**Weekly Weather and Crop Bulletin State Stories**

**ALABAMA:** Days suitable for fieldwork were 5.9. Topsoil moisture 19% very short, 39% short, 41% adequate, and 1% surplus. Soybeans harvested 65%, 83% 2010, and 72% five-year average. Soybean condition 5% very poor, 13% poor, 30% fair, 48% good, and 4% excellent. Winter Wheat Planted 43%, 43% 2010, and 17% five-year average. Winter Wheat Emerged 26%, 26% 2010, and 6% five-year average. Winter Wheat condition 0% very poor, 3% poor, 18% fair, 75% good, and 0% excellent. Livestock condition 2% very poor, 7% poor, 36% fair, 52% good, and 3% excellent. Pasture and range condition 12% very poor, 26% poor, 34% fair, 27% good, and 1% excellent. The week's average mean temperatures ranged from 50.4 F in Rock Mills, to 58.1 F in Mobile; total precipitation ranged from 0.05 inches in Mobile, to 0.52 inches in Montgomery. Cattle producers are selling off stock as pastures lack grazing, water supply is scarce, and hay stocks are limited due to the drought. Warm season pastures have gone dormant due to frost, and the lack of rain has helped the harvest of row crops, but not pastures.

**ARKANSAS:** Data NOT AVAILABLE

**ARIZONA:** Temperatures were mostly below normal for the week ending November 6th, ranging from 8 degrees below normal at Parker to 7 degrees above normal at Douglas. The highest temperature of the week was 93 degrees at Paloma. The lowest reading was 14 degrees at Grand Canyon. Precipitation was recorded in all of the 22 weather stations this week. The least precipitation was recorded in Safford with 0.05 inches and the most precipitation was recorded in Flagstaff with 1.14 inches. Roll is the only weather station that has above normal precipitation for the year. Only 7 of the weather stations have received precipitation to date above 80 percent of normal. Some rooing is occurring in the cotton crop along the Colorado River. Alfalfa condition is mostly fair to good. Harvesting is active just under half of the acreage across the State. This week Arizona growers shipped arugula, cantaloupes, honeydews, spinach and lemons. Rangeland conditions vary from very poor to good, depending on location. Precipitation helped maintain some soil moisture in parts of the State. Winter storms provided much needed moisture, but cooler temperatures prevented any new growth.

**CALIFORNIA:** Nearly two-thirds of the cotton crop had been harvested by Sunday. Producers continued to make progress with the harvest as some had advanced to their second picking. Rice continued to be harvested. Producers remained busy baling rice straw. Cutting of corn for grain and sorghum for silage continued. Alfalfa producers continued with their final crop of the year; while some producers continued cutting Sudan grass. Large lima bean harvest was winding down. Fall ground preparation continued. Over two-thirds of winter wheat crop had been planted and nearly half had emerged. Winter wheat crop conditions were rated mostly good to excellent. The sweet potatoes harvest was winding down in Merced County. The table grape harvest continued in the San Joaquin Valley due to the late maturity, although it was finally beginning to wind down. Raisin grape harvest in the San Joaquin Valley was nearly complete. Wine Grape harvest was coming to a close. Asian pears continued to be harvested. Fuyu and Hachiya persimmon harvest continued. Pineapple quinces, figs, kiwifruit, and apples were harvested. Pomegranate harvest continued. The olive harvest was nearly complete in the Southern San Joaquin Valley. Lemons and Star Ruby grapefruit were picked. Satsuma mandarin harvest continued. Tangerine harvest began to pick up. Naval orange harvest began with good maturity reported. Harvesting of walnuts and almonds continued. Walnuts in the Southern San Joaquin Valley were being shaken for a second time. Pistachio harvest was beginning to slow. Post harvest clean up and pruning was starting. Kern County reported carrots, fall potatoes, and organic vegetables were being harvested. In Tulare County, commercial tomatoes and peppers continued to be harvested, while spinach and other winter vegetables were being planted. Fresno County reported broccoli, lettuce, winter onions and garlic were being planted. In Merced County tomatoes and radicchio harvest continued. In San Joaquin County fresh market tomatoes and bell peppers were being harvested. Dehydrator onions continued to be harvested in Siskiyou County. Range conditions were reported from good to poor condition. Cattle and sheep continue to be moved to valley floor pasture. Supplemental feeding of livestock increased. Bees were moved to winter locations.

**COLORADO:** Days suitable for field work 5.3 days. Topsoil moisture 19% very short, 30% short, 46% adequate, 5% surplus. Subsoil moisture 23% very short, 28% short, 48% adequate, 1% surplus. Alfalfa 93% 4th cutting, 97% 2010, 80% avg. Sugarbeets 87% harvested, 95% 2010, 85% avg. Livestock condition 3% poor, 22% fair, 66% good, 9% excellent. Most of Colorado experienced above average precipitation with more snow, especially along the I-70 corridor. Cooler temperatures accompanied the moisture restricting harvest operations for a second week.

**DELAWARE:** Days suitable for fieldwork 6.0. Topsoil moisture 0% very short, 1% short, 85% adequate, 14% surplus. Subsoil moisture 0% very short, 6% short, 75% adequate, 19% surplus. Hay supplies 2% very short, 8% short, 86% adequate, 4% surplus. Other hay third cutting 98%, 100% 2010, 96% avg. Other hay fourth cutting 65%, 85% 2010, 65% avg. Alfalfa hay fourth cutting 79%, 95% 2010, 93% avg. Alfalfa hay fifth cutting 3%, 38% 2010, 43% avg. Pasture condition 6% very poor, 11% poor, 24% fair, 59% good, 0% excellent. Soybean condition 2% very poor, 5% poor, 38% fair, 39% good, 16% excellent. Winter wheat condition 0% very poor, 0% poor, 0% fair, 80% good, 20% excellent. Corn harvested for grain 99%, 100% 2010, 95% avg. Soybeans dropping leaves 100%, 100% 2010, 97% avg. Soybeans harvested 30%, 88% 2010, 58% avg. Barley planted 96%, 100% 2010, 95% avg. Winter wheat planted 70%, 93% 2010, 72% avg. Winter wheat emerged 50%, 75% 2010, 58% avg. Apples harvested 100%, 100% 2010, 97% avg. Soybean harvest continues as corn harvest nears completion. Barley planting is almost complete and wheat seeding continues. Harvest continues with the weather cooperating, yet soils are still moist in some areas, and still a challenge to cover with large machinery.

**FLORIDA:** Topsoil moisture 7% very short, 11% short, 66% adequate, 16% surplus. Subsoil moisture 4% very short, 18% short, 62% adequate, 16% surplus. Statewide, soil moisture adequate; more rainfall needed in Panhandle. Peanut harvest nearly completed in Jackson County. Cotton harvest more than 50% complete in most Panhandle areas. Recent rain delayed sugarcane harvesting around Lake Okeechobee. Clear weather allowed vegetable producers to advance field work, harvesting. Homestead, avocados shipped. Central Peninsula sweet corn harvest begin within two weeks. Miami-
Dade County continued to cut okra. Tomato harvest slowing seasonally around Quincy. Marketed very light supplies of snap beans, cucumbers, eggplant, bell peppers, squash. Overall, normal moisture conditions in citrus-producing region. Thirty-six packinghouses, seven processors. Varieties packed included early oranges (Navel, Ambersweet, Hamlin), white and colored grapefruit, Fallglo tangerines. Cultural practices included herbicides and operations for application removal, new tree planting, irrigation. Pasture Condition 3% very poor, 7% poor, 30% fair, 55% good, 5% excellent. Cattle Condition 2% poor, 28% fair, 65% good, 5% excellent. Statewide, pasture condition mostly very poor to excellent condition, 55% good. Drought, cold temperatures, flooding, insect damage limited forage growth. Cattle condition poor to excellent, 65% good. Panhandle pasture condition very poor to excellent, most poor to fair. Cool, nighttime temperatures, light frost stopped summer grasses growth. Good stand of winter forage where field preparation, planting, and precipitation coincided. Cattle condition fair to good. Cattle fed hay, supplements. North pasture condition very poor to good. Light frost, drought limited forage quality, growth. Central pasture condition poor to excellent, most good. Forage condition above average for this time of year. Southwest pasture condition very poor to excellent, most good. Some flooding of low lying pasture in Okeechobee, Lee, Hendry, Glades counties. Cattle condition fair to excellent, most good.

GEORGIA: Days suitable for fieldwork 6.1. Topsoil moisture 12% very short, 36% short, 50% adequate, 2% surplus. Subsoil moisture 17% very short, 37% short, 44% adequate, 2% surplus. Hay Third Cutting 88%, N/A 2010, N/A avg. Oats Planted 60%, 64% 2010, 58% avg. Onions Transplanted 5%, 4% 2010, 5% avg. Peanuts Dug 92%, 92% 2010, 91% avg. Pecans 4% very poor, 14% poor, 44% fair, 29% good, 9% excellent. Pecans Harvested 31%, 22% 2010, 23% avg. Rye 0% very poor, 4% poor, 40% fair, 1% excellent. Rye Planted 66%, 59% 2010, 63% avg. Sorghum 8% very poor, 21% poor, 47% fair, 19% good, 5% excellent. Sorghum Harvested 47%, 62% in 2010, 63% avg. Soybeans 12% very poor, 22% poor, 40% fair, 21% good, 5% excellent. Soybeans Harvested 41%, 35% 2010, 33% avg. Winter Wheat Planted 29%, 23% 2010, 24% avg. Precipitation estimates for the State ranged from no rain up to 1.75 inches. The week’s average temperatures ranged from the lower 40s to the lower 60s.

HAWAII: Days suitable for fieldwork 7.0 days. Soil moisture was at short to adequate levels. Much needed rains feel in most localities across the State as measurable rainfall was reported from all available weather stations. Heavier amounts feel on the windward slopes and coast. The National Drought Monitor had minimal changes to the drought ratings as of November 1, 2011. This rating was measured before rain showers were underway. The windward coast of Maui Island continued to be the only location not rated in some stage of drought. Coffee and macadamia harvest continued in most locations with no weather conditions slowing or impeding harvest activities. Hauling water to livestock ponds and tanks continued especially on the Big Island of Hawaii.

IDAHO: Days suitable for fieldwork 5.8 days. Topsoil moisture 0% very short, 11% short, 85% adequate, 4% surplus. Field corn harvested for grain 27%, 34% 2010, 58% avg. Alfalfa hay 4th cutting harvested 98%, 98% 2010, 100% avg.

ILLINOIS: Days suitable for fieldwork 4.7. Topsoil moisture 5% very short, 28% short, 65% adequate, 2% surplus. Pasture conditions 8% very poor, 26% poor, 44% fair, 21% good, and 1% excellent. Many producers are also busy with fall tillage activities, along with fertilizer and lime applications and seeding winter wheat. Harvesting operations for soybeans, corn and soybeans, farmers have shifted their attention to other remaining crops with cotton harvest advancing 24 points, sorghum harvest advancing 19 points, and sunflower harvest advancing 15 points. Livestock have been turned out on crop residues where available, and stock water supplies continue to be a concern.

IOA: Days suitable for fieldwork 5.7. Topsoil moisture levels improved to 29% very short, 38% short, 32% adequate, and 1% surplus. Subsoil moisture supply rated 32% very short, 40% short, 27% adequate, and 1% surplus. Fall tillage and fertilizer applications continue as harvest is nearly complete. Some farmers are delaying anhydrous applications due to concerns of the dry conditions preventing sealing and settling. More nitrogen from stalks have been baled this fall due to concerns about hay supplies.

KANSAS: Days suitable for fieldwork 5.7. Topsoil moisture 32% very short, 35% short, 32% adequate, 1% surplus. Subsoil moisture 42% very short, 33% short, 25% adequate. Cotton bolls opened 98%, 100% 2010, 95% avg.; condition 19% very poor, 16% poor, 40% fair, 22% good, 3% excellent. Range and pasture condition 39% very poor, 25% poor, 23% fair, 12% good, 1% excellent. Feed grain supplies 11% very short, 20% short, 69% adequate, 4% surplus. Hay and haylage supplies 26% very short, 29% short, 40% adequate, 3% surplus. Stock water supplies 31% very short, 21% short, 47% adequate, 1% surplus. Kansas farmers moved closer to completing full harvest last week, slowed only by light rain and even snow in some areas of the northwest corner of the State. Most locations received precipitation last week, however only 10 stations received one-half inch or more, led by Ottawa with 1.11 inches. The heaviest precipitation was limited to the extreme eastern areas of the State. Temperatures ranged from 5 degrees above normal to 4 degrees below normal with highs in the 70’s at all locations except Hays which saw a high of 80 degrees. Lows ranged from 16 degrees at Colby and Tribune to 33 degrees at Pittsburg. Producers were busy harvesting the fall crops that remain, along with applying fall chemicals and fertilizers. With harvest wrapping up on corn and soybeans, producers are looking to winter wheat, small grains, and remaining crops with cotton harvest advancing 24 points, sorghum harvest advancing 19 points, and sunflower harvest advancing 15 points. Livestock have been turned out on crop residues where available, and stock water supplies continue to be a concern.

MARYLAND: Days suitable for fieldwork 5.8. Topsoil moisture 0% very short, 0% short, 76% adequate, 24% surplus. Subsoil moisture 0% very short, 0% short, 80% adequate, 20% surplus. Hay supplies 8% very short, 20% short, 70% adequate, 2% surplus. Other hay third cutting 96%, 100% 2010, 89% avg. Other hay fourth cutting 60%, 65% 2010, 64% avg. Alfalfa Hay fourth cutting 97%, 91% 2010, 96% avg. Alfalfa Hay fifth cutting 18%, 50% 2010, 54% avg. Pasture condition 2% very poor, 7% poor, 22% fair, 56% good, 13% excellent. Soybean condition 2% very poor, 10% poor, 25% fair, 53% good, 10% excellent. Winter wheat condition 1% very poor, 1% poor, 5% fair, 77% good, 16% excellent. Cattle condition for grain 91%, 97% 2010, 91% avg. Soybeans dropping leaves 93%, 100% 2010, 97% avg. Soybeans harvested 50%, 85% 2010, 63% avg. Barley planted 90%, 98% 2010, 96% avg. Winter wheat planted 85%, 91% 2010, 81% avg. Winter wheat emerged 45%, 76% 2010, 50% avg. Apples harvested 98%, 100% 2010, 99% avg. Soybean harvest continues as corn harvest nears completion. Barley planting is almost complete and wheat seeding continues. Harvest continues with the weather cooperating, yet soils are still moist in some areas, and still a challenge to cover with large machinery.

MICHIGAN: Days suitable for fieldwork 5. Topsoil moisture 0% very short, 3% short, 76% adequate, 21% surplus. Subsoil 0% very short, 6% short, 83% adequate, 11% surplus. Corn 4% very poor, 7% poor, 21% fair,
MINNESOTA: Days suitable for fieldwork 6.7. Topsoil moisture 28% Very Short, 43% Short, 29% Adequate. Subsoil moisture 14% Very Short, 49% Short, 37% Adequate. Pasture condition 19% Very Poor, 21% Poor, 33% Fair, 24% Good and 1% Excellent. Sweet potatoes 98% harvested, 98% 2010, 84% average. Cattle 1% very poor, 15% poor, 43% fair, 34% good, 7% excellent. Pasture 24% very poor, 28% poor, 28% fair, 19% good, 1% excellent. The weather stayed dry enough for most this past week as many farmers were able to make reasonable progress in the fields. Harvesting has neared completion for soybeans, cotton, and sweet potatoes and wheat. Nearly half of the expected wheat has emerged and reports have the condition as mostly good to excellent.

MISSOURI: Days suitable for fieldwork 5.0. Precipitation 0.98 in. Temperatures were 1 degree below normal in the southeast with the rest of the State at 2 to 4 degrees above average. Topsoil moisture 19% very short, 43% short, 37% adequate, 1% surplus. Off-farm storage availability 12% short, 84% adequate, 4% surplus. On-farm storage availability 16% short, 76% adequate, 8% surplus. Pasture condition 33% very poor, 30% poor, 26% fair, 11% good. Stock water supplies 14% very short, 33% short, 43% adequate, 1% surplus. Precipitation hampered fieldwork, but harvest for all crops was nearing completion. More rain was needed for stock water supplies to recover from drought conditions. Winter hay supplies were a concern for some producers.

MONTANA: Days suitable for field work 6.0, 5.9 last week. Topsoil moisture 10% very short, 3% last year; 42% short, 23% last year; 46% adequate, 68% last year; 2% surplus, 6% last year. Subsoil moisture 13% very short, 4% last year; 29% short, 20% last year; 52% adequate, 75% last year; 6% surplus, 1% last year. Corn condition 0% very poor, 0% last year; 3% poor, 2% last year; 37% fair, 17% last year; 46% good, 64% last year; 14% excellent, 17% last year. Corn harvested for grain 42%, 43% last year. Sugar beets harvested 100%, 97% last year. Range and pasture feed condition 6% very poor, 3% last year; 14% poor, 12% last year; 38% fair, 41% last year; 30% good, 40% last year; 12% excellent, 4% last year. Cattle and calves moved from summer ranges to winter pastures. Alfalfa with most being in good to fair condition. Range livestock were doing well. Livestock producers worked to gather livestock for market and to move herds to winter pastures. Main farm and ranch activities included weed control, field preparation, irrigation, equipment maintenance, and livestock movement.

NEW ENGLAND: Days suitable for fieldwork were 6.0. Topsoil moisture was 76% adequate and 24% surplus. Subsoil moisture was 80% adequate and 20% surplus. Pasture conditions were 7% very poor, 30% poor, 36% fair, and 27% good. Rhode Island Potatoes were 99% harvested, 99% 2010, 100% average. Field Corn was 95% harvested, 100% 2010, 99% average. Second Crop Hay was 99% harvested, 100% 2010, 100% average. Third Crop Hay was 85% harvested, 99% 2010, 95% average. Apples were 99% harvested, 100% 2010, 100% average. Massachusetts Cranberries were 99% harvested, 100% 2010, 95% average. Monday and Tuesday this week with partly cloudy skies in the 40s to 50s. Wednesday, temperatures were in the low to mid 50s. Thursday was warmer in the mid-50s to low 60s with partly cloudy skies. Friday, the wind picked up and some areas of the north experienced a light snow. Temperatures were in the mid-40s to low 50s. Total rainfall for the week ranged from no measurable precipitation in Massachusetts and Connecticut to a high of 0.36 inches in New Hampshire. Farmers harvested apples, cranberries, fall vegetables, and field crops, cut hay, and fertilized as field conditions permitted.

NEW JERSEY: Days suitable for field work 6.0. Topsoil moisture 90% adequate, 10% surplus. Subsoil moisture 85% adequate, 15% surplus. Pasture and Range condition 10% poor, 35% fair, 50% good, 5% excellent. There were no measurable amounts of rainfall during the week. Rainfall was mostly localized with some precipitation dominated the week’s weather. Night time lows were below freezing or very close to it all week. Total rainfall for the week ranged from no measurable precipitation in Massachusetts and Connecticut to a high of 0.36 inches in New Hampshire. Farmers harvested apples, cranberries, fall vegetables, and field crops, cut hay, and fertilized as field conditions permitted.

NEW MEXICO: Days suitable for fieldwork 6.9. Topsoil moisture 54% very short, 41% short and 5% adequate, Wind damage 25% light; 19% cotton damaged, 18% sorghum damaged, 78% winter wheat damaged and 2% onion damaged. Freeze damage 37% light and 17% moderate; 3% winter wheat damaged and 3% onion damaged. No hail damage to crops this week. Alfalfa 5% very poor, 5% poor, 34% fair, 54% good and 2% excellent; sixth cutting 100% complete; seventh cutting 81% complete; eighth cutting 17% complete. Corn 2% very poor, 5% poor, 85% good and 4% excellent; 7% mid-60s and lows in the 20s across the Garden State. Farmers continued harvesting corn and soybeans. The planting of wheat and cover-crops progressed. Late-season vegetable harvest neared completion for broccoli, cabbage, cauliflower, lettuce, and spinach with crops rated in mostly good condition. Other activities included livestock care, picking remaining fruit crops, and cleaning fields.

NEVADA: Days suitable for fieldwork 7. Cool temperatures and some precipitation dominated the week’s weather. Night time lows have been below freezing. Temperatures averaged three to ten degrees below normal. Las Vegas recorded a high temperature of 79 degrees. Ely had the low of 0 degrees. All stations, with the exception of Eureka, recorded some precipitation. Ely recorded the most with 0.35 inches of precipitation. Pasture and range conditions were declining seasonally, with 30% very poor, 33% poor, 1% fair, 2% good, 5% excellent. Subsoil moisture was 29% very poor, 20% poor, 39% fair, 32% good, 2% excellent. Corn 54% very short, 43% short, 5% adequate, Wind damage 25% light; 19% cotton damaged, 18% sorghum damaged, 78% winter wheat damaged and 2% onion damaged. Freeze damage 37% light and 17% moderate; 3% winter wheat damaged and 3% onion damaged. No hail damage to crops this week. Alfalfa 5% very poor, 5% poor, 34% fair, 54% good and 2% excellent; sixth cutting 100% complete; seventh cutting 81% complete; eighth cutting 17% complete. Corn 2% very poor, 5% poor, 85% good and 4% excellent; 7% mid-60s and lows in the 20s across the Garden State. Farmers continued harvesting corn and soybeans. The planting of wheat and cover-crops progressed. Late-season vegetable harvest neared completion for broccoli, cabbage, cauliflower, lettuce, and spinach with crops rated in mostly good condition. Other activities included livestock care, picking remaining fruit crops, and cleaning fields.
in the mid fifties, which also ranged from 3 to 6 degrees above normal. Central New Mexico average temperatures were in the forties, also staying 1 to 4 degrees above normal. Southeastern New Mexico average temperatures were in the fifties. Which ranged from 2 to below 4 degrees above normal and all areas have above normal state saw some precipitation in the form of rain as well as some snow this week thanks to some cold fronts that moved through the area. Some amounts were Farmington 0.11 inches, Chama 0.27 inches, Capulin 0.07 inches, Quemado 0.11 inches, Carrizo 0.14 inches and Alamogordo 0.70 inches.

### NEW YORK:

- Days suitable for fieldwork 5.2. Soil moisture 67% adequate, 33% surplus. Pasture conditions 8% very poor, 23% poor, 36% fair, 27% good, 6% excellent. Grain com 44% harvested, 63% 2010, 47% average. Corn condition 8% poor, 26% fair, 54% good, 12% excellent. Dry beans 86% harvested, 99% 2010, 90% average. Apples 95% harvested, 99% 2010, 95% average. Grapes 99% harvested, 100% 2010, 98% average. Temperatures average mostly below average by as much as 5 degrees. Precipitation was very sparse. Most areas didn’t receive any.

### NORTH CAROLINA:

- There were 4.7 days suitable for field work, compared to 5.5 days the previous week. Statewide soil moisture levels were rated at 11% short, 73% adequate and 16% surplus. The State received above normal precipitation and below normal temperatures last week. Precipitation and cooler temperatures in many areas limited field work compared to last week. Producers continued to plant small grains, harvest apples, cotton, peanuts, soybeans, sweet potatoes and cut hay. Western North Carolina reported hay condition was 61% very poor, 24% poor, 13% fair, 5% good; 3rd cutting 72% this week, 71% last week, 100% last year, 100% average. Alfalfa condition 44% very poor, 28% poor, 23% fair, 5% good; 3rd cutting 72% this week, 71% last week, 100% last year, 100% average. Oats condition 9% very poor, 23% poor, 46% fair, 22% good. Pasture and range condition 57% very poor, 29% poor, 12% fair, 2% good. Prices for feeder steers less than 800 pounds averaged $128 per cwt. Livestock conditions were rated mostly in the fair to poor range.

### OREGON:

- Days suitable for fieldwork 5.1. Topsoil moisture 10% very short, 20% short, 65% adequate, 5% surplus. Subsoil moisture 18% very short, 23% short, 3% poor, 1% surplus. Range & Pasture 15% very poor, 14% poor, 35% fair, 34% good, 2% excellent. Temperatures were again cooler this week with an above normal temperature across the State of 39.8 degrees, 5.9 degrees below normal. Rain & snow was less for most areas. So in general, it was wet & cold. Low temperatures ranged from 36 degrees in North Bend, down to 4 degrees in Christmas Valley. High temperatures ranged from 49 degrees in Baker City, up to 72 degrees in Roseburg. Thirty-eight of the forty-three stations reported measurable precipitation, with the north central part of the State receiving very little. Half of the stations that reported precipitation received more than an inch. Fire danger remains at an 13% score. Further rain, 1.55 inches followed by Crescent City at 1.54 inches. Seeded grain crops could use more rainfall to get going in Southwest Oregon. Most fall plantings of grass seed, clover, & wheat were emerging. Fall planting & field work was winding down. Malheur County reported sugarbeets & corn still to be harvested, & a few bales of hay were still seen in the fields. Com still to be harvested in Umatilla County as moisture content was still high. Some will need drying. The warm fall brought hay yields up closer to average. Most vegetables were now done for the year. Some nights were below freezing. Squash & a few protected tomato plants were still harvested. Cole crops were doing well even in the cold weather. A very cool, mostly dry week in Douglas County had allowed growers a good opportunity to finish apple harvest & grape harvest. Other counties reported grape harvest was winding down. A few fall apples were still being picked in Lane County. Hazelnut & walnut harvest continued woody & processed material began being harvested. Greenhouses were doing cleanup & maintenance. There were some operations working with holiday ornamentals. Planting of small shrubs & arborvitae continued, as did irrigation of new settings & seedlings. Producers were busy supplementing feed, weaning & marking calves, & shipping animals. Lake County reported cattle being shipped to winter pastures in California & Nevada. Many operators were supplementing feed. There were still some cattle left in the mountains of Umatilla County.

### PENNSYLVANIA:

- Days suitable for fieldwork 5. Soil moisture 0% very short, 0% short, 55% adequate, and 45% surplus. Fall Plowing 61%, 72% Prv. Yr., 77% 5 Yr. Avg. Barley planting is 92% complete, 98% Prv. Yr., 95% 5 Yr. Avg. Barley emerged 60%, 92% Prv. Yr., 92% 5 Yr. Avg. Winter wheat planted 74%, 88% Prv. Yr., 92% 5 Yr. Avg. Winter wheat emerged 61%, 73% Prv. Yr., 75% 5 Yr. Avg. Soybean harvest is 78% complete, 89% Prv. Yr., 70% 5 Yr. Avg. Potato harvest is 96% complete, 99% Prv. Yr., 98% 5 Yr. Avg. Alfalfa four cutting 90%, 97% Prv. Yr., 96% 5 Yr. Avg. Winter wheat condition 0% very poor, 1% poor, 35% fair, 41% good, 23% excellent. Soybean condition 2% very poor, 6% poor, 23% fair, 49% good, 20% excellent. Pasture condition 7% very poor, 15% poor, 37% fair, 30% good, 11% excellent. Primary field activities for the week were harvesting of corn and soybeans, spreading manure, and preparing soil for spring planting.

### SOUTH CAROLINA:

- Days suitable for fieldwork 6. Soil moisture 8% very short, 36% short, 55% adequate, 1% surplus. Soybeans 8% very poor, 21% poor, 42% fair, 29% good, 0% excellent. Pasture condition 7% very poor, 27% poor, 44% fair, 22% good, 0% excellent. Livestock condition 1% very poor, 7% poor, 38% fair, 53% good, 1% excellent. Winter grazing 0% very poor, 1% poor, 54% fair, 45% good, 0% excellent. Corn harvested 100%, 100% 2010, 100% avg. Soybeans leaves turning color 93%, 99% 2010, 99% avg. Soybeans leaves dropped 78%, 77% 2010, 83% avg. Soybeans mature 42%, 84% 2010, 66% avg. Soybeans harvested 27%, 41% 2010, 25% avg. Cotton bolls opened 99%, 100% 2010, 99% avg. Winter wheat planted 32%, 28% 2010, 27% avg. Winter wheat emerged 13%, 18% 2010, 17% avg. Oats planted 48%, 43% 2010, 46% avg. Oats emerged 26%, 24% 2010, 28% avg. Winter grainings planted 72%, 76% 2010, 76% avg. Winter grainings emerged 56%, 55% 2010, 54% avg. Cloudy and wet conditions continued through most of the week. However, eastern New Mexico saw some cloud breaks with average for most areas ranging from 49 degrees in Umatilla County to some cold fronts that moved through the area. Some amounts were Farmington 0.11 inches, Chama 0.27 inches, Capulin 0.07 inches, Quemado 0.11 inches, Carrizo 0.14 inches and Alamogordo 0.70 inches.
SOUTH DAKOTA: Days suitable for fieldwork 6.8. Topsoil moisture 11% very short, 44% short, 44% adequate, 1% surplus. Subsoil moisture 7% very short, 41% short, 50% adequate, 2% surplus. Alfalfa hay 4% poor, 22% fair, 66% good, 8% excellent. Feed supplies 1% very short, 5% short, 80% adequate, 14% surplus. Stock water supplies 1% very short, 10% short, 84% adequate, 5% surplus. Range and pasture 2% very poor, 12% poor, 36% fair, 42% good, 8% excellent. Cattle condition 1% poor, 10% fair, 77% good, 12% excellent. Sheep condition 1% poor, 9% fair, 71% good, 19% excellent. Row crop harvest is nearing completion. Seeding of winter wheat is also finished, but could use some moisture for germination and putting on growth for next spring. Major activities this week included row crop harvest, fall tillage, baling corn stalks, hauling hay, bringing cattle home from pastures, and moving cattle to corn stubble.

TENNESSEE: Days suitable for fieldwork 5. Topsoil moisture 1% very short, 11% short, 88% adequate and 1% surplus. Burley 39% striped, 40% 2010 and 42% average. Winter Wheat 74% seeded, 79% 2010 and 64% average; 46% emerged, 35% 2010, and 34% average. Pasture 2% very poor, 12% poor, 42% fair, 41% good and 3% excellent. Cattle 3% poor, 25% fair, 62% good and 10% excellent. Mild weather early in the week allowed producers to make good progress seeding wheat and harvesting soybeans and cotton. Late week rains slowed harvest and wheat and cotton producers have delayed the start of the planting season due to the cool weather associated with the recent rainfall. In areas of the Northern Coast, the ratoon rice harvest continued. Cotton harvest was active due to a recent freeze in areas of the Northern High Plains. Grain sorghum harvest made good progress in areas of the Northern Plains. In areas of the Northern Low Plains, cotton harvest was delayed due to high winds brought by a cold front. Peanut harvest was in full-swing in areas of the Southern Low Plains, the Cross Timbers and South Texas. Harvest of cotton in areas of the Trans-Pecos, Premature pecans continued to open and split shuck during the season. Watermelon harvest was active in areas of South Texas, while sugarcane and citrus harvest continued in areas of the Lower Valley. Across the State, supplemental feeding of livestock was due to an earlier snowfall. Preparations were made this week to harvest ginseng, due to the recent snowfall. Producers prepared to release grazing cattle on early planted winter wheat fields in areas of the Lower Plains. Some winter wheat was damaged in areas of the Cross Timbers due to a recent freeze. In areas of the Blacklands, producers continued to seed winter wheat and oat fields while applying fertilizer. Wheat and oat seeding was slowed due to lack of moisture in areas of South Texas; however, early seeding of wheat and cotton continues to be good progress. Subsoil moisture 2% very short, 23% short, 74% adequate and 1% surplus. Winter Wheat Seeded 57%; 74% 2010; 61% 5-yr avg. Winter Wheat Emerged 24%; 51% 2010; 35% 5-yr avg. Barley Seeded 92%; 99% 2010; 95% 5-yr avg. Oats seeded 86%; 90% 2010. Peanuts dug 94%; 95% 2010; 98% 5-yr average. Cotton 11% poor, 60% fair, 27% good, 2% excellent. Apples harvested, Winter 84%; 83% 2010; 92% 5-yr avg. Showers slowed fieldwork throughout Virginia. Peanut and cotton harvest continued although rainy weather interrupted the harvest. Soybean harvest is in full swing. Tobacco farmers continued to prepare their crop for market. Growing conditions continue to plant small grains and cover crops. Harvest of greengrocers, sweet potatoes, and other fall vegetables continued.

WASHINGTON: Days suitable for fieldwork were 5.6. Topsoil moisture conditions were 7% percent very short, 20 percent short, 58 percent adequate, and 15 percent surplus. The large majority of winter wheat emerged in southwest Washington, and several freezes last week caused the wheat to go into dormancy. Recently plowed ground in Stevens County appeared very dry, indicating a lack of moisture going into winter. In Grant County, high moisture corn harvest was in full swing. Dry corn harvest was expected to begin in the next week or two. Harvest of corn for silage was coming to a close. In Chelan and Yakima Counties, late apple variety harvest continued at a much higher rate than usual for this time of year. Rainfall in the State continued, but the situation was easing. The main cultivars that remained were Fuji, Pink Lady and Braeburn. Cold night temperatures did not damage the crop. Raspberry growers in Whatcom County continued to prune vines. Cranberry growers in Pacific County were nearly finished with harvest operations, with overall production levels higher than last year. Range and pasture conditions were 14 percent very poor, 5 percent poor, 36 percent fair, 42 percent good, 9 percent excellent. With strong export market conditions, oyster growers continued harvest activities for the fall harvest season, along with Manila clam harvest in Pacific County. In Pend Oreille County, cattle were still grazing on pasture much as possible. Calves in Klickitat County were being shipped off to feedlots or sold.

WEST VIRGINIA: Days suitable for fieldwork was 6. Topsoil moisture was 1% very short, 3% short, 86% adequate, and 10% surplus compared to 15% very short, 33% short, 51% adequate, and 1% surplus last year. Corn conditions were 8% very poor, 10% poor, 32% fair, 49% good, and 1% excellent. Corn was 96% mature, comparison data not available. Corn harvested for grain was 56%, 87% in 2010, and 70% 5-year avg. Soybeans harvested were 69%, 86% in 2010, and 69% 5-year avg. Winter wheat conditions were 29% fair and 71% good. Winter wheat planted was 84%, 94% in 2010, and 91% 5-year avg. Winter wheat was 62% emerged, 84% in 2010, and 62% 5-year avg. Apples harvested were 96%, 96% in 2010, and 90% 5-year avg. Alfalfa Hay was 96%, 23% fair, 71% good, and 5% excellent. Sheep and lambs were 1% poor, 14% fair, 84% good, and 1% excellent. The much needed week with no precipitation proved beneficial to many farmers allowing them to finish field harvests and plant new crops. Frost was also seen throughout much of the State with lows dipping near freezing or below. Farming activities included finishing fall harvest, selling hay to livestock, treating livestock for illnesses, marketing calves, pruning orchards, rotating pastures, brush hogging, harvesting apples and field crops, and planting cover crops.
rain and wet field conditions. Meanwhile, soil moisture remained short in the western part of the State; to date, the Eau Claire weather station has received 3.56 inches less rain than average for the fall season. Windy conditions continued to help corn dry down and harvest progressed rapidly, causing lines at some local elevators. The soybean harvest wrapped up with good yields and low moistures reported. Across the reporting stations, average temperatures this week were normal to 2 degrees above normal. Average high temperatures ranged from 50 to 54 degrees, while average low temperatures ranged from 32 to 36 degrees. Precipitation totals ranged from 0.37 inches in Green Bay to 0.86 inches in Madison.

**WYOMING:** Days suitable for field work 4.5. Topsoil moisture 4% very short, 25% short, 66% adequate, 5% surplus. Corn 57% harvested. Sugarbeets harvested 96%. Alfalfa harvested, 3rd cutting 88%. Wheat condition 2% fair, 98% good. Winter wheat wind damage 64% none, 36% light. Winter wheat freeze damage 98% none, 2% light. Cattle condition 1% poor, 10% fair, 83% good, 6% excellent. Calves condition 7% fair, 87% good, 6% excellent. Sheep condition 1% poor, 8% fair, 81% good, 10% excellent. Lambs condition 1% poor, 8% fair, 81% good, 10% excellent. Range and pasture condition 3% very poor, 12% poor, 29% fair, 52% good, 4% excellent. Hay and roughage supplies 10% short, 86% adequate, 4% surplus. Snow with cold and high winds. Corn and sugarbeet harvest continues. Platte County reported that sugarbeet and corn harvest came to a halt when they received 6 inches of snow on Wednesday. Calves are being placed in feedlots and cows off grass and to the hay fields. Water supplies are good. Converse County reported that winter conditions are settling in with cold temperatures. Uinta County reported that recent snows have helped the valley floor conditions; livestock are fairing well. Snow pack in the mountains is increasing and the county is in good condition going into winter. Lincoln County reported snow with cold and windy conditions. High temperatures ranged from the mid 40s to the low 70s. Low temperatures ranged from -13 to the low 20s.