ALABAMA: Days suitable for fieldwork 3.4. Topsoil moisture 1% very short, 8% short, 52% adequate, and 39% surplus. Corn condition 13% very poor, 20% poor, 34% fair, 29% good, 4% excellent; 98% dented, 99% 2007, 98% avg.; 87% mature, 85% 2007, 78% avg.; 30% harvested, 32% 2007, 31% avg. Soybean condition; poor, 18% poor, 37% fair, 33% good, 3% excellent; 97% blooming, 100% 2007, 98% avg.; 86% setting pods, 93% as 15% coil avg.; 26% dropping leaves, 50% 2007, 27% avg. Livestock condition 1% very poor, 14% poor, 50% fair, 32% good, 3% excellent. Pasture and range condition 4% very poor, 17% poor, 37% fair, 34% good, 4% excellent. Tropical storm Fay and hurricane Gustav brought torrential rains to parts of Alabama during the past couple of weeks. Average temperatures during the past week varied from four degrees below to three degrees above normal. All weather stations reported receiving rainfall during the past week. Total accumulations ranged from 1.43 inches to 6.83 inches. Corn harvest slowed in some areas following the recent tropical weather that left fields in many places too wet to run any equipment across. Pasture conditions showed improvement during the past week, as more soil moisture was available to promote grass growth. Pastures and hayfields were drying out following the recent storms, and some producers were harvesting a third cutting of hay. The state’s livestock remained in fair to excellent condition.

CALIFORNIA: Barley and wheat fields were still being windrowed, baled as straw. Harvest was in progress for alfalfa seed fields. Fields continued to be windrowed, raked, baled for the production of alfalfa hay. Corn for grain continued to be dried down for harvest. Chopping corn for silage was almost halfway complete in Tulare County. Cotton fields were in full bloom and continued squaring. Growers continued to look for aphid, mite, lygus in cotton. Irrigation was coming to an end in most cotton fields. Rice fields continued to grow nicely while being treated for weeds. Fall sugar beets were being irrigated, treated to control insects, diseases. Early planted sugar beet fields were being harvested. Black eye beans were dried for harvest after being given their last irrigations. Harvest was on schedule for California grapes. Thompson Seedless, Autumn Royal, Princess, Crimson, Diamond Muscat, Black Emerald, Red Globe, Summer Royal grapes were being picked. Wine, juice grape varieties harvested included Alicante Bouchet, Cabernet, Carignane, Grenache, Merlot, Sauvignon, Zinfandel. Harvesting of grapes for raisins continued. Zante currants were being rolled. The following stone fruit varieties were harvested: Ivory Princess, Japser Gem, Jasper Treasure, O’Henry, Rich Lady, Ryan Sun, September Flame 32, September Sun, September Snow, Snow King, Spring Treat, Sugar Crisp, Summer Flame, Summer Sweet, Summer Zee, Sweet Kay, Sweet September, Sweet Sun peaches; Angelino, Ebony Sun, Fortune, Friar, Howard Sun, Sugar Heart plums; Apple Fire, Black Kat, Dapple Fire, Emerald Beaute, Emerald Sweet, Flavor Grenade, Flavor Heart plutos; Arctic Pride, August Fire, August Pearl, Diamond Pearl, Fire Pearl, Red Lion, Regal Red, Red Roy, Ruby Bright, September Bright, September Pearl, Summer Bright, Summer Fire, Sunny Gun, Zee Fire nectarines. Gala and McIntosh apples, figs, Bartlett pears, Asian pears were being picked. Kiwis were sizing in Yuba County. Olives were sizing. Lemons were harvested. Valencia orange harvest remained slow. Navel oranges were developing size and were sprayed for scale. Early indications were that the Navel harvest would be light due to fruit drop earlier in the season. Pistachio growers were preparing for harvest. Walnut harvest was also approaching; preparations were underway on orchard floors. Many groves were still being irrigated. A few groves received cooling moth, pesticide applications. Almond harvest continued. In Imperial Valley, pre-irrigation of some of the fall produce fields started. Fresh market onions were shipped to Mexico. The early planted fall vegetable crop was growing well with very few insect problems reported. In southern San Joaquin Valley, summer carrot harvest was virtually completed. Fall vegetable crops were doing nicely. In central San Joaquin Valley, the tomato market continued to be sluggish due to heavy harvest volumes. Tomatoes were currently being exported to Mexico, Canada. Harvest of bell peppers, garlic, onions, processing tomatoes, okra, long beans, squash, sweet corn, cilantro, various Oriental vegetables continued. Harvest of watermelon, cantaloupe, honeydew, mixed melon was steady. Fall crop carrots were being planted, irrigated. Fields were being weeded, irrigated, fertilized, treated to control insects, mildew. Beets, all of the choyys, mustard, Napa cabbage, sweet corn, garlic, jicama, chayote were growing nicely. Asparagus ferns were being mowed to stimulate new growth; fall broccoli was being seeded. In northern San Joaquin Valley

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current vegetables harvested included fresh market tomatoes, melons, bell peppers. Farther north, harvests of fresh market onion, summer squash, watermelon, cantaloupe, honeydew, freezing squash, freezing beans, bell pepper continued, as well as spraying to control worms in tomato fields. In southern and central Sacramento Valley, harvests continued for fresh market and processed items, with tomatoes, beans, cucumbers, melons with good quality reported. Fungicide and insecticide treatments on tomatoes, beans continued as well as treatments for weeds, worms in melon fields. Farmer’s markets were going strong. Very poor grazing conditions continued in most areas of the state. Beef cattle on dry pasture were receiving supplements of hay, other nutrients. Many cattle were moved to lower elevations for over-wintering. Fire danger remained high in many areas. Fall beef cow calving was underway. Irrigated pastures were in good condition. High temperatures stressed dairy cows, resulting in decreased milk production. Sheep were grazing on idle farmland, harvested grain fields, and some rangeland. In the central part of the state, honeybees continued to pollinate melon fields in the central area, sunflower and vineseed crops in the north, and some remained in holding areas.

COLORADO: Days suitable for fieldwork 6.6. Topsoil moisture 3% very short, 33% short, 63% adequate 1% surplus. Subsoil moisture 13% very short, 49% short, 38% adequate, 0% surplus. Spring barley 62% harvested, 8% very short, 1% short, 7% very short, 25% fair, 40% good, 13% excellent. Dry onions 22% harvested, 29% 2007, 36% avg.; condition 1% very poor, 2% poor, 20% fair, 62% good, 15% excellent. Sugar beets condition 1% very poor, 3% poor, 15% fair, 56% good 25% excellent. Summer potatoes 21% harvested, 27% 2007, 37% avg.; condition 5% very poor, 5% poor, 10% fair, 60% good, 20% excellent. Tomatoes 12% harvested 6%, 2007, has avg.; condition 9% very poor, 14% poor, 28% fair, 37% good, 12% excellent. Dry Beans 99% flowered, 100% 2007, 99% avg.; 9% cut, 13% 2007, 12% avg.; condition 0% very poor, 0% poor, 24% fair, 66% good 10% excellent. Spring wheat 40% harvested, 55% 2007, 61% avg. condition 5% very poor, 21% poor, 43% fair, 17% excellent. Alfalfa 99% 2nd cutting, 100% 2007, 96% avg.; 45% 3rd cutting, 37% 2007, 38% avg.; condition 2% very poor, 7% poor, 24% fair, 49% good, 18% excellent. Corn Silage 14% harvested, 15% 2007, 14% avg. Most of Colorado experienced precipitation levels below average for this time of year. Temperatures averaged a little above normal.

DELAWARE: Days suitable for fieldwork 7. Topsoil moisture was rated very short to short in Delaware and short to adequate in Maryland. Abnormally dry conditions persisted in Delaware and the Eastern Shore of Maryland. Other areas of Maryland received much needed rainfall late in the week. Last Friday brought much needed rainfall to areas in Western, Central, and Southern Maryland. Localized rainfall accumulations ranged from 0.5 to 0.7 inches. This 1/2 to 3/4 topsoil moisture in those areas. Pasture conditions were rated very poor to fair in Delaware but fair to good in Maryland. Hay harvest progressed in both States with many fields working on the fourth cutting. Hay supplies were rated mostly adequate. The corn crop was maturing with 42 percent of the crop in Delaware at 90 percent in Maryland and considered 20 percent. Some harvesting of field corn has begun. Soybeans in Maryland have responded to the rain received late last week and quality remains mostly fair to good. However, Delaware soybeans were still suffering from lack of rainfall and quality was poor to fair. Some areas report that non-irrigated soybeans appear to be dying in spots and it may be too late for rain to benefit the crop. Vegetable harvest has passed peak, and is continuing steadily. Harvest of the summer potato crop was nearly complete. Apple harvest continued with excellent quality reported. Peaches were over 80 percent harvested.

FLORIDA: Topsoil moisture 10% short, 38% adequate, 52% surplus. Subsoil moisture 7% short, 46% adequate, 47% surplus. Fields still had excess moisture from Tropical Storm Fay. Santa Rosa County did not experience severe weather conditions, peanut crop nearing maturity. Jefferson County lost some pecan crop due to tropical storm, many fields still flooded. Soil moisture mostly adequate to surplus, Panhandle, central Peninsula; adequate in southern Peninsula. Postponed field work, no standing water. Volusia County difficulty getting water pumped off fields; vegetable land preparation, planting delayed. Steady demand of okra, avocados continued. Daily showers adding additional rainfall to already drenched citrus groves. Growers heavily affected by tropical storm still busy pumping excess water, preparing fields. Ditches, 2% standing water in isolated areas may still be a problem if left in groves too long. Some grove roads on east coast still under water, not drivable. Large operations limited unnecessary traffic to keep saturated dirt roads from getting deep ruts and damaging roads. Most areas not totally recovered from recent heavy rainfall, caretakers have not resumed normal grove maintenance activities. Those with dry groves able to mow middles, perform basic grove maintenance. Crop remains in good condition; growers look forward to a good season. Oranges about baseball size, grapefruit about softball size. Rain continues, rainfall in February, rainfall in March. Few areas rain, mostly dry. Average rain the past two months is 0.7", 2007 avg. 0.8", 2007 avg. Quality blooms through mid-October, 0.9" average rainfall. Unfavorable weather conditions for flowering and setting. Superior quality blooms have set; growers look forward to a good season. Oranges about baseball size, grapefruit about softball size. Pasture Feed 5% poor, 0% fair, 52% good, 10% excellent. Pasture Condition throughout State poor to excellent; some flooding in each area due to rain from Tropical Storm Fay. Panhandle pasture condition poor to excellent, most good. Pasture condition poor to excellent, flooded at several locations. Conditions are very dry to short in Panhandle, central Peninsula, very wet or flooded from tropical storm. Statewide cattle condition fair to excellent, most good.

GEORGIA: Days suitable for fieldwork 3.7. Topsoil moisture 3% very short, 9% short, 62% adequate, 28% surplus. Corn 9% very poor, 21% poor, 33% fair, 32% good, 5% excellent; 92% mature, 89% 2007, 99% 2007; harvested for grain 42%, 2007, 49% avg. Soybeans 4% very poor, 12% poor, 45% fair, 35% good, 4% excellent; 94% blooming, 96% 2007, 98% avg.; 79% setting pods, 75% 2007, 87% avg.; 2% dropping leaves, 2% 2007, 7% avg. Sorghum 4% very poor, 10% poor, 35% fair, 49% good, 2% excellent; harvested for grain 25%, 2% weather and irrigation. Cotton 90% very poor, 20% good, 10% excellent. Cotton 90% very poor, 14% poor, 43% fair, 36% good, 3% excellent. Tobacco 71% harvested, 74% 2007, 88% avg. Much needed rain helped to improve crop conditions and top soil moisture. Corn, cotton and pecans were in fair condition despite the trend of rain and humidity levels. Abnormally dry conditions persisted in the east and southern parts of the state. Palm Beach County reported the most rain of 1.5", and the Pinellas County area reported the least at 0.25". Daily reports indicate the trend of dry weather conditions is continuing. Many growers are reporting a good crop setting and the potential for moderate to heavy rainfall throughout the week is expected. Most areas are in need of rain to improve current dry fields conditions. Expect continued favorable weather conditions for good growth of current vegetables harvested. Topsoil moisture 10% short, 38% adequate, 52% surplus. Days suitable for fieldwork 6.2. Topsoil moisture 13% very short, 34% short, 52% adequate, 1% surplus. Alfalfa hay third cutting 82%, 85% 2007, 87% avg. Com 91% dough, 89% 2007, 97% avg. 48% dent, 89% 2007, 78% avg.; 3% very poor, 5% poor, 24% fair, 52% good, 16% excellent. Soybeans turning yellow 5%, 34% 2007, 25% avg.; 3% very poor, 7% poor, 28% fair, 52% good, 10%
excellent. Sorghum 94% headed, 100% 2007, 98% avg.; coloring 37%, 82% 2007, 71% avg.; 8% poor, 20% fair, 68% good, 4% excellent. Another week of cool, dry weather conditions was received in Illinois this past week. Producers continue to look for rain to improve moisture conditions. Crops are maturing slowly due cool temperatures. Aphids and Japanese beetles are still a concern in areas. Other activities included spraying, mowing, and preparing machinery. The average temperature this past week was 2.5 degrees below normal. The average weekly precipitation was 0.34 inch below normal.

INDIANA: Days suitable for fieldwork 6.9. Topsoil moisture 27% very short, 46% short, 27% adequate. Subsoil moisture 18% very short, 38% short, 44% adequate. Corn 39% 2007, 51% avg.; 42% dented, 74% 2007, 64% avg.; condition 4% very poor, 10% poor, 27% fair, 43% good, 16% excellent. Soybeans 93% setting pods, 99% 2007, 97% avg.; 6% shedding leaves, 17% 2007, 11% avg.; condition 6% very poor, 12% poor, 33% fair, 37% good, 12% excellent. Alfalfa third cutting complete 84%, 79% 2007, 82% avg. Pasture condition 12% very poor, 24% poor, 33% fair, 24% good, 7% excellent. Pastures continued to deteriorate. Livestock are in mostly good condition.

KENTUCKY: KANSAS: Temperatures remained moderate, preventing significant crop stress, but progress toward maturity is visible. Average temperatures ranged from 3 degrees below normal east central Lower Peninsula to 1 degree above normal western and eastern parts of the State. Abnormally dry conditions remained most areas as very little rain fell past seven days. Crops suffering from lack of moisture, but some normal ripening taking place. The majority of corn crop dough stage and a good deal dent stage. Corn continued to dry causing some growers to chop their corn for silage. Soybeans have set pods and leaves turning. Alfalfa harvest continued with a second cutting nearing completion and some growers getting a third cutting. Reports of a short third cutting, as regrowth slow. Dry bean leaves turning and some shedding leaves. Harvest of early varieties just beginning some fields. Winter wheat growers continued to prepare fields for planting. Sugaring of a very young crop and looking forward to harvest. Harvest of oats essentially finished. The harvest of early season apples wound down, and picking of Galas will begin this week. Elliot and other late season blueberry varieties harvested continued. Anthracnose rot has been a problem. Concord grape vineyards damaged by frost still had a lot of great berries, but very few others were frost damaged. Spotted winged fruit flies and Japanese beetles are still a concern in areas. Other activities included spraying, mowing, and preparing machinery. The average

KENTUCKY: Days suitable for fieldwork 5.9. Topsoil moisture 6% very short, 21% short, 6% surplus. Crop activity 6%, 6% surplus. Corn moisture for rain is 4%, 28% short, 72% adequate, 3% surplus. Condition 4% very poor, 9% poor, 26% fair, 48% good, 15% excellent. Soybeans 95% setting pods, 9% turning color, condition 2% very poor, 8% poor, 28% fair, 48% good, 14% excellent. Oats harvested for rain is 4%, complete. Alfalfa Second cutting of is complete 99%, Third cutting complete 50%. Hay condition 2% very poor, 12% poor, 38% fair, 40% good, 8% excellent. Pasture condition 4% very poor, 13% poor, 33% fair, 43% good, 7% excellent. Topsoil and subsoil moisture supplies deteriorated again across much of the State, but are still mostly adequate except in the northernmost and Southwestern districts. Hay and pasture growth was limited across most of the State. Temperatures remained moderate, preventing significant crop stress, but progress toward maturity is visible.

KANSAS: Days suitable for field work 5.9. Topsoil moisture 6% very short, 21% short, 6% surplus. Crop activity 6%, 6% surplus. Corn moisture for rain is 4%, 28% short, 72% adequate, 3% surplus. Sunflowers are 85% blooming, 98% in 2007, 92% avg.; 29% rain flowers dry, 41% 2007, 43% avg.; 8% bracts yellow, 12% 2007, 14% avg.; condition 1% very poor, 7% poor, 25% fair, 60% good, 7% excellent. Alfalfa Fourth cutting of is completed 39%, 47% in 2007, 41% avg. Feed grain supplies 1% very short, 1% short, 1% surplus. Hay and forage supplies 2% very short, 7% short, 83% adequate, and 8% surplus. Stock water supplies are 2% very short, 8% short, 85% adequate, and 5% surplus. Primary farm activity involved cutting hay, high moisture corn and silage harvesting, and preparing for wheat planting.

KENTUCKY: Days suitable for fieldwork 5.8. Topsoil moisture 43% very short, 36% short, 21% adequate. Subsoil moisture 38% very short, 41% short, 21% adequate. Burley tobacco cut 45%, 50% last year, 47% average. Dark tobacco 48% cut, 50% last year, 39% average. Tobacco condition 4% very poor, 12% poor, 26% fair, 43% good, 15% excellent. The hay crop condition 14% very poor, 25% poor, 34% fair, 25% good, 2% excellent. Pasture condition 24% very poor, 28% poor, 31% fair, 16% good, 1% excellent. Farm activities last week included cutting, housing tobacco, cutting hay, harvesting corn, and other general farm work.

LOUISIANA: DATA NOT AVAILABLE

MARYLAND: Days suitable for fieldwork 7. Abnormally dry conditions persisted in Delaware and the Eastern Shore of Maryland. Other areas of Maryland received much needed rainfall late in the week. Last Friday brought much needed rainfall to areas in Western, Central, and Southern Maryland. Localized rainfall accumulations ranged from 0.5 to 0.7 inches. This helped to restore topsoil moisture in those areas. Soil moisture was rated very poor to short in Delaware and short to adequate in Maryland. Conditions were rated very poor to very poor to fair in Delaware but fair to good in Maryland. Hay harvest progressed in both States with many fields working on the fourth cutting. Hay supplies were rated mostly adequate. The corn crop was maturing well with 42 percent of the crop in Delaware and 40 percent in Maryland considered mature. Some harvesting of field corn has begun. Soybeans in Maryland have responded to the rain received late last week and quality remains mostly fair to good. However, Delaware soybeans were still suffering from lack of rainfall and quality was poor to fair. Some areas report that non-irrigated soybeans appear to be dying in spots and it may be too late for rain to benefit the crop. Vegetable harvest continued with excellent quality reported. Peaches were over 90 percent harvested.

MICHIGAN: Days suitable for fieldwork 7. Topsoil moisture 47% very short, 35% short, 18% adequate, 0% surplus. Subsoil 38% very short, 33% short, 29% adequate, 0% surplus. Corn silage 12% harvested, 14% 2007, 9% avg. Soybeans turning 21%, 12% 2007, 14% avg. Oats 97 harvested %, 100% 2007, 96% avg. Potatoes 21% harvested, 10% 2007, 13% avg. All hay 8% very poor, 22% poor, 39% fair, 26% good, 5% excellent. Second cutting hay 96%, 100% 2007, 95% avg. Third cutting hay 56%, 60% 2007, 55% avg. Fourth cutting hay 4%, 5% 2007, 4% avg. Dry beans 2% very poor, 1% poor, 17% fair, 63% good, 17% excellent. Dry beans turning 31%, 60% 2007, 61% avg.; 18% dropping leaves. Apple harvest 7%, 15% avg. Blueberries 92% harvested, 97% 2007, 92% avg. Peaches 51% harvested, 70% 2007, 75% avg. Through Monday, September 1, precipitation varied from 0.02 inches northwestern Lower Peninsula to 0.26 inches central Lower Peninsula. Average temperatures ranged from 3 degrees below normal east central Lower Peninsula to 1 degree above normal western and eastern parts of the State. Celery harvest continued on schedule southwest part of State. Crop experts reported that celery quality good but most growers irrigating due to very dry soil conditions. Tomato harvest continued, with some producers reporting a disappointing crop. Hay harvest continued for popcorn, onions, leeks, carrots, peppers, sweet corn and snap beans. Pumpkins and winter squash continued to develop, while harvest for fall cabbage and other cole crops began some areas.
**MISSISSIPPI:** Days suitable for fieldwork 3.7. Soil moisture 1% very short, 4% short, 18% adequate, 52% surplus. Corn 100% dent, 100% 2007, 99% avg.; 93% mature, 99% 2007, 95% avg.; 35% harvested, 68% 2007, 59% avg.; 90% silage harvested, 99% 2007, 99% avg.; 8% very poor, 12% poor, 20% fair, 39% good, 21% excellent. Cotton 50% setting bolls, 139% 2007, 100% avg.; 20% short, 69% 2007, 55% avg.; 6% very poor, 8% poor, 21% fair, 42% good, 23% excellent. Peanuts 0% harvested, 6% 2007, 2% avg.; 0% very poor, 0% poor, 4% fair, 75% good, 21% excellent. Rice 95% heading, 100% 2007, 100% avg.; 40% mature, 85% 2007, 59% avg.; 2% harvested, 16% 2007, 13% avg.; 0% very poor, 3% poor, 1% fair, 66% good, 37% excellent. Sorghum 100% heading, 100% 2007, 100% avg.; 95% turning color, 99% 2007, 100% avg.; 59% mature, 90% 2007, 92% avg.; 22% harvested, 48% 2007, 55% avg.; 41% silage harvested.; 1% very poor, 5% poor, 16% fair, 50% good, 28% excellent. Soybeans 99% setting pods, 100% 2007, 100% avg.; 59% turning color, 70% 2007, 76% avg.; 29% shedding leaves, 56% 2007, 61% avg.; 5% harvested, 26% 2007, 37% avg.; 6% very poor, 8% poor, 27% fair, 41% good, 18% excellent. Hay (harvested-warm) 83%, 85% 2007, 85% avg.; 2% very poor, 8% poor, 26% fair, 40% good, 24% excellent. Sweetpotatoes 1% harvested, 9% 2007, 9% avg.; 0% very poor, 5% poor, 23% fair, 63 good, 14% excellent. Cattle 3% very poor, 5% poor, 25% fair, 53% good, 14% excellent. Pasture 3% very poor, 9% poor, 33% fair, 40% good, 15% excellent. Many crop producers roused to harvest as much as they could before the rain and wind from Hurricane Gustav arrived in Mississippi. Scattered showers throughout the State have benefitted crops still developing. Armyworms continue to be a concern for those in the Northeast. Some sweet potato producers have begun harvesting. **NEVADA:** Days suitable for fieldwork 7. Alfalfa is in generally good condition throughout the state as third cutting continues. Small grain harvest is complete. Livestock are in predominately good condition. Onions are in good condition for harvest. Alfalfa harvest is underway. Potatoes are in very good condition. Two forest fires are currently burning in Nevada. Main farm and ranch activities include irrigation, harvest of hay, weed control and equipment maintenance. Temperatures averaged from two to seven degrees above normal across the state. The week's high temperatures ranged from 90 degrees in Ely to 107 degrees in Las Vegas. The week's low temperatures ranged from 37 degrees in Eureka to 75 degrees in Las Vegas. Precipitation was recorded in Elko, Ely, Eureka, Tonopah, and Las Vegas. Tonopah recorded the most precipitation with 0.23 inches. **NEW ENGLAND:** Days suitable for field work 6.9. Topsoil moisture 5% very short, 34% short, 59% adequate, 2% surplus. Pasture condition 2% very poor, 9% poor, 34% fair, 49% good, 6% excellent. Light rain fell over most of the State; however, more rain is needed to sustain the yield potential of late planted crops. Temperatures ranged from 4 degrees below normal to 2 degrees above normal over most of the state. The warm, sunny weather continues to advance all crops toward maturity. The average first 32 degree frost date, according to the National Weather Service, for select communities is Carrolton (Oct. 13), Clinton (Oct. 17), Kirkville (Oct. 11), Lamar (Oct. 24), New Madrid (Oct. 28), Springfield (Oct. 21), and Cape Girardeau (Oct. 24). Rainfall for the week was 0.2-1.4 inches. Most of the rainfall fell over the north central and western districts and the central city. Activities 3rd cutting alfalfa; care of livestock. **NEBRASKA:** Days suitable for fieldwork 6.6. Topsoil moisture 10% very short, 38% short, 51% adequate, 1% surplus. Subsoil moisture 9% very short, 34% short, 56% adequate, 1% surplus. Overall, 4% very short, 14% very poor, 4% poor, 18% fair, 54% good, 22% excellent. Irrigated corn conditions 1% very poor, 2% poor, 16% fair, 54% good, 27% excellent. Dryland corn conditions 2% very poor, 7% poor, 23% fair, 53% good, 15% excellent; 92% dough, 96% 2007, 95% avg.; 63% dent, 75% 2007, 69% avg.; 2% mature, 8% 2007, 6% avg. Soybean conditions 2% very poor, 7% poor, 25% fair, 53% good, 13% excellent; 90% setting pods, 99% 2007, 99% avg.; 5% turning color, 13% 2007, 19% avg. Onions 1% dropping leaves, 1% 2007, 3% avg. Corn conditions 0% very poor, 3% poor, 23% fair, 54% good, 20% excellent; 98% headed, 100% 2007, 96% avg.; 30% turning color, 56% 2007, 47% avg.; 0% mature, 1% 2007, 1% avg. Winter wheat 3% seeded, 5% 2007, 3% avg. Proso millet 2% harvested, 5% 2007, 9% avg. Oats 100% harvested, 100% 2007, 100% avg. Dry Bean conditions 0% very poor, 5% poor, 25% fair, 56% good, 14% excellent; 52% turning color, 4% 2007, 43% avg.; 8% dropping leaves, 14% 2007, 17% avg. Alfalfa conditions 3% very poor, 8% poor, 32% fair, 48% good, 9% excellent; 85% 3rd cutting, 83% 2007, 88% avg.; 4th cutting 3%, 8% 2007, 9% avg. Pasture and Range conditions 5% very poor, 12% poor, 28% fair, 47% good, and 8% excellent. A dry week, kept producers busy irrigating. Producer activities included preparing wheat ground for seeding and planting alfalfa. Many producers were gearing up for slago, proso millet, and dry bean harvest. Temperatures averaged 1 degree above normal across the state. The eastern part of the state averaged below normal temperatures. The Panhandle had highs in the mid-90s to the upper-70s. For the most part it was a dry week across the state; the South Central District averaged the most at just below a half an inch.
from 0.01 inches in the North to 0.32 inches in the South. The week ended windy with partly cloudy skies. Major farm activities included harvesting all cuts of hay, harvesting fruit and vegetable crops, irrigating vegetable fields, monitoring for pests, pruning orchard trees, mowing orchard floors, applying fungicides, spreading manure, and chopping corn a few early Sunday morning.

NEW JERSEY: Days suitable for field work 7.0. Topsoil moisture 5% very short, 55% short, 40% adequate. Subsoil moisture 5% very short, 40% short, 55% adequate. There were measurable amounts of rainfall for the week in some localities. Temperatures were above normal during the week across the Garden State. Crops affected by heat stress included peppers, sweet corn, squash, and tomatoes as dry conditions persisted. Alfalfa and other hay varieties were also affected by lack of moisture in some localities. Producers continued planting fall vegetables and harvesting summer crops. In the central district, soybeans were sprayed for spider mites. Pumpkins continued coloring nicely. Early apple harvesting continued in north Jersey. Producers continued irrigating, planting, and harvesting some fall vegetables.

NEW MEXICO: Days suitable for field work 6.3. Topsoil moisture 8% very short, 31% short, 55% adequate, 6% surplus. Wind damage 10% light, 5% moderate. Hail damage 2% light, 17% moderate. Alfalfa 2% poor, 32% fair, 59% good, 7% excellent; fourth cutting 83% complete, fifth cutting 27% complete. Cotton 31% fair, 55% good, 14% excellent; 95% settling bolls, 7% opening bolls. Corn 1% poor, 18% fair, 53% good, 28% excellent; 85% dough, 47% dent. Irrigated sorghum 31% fair, 65% good, 4% excellent; 25% lodging, 2% mature. Dry sorghum 10% poor, 80% fair, 10% good; 70% headed, 45% coloring. Peanuts 10% poor, 73% fair, 6% good, 4% excellent; 95% pegging. Lettuce 95% planted. Chile conditions 5% poor, 20% fair, 69% good, 6% excellent; 70% harvested green. Apples 53% fair, 47% good. Pecans 73% good, 27% excellent. Cabbage 4% poor, 37% fair, 51% good, 8% excellent. Sheep 4% very poor, 11% poor, 39% fair, 34% good, 12% excellent. Range and pasture 3% very poor, 11% poor, 35% fair, 39% good, 12% excellent. Farmers were irrigating and harvesting crops and baling hay. Winter wheat producers were starting planting.

Temperatures were near normal in the Northern third of the State and below normal in the Southern two thirds. Dry in the extreme Northwest district, soybeans were sprayed for spider mites. Pumpkins continued coloring nicely. Early apple harvesting continued in north Jersey. Producers continued irrigating, planting, and harvesting some fall vegetables.

OHIO: Days suitable for field work 5.9. Topsoil moisture 34% very short, 38% short, 28% adequate, 0% surplus. Corn 78% dough, 89% 2007, 85% avg. 44% denting, 61% 2007, 52% avg. 5% mature, 6% 2007, 3% 2006, 14% 2007, 17% avg. Condition 7% very poor, 16% poor, 33% fair, 50% good, 9% excellent. Soybeans 9% dropping leaves, 7% 2007, 7% avg.; condition 6% very poor, 17% poor, 39% fair, 32% good, 6% excellent. Apples harvested (Summer) 89%, 77% 2007, 84%. Apples harvested (Fall & Winter) 6%, 4% 2007, 3% avg. Peaches 42% harvested, 74% 2007, 83% avg. Grapes 1% harvested, NA% 2007, 3% avg.; setting pods 73% this week, 49% last week, 34% last year, 45% average. Corn condition 5% very poor, 10% poor, 42% fair, 34% good, 4% excellent. The major field activities for the past week were the corn silage harvest and cutting and baling hay. It was extremely dry throughout the state, most areas have been without significant rain for at least a month. As a result of dry field conditions throughout the State, crop condition of corn and soybeans are deteriorating rapidly. Spider mites and bean leaf beetles have been observed in soybean fields in the Northwest district. Other field activities for the week included mowing wheat stubble, preparing for fall planting of pasture and hay, manure hauling, grain hauling, installing drainage tile, and the harvest of tomatoes, melons, sweet corn, and squash vegetable crops.

OKLAHOMA: Days suitable for field work 5.8. Topsoil moisture 8% very short, 26% short, 64% adequate, 2% surplus. Subsoil moisture 14% very short, 30% short, 54% adequate, 2% surplus. Wheat seeded prepared 52% this week, 30% last week, 46% last year, 55% average; Rye seeded prepared 27% this week, 53% last week, 35% below last year, 41% last year, 57% average; Oats seeded prepared 33% this week, N/A last week, 34% last year, 45% average. Corn condition 5% poor, 21% fair, 67% good, 7% excellent; dough 93% this week, 89% last week, 99% last year, 99% average; mature 47% this week, 45% last week, 54% last year, 49% average; harvested 45% this week, 30% last week, 23% last week, 29% average. Soybeans condition 1% very poor, 6% poor, 42% fair, 44% good, 7% excellent; blooming 90% this week, 80% last week, 80% last year, 90% average; setting pods 73% this week, 61% last week, 59% last year, 75% average. Peanuts setting pods
OREGON: Days suitable for fieldwork 6.1. Top soil moisture 29% very short, 37% short, 34% adequate. Sub soil moisture 33% very short, 48% short, 19% adequate. Alfalfa condition 15% very poor, 39% poor, 23% fair, 21% good, 2% excellent; 93%, harvested 89% previous year, 91% 5-year average. Barley condition 11% very poor, 25% poor, 34% fair, 29% good, 1% excellent; 96% harvested, 94% previous year, 89% 5-year average. Com condition 10% fair, 72% good, 18% excellent. Range, pasture condition 21% very poor, 30% poor, 32% fair, 17% good Alfalfa third cutting 59%, 62% previous year.

Weather. Unseasonably cooler temperatures prevailed last week throughout much of the State. High temperatures ranged from 95 degrees in Ontario, Rome, Medford, down to 64 degrees in Crescent City. Low temperatures ranged from 52 degrees in The Dalles, down to 24 degrees in Christmas Valley. The Eugene weather station received the most precipitation with 0.85 total inches followed by the Hillsboro station with 0.68 total inches. Twenty-three of the forty-two weather stations reported measurable precipitation, with most substantial rainfall concentrated along the Coast & in the Willamette Valley. Precipitation levels were below average in most other areas. Temperatures were below normal throughout the State. Field Crops Harvest of remaining small grains was slowed due to damp weather. Sprouting continued to be a concern. Field activities for fall planting did not stop, in fact conditions for early seedling improved. The rain was welcomed for next year’s crops. However, the rain was not so good for the red clover harvest. Third cuttings, as well as a few late second cuttings, of hay continued. Hops were being harvested. The Norkotah potato crop has matured in central Oregon. Vegetables; The green bean harvest continued this past week in the Willamette Valley, despite the cool, damp conditions. The growing weather continued to be very unstable this year as many growers are looking forward to drier, warmer conditions to finish off their harvests. Many farmer’s markets, roadside stands are still going strong with an array of available locally grown vegetables. Beets for seed were being harvested, table beets were going to processors in Washington County. Fruits & Nuts; Summer apple, pear harvest continued in many parts of the State. Red, 7th picking in Clackamas County. Fruit in Douglas County remains 7 to 10 days behind maturation schedule. Southern Oregon peaches continued to be picked. Grapes continued to mature, appeared in good shape. Nurseries, Greenhouses; Nurseries remained busy with maintaining, upkeep. Sweet corn, Green bean, rotating potted plants, keeping shrubs, small trees irrigated. Livestock, Range, Pasture. Pasture conditions improved slightly in some Willamette Valley counties due to the precipitation from last week. However, operators were still providing supplemental feed to livestock. In other areas, dry conditions continued to deteriorate non-irrigated pastures, while irrigated pastures still had ample forage. Overall, livestock were looking good throughout the State.

SOUTH DAKOTA: Days suitable for fieldwork 6.7. Topsoil moisture 9% very short, 36% short, 51% adequate, 2% surplus. Subsoil moisture 7% very short, 31% short, 60% adequate, 2% surplus. Winter wheat 3% seeded, 4% 2007, 6% barley. 98% harvested, 100% 2007, 99% avg. Corn silage harvested 3%, 11% 2007, 22% avg. Sorghum silage harvested 4%, 2007, 29% avg. Soybeans 0% mature, 1% 2007, 1% avg. Sunflower 98% blooming, 99% 2007, 98% avg.; ray flowers dry 45%, 60% 2007, 48% avg.; bracts yellow 13%, 37% 2007, 26% avg.: 0% mature, 0% 2007, 1% avg.: 1% very poor, 2% poor, 22% fair, 58% good, 17% excellent. Alfalfa hay 2nd cutting harvested 95%, 100% 2007, 100% avg.; 3rd cutting harvested 51%, 67% 2007, 59% avg.; 1% very poor, 4% poor, 16% fair, 65% good, 14% excellent. Feed supplies 6% short, 82% adequate, 12% surplus. Soybean oil and meal 1% 2007, 1% avg. Cotton condition 7% fair, 78% good, 15% excellent. Continued lack of precipitation along with hot and windy weather has caused concern over crop and pasture conditions, while speeding along crop development.

TEXAS: Days suitable for fieldwork 5. Topsoil moisture 10% very short, 30% short, 58% adequate, 2% surplus. Subsoil moisture 22% very short, 33% short, 45% adequate. Corn silage harvested, 78% 2007, 71% avg. Tobacco 85% topped, 86% 2007, 90% very poor, 21% poor, 40% fair, 27% good, 3% excellent. Principal farm activities included mowing weeds, making hay, fall plowing, spreading manure and lime, planting alfalfa, picking fruit, as well as harvesting corn for silage, sweet corn, tobacco, potatoes, tomatoes and other vegetables. Farmers are also preparing for fall harvest.
gone down hill in the last 30 to 45 days due to drought and extreme heat. Cache County reports that the livestock are faring well but as the nights begin to get cooler farmers are anticipating an increase in pneumonia in their cattle. Beaver County reports ranges and pasturelands are getting very dry.

**VIRGINIA:** Days suitable for field work 4. Topsoil moisture 26% very short, 32% short, 40% adequate, 2% surplus. Soybean moisture 23% very short, 44% short, 32% adequate, 1% surplus. Pasture 16% very poor, 26% poor, 42% fair, 15% good, 1% excellent. Livestock 1% very poor, 4% poor, 31% fair, 53% good, 11% excellent. Other Hay 15% very poor, 23% poor, 41% fair, 19% good, 2% excellent. Alfalfa Hay 2% very poor, 16% poor, 45% fair, 31% good, 6% excellent. Corn 90% dough; 94% 2007; 92% avg.; 73% dent; 83% 2007; 73% avg.; 38% mature; 49% 2007; 42% avg.; 2% harvested; 3% 2007; Corn silage harvested 41%; 52% 2007; 48% avg.; Condition 13% very poor, 24% poor, 28% fair, 28% good, 7% excellent. Soybeans 93% Blooming; 94% 2007; 96% avg.; 76% setting pods; 83% 2007; 85% avg.; 1% dropping leaves, 1% 2007; 3% avg.; condition 15% very poor, 23% poor, 35% fair, 25% good, 2% excellent. Flue-cured Tobacco 30% harvested; 44% 2007; 44% avg.; condition 17% very poor, 18% poor, 37% fair, 24% good, 4% excellent. Burley Tobacco 12% harvested; 15% 2007; 19% avg.; condition 6% poor, 26% fair, 59% good, 9% excellent. Activities:alfa hay harvested. Peanuts continued to improve in the Cross Timbers and Edwards Plateau. Livestock continued to improve due to the steady rise in temperatures.

**WASHINGTON:** Days suitable for field work 5.8. Topsoil moisture 12% very short, 36% short, 39% adequate, 17% surplus. Grain harvest is well underway. However, with favorable weather conditions, some of the double crop soybeans can still make decent yields. The majority of cotton and potatoes are in fair to good condition. Other fields included maintenance on harvesting equipment, bush hogging around ditches, spraying for corn worms, and taking short vacations before harvesting is well underway.

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Farming activities included harvesting oats, making hay, clipping pastures, harvesting apples and peaches, chopping corn for silage, and equipment maintenance.

**WISCONSIN:** Days suitable for fieldwork 6.6. Topsoil moisture 29% very short, 45% short, 26% adequate, 0% surplus. Temperatures ranged from 0 to 3 degrees below normal. Average high temperatures ranged from 78 to 81 degrees across the state. Lows averaged from 50 to 61 degrees for the week. Precipitation ranged from 0.00 inches in Milwaukee to 1.66 inches in Eau Claire. Corn 61% dough, 20% dented, silage harvest 3%. Soybeans 98% setting pods, 10% turning color.

Oats for grain 98% harvested. Hay Third cutting was 84% complete, fourth cutting 19% complete. Crops continued to be stressed from lack of moisture. Some west central areas saw rain, while the rest of the state saw minimal to no precipitation.

**WYOMING:** Days suitable for fieldwork 6.6. Topsoil moisture 12% very short, 33% short, 54% adequate, 1% surplus. Subsoil moisture 19% very short, 40% short, 41% adequate. Barley 97% mature, 88% previous week, 97% 2007, 97% avg.; 73% harvested, 59% previous week, 91% 2007, 88% avg. Oats 94% mature, 82% previous week, 95% 2007, 91% avg.; 77% harvested, 54% previous week, 85% 2007, 77% avg. Spring wheat 98% mature, 87% previous week, 98% 2007, 96% avg.; 71% harvested, 54% previous week, 81% 2007, 85% avg. Winter wheat 18% planted, 8% 2007, 17% avg.; 0% emerged, 2% 2007, 2% avg. Dry beans 95% setting pods, 76% previous week, 96% 2007, 98% avg.; 53% turning color, 27% previous week, 55% 2007, 63% avg.; 3% windrowed, 2% previous week, 19% 2007, 17% avg.; condition 1% fair, 98% good, 1% excellent. Corn 88% silked, 79% previous week, 97% 2007, 97% avg.; 55% milk, 37% previous week, 76% 2007, 83% avg.; 15% dough, 4% previous week, 49% 2007, 55% avg.; 2% dented, 13% 2007, 17% avg.; condition 1% poor, 29% fair, 70% good, harvested for silage 8% harvested, 0% previous week, 6% 2007, 7% avg. Alfalfa hay 81% second cutting, 67% previous week, 92% 2007, 86% avg.; 8% third cutting, 3% previous week, 15% 2007, 9% avg. Other hay 88% total cut, 80% previous week, 94% 2007, 94% avg. Sugar beets condition 16% fair, 82% good, 2% excellent. Range and pasture condition 1% very poor, 13% poor, 45% fair, 35% good, 6% excellent. Stock water supplies 3% very short, 20% short, 74% adequate, 3% surplus. Producers continued to hay. Cool nights and frost in some areas slowed the progress of the crop. Isolated area reported a grasshopper infestation which is expected to have a negative effect on pastures that were reserved for fall and winter grazing. Crop progress remained behind normal and crop conditions unchanged from last week. Activities hay harvest, moving hay to stock yards, shearing range sheep, branding and moving livestock.