and 8% surplus last year. Corn conditions 13% fair, 70% good, and 17% excellent; 37% silked, 24% 2008, 53% 5-yr avg.; 1% doughing, 2008 and 5-yr avg. not available. Soybean conditions 9% fair, 90% good, 1% excellent; 40% blooming, 39% 2008, 53% 5-yr avg.; setting pods, 3%, 2008 and 5-yr avg. not available. Winter wheat conditions 13% poor, 56% fair, 31% good, harvested for grain was 97%, 74% 2008, and 5-yr avg. not available. Oat conditions 4% poor, 28% fair, 68% good, 58% harvested, 20% 2008, 32% 5-yr avg. Hay 1% poor, 28% fair, 63% good, 8% excellent; first cutting is 96% complete, 95% 2008, and 5-yr avg. not available. Hay second cutting is 21% complete, 21% 2008, 21% 5-yr avg. Apple conditions 44% fair, 55% good, and 1% excellent. Peaches 46% fair, 53% good and 1% excellent. Cattle and calves were 10% fair, 85% good and 5% excellent. Sheep and lambs were 7% fair, 91% good and 2% excellent. Farming activities included making hay, equipment maintenance, and harvesting oats and wheat. County fairs continue to go on around the state.

WISCONSIN: Days suitable for fieldwork 5.2. Topsoil moisture 28% very short, 34% short, 37% adequate, and 1% surplus. Temperatures were 4 to 7 degrees below normal. Average high temperatures ranged from 76 to 80 degrees across the state. Lows averaged from 52 to 61 degrees for the week. Precipitation ranged from 0.02 inches in Milwaukee to 1.16 inches in Green Bay. Average corn height was 68

inches. Corn 21% silking, 0% corn in dough stage. Soybeans 42% blooming, 9% setting pods. Oats 2% harvested. Second cutting hay was 81 percent complete. There were scattered showers across the state last week, but many are still in need of more moisture. Average temperatures were below average again, and the lack of heat units has many crops behind five-year averages. Hail and high winds damaged some fields in the southwest corner of the state.

WYOMING: Days suitable for field work 6.6. Topsoil moisture 20% short, 79% adequate, 1% surplus. Barley 94% boot, 94% previous week, 99% 2008, 99% avg.; 82% headed, 78% previous week, 87% 2008, 93% avg.; 49% turning color, 40% previous week, 52% previous year, 68% avg.; 9% mature, 2% previous week, 27% 2008, 39% avg.; condition 1% fair, 85% good, 14% excellent. Oats 91% jointed, 90% previous week, 99% 2008, 99% avg.; 85% boot, 80% previous week, 97% 2008, 96% avg.; 66% headed, 57% previous week, 82% 2008, 85% avg.; 38% turning color, 26% previous week, 44% last year, 53% avg.; 15% mature, 0% previous week, 20% 2008, 29% avg.; condition 4% fair, 94% good, 2% excellent. Spring Wheat 85% jointed, 79% previous week, 100% 2008, 100% avg.; 79% boot, 70% previous week, 100% 2008, 99% avg.; 65% headed, 48% previous week, 86% 2008, 91% avg.; 38% turning color, 23% previous week, 27% 2008, 60% avg.; 8% mature, 0% previous week, 11% 2008, 28% avg.; condition 1% poor, 11% fair, 85% good, 3% excellent. Winter Wheat 93% turning color, 86% previous week, 97% 2008, 98% avg.; 84% mature, 43% previous week, 87% previous year, 92% avg.; 39% harvested, 3% previous week, 54% 2008, 71% avg.; condition 4% fair, 95% good, 1% excellent. Dry Beans 48% bloom, 39% previous week, 58% 2008, 60% avg.; 13% setting pods, 6% previous week, 18% 2008, 26% avg. Corn 54% tasseled, 25% previous week, 36% 2008, 42% avg.; 3% silked, 0% previous week, 6% previous year, 10% avg. Alfalfa harvested 87% first cutting, 83% previous week, 91% 2008, 95% avg.; 8% second cutting, 3% previous week, 16% 2008, 20% avg. Other hay harvested 52% total cut, 47% previous week, 42% 2008, 53% avg. Sugarbeets condition 7% fair, 88% good, 5% excellent. Dry beans condition 8% fair, 92% good. Corn condition 6% fair, 94% good. Cattle conditions 3% fair, 90% good, 7% excellent. Calves conditions 5% fair, 82% good, 13% excellent. Sheep conditions 8% fair, 83% good, 9% excellent. Lambs conditions 7% fair, 79% good, 14% excellent. Range and pasture conditions 2% poor, 22% fair, 65% good, 11% excellent. Irrigation water supplies 9% very short, 1% short, 80% adequate, 10% surplus. Warm weather reported in most of the state. Several areas reported grasshopper damage to pastures and alfalfa. Hot and dry weather reported all over the state. Livestock is looking good for this time of the year. Activities haying, winter wheat harvest, small grain haying.