

# Weekly Weather and Crop Bulletin

## State Stories

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**ALABAMA:** Days suitable for fieldwork 5.5. Topsoil moisture 4% very short, 19% short, 70% adequate, 7% surplus. Corn 98% mature, 98% 2007, 97% avg.; 52% harvested, 65% 2007, 61% avg. Soybean condition 8% very poor, 18% poor, 34% fair, 35% good, 5% excellent; 96% setting pods, 99% 2007, 98% avg.; 43% dropping leaves, 67% 2007, 51% avg.; 3% harvested, 10% 2007, 7% avg. Livestock condition 0% very poor, 13% poor, 47% fair, 36% good, 4% excellent. Pasture and range condition 4% very poor, 15% poor, 32% fair, 40% good, 9% excellent. The amount of topsoil moisture available in some places declined during the past week despite the beneficial rainfall brought by afternoon thunderstorms that popped up in several locations across the state. Temperatures across the state varied from the mid-seventies to the mid-eighties during the past week, and were well above normal at all reporting weather stations. The majority of weather stations reported receiving some precipitation during the past week. Overall, pastures across Alabama showed some improvement during the past week. Livestock in Alabama continued to show signs of improvement, as pasture grasses continued to provide adequate forage.

**ALASKA:** Days suitable for fieldwork 5.0. Topsoil moisture 100% adequate. Subsoil moisture 5% short, 95% adequate. Barley 50% harvested. Oats 5% harvested with harvested underway in the Fairbanks area. Potatoes 20% harvested. First cutting hay harvest was 98% complete statewide; second cutting was reported as 75% complete with most farms not getting a second cutting this year. Winter supplies of hay were reported as 40% short, 60% adequate statewide. Range and pasture condition 5% poor, 35% fair, 60% good. Wind or rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were harvesting hay, small grains, potatoes and vegetables, general maintenance.

**ARIZONA:** Temperatures were mostly below normal across the State for the week ending September 14. Precipitation was reported at 18 of the 22 reporting stations. Eighty percent of the cotton acreage has open bolls. Cotton harvesting is complete on 15 percent of the acreage across the State. Cotton condition in the State varies from fair to excellent. Alfalfa harvest remains active on over three-quarters of the State's acreage. Range and pasture conditions across the State are mostly poor to good.

**ARKANSAS:** Days suitable for fieldwork 4.5. Topsoil moisture 2% short, 50% adequate, 48% surplus. Subsoil moisture 4% short, 61% adequate, 35% surplus. Corn 98% mature, 100% 2007, 99% avg.; 37% harvested, 79% 2007, 80% avg.; condition 1% very poor, 9% poor, 29% fair, 42% good, 19% excellent. Rice 100% headed, 100% 2007, 100% avg. Soybeans 100% setting pods, 100% 2007, 100% avg.; 32% yellowing, 55% 2007, 52% avg.; 7% mature, 30% 2007, 28% avg.; 3% harvested, 20% 2007, 20% avg. There was no significant row crop damage reported due to Hurricane Ike. The corn crop reaching maturity increased 6% last week. Farmers harvested an additional 12% of the corn crop but were more than two weeks behind last year and the 5-year average. Cotton opening bolls made a significant increase of 32% by week's end. Rice farmers harvested 11% more of the crop but were 22% behind 2007 and 20% behind the 5-year average. The entire sorghum crop had changed color by week's end, and sorghum reaching maturity was two weeks behind last year and a week behind the 5-year average. Sorghum harvested was still a considerable 57% behind the previous year and 45% behind the 5-year average. Soybeans yellowing was two weeks behind 2007 and the 5-year average while shedding was 30% behind last year and 26% behind the 5-year average. Soybeans reaching maturity was 23% behind last year and 21% behind the 5-year average. Producers harvested only an additional 1% of the crop by the end of the week,

17% less than both last year and the 5-year average. The crops were in mostly fair to good condition despite the recent weather. Livestock were rated in fair to good condition. Producers continued to be concerned with armyworms in their forage crops. Producers were not able to harvest hay due to wet field conditions and were concerned about the declining quality of already cut hay due to recent excess rainfall. Despite their concerns, pasture and range and hay crops were rated in mostly fair to good condition.

**CALIFORNIA:** Wheat fields continued to be harvested. Wheat being baled for straw was slowing down. Alfalfa growers were still cutting, windrowing, raking, baling for the production of alfalfa hay. Alfalfa seed fields were being harvested. Corn for grain and silage continued to be harvested. Cotton fields were in full bloom, setting bolls. Growers continued to look for aphid, mite, lygus in cotton. Rice fields continued to mature while growers were draining the fields. Fall sugar beets were being irrigated and treated to control insects, diseases. Early planted sugar beet fields were still being harvested. Safflower harvest continued. Sudan grass was being harvested for hay, sprayed for worms. Black eye beans were dried for harvest. Grape harvest was on schedule. Thompson, Flame, Black, Crimson Seedless, Autumn Royal, Princess, Lindy Black, Kyoho, Red Globe, Summer Royal table grapes were being harvested. Wine, juice grapes were also picked. Varieties included Alicante Bouchet, Barbera, Cabernet Sauvignon, Carignane, Carnelian, Chardonnay, Grenache, Merlot, Muscat, Sarraz, Zinfandel. Grape raisin harvest continued. Harvest of early pomegranates was still underway. Stone fruit harvest also continued. Autumn Flame, Full Moon, Ivory Princess, Jasper Gem, Jasper Treasure, O'Henry, Rich Lady, September Flame, September Sun, September Snow, Snow Magic, Spring Treat, Summer Zee, Sweet September, Sweet Sun peaches; Angelino, Betty Ann, Ebony Sun, Flavor Fall, Fortune, Friar, Howard Sun, September Yummy plums; Apple Fire, Black Pearl, Dapple Fire, Flavor Treat, Flavor Heart pluots; Autumn Flare, Autumn Bright, Arctic Mist, Arctic Pride, Arctic Snow, August Red, Ruby Bright, September Red, Summer Bright, Summer Fire, Sunny Gun, Zee Fire nectarines were being picked, packed. Gala, Granny Smith apples, Brown Turkey, Mission figs, Asian pears were being harvested. Fall strawberry harvest had begun in Tulare County. Some strawberry blocks were being replanted. Olives were sizing well, though some groves looked to have low yields. Many growers were irrigating where yields looked low to prevent loss. Some groves were not expected to be harvested. Valencia orange harvest remained slow with the bulk of the picking for domestic markets. Navels were developing size. Lemon harvest was underway in the desert regions, with some picking still taking place in the coastal areas. Walnut harvest began in certain orchards. A few walnut growers were still preparing for harvest or applying treatments for pests. Pistachio harvest was also underway with almond harvest still in full swing. In Tulare county, local markets for eggplant, squash, peppers, okra, cucumbers, tomatoes experienced active harvests. However, tomato distribution was dragging, leaving packed volume piling up in cold storage. In Fresno County, garlic, onion harvest was winding down, while bell peppers, processing tomato harvests continued. The carrot harvest began. On Fresno's Westside, fall broccoli was planted, fall lettuce was thinned, asparagus harvest began. Farmers market crops continued, including amaranth, basil, bean varieties, cilantro, cucumbers, daikon, dill, dongua, eggplant, gailon, okra, ona choy, parsley, chili peppers, radishes, sinqua, spinach, summer squashes, sweet corn, swiss chard, tong ho, yam leaf, as well as many varieties of herbs. Fields were weeded, irrigated, fertilized, treated for pest control. Mixed melon, cantaloupe, honeydew, watermelon harvests carried on, pumpkin plants showed good signs of growth, fruit sizing. In Sutter County, honeydew harvest started. Beans were treated for

worms , lygus, while melons were treated for worms , weeds. The processing tomato harvest slowed, but beans, cucumbers, melon, squash , seed crops persevered. In Merced County, worm spraying continued for tomatoes. The freezer squash harvest was completed, but fresh market tomato, sweet potato, bell pepper, processing tomato, cantaloupe, honeydew maintained their harvests. Dryland pasture , rangeland forage continued to decline due to the prolonged dry weather, with poor to very poor conditions reported in most areas. Lower-elevation water sources continued to dry out. Fire danger remained high. Beef cattle on dry pasture , rangeland were receiving supplements of hay , other nutrients, herd reduction continued in some areas due to the poor feed , water conditions. Movement of cattle to lower elevations for over-wintering continued. Fall beef cow calving continued, with reportedly good to excellent calving conditions. Irrigated pastures were in good condition. Cooler weather benefited both poultry , dairy production. Sheep were grazing on idle farmland, harvested grain fields, some rangeland in the central part of the state. Honeybees continued to pollinate melon fields in the central area, sunflower , vineseed crops in the north.

**COLORADO:** Days suitable for fieldwork 5.3. Topsoil moisture 5% very short, 21% short, 64% adequate, 10% surplus. Subsoil moisture 13% very short, 39% short, 43% adequate, 5% surplus. Spring barley 97% harvested, 98% 2007, 96% avg. Dry onions 45% harvested, 52% 2007, 56% avg.; condition 4% poor, 25% fair, 55% good, 16% excellent. Sugarbeets 2% harvested, 1% 2007, 1% avg.; condition 3% very poor, 4% poor, 19% fair, 45% good 29% excellent. Summer potatoes 35% harvested, 43% 2007, 59% avg.; condition 8% very poor, 8% poor, 15% fair, 53% good, 16% excellent. Fall potatoes 24% harvested 14% 2007, 16% avg.; condition 9% very poor, 9% poor, 28% fair, 42% good, 12% excellent. Dry Beans 30% cut, 40% 2007, 47% avg.; 15% harvested, 17% 2007, 20% avg.; condition 1% very poor, 1% poor, 33% fair, 51% good 14% excellent. Spring wheat 58% harvested, 88% 2007, 90% avg.; condition 5% very poor, 18% poor, 30% fair, 32% good, 15% excellent. Alfalfa 74% 3rd cutting, 71% 2007, 66% avg.; 6% 4th cutting, 4% 2007, 8% avg.; condition 2% very poor, 8% poor, 35% fair, 40% good, 15% excellent. Corn Silage 34% harvested, 51% 2007, 45% avg. Most of Colorado experienced precipitation levels above average for this time of year. Temperatures averaged a little below normal.

**DELAWARE:** Days suitable for fieldwork 5.2. Topsoil moisture 13% very short, 45% short, 42% adequate, 0% surplus. Subsoil moisture 40% very short, 53% short, 7% adequate, 0% surplus. Hay supplies 1% very short, 28% short, 53% adequate, 18% surplus. Other Hay 3rd cutting 61%, 71% 2007, 87% avg.; 4th cutting 1%, 0% 2007, 10% avg. Alfalfa hay 3rd cutting 98%, 100% 2007, 97% avg.; hay 4th cutting 28%, 35% 2007, 40% avg. Pasture condition 35% very poor, 48% poor, 13% fair, 3% good, 1% excellent. Corn condition 7% very poor, 21% poor, 46% fair, 17% good, 9% excellent; 100% dough, 71% 2007, 91% avg.; 95% dent, 98% 2007, 94% avg.; 75% mature, 77% 2007, 72% avg.; harvested for grain 15%, 18% 2007, 22% avg.; 50% harvested for silage, 0% 2007, 58% avg. Soybean condition 13% very poor, 32% poor, 44% fair, 8% good, 3% excellent; 92% setting pods, 87% 2007, 92% avg.; 26% turning color, 40% 2007, 29% avg.; 19% dropping leaves, 21% 2007, 16% avg. Apple condition 2% very poor, 5% poor, 16% fair, 68% good, 9% excellent. Cantaloupes 96% harvested, 90% 2007, 92% avg. Cucumbers 90% harvested, 85% 2007, 88% avg. Lima Beans 58% harvested, 53% 2007, 63% avg. Potatoes 98% harvested, 78% 2007, 91% avg. Snap beans 89% harvested, 95% 2007, 95% avg. Sweet Corn 93% harvested, 93% 2007, 89% avg. Tomatoes 89% harvested, 90% 2007, 88% avg. Watermelons 95% harvested, 90% 2007, 93% avg. Apples 20% harvested, 41% 2007, 36% avg. Peaches 98% harvested, 94% 2007, 93% avg. Delaware reported continued dry conditions even with rainfall received last Tuesday. Soil moisture was rated short to adequate in Delaware with some still rated very short.

**FLORIDA:** Topsoil moisture 2% very short, 13% short, 68% adequate, 17% surplus. Subsoil moisture 1% very short, 9% short, 67% adequate, 23% surplus. Peanuts 8% harvested, 9% 2007, 11% 5-yr avg.; condition 29% fair, 55% good, 16% excellent. Peanut harvesting, began in Jackson County and surrounding counties in Panhandle. Disease, late harvest, rains delayed peanut progress Levy County. Hamilton County harvested corn, worked to recover a few hundred acres damaged by Tropical Storm Fay. Central Florida, farmers baling hay, fields drying out. First cutting for many. Sugarcane near harvesting Lee County. Farmers spraying crop, expect average yields. Soil moisture conditions mostly adequate all areas. Squash planted Hernando County. Tomatoes planted Highland, Hardy

counties. Tomato crop not affected by recent storms, looked good. Vegetable preparation good, planting underway Lee County. Growers planting tomatoes, peppers, snap beans, corn. Okra, avocados continued to be marketed. Hurricane Ike, far southwest of coastline in Gulf of Mexico, generated over 2.50 in. rain, Immokalee area. Apopka had 1.50 in. rainfall. All other monitored areas citrus producing counties had half in. or less. Growers, Indian River still dealing with standing water from Tropical Storm Fay. Isolated groves have yellowing of leaves, dying trees, small percentages of fruit drop. Other citrus producing areas back to general maintenance schedules mowing, fertilizing, herbiciding, tree removal, preparing for harvest. Some dryer areas back on regular irrigating schedules. One packinghouse opened, several planning on opening in next two weeks. Citrus season overall is going well with good sizes on oranges, grapefruit. Trees look good, heavy foliage, healthy looking fruit; owners optimistic about good season. Pasture Feed 5% very poor, 5% poor, 25% fair, 55% good, 10% excellent. Cattle Condition 5% poor, 15% fair, 75% good, 5% excellent. Panhandle pasture condition fair to good. Washington County pasture grass grown some, quality declined, cattle condition mostly good. North pasture condition mostly good, condition improved, cattle condition mostly fair to excellent. Central pasture very poor to excellent, most fair to good. Much forage under water, several pastures severely damaged, forage lost. Some damage from loopers, army worms. Sumter County pasture grass growth slowed. Most cattle in good condition. Southwest pasture condition very poor to excellent. Statewide cattle condition poor to excellent, most in good condition.

**GEORGIA:** Days suitable for fieldwork 5.6. Topsoil moisture 5% very short, 32% short, 58% adequate, 5% surplus. Soybeans 2% very poor, 12% poor, 44% fair, 37% good, 5% excellent. Soybeans 94% setting pods, 95% 2007, 98% avg.; 10% dropping leaves, 10% 2007, 20% avg. Sorghum 1% very poor, 8% poor, 39% fair, 49% good, 3% excellent; harvested for grain 37%, 13% 2007, 31% avg. Apples 0% very poor, 4% poor, 13% fair, 28% good, 55% excellent; 18% harvested, 27% 2007, 28% avg. Hay 5% very poor, 17% poor, 45% fair, 31% good, 2% excellent. Pecans 5% very poor, 13% poor, 42% fair, 37% good, 3% excellent. Corn harvested for grain 76%, 77% 2007, 76% avg. Cotton 98% setting bolls, 100% 2007, 100% avg. Peanuts 4% dug, 3% 2007, 7% avg. Rye 1% planted for all purposes, 3% 2007, 3% avg. Other small grains 1% planted. Tobacco 89% harvested, 87% 2007, 96% avg. Red crown rot has appeared in soybeans. A light amount of white mold and some limb rot was reported on some peanuts. Soybeans, pasture and vegetables were returning to a healthy condition after the damages from tropical storm Fay. Lack of rain was reported in some areas of the state. Other activities included digging peanuts and finishing up tobacco.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture received a boost in some areas from heavy afternoon showers. Overall, soil moisture was adequate in most areas and short in some leeward areas by the end of the week. Banana orchards were in fair to good condition having benefited from showers. Farmers continued to rogue plants in an effort to control the spread of the Banana Bunchy Top virus. Papaya orchards were in fair to good condition. Showers improved the condition of some fields in parts of the Big Island. Spraying continued to slow the pressure from insects. Head cabbage continued to make steady progress. Irrigated fields had good-sized heads, but non-irrigated fields showed smaller-sized heads. Maui's dry onion crop was in fair condition as farmers continued to closely monitor the fall crop. The last commercial sugarcane operation on the island of Kauai announced its closure with the intention of using the land for the production of bio-fuel. All planting activity has stopped and the Kauai company expects to harvest the remaining crop in 18 to 24 months. Hawaii will have one remaining commercial sugarcane company located on the island of Maui. Weather conditions during the week were fair to good for agriculture. Trade wind weather continued to prevail during most of the week resulting in mostly sunny skies in leeward areas and partly cloudy days with some light showers in windward areas. The trade winds subsided over the weekend making the days warm and humid. A trough of low pressure aloft combined with daytime heating result in some heavy downpours developing over the island of Kauai and Oahu during the weekend. The heavy showers interrupted farm activities on both islands. However, the added showers helped to replenish reservoirs and added to soil moisture.

**IDAHO:** Days suitable for field work 6.9. Topsoil moisture 18% very short, 47% short, 35% adequate, 0% surplus. Field corn harvested for silage 9%, 36% 2007, 28% avg. Onions 30% harvested, 54% 2007, 45% avg. Potato vines killed 56%, 86% 2007, 77% avg.; 7% harvested, 13% 2007, 12% avg. Oats harvested for grain 75%, 99%

2007, 91% avg. Dry peas 99% harvested, 100% 2007, 99% avg. Lentils 95% harvested, 99% 2007, 100% avg. Dry beans 38% harvested, 58% 2007, 52% avg. Peaches 75% harvested, 90% 2007, 93% avg. Alfalfa hay 3rd cutting harvested 67%, 80% 2007, 80% avg.; 4th cutting harvested 19%, 42% 2007, 44% avg. Irrigation water supply 0% very poor, 8% poor, 33% fair, 51% good, 8% excellent. Potato condition 0% very poor, 4% poor, 18% fair, 73% good, 5% excellent. Dry peas harvested are estimated at 99% complete and lentils are estimated at 95% complete, essentially finishing the harvest for these crops. Most crops are still behind normal. The Caribou County extension educator reported that good weather helped farmers catch up on cereal harvest. The Franklin County extension educator reported that much of the corn is not mature yet. Farmers are hoping for a longer season so it can finish maturing. In Southwestern Idaho, the prune and plum harvest is about half complete and the apple harvest is just getting underway.

**ILLINOIS:** Days suitable for fieldwork 3.1. Topsoil moisture 1% very short, 4% short, 38% adequate, 57% surplus. Alfalfa hay third cutting 90%, 96% 2007, 96% avg. Corn 60% dent, 96% 2007, 88% avg.; 16% mature, 81% 2007, 96% avg.; 3% very poor, 6% poor, 25% fair, 52% good, 14% excellent Soybeans turning yellow 41%, 81% 2007, 72% avg.; 7% shedding leaves, 52% 2007, 39% avg.; 3% very poor, 6% poor, 28% fair, 53% good, 10% excellent. Sorghum 52% coloring, 95% 2007, 90% avg.; 5% mature, 82% 2007, 55% avg.; 3% very poor, 2% poor, 17% fair, 61% good, 17% excellent. Winter wheat. 1% planted, 1% 2007, 1% avg. Streams and rivers are flooding, and soil is totally saturated throughout parts of Illinois. The remnants of Hurricane Ike were felt across the state this past weekend, with heavy winds and consistent rainfall being prevalent. Producers are expecting to wait a few days before entering fields. Cool temperatures were also received with the heavy precipitation this past week. The average temperature was 3.0 degrees below normal. The average weekly precipitation was 3.24 inches above normal.

**INDIANA:** Days suitable for fieldwork 4.8. Topsoil moisture 8% very short, 29% short, 54% adequate, 9% surplus. Subsoil moisture 9% very short, 34% short, 50% adequate, 7% surplus. Corn 97% dough, 100% 2007, 100% avg.; 77% dented, 93% 2007, 89% avg.; 19% mature, 54% 2007, 42% avg.; condition 3% very poor, 11% poor, 31% fair, 43% good, 12% excellent. Soybeans 32% shedding leaves, 57% 2007, 48% avg.; condition 5% very poor, 12% poor, 36% fair, 38% good, 9% excellent. Tobacco 34% harvested, 34% 2007, 47% avg. Pasture condition 11% very poor, 24% poor, 37% fair, 25% good, 3% excellent. Livestock remain in mostly good condition. Average temperatures ranged from 40 below normal to 60 above normal, with a high of 94 and a low of 38. Precipitation averaged from 0.17 inches to 8.69 inches. Hurricane Ike was responsible for the rain that fell across many western and central areas of the state. The heaviest rains occurred in north central areas of the state with nearly nine inches being reported while some eastern counties remain very dry. Only a few isolated corn and soybean fields have been harvested at this time. Harvest of seed corn, corn silage, fruit, vegetable crops and tobacco continues.

**IOWA:** Days suitable for fieldwork 3.8. Topsoil moisture 5% very short, 13% short, 68% adequate, 14% surplus. Subsoil moisture 4% very short, 17% short, 67% adequate, 12% surplus. Corn 92% at or beyond the dough stage, 71% dented, 11% mature, condition 3% very poor, 9% poor, 25% fair, 48% good, 15% excellent. Soybeans 58% turning color. 16% dropping leaves, condition 3% very poor, 9% poor, 28% fair, 47% good, 13% excellent. Third cutting of alfalfa is 71% complete. All hay condition 4% very poor, 13% poor, 34% fair, 40% good, 9% excellent. Pasture condition 4% very poor, 13% poor, 32% fair, 42% good, 9% excellent. Heavy rainfall shortened the work week for many Iowa farmers. The precipitation reduced moisture shortages in some areas and produced isolated but significant surpluses in parts of southern and southeastern Iowa. Statewide, topsoil and subsoil moisture supplies were mostly adequate. Cool temperatures and ample moisture supplies promoted forage growth, but wet fields limited hay harvest. Farmers chopped corn silage and harvested seed corn when weather permitted.

**KANSAS:** Days suitable for fieldwork 2.6. Topsoil moisture 3% very short, 4% short, 63% adequate, 9% surplus. Subsoil moisture 5% very short, 9% short, 68% adequate, 18% surplus. Corn 100% dough stage, 100% 2007, 100% avg. Sorghum 0% harvested, 2% 2007, 6% avg. Sunflowers 69% ray flowers dry, 66% 2007, 71% avg.; 38% bracts yellow, 37% 2007, 46% avg.; condition 5% poor, 21% fair, 67% good, 7% excellent. Cotton 16% bolls opening, 11% 2007, 20% avg.; 0% harvested, 0% 2007 0% avg. Fourth cutting of alfalfa is 55% completed, 63% 2007, 60% avg. Feed grain supplies 3% very short,

9% short, 87% adequate, 1% surplus. Hay and forage supplies 2% very short, 8% short, 80% adequate, 10% surplus. Stock water supplies are 2% very short, 5% short, 83% adequate, and 10% surplus. Primary farm activity involved cutting hay, high moisture corn harvesting, cutting corn and sorghum silage, and preparing for wheat planting.

**KENTUCKY:** Days suitable for fieldwork 6.0. Topsoil moisture 44% very short, 34% short, 22% adequate. Subsoil moisture 41% very short, 40% short, 19% adequate. Farm activities last week included cutting tobacco, harvesting corn, and other general farm work. Burley tobacco cut 73%, 74% last year, 73% average. Dark tobacco 69% cut, 78% last year, 66% average. Tobacco condition 5% very poor, 12% poor, 29% fair, 38% good, 16% excellent. The hay crop condition was rated 17% very poor, 31% poor, 35% fair, 16% good, and 1% excellent. Pasture condition was rated 29% very poor, 29% poor, 29% fair, 12% good and 1% excellent.

**LOUISIANA:** Days suitable for fieldwork 3.8. Soil moisture 2% short, 46% adequate, 52% surplus. Corn 87% harvested, 95% 2007, 98% avg. Hay 91% second cutting, 98% 2007, 97% avg. Sweet potatoes 15% harvested, 16% 2007, 19% avg. Sugarcane 38% planted, 74% 2007, 79% avg.; 10% very poor, 28% poor, 43% fair, 19% good. Livestock 2% very poor, 10% poor, 38% fair, 45% good, 5% excellent. Vegetables 26% very poor, 17% poor, 42% fair, 14% good, 1% excellent. Range and Pasture 6% very poor, 12% poor, 46% fair, 33% good, 3% excellent.

**MARYLAND:** Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 31% short, 67% adequate, 1% surplus. Subsoil moisture 6% very short, 43% short, 51% adequate, 0% surplus. Hay supplies 5% very short, 11% short, 78% adequate, 6% surplus. Other Hay 3rd cutting 76%, 54% 2007, 62% avg.; 4th cutting 10%, 7% 2007, 7% avg. Alfalfa Hay 3rd cutting 99%, 95% 2007, 93% avg.; 4th cutting 52%, 68% 2007, 46% avg. Pasture condition 3% very poor, 23% poor, 41% fair, 30% good, 3% excellent. Corn condition 2% very poor, 16% poor, 39% fair, 34% good, 9% excellent; 99% dough, 0% 2007, 17% avg.; 88% dent, 94% 2007, 86% avg.; 68% mature, 67% 2007, 57% avg.; harvested for grain 27%, 19% 2007, 12% avg.; 65% harvested for silage, 0% 2007, 48% avg. Soybean condition 20% very poor, 21% poor, 24% fair, 29% good, 6% excellent; 95% setting pods, 86% 2007, 86% avg.; 48% turning color, 44% 2007, 32% avg.; 28% dropping leaves, 15% 2007, 12% avg. Apple condition 0% very poor, 1% poor, 17% fair, 79% good, 3% excellent Cantaloupes 93% harvested, 95% 2007, 93% avg. Cucumbers 91% harvested, 91% 2007, 88% avg. Lima Beans 61% harvested, 63% 2007, 68% avg. Potatoes 100% harvested, 99% 2007, 94% avg. Snap beans 90% harvested, 91% 2007, 93% avg. Sweet Corn 92% harvested, 92% 2007, 92% avg. Tomatoes 91% harvested, 91% 2007, 89% avg. Watermelons 94% harvested, 96% 2007, 92% avg. Apples 59% harvested, 63% 2007, 50% avg. Peaches 98% harvested, 96% 2007, 95% avg. Western and Central portions of Maryland as well as the lower Eastern Shore reported improved field conditions and good crop development following several rain showers over the last week.

**MICHIGAN:** Days suitable for fieldwork 5. Topsoil 7% very short, 7% short, 46% adequate, 40% surplus. Subsoil 12% very short, 16% short, 45% adequate, 27% surplus. Corn 7% very poor, 14% poor, 29% fair, 35% good, 15% excellent; 41% silage harvested, 55% 2007, 41% avg. Soybeans 9% very poor, 16% poor, 30% fair, 35% good, 10% excellent; 70% turning, 57% 2007, 59% avg. Pasture 13% very poor, 28% poor, 31% fair, 24% good, 4% excellent. Potatoes 34% harvested, 34% 2007. All hay 7% very poor, 14% poor, 34% fair, 37% good, 8% excellent. Third cutting hay 72%, 76% 2007, 78% avg. Fourth cutting hay 19%, 15% 2007, 17% avg. Dry beans 9% very poor, 5% poor, 22% fair, 49% good, 15% excellent; 81% turning, 93% 2007, 95% avg.; 51% dropping leaves, 68% 2007, 73% avg.; 16% harvested, 29% 2007, 23% avg. Apples 18% harvested, 24% 2007. Blueberries 99% harvested, 100% 2007, 99% avg. Peaches 78% harvested, 99% 2007. Precipitation varied from 0.97 inches northwestern Lower Peninsula to 6.13 inches southwestern Lower Peninsula. Average temperatures ranged from 3 degrees below normal western Upper Peninsula to normal west central and southeastern Lower Peninsula. Growers northeast and east central experienced first frost of season, but it had little impact on crops. Much of State experienced heavy rains past weekend. These rains brought fieldwork to a halt and caused some localized flooding southern part of State. Many farmers eager to begin harvest and planting activities must now wait for fields to dry. Strong rains and wet soils impeded fieldwork. Benefit from rain depended on a crop's stage of development. Most corn crop dough and dent stages. Condition improved slightly, but because crop close to maturity, improvement from rains limited. Many soybeans turned this

week and some dropping leaves. Regrowth of alfalfa boosted by recent rains, but harvest held up by precipitation. A few farmers getting a fourth cutting, but most cutting for a third time. Dry beans continued to turn and drop leaves. Harvest continued before rains came. Winter wheat planting began, with a few farmers planting before rains. Rains held up sugarbeet harvest. Apple harvest continued across State. Southwest, picking of Gala and Golden Supreme varieties continued; light picking of McIntosh and Honeycrisp varieties began southeast. Harvest of Gingergold apple varieties began northwest. Harvest of late season blueberries completed; fruit quality a concern. Harvest of peaches, pears, plums and fall raspberries continued. The rain received last week welcomed as it relieved stressed vegetable plants. May have been too late to benefit most crops, while it postponed harvesting and fieldwork. Nearly 40 percent of celery acreage remained to harvest, and rains flooded some fields. Carrot harvest continued and pumpkin harvest began. Fresh market tomato harvest continued with below average yields. Processing tomatoes from non-irrigated fields have less than a 50 percent crop due to lack of summer rainfall. Onion harvest nearing completion. Sweet corn and potato harvest continued. Zucchini harvest expected to be mostly complete by end of last week, but with additional moisture, farmers delayed harvesting activities. Cucumber and summer squash harvest continued. Cole crops, including cabbage, cauliflower, and broccoli, have made it to retail markets.

**MINNESOTA:** Days suitable for fieldwork 5.4. Topsoil moisture 9% very short, 30% short, 55% adequate, 6% surplus. Corn 35% silage cut, 77% 2007, 56% avg. Soybeans 70% turning yellow, 94% 2007, 83% avg.; 0% mature, 30% 2007, 15% avg. Potatoes 36% harvested, 46% 2007, 45% avg.; condition 1% poor, 9% fair, 50% good, 40% excellent. Canola 60% harvested, 97% 2007, 89% avg. Sweet Corn 78% harvested, 90% 2007, 83% avg. Dry Edible Beans 37% harvested, 36% 2007, 30% avg.; condition 2% very poor, 4% poor, 29% fair, 49% good, 16% excellent. Pasture condition 12% very poor, 24% poor, 33% fair, 29% good, 2% excellent. Sugarbeet condition 1% very poor, 1% poor, 21% fair, 46% good, 31% excellent. Sunflower condition 2% poor, 21% fair, 55% good, 22% excellent. Minnesota's small grain harvest is nearly complete as the spring wheat crop reached 97 percent harvested during the past week. Precipitation received across the state was generally welcomed by farmers and increased topsoil moisture supplies. The majority of the soybean crop reached the yellowing stage of development while some of the earliest planted corn was mature. Crop progress of both corn and soybeans, however, remained behind last year and average. The average temperature for the week was 56.6°, 3.0° below normal.

**MISSISSIPPI:** Days suitable for fieldwork 3.1. Soil moisture 0% very short, 2% short, 48% adequate, 50% surplus. Corn 100% dough, 100% 2007, 100% avg.; 100% dent, 100% 2007, 100% avg.; 98% mature, 100% 2007, 100% avg.; 62% harvested, 90% 2007, 88% avg.; 92% silage harvested, 100% 2007, 100% avg.; 8% very poor, 16% poor, 21% fair, 40% good, 15% excellent. Cotton 58% open bolls, 88% 2007, 83% avg.; 0% harvested, 4% 2007, 9% avg.; 7% very poor, 10% poor, 23% fair, 42% good, 18% excellent. Peanuts 4% harvested, 16% 2007, 15% very poor, 0% poor, 3% fair, 62% good, 20% excellent. Rice 99% heading, 100% 2007, 100% avg.; 85% mature, 98% 2007, 88% avg.; 20% harvested, 62% 2007, 50% avg.; 0% very poor, 4% poor, 11% fair, 48% good, 37% excellent. Sorghum 100% heading, 100% 2007, 100% avg.; 99% turning color, 100% 2007, 100% avg.; 87% mature, 98% 2007, 100% avg.; 53% harvested, 89% 2007, 89% avg.; 84% silage harvested, 1% very poor, 4% poor, 19% fair, 53% good, 23% excellent. Soybeans 76% turning color, 94% 2007, 94% avg.; 51% shedding leaves, 81% 2007, 82% avg.; 18% harvested, 43% 2007, 60% avg.; 6% very poor, 13% poor, 32% fair, 37% good, 12% excellent. Winter Wheat 0% planted, 0% 2007, 1% avg. Hay (harvested-warm) 87%, 92% 2007, 92% avg.; 0% very poor, 4% poor, 29% fair, 35% good, 32% excellent. Sweetpotatoes 5% harvested, 32% 2007, 28% avg.; 0% very poor, 0% poor, 10% fair, 85% good, 5% excellent. Cattle 2% very poor, 4% poor, 21% fair, 60% good, 13% excellent. Pasture 2% very poor, 4% poor, 32% fair, 50% good, 12% excellent. Remnants of Hurricane Gustav and the recent rains brought on by Hurricane Ike decreased fieldwork for several producers. The wet weather has slowed harvesting activities for corn, soybeans, and hay; and some producers are reporting deterioration in the quality of corn, soybeans, rice, and cotton. Sweet potato and peanut harvesting is underway for some producers in the state.

**MISSOURI:** Days suitable for fieldwork 2.9. Topsoil moisture 1% very short, 5% short, 50% adequate, 44% surplus. Pasture condition 1% very poor, 6% poor, 30% fair, 54% good, 9% excellent. Heavy rains

and winds from Hurricane Ike brought fieldwork to a standstill the latter part of the week. Some areas reported receiving up to 8 inches of rain. Reporters in the Bootheel commented wind from the hurricane damaged crops and buildings. Excessive rains once again flooded rivers and tributaries in some areas across the State. Corn in flood zones in Marion and Scotland counties were flooded above the height of the ear. Temperatures were 1 to 6 degrees below average in the northern half of the State, while southern areas were near normal to 2 degrees above normal. Rainfall for the week averaged 3.97 inches, ranging from 0.09 inches in the southeast district to 6.43 inches in the north-central district, with Adair and Schuyler counties receiving more than 8 inches. Other than the southeast area, all other areas have received more than 7.50 inches over the past 4 weeks. Activities 3rd cutting alfalfa; care of livestock.

**MONTANA:** Days suitable for field work 4.4. Topsoil moisture 10% very short, 46% last year, 27% short, 35% last year, 57% adequate, 17% last year, 6% surplus, 2% last year. Subsoil moisture 22% very short, 47% last year, 33% short, 32% last year, 43% adequate, 20% last year, 2% surplus, 1% last year. Barley 81% harvested, 100% last year. Oats 89% harvested, 100% last year. Spring wheat 86% harvested, 99% last year. Winter wheat 97% harvested, 100% last year, 7% planted, 23% last year. Durum wheat 83% harvested, 95% last year. Lentils 89% harvested, 97% last year. Alfalfa hay second cutting 93% complete, 99% last year. All other hay second cutting 79% complete, 91% last year. Corn chopped for silage 11%, 61% last year. Corn condition 1% very poor, 0% last year, 1% poor, 1% last year, 20% fair, 10% last year, 59% good, 76% last year, 19% excellent, 13% last year. Continued rainfall during the past two weeks has left many small grain fields unharvested. Reports indicate that the rain has caused quality damage to wheat fields in the north central and northeast districts. The harvest of most oilseeds is behind the previous year, but farmers should be finished in the next couple weeks. This year's sugar beet crop is mostly in good condition. The state received moderate precipitation for the week ending September 14th. Great Falls and Simpson set daily high precipitation records on September 13th at 0.54 and 0.37 of an inch, respectively. Nye received the most weekly accumulated precipitation at 1.75 inches. Highs were in the 70s to 80s, and lows were mostly in the 30s. Roundup and Hardin shared the high temperature of 84 degrees, and Wisdom had the low temperature of 20 degrees. Range and pasture feed condition 7% very poor, 17% last year, 20% poor, 19% last year, 38% fair, 38% last year, 29% good, 22% last year, 6% excellent, 4% last year. Cattle and calves moved from summer ranges 22% complete, 23% last year. Sheep and lambs moved from summer ranges 26% complete, 20% last year.

**NEBRASKA:** Days suitable for fieldwork 4.1. Topsoil moisture 3% very short, 17% short, 77% adequate, 3% surplus. Subsoil moisture 7% very short, 27% short, 65% adequate, 1% surplus. Overall corn conditions 2% very poor, 4% poor, 17% fair, 55% good, 22% excellent. Irrigated corn conditions 1% very poor, 2% poor, 14% fair, 58% good, 25% excellent. Dryland corn conditions 2% very poor, 7% poor, 22% fair, 52% good, 17% excellent; 97% dough, 100% 2007, 99% avg.; 85% dent, 97% 2007, 91% avg.; 9% mature, 41% 2007, 30% avg.; 1% harvested, 3% 2007, 3% avg. Soybean conditions 2% very poor, 6% poor, 23% fair, 55% good, 14% excellent; 55% turning color, 74% 2007, 75% avg.; 13% dropping leaves, 22% 2007, 27% avg. Sorghum conditions 0% very poor, 3% poor, 23% fair, 56% good, and 18% excellent; 100% headed, 100% 2007, 99% avg.; 68% turning color, 91% 2007, 81% avg.; 1% mature, 12% 2007, 13% avg. Winter wheat 18% seeded, 30% 2007, 31% avg. Proso millet 16% harvested, 31% 2007, 30% avg. Dry Bean conditions 0% very poor, 3% poor, 30% fair, 58% good, 9% excellent; 79% turning color, 99% 2007, 86% avg.; 31% dropping leaves, 73% 2007, 53% avg.; 6% harvested, 24% 2007, 18% avg. Alfalfa conditions 3% very poor, 5% poor, 24% fair, 59% good, 9% excellent; 97% 3rd cutting, 98% 2007, 97% avg.; 19% 4th cutting, 34% 2007, 35% avg. Pasture and Range conditions 3% very poor, 11% poor, 27% fair, 52% good, and 7% excellent. Nebraska saw another week of cool, damp weather which slowed crop maturity and harvest. High moisture corn, dry beans, proso millet and silage harvest is progressing slowly. The moisture has been beneficial for pastures and rangeland. Temperatures averaged 5 degrees below normal across the state. The state saw upper 70's or low 80's for highs with lows dipping into the mid to upper 30's in most districts. All districts received at least a half inch of rain with the Southeast district averaging over two inches of precipitation.

**NEVADA:** Days suitable for fieldwork 7. Alfalfa is in generally good condition throughout the state as third cutting finishes. Livestock are in

predominately good condition as cattle are being moved back to the ranch from summer and fall pastures. Onions are in good to very good condition with harvest underway. Garlic, alfalfa seed, and mint harvests are underway. Potato harvest has started. Main farm and ranch activities include irrigation, harvest of hay, weed control, equipment maintenance, and preparation for fall-seeded crops. Cooler temperatures and some precipitation were recorded during the week. Temperatures averaged from three degrees below to six degrees above normal across the state. The week's high temperatures ranged from 85 degrees in Ely to 102 degrees in Las Vegas. The week's low temperatures ranged from 29 degrees in Ely to 71 degrees in Las Vegas. Precipitation was recorded in Ely, Eureka, and Las Vegas. Ely had the most precipitation with 0.32 inches recorded.

**NEW ENGLAND:** Days suitable for field work 5.7. Topsoil moisture 4% short, 79% adequate, 17% surplus. Subsoil moisture 3% short, 84% adequate, 13% surplus. Pasture condition 12% poor, 20% fair, 58% good, 10% excellent. Maine Potatoes 5% harvested, 5% 2007, 5% average; condition fair/good. Rhode Island Potatoes 80% harvested, 80% 2007, 70% average; condition good/excellent. Massachusetts Potatoes 45% harvested, 30% 2007, 40% average; condition good. Maine Oats 75% harvested, 65% 2007, 65% average; condition good/fair. Maine Barley 85% harvested, 55% 2007, 75% average; condition fair/good. Field Corn 10% harvested, 25% 2007, 15% average; condition fair/good in Vermont and good/excellent elsewhere. Sweet Corn 90% harvested, 90% 2007, 85% average; condition good/fair in Connecticut and good/excellent elsewhere. Shade Tobacco 99% harvested, 95% 2007, 99% average; condition good/fair. Broadleaf Tobacco 99% harvested, 95% 2007, 95% average; condition fair/good. First Crop Hay 100% harvested, 100% 2007, 100% average; condition fair. Second Crop Hay 90% harvested, 95% 2007, 90% average; condition good/fair. Third Crop Hay 50% harvested, 60% 2007, 50% average; condition good/fair in Connecticut and Rhode Island and good/excellent elsewhere. Apples 30% harvested, 30% 2007, 30% average; Fruit Size average/above average in Rhode Island and average elsewhere; condition good/fair in Connecticut and New Hampshire and good/excellent elsewhere. Peaches 95% harvested, 85% 2007, 90% average; Fruit Size average; condition good/fair. Pears 40% harvested, 30% 2007, 35% average; Fruit Size average; condition good/fair. Massachusetts Cranberries Fruit Size average/above average; condition good. Highbush Blueberries 99% harvested, 99% 2007, 99% average; Fruit Size average/above average; condition good/fair in Connecticut and good/excellent elsewhere. Maine Wild Blueberries 100% harvested, 100% 2007, 100% average; Fruit Size average; condition good. The past week began with partly cloudy skies and thunderstorms throughout New England. Temperatures were average to above average ranging from the high-60s to mid-70s. Mid-week brought much needed relief from the rain with some sunny, breezy days. However, daytime temperatures dropped below average and were in the low- to mid-60s. Hurricanes Hanna and Ike dumped more rain on the area over the weekend. High temperatures were average to above average in the mid-70s to low-80s. Nighttime temperatures were average to below average all week, ranging from the mid-40s to low-60s. Frost warnings occurred several nights during the week, but no damage to crops was reported. Total precipitation for the week ranged from 0.44 to 1.99 inches in the eleven weather stations tracked for this report. Several crop specialists reported receiving as much as three to four inches of rain in areas of New Hampshire and Vermont. Major farm activities included cutting hay, harvesting oat, barley, potato, fruit, and vegetable crops, mowing orchard floors, weeding, and chopping field corn.

**NEW JERSEY:** Days suitable for field work 6.0. Topsoil moisture 5% short, 90% adequate, 5% surplus. Subsoil moisture 25% short, 70% adequate, 5% surplus. There were measurable amounts of rainfall for the week in all localities. Temperatures were above normal during the week across the Garden State. Soybeans were relieved by recent rainfall, while corn continued to be chopped for silage. Hay production was slowed by weather conditions as third-cuttings continued. Late fall vegetable planting included cucumbers, cabbage, and squash. Fresh-market tomatoes experienced slow-ripening in some southern areas. Apple orchards were sprayed with pesticides and peach harvesting was finishing up. Reports for pumpkin conditions were good as they colored nicely. Producers continued planting vegetables and preparing equipment for harvesting.

**NEW MEXICO:** Days suitable for fieldwork 6.2. Topsoil moisture 8% very short, 19% short, 64% adequate, 9% surplus. Wind damage 10% light. Hail damage 1% light. Alfalfa 4% very poor, 10% poor, 17% fair, 65% good, 4% excellent; fourth cutting 95% complete, fifth cutting 45%

complete. Cotton 17% fair, 65% good, 18% excellent; 26% bolls open. Corn 1% poor, 4% fair, 70% good, 25% excellent; 95% dough, 70% dent, 30% mature. Irrigated sorghum 97% good, 3% excellent; 45% coloring, 6% mature. Dry sorghum 50% poor, 50% fair; 78% headed, 51% coloring. Irrigate winter wheat 73% good, 27% excellent; 50% planted. Dry winter wheat 29% poor, 29% fair, 42% good; 55% planted. Peanuts 50% fair, 40% good, 10% excellent; 5% harvested. Chile conditions 4% poor, 13% fair, 70% good, 13% excellent; 78% harvested green. Pecans 2% fair, 72% good, 26% excellent. Cattle 2% poor, 41% fair, 37% good, 20% excellent. Sheep 5% very poor, 8% poor, 44% fair, 30% good, 13% excellent. Range and pasture 3% very poor, 8% poor, 24% fair, 48% good, 17% excellent. Most areas received some precipitation which helped push most totals closer to monthly and yearly normals. Average temperatures were below normal for the week.

**NEW YORK:** Days suitable for fieldwork 4.8. Soil moisture 7% very short, 83% short, 10% adequate. Pasture condition 5% poor, 23% fair, 59% good, 13% excellent. Hay condition 8% poor, 28% fair, 46% good, 18% excellent. Corn 2% poor, 10% fair, 51% good, 37% excellent. Oats 98% harvested, 98% 2007, 97% average. Alfalfa Third cutting of 80%, 80% 2007, 76% average. Silage corn 10%, 23% 2007, 16% average. Potatoes 50%, 61% 2007, 57% average. Apple condition 31% poor, 31% fair, 28% good, 10% excellent. Grapes 11% poor, 26% fair, 49% good, 14% excellent. Peaches 6% poor, 28% fair, 55% good, 11% excellent; 84% harvested, 90% average. Pears 35% poor, 16% fair, 49% good, 47%, 74% average. Apples 23%, 40% average. Grapes 8%, 22% 2007. In the Finger Lakes, grape harvest continued in early varieties, while downy mildew posed challenges to growers in their efforts to keep foliage green and functional. The Lake Erie region was harvesting hybrids. In Long island vineyards, many grape varieties continued to develop nicely including Sauvignon Blanc, Chardonnay and Merlot. Sweet corn condition 1% poor, 9% fair, 58% good, 32% excellent. Snap beans 3% poor, 16% fair, 59% good, 22% excellent. Onions 4% poor, 5% fair, 66% good, 25% excellent; 72%, 66% 2007. Lettuce 47% fair, 45% good, 8% excellent. Cabbage 2% poor, 9% fair, 68% good, 21% excellent. Tomatoes 18% poor, 29% fair, 38% good, 15% excellent; 71% harvest, 77% 2007. Sweet corn 84%, 87% 2007. Snap beans 85%, 89% 2007. Cabbage 64%, 62% 2007. Temperatures averaged slightly above normal for most of the week while precipitation was heavy in many areas at the beginning of the week.

**NORTH CAROLINA:** Days suitable for field work 4.4. Soil moisture 3% very short, 17% short, 55% adequate, 25% surplus. Activities during the week included the harvesting of hay, corn for grain, corn for silage, apples, sweetpotato, sorghum and tobacco and scouting for pest and disease problems. North Carolina received scattered showers with precipitation ranging from .07 inches in Williamston, to 3.71 inches in Lenoir. Average temperatures ranged from 67 to 81 degrees. The Coastal Region received a fair amount of rain in the last two weeks, which helped some crops like hay and soybeans, but there are some reports that excessive moisture may negatively affect tobacco and sweetpotato crops.

**NORTH DAKOTA:** Days suitable for fieldwork 4.5. Topsoil moisture 16% very short, 14% short, 67% adequate, 3% surplus. Subsoil moisture 22% very short, 22% short, 55% adequate 1% surplus. Durum 82% harvested, 94% 2007, 84% average. Canola 98% swathed, 100% 2007, 98% avg.; 67% harvested, 96% 2007, 85% average. Corn for silage 21% chopped, 32% 2007, 45% average. Dry edible beans 91% lower leaves yellowing, 98% 2007, 88% avg.; 77% dropping leaves, 90% 2007, 78% avg.; 17% cut, 45% 2007, 47% avg.; 2% harvested, 27% 2007, 29% avg.; condition 1% very poor, 5% poor, 24% fair, 53% good, 17% excellent. Flaxseed 47% harvested, 83% 2007, 73% average. Potatoes 66% vines killed, 79% 2007, 74% avg.; 20% dug, 33% 2007, 27% avg.; condition 2% poor, 14% fair, 61% good, 23% excellent. Soybeans 75% leaves yellowing, 93% 2007, 80% average. Sugarbeets 4% lifted, 7% 2007, 5% avg.; condition 1% very poor, 3% poor, 9% fair, 67% good, 20% excellent. Sunflowers 91% ray flowers dried/dropped, 94% 2007, 89% avg.; 64% bracts turned yellow, 76% 2007, 68% avg.; 20% bracts turned brown, 34% 2007, 27% avg.; condition 1% very poor, 4% poor, 31% fair, 53% good, 11% excellent. Hay condition 19% very poor, 31% poor, 33% fair, 15% good, 2% excellent. Stockwater supplies 21% very short, 23% short, 55% adequate, 1% surplus. Alfalfa second cutting was 95% complete. Mostly dry conditions early in the week gave way to rainfall late in the week. The southeastern corner of the state saw the greatest amounts of precipitation. Harvest made good progress until rain and cool weather slowed harvest at the end of the week.

**OHIO:** Days suitable for field work 5.8. Topsoil moisture 32% very short, 38% short, 30% adequate, 0% surplus. Corn 83% dented, 89%

2007, 85% avg.; 18% mature, 25% 2007, 19% avg.; silage harvested 55%, 54% 2007, 44% avg.; condition 9% very poor, 19% poor, 37% fair, 29% good, 6% excellent. Soybeans 37% dropping leaves, 47% 2007, 41% avg.; 5% mature, 12% 2007, 9% avg.; condition 10% very poor, 21% poor, 39% fair, 25% good, 5% excellent. Apples harvested (Fall & Winter) 24%, 23% 2007, 16% avg. Grapes 39% harvested, 16% 2007, 19% avg. Cucumbers 90% harvested, 87% 2007, 84% avg. Potatoes 67% harvested, 46% 2007, 62% avg. Processing tomatoes 45% harvested, 62% 2007, 62% avg. Alfalfa hay 4th cutting 50%, 41% 2007, 33% avg. Other hay 3rd cutting 76%, 60% 2007, 60% avg. Hay condition 11% very poor, 19% poor, 36% fair, 29% good, 5% excellent. Livestock condition 0% very poor, 4% poor, 26% fair, 60% good, 10% excellent. Pasture condition 17% very poor, 28% poor, 32% fair, 21% good, 2% excellent. The major field activities for the past week were cutting and baling hay, corn silage harvest, and preparation for winter wheat seeding. Other field activities included preparation for row crop harvest, and the harvest of tomatoes, melons, sweet corn, and squash vegetable crops, tillage of wheat stubble ground, machinery repair, spreading lime, and installing drainage tiles. Scattered rains were reported throughout the State, with some reports stating that precipitation has come too late to improve row crop development. Crop conditions of corn and soybeans continued to deteriorate.

**OKLAHOMA:** Days suitable for fieldwork 3.3. Topsoil moisture 4% very short, 15% short, 60% adequate, 21% surplus. Subsoil moisture 9% very short, 18% short, 63% adequate, 10% surplus. Wheat seedbed prepared 71% this week, 70% last week, 73% last year, 79% average. Rye seedbed prepared 73% this week, 72% last week, 69% last year, 81% average; 19% planted this week, 13% last week, 17% last year, 32% average. Oats seedbed prepared 53% this week, 52% last week, 54% last year, 60% average. Corn condition 5% poor, 23% fair, 65% good, 7% excellent; 98% dough this week, 94% last week, 100% last year, 100% average; 53% mature this week, 48% last week, 88% last year, 73% average; 29% harvested this week, 45% last week, 58% last year, 47% average. Soybeans condition 1% very poor, 6% poor, 47% fair, 39% good, 7% excellent; 88% setting pods this week, 84% last week, 75% last year, 88% average; 16% mature this week, 13% last week, 15% last year, 33% average. Alfalfa condition 1% very poor, 10% poor, 41% fair, 41% good, 7% excellent; 4th cutting 87% this week, 84% last week, 90% last year, 85% average; 5th cutting 35% this week, 26% last week, 37% last year, 32% average. Other hay condition 2% very poor, 7% poor, 38% fair, 44% good, 9% excellent; 2nd cutting 60% this week, 58% last week, 68% last year, 72% average. Livestock condition 3% poor, 23% fair, 59% good, 15% excellent. Pasture and range condition 2% very poor, 7% poor, 32% fair, 50% good, 9% excellent. Livestock; Prices for feeder steers less than 800 pounds averaged \$111 per cwt. Prices for heifers less than 800 pounds averaged \$105 per cwt. Livestock conditions were rated mostly in the good to fair range with mostly light to moderate insect activity reported.

**OREGON:** Days suitable for field work 6.9. Top soil moisture 38% very short, 38% short, 24% adequate. Sub soil moisture 40% very short, 38% short, 22% adequate. Corn condition 36% fair, 48% good, 16% excellent. Range, pasture condition 23% very poor, 32% poor, 34% fair, 11% good. Winter Wheat 15% planted, 6% previous year, 8% 5-year average. Alfalfa third cutting 75%, 96% previous year, 74% 5-year average. Weather. Conditions were generally warm, dry throughout much of the State last week. High temperatures ranged from 98 degrees in Medford, down to 61 degrees in Crescent City. Low temperatures ranged from 51 degrees also in Medford, down to 27 degrees in Christmas Valley. Out of the forty-one weather stations reporting, none reported any measurable precipitation. As a result, precipitation levels were below average State-wide for the second week in a row. With the exception of coastal areas, temperatures were above normal at most stations. Field Crops; Warm, dry weather conditions this past week were ideal for harvesting grains still standing. Sprout damage on some grains that were harvested late was apparent. Haying continued across the State as the third cutting of alfalfa hay progressed. In Marion County, some fourth cuttings of hay were made, the mint, hop harvests in were nearing completion. Fall ground preparations continued throughout the State. While winter wheat began to appear in early seeded fields in Gilliam County, more moisture is needed to help grain seeding in eastern areas. Vegetables; Even though vegetable crops were nearing the end of harvest, local markets remained busy with a plentiful amount of produce. Freezing temperatures during the past couple weeks have had an impact on some sweet corn in the northeastern part of the State. The carrot seed harvest was just beginning in central Oregon. Harvest conditions were

looking favorable, despite starting a week or two later than last year. Vegetable seed crops were being combined in Douglas County. Fruits, Nuts; Hazelnut orchards continued to prepare for harvest with some early varieties beginning to drop. Although still behind normal ripening pace, the dry, warm conditions from last week allowed wine grapes to mature nicely, the crop continued to look good. The pear harvest was moving quickly in Douglas County with some varieties such as Bartlett's nearing completion, other varieties such as Comice, Anjou about 30 percent complete. Gala, other early varieties of apples were being harvested. Prunes, late blackberries, late peaches were also being harvested. The summer pear harvest continued in mid-Hood River Valley orchards, the winter pear harvest began in the lower valley. Nurseries, Greenhouses; Greenhouses were beginning to get fall decorative plants, vegetable starts out. Nurseries continued to be busy with stock up-keep. Livestock, Range, Pasture; Hot, dry weather has deteriorated dryland pastures, range all across the State, requiring producers to supplement feed. Drinking water was also limited in some areas. Livestock were still doing well, especially on irrigated pastures.

**PENNSYLVANIA:** Days suitable for fieldwork 4. Soil moisture 12% very short, 21% short, 63% adequate, 4% surplus. Fall 24%, 32% 2007, 26% avg. Corn 94% dough, 98% 2007, 94% avg.; 70% dent, 81% 2007, 76% avg.; 32% mature, 48% 2007, 36% avg.; 55% silage harvested, 54% 2007, 48% avg.; 12% harvested, 10% 2007, 8% avg.; condition 1% very poor, 13% poor, 22% fair, 45% good, 19% excellent. Soybean crop condition 1% very poor, 8% poor, 26% fair, 53% good, 12% excellent. Winter wheat 6% planted, 7% 2007, 6% avg. Barley 17% planted, 10% 2007, 15% avg. Tobacco 86% harvested, 80% 2007, 81% avg. Potatoes 38% harvested, 25% 2007, 41% avg. Alfalfa fourth cutting 62% complete, 45% 2007, 36% avg. Peaches 98% harvested, 99% 2007, 96% avg. Apple crop condition 3% poor, 25% fair, 50% good, 22% excellent; 36% harvested, 51% 2007, 42% avg. Quality of hay made 2% very poor, 1% poor, 34% fair, 51% good, 12% excellent. Pasture conditions 13% very poor, 28% poor, 40% fair, 15% good, 4% excellent. The rain did not allow farmers to get out into the fields as much last week as the previous weeks. Principal farm activities included mowing weeds, making hay, fall plowing, spreading manure and lime, planting alfalfa, barley and wheat, picking fruit, as well as harvesting corn, tobacco and potatoes. Farmers are also continuing fall plowing, as fall plowing is now 24 percent complete.

**SOUTH CAROLINA:** Days suitable for fieldwork 5.7. Soil moisture 6% very short, 32% short, 55% adequate, 7% surplus. Corn 46% very poor, 27% poor, 21% fair, 6% good, 0% excellent; 100% matured, 100% 2007, 99% avg.; 77% harvested, 84% 2007, 75% avg. Soybeans 10% very poor, 19% poor, 34% fair, 32% good, 5% excellent; 100% bloomed, 100% 2007, 99% avg.; 97% pods set, 86% 2007, 91% avg.; leaves turning color 11%, 14% 2007, 16% avg.; leaves dropped 5%, 5% 2007, 4% avg. Sorghum 26% very poor, 30% poor, 20% fair, 24% good, 0% excellent; 100% headed, 100% 2007, 100% avg.; turned color 81%, 90% 2007, 94% avg.; 49% matured, 68% 2007, 67% avg.; 22% harvested, 39% 2007, 38% avg. Sweetpotatoes 0% very poor, 10% poor, 45% fair, 45% good, 0% excellent; 1% harvested, 2% 2007, 10% avg. Apples 0% very poor, 5% poor, 70% fair, 25% good, 0% excellent; 33% harvested, 35% 2007, 36% avg. Livestock condition 2% very poor, 12% poor, 40% fair, 44% good, 2% excellent Tobacco 95% harvested, 94% 2007, 96% avg.; stalks destroyed 66%, 49% 2007, 60% avg. Hay other hay 99%, 100% 2007, 99% avg. Peaches 97% harvested, 95% 2007, 97% avg. Winter grazings 14% planted, 6% 2007, 14% avg. Most of South Carolina received rainfall this past week. The only problem is that areas that had a lot of rain from Fay and Hanna in previous weeks got even more to the point of being too wet for field work. However, the northernmost counties in the Upstate were dry again. This part of the state has not had much more rain this year than last year which was one of the driest on record. Corn harvest has been very busy the past three weeks. Better yields have been coming off of later planted fields, but overall production has been low for most growers. Recent rains have caused unwanted growth in some. Cotton fields at a time when drier weather would be welcome. There may be difficulty harvesting due to the excessive growth of the tops. A few farmers began defoliation this past week with many more planning to begin shortly. Late last week some early planted peanuts were being dug. Rainfall over the last week has helped fill soybean pods. Farmers were still scouting later maturing beans for stink bugs and worms with treatments being applied. Sweet potato harvest has just begun. Farmers are trying desperately to get the last of the tobacco leaf out of their fields that have been too wet for tractors and harvesters. The last cutting of hay was almost complete. Pastures in many parts of the state received rain last week. Apple harvest was ongoing. This year's

peach crop was coming to an end. The state average temperature for the week was four degrees above normal. The state average rainfall for the period was 0.9 inches.

**SOUTH DAKOTA:** Days suitable for fieldwork 5.6. Topsoil moisture 3% very short, 35% short, 58% adequate, 4% surplus. Subsoil moisture 5% very short, 31% short, 60% adequate, 4% surplus. Winter wheat 1% emerged, 4% 2007, 2% avg. Corn silage 33% harvested, 49% 2007, 56% avg. Sorghum silage 39% harvested, 53% 2007, 58% avg. Soybeans 1% mature, 11% 2007, 13% avg. Sunflower ray flowers dry 84%, 92% 2007, 85% avg.; bracts yellow 54%, 72% 2007, 62% avg.; 0% mature, 8% 2007, 10% avg.; 1% very poor, 3% poor, 27% fair, 56% good, 13% excellent. Alfalfa hay 3rd cutting harvested 75%, 83% 2007, 78% avg.; 1% very poor, 3% poor, 19% fair, 61% good, 16% excellent. Feed supplies 6% short, 81% adequate, 13% surplus. Stock water supplies 2% very short, 14% short, 77% adequate, 7% surplus. Cattle condition 10% fair, 71% good, 19% excellent. Sheep condition 1% poor, 7% fair, 70% good, 22% excellent. Continued cool and wet weather has further delayed crop progress, but has had little effect on the completion of fall planting and silage harvest activities.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 17% very short, 39% short, 43% adequate, 1% surplus. Subsoil moisture 26% very short, 39% short, 34% adequate, 1% surplus. Corn silage 89% harvested, 91% 2007, 88% avg. Tobacco 95% topped, 99% 2007, 98% avg.; 1% very poor, 5% poor, 33% fair, 52% good, 9% excellent. Burley tobacco 53% harvested, 74% 2007, 71% avg. Dark air-cured tobacco 80% harvested, 91% 2007, 85% avg. Dark fire-cured tobacco 72% harvested, 75% 2007, 74% avg. Pastures 11% very poor, 25% poor, 38% fair, 25% good, 1% excellent. Mostly dry weather across the state last week provided favorable harvest conditions. Corn and tobacco harvest progressed with isolated showers mid-week causing only temporary delays. Tropical Depression Ike passed through on Sunday bringing light rain with a few thunderstorms and windy conditions, especially to West and Middle Tennessee. The extent of damage to crops and livestock is unknown, although numerous trees and power lines were knocked down from the winds. Other field activities last week included defoliating cotton and harvesting hay.

**TEXAS:** Top soil moisture was mostly adequate statewide. Corn condition was mostly fair to good statewide. Cotton condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Range and pasture condition was mostly fair to good statewide. Small grain planting was delayed due to wet conditions in parts of the Panhandle, Cross Timbers, the Blacklands, and Edwards Plateau. Cotton development was slowed in parts of Edwards plateau and the Panhandle due to cool, wet weather. Corn harvest was underway in the High Plains; however, it was delayed later in the week due to rain. Sorghum continued to progress even though there was cooler weather in the Plains. Peanuts continued to mature in South Texas and the Southern High Plains. Land preparation continued for vegetables in South Texas. Pecans nut development moved into the shell hardening stage in some areas of the Trans-Pecos. Livestock conditions continued to improve due to the greened up pastures and ranges.

**UTAH:** Days suitable for field work 7. Subsoil moisture 22% very short, 39% short, 39% adequate, 0% surplus. Winter Wheat 17% Planted For Harvest Next Year, 18% 2007, 27% avg. Barley harvested (grain) 92%, 99% 2007, 98% avg.; Condition 0% very poor, 1% poor, 23% fair, 61% good, 15% excellent. Oats harvested (grain) 81%, 93% 2007, 90% avg. Corn 47% dent, 70% 2007, 64% avg.; 15% mature, 32% 2007, 28% avg.; height 104 inches, 100 inches 2007, 100 inches avg. Alfalfa height 36%, 36% 2007. Alfalfa Hay 3rd Cutting 69%, 93% 2007, 86% avg. Alfalfa Hay 4th Cutting 1%, 31% 2007, 21% avg. Other Hay Cut 100%, 100% 2007, 100% avg. Onions 56% harvested, 45% 2007, 43% avg. Cattle and calves moved From Summer Range 6%, 63% 2007, 30% avg. Sheep and lambs moved From Summer Range 4%, 34% 2007, 21% avg. Stock Water Supplies 15% very short, 29% short, 56% adequate, 0% surplus. Apples 6% harvested, 32% 2007, 34% avg. Apricots 100% harvested, 100% 2007. Peaches 88% harvested, 77% 2007, 79% avg. Pears 12% harvested, 70% 2007, 75% avg. Crops continue to progress around the state. Livestock continue to do well. There has been no report of major disease. Box Elder reports silage corn producers have opened some fields and expect to begin chopping this week. Corn silage yields have been good in some fields and poor in other. Grain corn is maturing and harvest will begin in about two weeks. Almost all of the small grain has been harvested except for some dry land spring grain that will have to wait

until the weeds freeze down. Some producers within the county are beginning to harvest safflower. Yields will vary widely but the price has been reported to be around \$.30 per lb. A few dry land producers have been able to plant fall grain while some producers are waiting for a good storm. Hay producers reported that the compressed hay plant south of Tremonton has stopped buying hay for the season. Farmers are unsure how this will affect hay prices. Cache County reports farmers are enjoying near perfect weather for harvest. Third crop alfalfa is being harvested this week and winter wheat is being planted. Farmers anticipate the chopping of corn silage within the next 10 days. Carbon County reports that the summer range looks very good. Recent fall rains have helped reduce concerns over drought conditions. A lot of hay is being sold out of the area while stockmen have saved enough for winter feeding. High hay prices have become a major concern for horse owners. Beaver County reports 3rd crop alfalfa cutting is going well while fall pastures are drying out. Garfield and Kane counties report that the higher elevations within the county received frost this week. Box Elder reports sheep producers will begin shipping lambs as they come off the summer ranges. Cache County reports livestock and dairy producers have been anticipating pneumonia problems, but have had few cases thus far.

**VIRGINIA:** Days suitable for fieldwork 5.2. Topsoil moisture 5% very short, 19% short, 68% adequate, 8% surplus. Subsoil moisture 16% very short, 33% short, 50% adequate, 1% surplus. Pasture 8% very poor, 23% poor, 42% fair, 25% good, 2% excellent. Livestock 1% very poor, 4% poor, 23% fair, 62% good, 10% excellent. Other Hay 5% very poor, 27% poor, 37% fair, 27% good, 4% excellent. Alfalfa Hay 14% poor, 31% fair, 45% good, 10% excellent. Corn 92% dent, 99% 2007, 89% avg.; 77% mature, 83% 2007, 70% avg.; 16% harvested, 25% 2007, 20% avg.; silage 64% harvested, 76% 2007, 71% avg.; condition 11% very poor, 22% poor, 26% fair, 27% good, 14% excellent. Soybeans 97% setting pods, 95% 2007, 96% avg.; 15% dropping leaves, 14% 2007, 17% avg.; condition 9% very poor, 17% poor, 38% fair, 28% good, 8% excellent. Flue-cured Tobacco 37% harvested; 66% 2007, 61% avg.; condition 2% very poor, 16% poor, 32% fair, 29% good, 21% excellent. Burley Tobacco 36% harvested, 40% 2007; 52% avg.; condition 4% poor, 22% fair, 65% good, 9% excellent. Dark Fire-cured tobacco 90% harvested. Peanuts condition 12% poor, 45% fair, 34% good, 9% excellent. Cotton bolls 54% opening, 78% 2007, 70% avg.; condition 19% poor, 48% fair, 25% good, 8% excellent. Summer Apples 98% harvested, 100% 2007, 100% avg. Fall Apples 19% harvested, 33% 2007, 46% avg.; condition 1% poor, 22% fair, 71% good, 6% excellent. Grapes 3% poor, 16% fair, 68% good, 13% excellent. Virginia received isolated rain showers this week. The rain improved pasture and hay conditions. In some areas, the rain will contribute to a second cutting of hay. The corn harvest was well underway, but still behind the norm for this time of year. Wet fields from Tropical Storm Hanna and a cooler than normal spring contributed to the late harvest. Corn yields vary significantly due to location and time of planting. However, the forecasted State yield for corn is 104 bushels per acre. Other farming activities included planting winter wheat, planting strawberries, harvesting tobacco, harvesting pumpkins, attending meetings, and analyzing price input cost for next year's crop.

**WASHINGTON:** Days suitable for fieldwork 7.0. Topsoil moisture 12% very short, 38% short 50% adequate. Spring grain harvest continued, with the end in sight. Whitman County reported their harvest was slowing. Asotin and Garfield Counties also reported grain harvest was nearly finished. A very dry soil profile throughout most of the eastern grain growing counties left many farmers wondering when to seed. However, Whitman, Adams and Lincoln Counties reported substantial seeding progress with few growers holding off until rain comes. Hay growers continued putting up third crop and fourth crop of hay, where allowed. Walla Walla County reports alfalfa seed harvest in progress. Garbanzo bean growers in Whitman County were picking up the speed of their harvest. Christmas tree growers continued top-working Noble fir and shearing Douglas fir. Kittitas County reported sweet corn harvest was nearing completion. In the Yakima Valley, no frost or precipitation was reported in the crop producing areas of the County. Bartlett pears, Gala and Honeycrisp were being harvested in the upper Valley. Golden Delicious apples were being harvested along the mid to lower Valley. Douglas and Chelan Counties reported apple and pear harvest continued. Whatcom County reported blueberry harvest was done. Pacific County reported cranberry growers were close to harvest. Yields were expected to be off due to cool, wet spring conditions. Range and pasture conditions 10% very poor, 28% poor, 38% fair, 22% good, 2% excellent. On the west side, livestock producers applied liquid manure and prepared fields for fall seeding to

pasture. On the eastern side, cattle continued moving to market. Garfield and Asotin Counties reported cattle operations were considering culling more heavily or getting out of the business due to high cost of feed, before cattle come back for the fall. Growers were very concerned regarding what to feed them when they return from summer pasture. Pacific County reported oyster growers continued harvest operations for triploid stock and finished seeding activities.

**WEST VIRGINIA:** Days suitable for field work 6. Topsoil moisture 6% very short, 44% short, 50% adequate, 34% very short, 40% short, 26% adequate last year. Corn conditions 2% poor, 10% fair, 67% good, 21% excellent; 78% doughing, 91% 2007, 88% 5-yr avg.; 48% dented, 59% 2007, 61% 5-yr avg.; 3% mature, 12% 2007, 14% 5-yr avg. Soybean conditions 2% fair, 87% good, 11% excellent; 26% dropping leaves, 33% 2007, 34% 5-yr avg. Wheat 3% planted, 2% 2007, 5% 5-yr avg. Hay 1% very poor, 9% poor, 45% fair, 42% good, 3% excellent; second cutting 88% complete, 81% 2007, 82% 5-yr avg.; third cutting 19% complete, 14% 2007, 5-yr avg not available. Apple conditions 10% poor, 50% fair, 30% good, 10% excellent; 31% harvested, 23% 2007, 22% 5-yr avg. Peach conditions 20% poor, 50% fair, 30% good, 73% harvested, 82% 2007, 86% 5-yr avg. Cattle and calves 2% poor, 14% fair, 80% good, 4% excellent. Sheep and lambs 1% poor, 8% fair, 88% good, 3% excellent. Farming activities included cutting hay, chopping corn for silage, moving cattle, hauling water for livestock, harvesting vegetables, clipping pastures and picking apples and peaches.

**WISCONSIN:** Days suitable for fieldwork 5.0. Topsoil moisture 13% very short, 49% short, 33% adequate, 5% surplus. Temperatures ranged from 0 to 4 degrees below normal. Average high temperatures ranged from 68 to 72 degrees across the state. Lows averaged from 49 to 57 degrees for the week. Precipitation ranged from 0.15 inches in LaCrosse to 1.92 inches in Milwaukee. Corn 84% dough, 48% dented, 8% mature, 16% silage harvested. Soybeans 65% turning, 27% dropping leaves. Third cutting hay was 92% complete and fourth

cutting hay was 31% complete. There were some reports of light frost. The majority of the state received a fair amount of rain this past week, which helped green up pastures.

**WYOMING:** Days suitable for fieldwork 5.0. Topsoil moisture 3% very short, 29% short, 66% adequate, 2% surplus. Subsoil moisture 19% very short, 36% short, 45% adequate. Barley 89% harvested, 85% previous week, 96% 2007, 96% avg. Oats 92% harvested, 85% previous week, 95% 2007, 92% avg. Spring wheat 95% harvested, 83% previous week, 100% 2007, 96% avg. Winter wheat 72% planted, 33% previous week, 77% 2007, 71% avg.; 12% emerged, 0% previous week, 38% 2007, 31% avg. Dry beans 84% turning color, 65% previous week, 92% 2007, 94% avg.; 26% windrowed, 12% previous week, 54% 2007, 52% avg.; 9% combined, 3% previous week, 20% 2007, 26% avg.; condition 15% fair, 85% good. Corn 90% milk, 73% previous week, 96% 2007, 97% avg.; 73% dough, 47% previous week, 87% 2007, 85% avg.; 40% dented, 17% previous week, 66% 2007, 58% avg.; 6% mature, 0% previous week, 21% 2007, 21% avg.; condition 2% poor, 23% fair, 75% good. Corn for silage 27% harvested, 11% previous week, 36% 2007, 43% avg. Alfalfa hay 94% second cutting, 90% previous week, 98% 2007, 97% avg.; 21% third cutting, 16% previous week, 36% 2007, 32% avg. Sugar beets condition 1% poor, 17% fair, 82% good. Range and pasture condition 2% very poor, 13% poor, 44% fair, 34% good, 7% excellent. Stock water supplies 2% very short, 16% short, 80% adequate, 2% surplus. Wyoming has experienced scattered rain showers last week. Nights remained cold with warmer days. Range and pasture conditions continued to lack moisture. Second cutting of alfalfa in isolated are was reported damaged due to the morning frost. Haying was still in progress. Winter wheat began emerging and corn began to mature. Activities hay harvest, moving hay to stock yards, shearing range sheep, branding and moving livestock.