Weekly Weather and Crop Bulletin
State Stories

ALABAMA: Days suitable for fieldwork 6.9. Topsoil 71% very short, 23% short, 6% adequate. Soybeans 65% harvested, 72% 1999, 66% 5 yr avg. Pasture feed 34% very poor, 36% poor, 27% fair, 3% good. The drought continued.

ALASKA: DATA NOT AVAILABLE UNTIL 2001:

ARIZONA: Area recorded below average temperatures with moderate precipitation throughout the state during the week of November 5. Heavy rains in some areas have reduced the quality of cotton, slowed alfalfa harvests. Range, pasture feeds continue to improve with the precipitation.

ARKANSAS: Days suitable for fieldwork 5.0. Soil moisture 14% very short, 35% short, 43% adequate, 8% surplus. Rice 100% harvest, same as 1999, 5 yr avg.; Sorghum 100% harvest, same as 1999, 5 yr avg. Cotton 97% harvest, 97% 1999, 89% 5 yr avg. Soybean 99% shedding, 96% 1999, 97% 5 yr avg.; 96% mature, 85% harvest, 83% 1999, 76% 5 yr avg. Wheat 74% planted, 72% 1999, 67% 5 yr avg.; 42% emerged, same as 1999, 43% 5 yr avg.; 5% poor, 45% fair, 40% good, 10% excellent. Alfalfa Hay 4% very poor, 28% poor, 57% fair, 11% good; Other Hay conditions 16% very poor, 38% poor, 37% fair, 9% good. Pasture, Range feeds 14% very poor, 35% poor, 35% fair, 15% good, 1% excellent. FIELD CROP: Soybean harvest, wheat planting continued. Cotton harvest was near completion, however, rain towards the end of the week put harvest at a standstill. Sorghum, rice harvest was completed. Additional farm activities included land leveling, deep tillage. LIVESTOCK, PASTURE, RANGE: Livestock were in fair condition. Calves were being weaned, vaccinated. Cattle were still being treated for flies, external parasites. Supplemental feeding of hay continued in many counties, however, recent rains have brought on new growth of fall grasses in many pastures. Farmers were over seeding fall forage on pastures. Farmers were also bush hogging pastures, moving cattle to better pastures. 1/Many reports are received on Friday, may not reflect conditional changes due to weekend weather.

CALIFORNIA: Rainfall early in the week brought the cotton harvest to a halt in many fields. A few farmers resumed work in areas with lighter soils. Cotton defoliation was already winding down, but came to a complete stop due to the rains. Cotton quality ratings may be reduced due to staining, moisture. Brush shredding, cotton plowdown activities were in full swing in areas that received only light rainfall amounts. The sugarbeet harvest continued; a few fields were still being sprayed for armyworms. Many alfalfa hay fields experienced good growth, were being prepared for cutting, baling. Some cut alfalfa was on the ground drying from last week’s rain. Black-eyed bean harvest was nearly complete, but a few fields needed to dry before harvest can resume. Silage corn harvest continued in some fields. Grain corn harvest was briefly interrupted by the rain. Harvest had resumed late in the week as ground dried, conditions permitted. Ground preparation for winter forage crops was slow. The rain has benefited emerging small grains in various areas. Rice harvesting was completed in many areas. Cultural activities in orchards, vineyards were slowed by rain. Picking of grapes for fresh consumption continued after the rain ended in the San Joaquin Valley.

Thompson Seedless, Red Globe, Crimson Seedless, Ruby Seedless were the primary varieties picked. Wine grape harvest was nearing the end. Picking of grapes for raisins was completed. Pomegranate, fig, kiwifruit, olive harvests continued. Fuji, Granny Smith apple picking continued. Picking of grapefruit was active in the San Joaquin Valley. Harvest of new crop navel oranges continued, but was slowed by the rains. Valencia orange harvesting was slow in southern state, in the San Joaquin Valley. Lemon picking was active in southern state. Blueberry picking was nearly completed in Monterey County. Rains negatively affected berry quality. Harvested fields were being prepared for planting of next year’s crop. Almond harvest nearing completion. Pruning in almond orchards began in some areas of the San Joaquin Valley. Late variety walnut, pistachio harvests continued after being delayed by rain. The fields finally dried enough for pepper harvesting to continue. The lettuce harvest slowed, but quality, yields were still good. On the other hand, recent rains were expected to favor growth, development of broccoli, cauliflower, cabbage, other winter vegetables. Harvesting of broccoli, cabbage continued, garlic fields were being planted for the 2001 crop. Onion growers were preparing beds for planting. A few acres of early planted cabbage were sowing well, harvest was expected to begin soon in Tulare County. Fungicides were applied to some tomato fields in the Stockton Delta area. Sweet corn continued to be harvested. Radicchio harvest was underway in Merced County. Additional vegetables harvested this week included: Asparagus; carrots; radishes; cilantro; cucumbers; yellow, green, long beans; freezer beans; eggplant; mustard greens; green onions; okra; parsley; kabocha, scalloped, yellow crookneck squash; spinach; fresh tomatoes. Earlier rains were very beneficial to foothill pastures in central, northern state. Supplemental feeding of cattle continued, as new grass growth was still too short for cattle grazing. Fall calving, lambing continued. Sheep were being grazed on alfalfa pastures in central, southern state. Cattle, sheep were being grazed on sudan grass pasture in the southern desert. Cooler fall weather boosted milk production.

COLORADO: Days suitable for fieldwork 4.5. Topsoil 8% very short, 28% short, 60% adequate, 4% surplus. Subsoil moisture 20% very short, 48% short, 29% adequate, 3% surplus. Warm days, cool nights early in the week gave way to snowstorms in the mountains, moderate to heavy rain in eastern areas, wintry-like conditions across the state over the weekend. Sugar beets 79% harvested, 76% 1999, 86% avg. Winter wheat 97% emerged, 97% 1999, 96% avg. Alfalfa 90% 4th cutting, 97% 1999, 81% avg.

DELAWARE: Days suitable for fieldwork 7.0. Topsoil 3% very short, 69% short, 28% adequate. Subsoil moisture 41% short, 56% adequate, 3% surplus. Corn 80% harvested for grain, 95% 1999, 90% avg. Soybeans 97% shedding leaves, 96% 1999, 96% avg.;67% harvested, 40% 1999, 46% avg. Sorghum 45% harvested, 76% 1999, 69% avg. Barley 48% fair, 47% good, 5% excellent, 79% planted, 89% 1999, 91% avg. Winter Wheat 48% fair, 48% good, 4% excellent, 57% planted, 56% 1999, 63% avg. Rye 37% fair, 60% good, 3% excellent, 65% planted, 62% 1999, 70% avg. Pasture feed 5% poor, 14% fair, 81% good. Hay supplies 38% short, 62% adequate. Percent of cutting hay crop harvest; clover, other hays 95% 4th cutting cut, 96% 1999, 79% avg. Alfalfa 55% 5th cutting cut, 37% 1999, 43% avg. Activities: Ideal harvesting weather across the state, but lack of grain storage continues to be a problem that
Florida:  Dry weather prevailed.  Most localities recorded no measurable rain except about 0.75 in. at West Palm Beach.  Avalon, Umatilla, Pensacola, Tallahassee reported trace amounts of 0.03 in. or less.  Drought worsening, fire danger increasing central, northern Peninsula localities, Panhandle counties.  Temperatures at major stations averaged from 9° above normal at Pensacola to 4° below at West Palm Beach.  Most daytime highs 80s; most lows 50s, 60s.  Jacksonville reported at least one low at 48°.  Moisture in State very short to short with scattered areas of adequate moisture.  Dry soil delaying peanut harvest.  Cotton, sugarcane harvest active.  Soybean harvest winding down.  Hay harvest continuing.  Dry weather delaying planting of winter forages.  Ninety five percent of peanuts for nuts reported harvested.  Dry conditions increasing need for irrigating vegetables.  Dade County producers started planting potatoes for winter harvest.  Vegetables available: snap beans, cucumbers, pickles, eggplant, okra, peppers, squash, tomatoes, watermelons.  All citrus areas dry, rain needed, all areas irrigating.  Lakes, ponds, streams at lower than desired levels.  Very little new growth, good fruit coloring.  Packers shipping all types of early fruit, a few processors taking grove run fruit.  Caretakers cutting cover crops, spraying, hedging, topping, burning grove debris.  Pasture feed 15% very poor, 20% poor, 45% fair, 20% good.  Cattle 5% poor, 50% fair, 45% good.  Statewide, pasture feed mostly fair.  Pasture throughout State suffers from drought.  Reports from field, without exception, reported need for rain.  Too dry to plant winter forages.  Statewide, cattle, calves condition mostly fair to good.

Georgia:  Days suitable for field work 6.7.  Soil moisture 46% very short, 42% short, 12% adequate.  Cotton 98% bolls open, 98% 1999, 97% avg.  Peanuts 98% dug, 99% 1999, 99% avg.  Rye 62% planted, 71% 1999, 75% avg.  Sorghum 81% harvested for grain, 82% 1999, 82% avg.  Soybeans 11% very poor, 25% poor, 38% fair, 24% good, 2% excellent; 95% dropping leaves, 96% 1999, 98% avg.  Other small grains 47% planted, 56% 1999, 58% avg.  Onions 0% transplanted, 2% 1999, 5% avg.  Apples 98% harvested, 99% 1999, 98% avg.  Pecans 10% very poor, 17% poor, 39% fair, 32% good, 2% excellent; 27% harvested, 27% 1999, 31% avg.  Dry conditions continue for another week across the State.  Soil moisture levels were short to very short.  Some areas received light showers but rain is needed.  The State also had record high temperatures.  Farmers have halted planting of small grains due to dry conditions.  Pasture overseeding has stopped.  Early planting of rye, oats have died due to lack of moisture.  Farmers were busy harvesting cotton, peanuts, soybeans.  Soybean harvest continued, was nearly half complete.  Dry weather continues to be ideal for cotton harvest.  Picking was ahead of the normal pace.  Sorghum harvest is close to 98% complete in the State.  Summer rain has allowed farmers to complete many activities last week.  Filing LDP papers, caring for livestock, installing field drainage tile.

Hawaii:  Fair weather for crop production continued throughout most of the State.  Days were generally sunny with light to moderate showers, becoming heavier at times.  The November 1 and 2 thunderstorms on the Big Island dumped a record rainfall for a 24-hour period, causing extreme property damage and flooded roadways.  No major agricultural damage was observed, but spraying is expected to intensify due to increasing plant disease infection brought on by excessive rains.  Winds were light to moderate, helped reduce crop damage.  Banana harvesting from state island should be lower than last week due to muddy fields, erosion.  Papaya orchards were in mostly poor to good condition with production expected to increase gradually.  Heavy rains will require growers to intensify spraying for Phytophthora diseases.  Head cabbage fields were in mostly fair to good condition.  Harvesting was light to moderate.  Ginger plantings were in fair to good condition.

Idaho:  Days suitable for field work 5.0.  Topsoil 1% very short, 15% short, 66% adequate, 18% surplus.  Most fall field work is complete, winter wheat has emerged with adequate moisture throughout the state.  Apples 95% harvested. 100% 1999, 95% avg.  Corn harvested 43% for grain, 41% 1999, 47% avg.  Sugarbeets 73% harvested. 93% 1999, 90% avg.  Winter wheat 98% planted, 96% 1999, 97% avg.; 82% emerged. 72% 1999, 78% avg.  Activities: Fall field work, planting winter wheat, harvesting sugarbeets, corn for grain, apples.

Illinois:  Days suitable for fieldwork 6.2.  Topsoil 8% very short, 31% short, 57% adequate, 4% surplus.  Ideal fall weather prevailed last week with rainfall limited to just a few tenths, temperatures that avg 7° warmer than normal across the state.  Corn, soybean harvest neared completion.  Lodged corn fields, soft field conditions are delaying harvest of the remaining acres.  Fall tillage operations were in full swing last week with some tillage being done simply to level fields that were rutted during harvest.  Fertilizer, lime applications continued with some anhydrous being applied.  Warm soil temperatures caused concern in areas where anhydrous was being applied but in many areas it was noted that farmers were delaying anhydrous applications due to the warm soil conditions or due to the current economic conditions.  The winter wheat crop is nearly all seeded.  Other activities last week included: Filing LDP papers, caring for livestock, installing field drainage tile.

Indiana:  Days suitable for field work 6.7.  Topsoil 4% very short, 22% short, 69% adequate, 5% surplus.  Subsoil 8% very short, 21% short, 66% adequate, 5% surplus.  Warm, dry week.  Precipitation averaged 0 to 0.33 inches.  Temperatures averaged 6 to 11 above normal.  Farmers had another excellent week for corn, soybean harvest.  Many farmers have completed harvest of corn, soybeans.  Corn harvest is 2 weeks ahead of avg. 1 week behind 1999.  Soybean harvest is 99% complete in the northern, central regions.  Lodging has made corn harvest difficult in some corn fields.  Tillage of soils underway, complete in many fields.  Winter wheat seeding on par with last year, ahead of avg.  Warm weather, sunshine has helped winter wheat growth.  Tobacco stripping, chopping stalks, applying fertilizer, nitrogen continued.  Range, pasture 1% very poor, 8% poor, 31% fair, 52% good, 8% excellent.  Pastures lasting longer than normal.  Major activities: Hauling grain, chisel plowing, seeding winter wheat, spreading fertilizer, lime, equipment cleaning repair, tiling fields, hauling manure, caring for livestock.

Iowa:  Days suitable for field work 4.5.  Topsoil 10% very short,36% short, 52% adequate, 2% surplus.  Subsoil moisture 35% very short, 42% short, 22% adequate, 1% surplus.  Nearly all of the state received some rain last week, which delayed the remaining soybean harvest in the southwest, south central districts.  Harvest is virtually complete across the state, though some scattered fields remain.  Soil temperatures have dropped with the cooler weather, many areas have started applying anhydrous ammonia.  Corn 98% harvested, 97% 1999, 86% avg.  Winter wheat 97% planted, 92% 1999, 94% avg.  Fertilizer 35% application, 34% 1999, 27% avg.  Fall 41% tillage, 46% 1999, 32% avg.  Grain storage availability improved over the past week, continues to rate better than the previous year.  On-farm grain storage availability: 28% short,65% adequate, 6% surplus.  Off-farm grain storage availability 32% short, 65% adequate, 3% surplus.  Grain movement 25% none, 37% light, 31% moderate, 7% heavy.  Use of stubble fields for grazing 38% none, 20% limited, 32% moderate, 10% extensive.  Hay, roughage availability 9% short, 78% adequate, 13% surplus.  Hay, roughage quality 7% poor,42% fair, 51% good.  Range, pasture feed 13% very poor, 17% poor, 37% fair, 27% good, 6% excellent.

Kansas:  Days suitable for fieldwork 2.0.  Topsoil 4% very short, 17% short, 69% adequate, 10% surplus.  Subsoil moisture 20% very short, 36% short, 42% adequate, 2% surplus.  Winter wheat seeding progressed only 6 percentage points due to rain.  Stock on crop residue.  Water levels improve in some stockpools.

Kentucky:  Days suitable for fieldwork 5.8.  Topsoil 28% very short, 46% short, 26% adequate.  Subsoil moisture 31% very short, 41% short, 28% adequate.  For the week, temperatures avg 58°, 7° above normal.  Rainfall statewide was light, sporadic, averaged 0.05 inches, 0.80 inches below normal.  Condition of striped tobacco 1% very poor, 4% poor, 26% fair, 50% good, 19% excellent.  Burley 34% stripped, 30% 1999, 29% avg.  Winter wheat 83% seeded, 89% 1999, 87% avg.  Pasture feed 11% very poor, 17% poor, 30% fair, 38% good, 4% excellent.
LOUISIANA: Days suitable for fieldwork 6.3. Soil moisture 40% very short, 35% short, 24% adequate, 1% surplus. Hay 100% final cutting, 100% 1999, 99% avg. Pecans 30% harvested, 39% 1999, 32% avg. Sugarcane 5% very poor, 15% poor, 37% fair, 36% good, 7% excellent; 42% harvested, 37% 1999, 33% avg. Dry conditions early in the week allowed sugarcane harvest to make good progress. Sweet Potatoes 92% harvested, 94% 1999, 90% avg. Sweet potato harvest continued. Wheat 61% planted, 76% 1999, 56% avg.; 35% emerged, 40% 1999, 30% avg. Livestock 6% very poor, 24% poor, 40% fair, 27% good, 3% excellent. Vegetables 15% very poor, 30% poor, 37% fair, 17% good, 1% excellent. Pasture 37% very poor, 33% poor, 20% fair, 10% good. Cattlemen were working cattle, planting rye grass.

MARYLAND: Days suitable for fieldwork 7.0. Topsoil 14% very short, 38% short, 48% adequate. Subsoil moisture 6% very short, 26% short, 68% adequate. Soybeans 61% harvested, 57% 1999, 59% avg. Sorghum 75% harvested, 80% 1999, 67% avg. Field corn 84% harvested for grain, 90% 1999, 88% avg. Tobacco 22% stripped, 19% 1999, 15% avg. Tobacco feed 3% very poor, 12% poor, 55% good, 5% excellent, 7% poor, 28% fair, 63% good, 2% excellent, 90% planted, 93% 1999, 90% avg. Winter Wheat 1% very poor, 3% poor, 23% fair, 69% good, 4% excellent. 73% planted, 69% 1999, 72% avg. Rye 1% poor, 13% fair, 84% good, 2% excellent, 76% planted, 82% 1999, 80% avg. All hay supplies 1% very short, 1% short, 87% adequate, 11% surplus. Percent of cutting hay crop harvest; 4th cutting 85% cut, 90% 1999, 90% avg. Alfalfa 65% 5th cutting cut, 67% 1999, 60% avg. Comments: Dry weather aided field drying, harvesting corn, soybeans, but is slowing the establishment, growth of small grains. Delays at the elevators continue to slow grain harvest.

MICHIGAN: Days suitable for fieldwork 7.0. Topsoil 2% very short, 16% short, 79% adequate, 3% surplus. Subsoil 2% very short, 19% short, 78% adequate, 1% surplus. Corn 5% very poor, 6% poor, 22% fair, 56% good, 11% excellent. All Hay 92% 4th cutting, 94% 1999, 92% avg. Continued warmer than normal temperatures, very little precipitation helped crops dry, allowed farmers to make good progress with harvest. District precipitation totals for week below 0.10 inch across State with exception of western Upper Lower Peninsula which recorded 0.11 inch. Temperatures 2 to 9° above normal statewide. Temperatures remained pleasant, skies sunny, which allowed harvesting activities to continue without serious interruptions. Corn harvest continued at a steady pace, as crop standing well, drying down. A few reporters said that some fields were still green. Soybeans still being harvested. Crop moisture continued to dry down many areas. Sugarbeet harvest progressed rapidly. Some concerns for above normal temperatures, pile storage. Soil conditions reported as near-perfect for this year’s sugarbeet crop. Winter wheat growth continued to look good.

MINNESOTA: Days suitable for fieldwork 3.8. Topsoil 5% very short, 22% short, 60% adequate, 13% surplus. Subsoil 19% very short, 37% short, 32% adequate, 12% surplus. Soybeans 85% stubble plowed, 86% 1999, 77% avg. Corn 69% stubble worked, 74% 1999, 59% avg. Soaking rainfall improved soil moisture conditions across the State. The majority of the state received over one inch of rain. Due to excessive soil moisture, farmers in the northern third of the state will need to wait for the ground to freeze in order to complete harvest. The Northwest District is again battling surplus topsoil moisture; while the central portion of the state continues to have short topsoil moisture conditions. Subsoil moisture conditions rated very short to short are 12 points higher than at the end of 1999.

MISSISSIPPI: Days suitable for fieldwork 6.0. Soil moisture 54% very short, 31% short, 12% adequate, 3% surplus. Cattle 5% very poor, 13% poor, 43% fair, 35% good, 4% excellent. Sweet potatoes 98% harvested, 95% 1999, 92% avg. Wheat 65% planted, 82% 1999, 78% avg.; 23% emerged, 55% 1999, 56% avg.; 16% very poor, 29% poor, 51% fair, 4% good. Pasture 39% very poor, 33% poor, 19% fair, 9% good. Scattered rain fell across most of the state, but more rain is needed. The harvesting of row crops is complete in many parts of the state.

MISSOURI: Days suitable for fieldwork 4.4, ranging from 2 days in the northwest district to nearly 6 days in the south-central district. Topsoil 13% very short, 25% short, 56% adequate, 6% surplus. The weekly precipitation averaged 0.65 inch, varying from 0.21 inch in the west-central 1.21 inches in the southwest district. Fall tillage 32% complete. Soybean harvest ranged from 87% in the southwest to 98% in the south-central, southeast districts. Corn harvest was virtually complete. Sorghum harvested varied from 86% in the northeast to complete across the bottom third of the State. Winter wheat seeding ranged from 78% in the north-central, south-central districts to 99% in the southeast. Pastures feed improved to 15% very poor, 25% poor, 36% fair, 16% good, 1% excellent.

MONTANA: Days suitable for fieldwork 4.6. Topsoil 28% very short, 52% short, 20% adequate, 0% surplus. Subsoil moisture 49% very short, 41% short, 10% adequate, 0% surplus. Cattle, calves moved from 86% summer ranges, 85% 1999, 86% avg. Sheep, lambs moved from 89% summer ranges, 91% 1999, 89% avg. Fieldwork is nearly complete for a number of areas in the state. Many areas of the state have reported short hay supplies, lighter weaning weights. Hay continues to be hauled into a large number of areas throughout the state.

NEBRASKA: Days suitable for fieldwork 3.6. Topsoil 16% very short, 32% short, 47% adequate, 5% surplus. Subsoil moisture 53% very short, 32% short, 14% adequate, 1% surplus. Temperatures for the week averaged near normals west, 3 to 9° above normals central, east. Precipitation ranged from less than 0.25 inch to nearly 2.0 inches across the State. Wheat 5% poor, 40% fair, 50% good, 5% excellent, 99% emerged, 99% 1999, 100% avg. Corn 95% harvested, 92% 1999, 80% avg. Soybeans 99% harvested, 100% 1999, 97% avg. Sorghum 98% harvested, 91% 1999, 85% avg. Sugar beet harvest near complete but slowed due to wet conditions. Producers moving cattle to harvested stalk fields.

NEVADA: DATA NOT AVAILABLE.

NEW ENGLAND: DATA NOT AVAILABLE.

NEW JERSEY: Days suitable for field work 6.8. Topsoil 4% very short, 73% short, 23% adequate. Corn 64% harvested for grain, 70% good, 30% excellent. Soybeans 49% harvested, 95% good, 5% excellent. Clear skies allowed producers to make good progress harvesting corn, soybeans. Deer damage in some fields remains a concern. Seeding of winter wheat, rye fields continued on schedule. Producers took advantage of fair weather to continue harvest of fall vegetables. Sweet potato harvest continued in some late planted fields. Fall cabin lettuce, spinach were rated in mostly good condition with 80% harvest complete in most areas. Kale, collard greens were also rated in mostly good condition with harvest nearly 60% complete.

NEW MEXICO: Days suitable for fieldwork 3.5. Topsoil 4% very short, 26% short, 68% adequate, 2% surplus. Cool, unsettled weather continued during the week providing another welcome break from dry conditions. Western, central areas saw ½ to 1 inch of soaking rain. Rain in the east was a bit more spotty with lightest amounts in the far northeast under a quarter inch. Temperatures were 4 to 8° cooler than average across the southwest deserts, the central mountain while the far southeast was the only area to show warmer than normal temperatures. Farmers had a slow week with the excess moisture keeping them out of the field. Total sorghum 60% very poor, 18% poor, 16% fair, 6% good, 57% harvested, 48% 1999, 42% 5-yr. The total wheat condition continued to improve in mostly poor to good condition. Peanuts were in mostly fair to good condition, 55% of the crop harvested. The red chile crop was listed in mostly fair to good condition, with harvest at a stand still until the ground dries. Ranchers were busy shipping calves, lambs to market, along with purchasing alfalfa, other hay for winter feed. Cattle, sheep listed in mostly poor to good condition. Pasture, range feed 30% very poor, 37% poor, 27% fair.

Corn for grain harvest gained momentum. Limited amount of fall plowing completed.

**NORTH DAKOTA:** Days suitable for fieldwork 1. Topsoil 0% very short, 8% short, 68% adequate, 24% surplus. Subsoil moisture 5% very short, 15% short, 67% adequate, 13% surplus. Rain or snow fell across most of state, leaving only 1 day suitable for fieldwork this past week. In the northwest, ranchers began soilage supplementation of livestock due to the winter conditions. Sunflowers 83% combined, 83% 1999, 88% avg. Pasture, range feeds 5% very poor, 20% poor, 44% fair, 28% good, 3% excellent. Stockwater 5% very short, 12% short, 80% adequate, 3% surplus.

**Oklahoma:** Days suitable for fieldwork 1.5. Topsoil 2% short, 59% adequate, 39% surplus. Subsoil moisture 2% very short, 16% short, 66% adequate, 16% surplus. Wheat 95% seeded prepared, 94% last week, 100% 1999, 100% avg.; Oats 2% poor, 49% fair, 41% good, 8% excellent; 87% seeded prepared, 82% last week, 100% 1999, 100% avg.; 39% planted, 28% last week, 82% 1999, 77% avg., 36% emerged, 24% last week, 37% 1999, 46% avg. Rye 3% poor, 32% fair, 63% good, 2% excellent; 97% seeded prepared, 87% last week, 93% 1999, 96% avg.; 42% planted, 61% last week, 97% 1999, 90% avg.; 58% emerged, 50% last week, 87% 1999, 79% avg. Soybeans 85% harvested, 77% last week, 69% 1999, 67% avg. Peanuts 61% combined, 60% last week, 72% 1999, 70% avg. Alfalfa Hay 7% very poor, 17% poor, 42% fair, 32% good, 2% excellent; 95% 4th cutting, 92% last week, 90% 1999, 95% avg.; 55% 5th cutting, 51% last week, 34% 1999, 55% avg. Other Hay 15% very poor, 25% poor, 32% fair, 21% good, 9% excellent; 97% 2nd cutting, 94% last week, 92% 1999, 88% avg. Livestock 1% very poor, 7% poor, 32% fair, 55% good, 5% excellent; Cattle auctions reported slightly below average marketings for the week. The price for feeder steers less than 800 pounds increased from last week, averaged $92.00 per cwt.

**Pennsylvania:** Days suitable for field work 6.1. Soil moisture 4% very short, 21% short, 72% adequate, 3% surplus. Fall 76% plowing, 85% 1999, 81% avg. Corn 97% mature, 95% 1999, 97% avg.; 56% harvested, 65% 1999, 61% avg.; 1% very poor, 3% poor, 12% fair, 52% good, 32% excellent. Barley 93% emerged, 91% 1999, avg not available, 95% planted, 91% 1999, 89% avg.; 79% emerged, 76% 1999, avg not available. Soybeans 67% harvested, 57% 1999, 58% avg.; 1% poor, 15% fair, 57% good, 27% excellent. Alfalfa 94% 4th cutting, 93% 1999, 86% avg. Quality of hay made 6% very poor, 17% poor, 35% fair, 32% good, 10% excellent. Activities include: Harvesting corn, corn silage, soybeans, potatoes; grading potatoes; machinery maintenance; filling silos; storing equipment; spreading lime, fertilizers; hauling, spreading manure; caring for livestock; fixing fences; cleaning; making hay, haylage; fall plowing; seeding fall crops.

**South Carolina:** Days suitable for field work 6.4. Days suitable for field work 6.4. Soil moisture 44% very short, 45% short, 11% adequate. Apples 98% harvested, 97% 1999, 97% avg. Barley 74% planted, 66% 1999, 74% avg.; 42% emerged, 49% 1999, 56% avg.; 4% poor, 84% fair, 12% good. Cotton 99% bolls opened, 100% 1999, 98% avg.; 66% harvested, 58% 1999, 62% avg.; 1% very poor, 17% poor, 52% fair, 29% good, 1% excellent. Livestock 4% poor, 27% fair, 57% good, 12% excellent. Oats 54% planted, 65% 1999, 67% avg.; 36% emerged, 44% 1999, 50% avg.; 5% poor, 88% fair, 6% good. Peanuts 93% harvested, 73% 1999, 89% avg.; 1% poor, 50% fair, 41% good. Pecans 35% harvested, 27% 1999, 35% avg.; 38% poor, 42% fair, 20% good. Rye 50% planted, 70% 1999, 67% avg.; 39% emerged, 54% 1999, 53% avg.; 1% very poor, 5% poor, 87% fair, 7% good. Sorghum 100% matured, 99% 1999, 100% avg.; 85% harvested, 79% 1999, 86% avg.; 14% poor, 54% fair, 32% good. Soybeans 99% turned color, 97% 1999, 98% avg.; 85% dropped, 76% 1999, 88% avg.; 65% matured, 55% 1999, 58% avg.; 29% harvested, 22% 1999, 20% avg.; 3% very poor, 10% poor, 32% fair, 51% good, 4% excellent. Sweetpotatoes 96% harvested, 85% 1999, 80% avg.; 9% poor, 40% fair, 47% good. Winter Grazing 79% planted, 84% 1999, 80% avg.; 61% emerged, 71% 1999, 65% avg.; 7% very poor, 16% poor, 68% fair, 9% good. Winter Wheat 27% planted, 27% 1999, 27% avg.; 17% emerged, 16% 1999, 17% avg.

**South Dakota:** Days suitable for field work 3.9. Topsoil 14% very short, 38% short, 47% adequate, 1% surplus. Subsoil moisture 27% very short, 41% short, 31% adequate, 1% surplus. Feed supplies 2% very short, 18% short, 75% adequate, 5% surplus. Stock water supplies 19% very short, 34% short, 46% adequate, 1% surplus. Winter rye 99% emerged, 97% 1999, 99% avg.; rye 2% very poor, 10% poor, 47% fair, 38% good, 3% excellent, 5% very poor, 16% poor, 45% fair, 31% good, 3% excellent. Range, pasture 14% very poor, 18% poor, 36% fair, 29% good, 3% excellent. Cattle 2% poor, 18% fair, 63% good, 17% excellent. Sheep 3% poor, 23% fair, 53% good, 21% excellent. Two bands of slow moving, soaking rains stopped row crop harvest but gave livestock, pastures, winter crops a much needed boost. Temperatures last week ranged from 30 below to 13 above normal, with strong winds. Despite the weather, harvest progress remains well ahead of avg, while winter wheat emergence remains behind.

**Tennessee:** Days suitable for fieldwork 6. Topsoil 47% very short, 44% short, 9% adequate. Subsoil moisture 53% very short, 39% short, 8% adequate. Burley 48% stripped, 50% 1999, 50% avg. Winter wheat 65% seeded, 68% 1999, 70% avg.; 30% emerged. Hay stocks 3% very short, 18% short, 70% adequate, 9% surplus. A cold front which pushed through the State on Friday brought much needed rainfall to portions of West State. Unfortunately, the rest of the State reported little if any precipitation, farmers in these areas continue to struggle with poor dryness. Forest fires are popping up in areas, extensive water supply shortages are being reported. The silver lining has been the continued lack of heavy rains, moving, soaking rains stopped row crop harvest but gave livestock, pastures, winter crops a much needed boost. Temperatures last week ranged from 3° below to 13° above normal, with strong winds. Despite the weather, harvest progress remains well ahead of avg, while winter wheat emergence remains behind.
pasture feeds, low water supplies. Major field activities taking place last week included: Soybean harvest, winter wheat seeding. Soybean producers made excellent progress before rain showers forced them from their fields. Despite the chance of rain, many of the State’s wheat growers held off seeding any additional acreage last week. As a result, the 65% seeded at week’s end was slightly behind both 1999, the 5-yr avg pace. The crop should benefit greatly in the areas that received moisture last week. The recent lack of moisture is also causing problems with tobacco stripping. After getting off to an excellent start, progress has slowed as growers wait for the crop to come into case. Only an additional 2% of the crop was stripped last week, progress has fallen behind 1999, the 5-yr avg.

TEXAS: Temperatures continued to be normal to above normal across the state while widespread rains covered the state. Rainfall was extremely heavy in some regions which led to flooding conditions, many road closures. In the areas where the rains were the heaviest, many lakes, farm ponds rose to above normal levels for the first time in several months. Remaining harvest was generally slowed as drying out will be required before continuing. Some remaining crops to be harvested could be further damaged by the rainfall. Further planting and drying out will be needed. Emergence of small grains that were planted prior to the recent rains continued while further land preparation remained on hold in most areas. The rainfall continued to aid the growth of cool season forages, but supplemental feeding continued in most areas across the state. Field Crops: Small Grains: Planting of wheat, oats progressed slowly as conditions were very wet. Emergence in earlier planted fields continued to be enhanced by the increased moisture. Further planting and drying out will be needed. Winter wheat, barley 86% of normal compared with 48% 1999. Oats 77% Published, 64% 1999, 73% Average. Corn: Harvest of remaining corn ended as conditions allowed across the Plains. Cotton: Harvest on the Plains remained generally on hold as conditions, both humidity, soil moisture were too high for harvest. Concern arose over the continued wet conditions, the possibility that quality, yield would continue to decline if drying out was slow in coming. Some gins have temporarily closed or possibly closed for the season depending on the extent of the present wet conditions. Cotton 37% of normal compared with 57% 1999. Bolts Opening 99% Published, 98% 1999, 96% Average. Rice: Harvest was spotted in early week after some drying, but delayed again in late week as the result of wet conditions. The remainder of the ratoon harvest will resume as drying out occurs. Sorghum: Harvest on the Plains was mostly completed, however drying out of some remaining sorghum continued. Peanuts: Harvest remained slowly on hold across the state as field conditions remained wet. Some harvest occurred in early week, but only in isolated location. Some low grades have occurred as a result of the recent weather conditions, heavy have further deceased yield potential. Peanut 46% of normal compared with 75% 1999. Mature 100% Published, 98% 1999, 99% Average. Soybeans: Harvest of remaining beans remained on hold as humidity levels were generally too high, drying out could not occur. Commercial Vegetables, Fruit and Pecans: Rains were received in the Grande Valley, land preparation continued slowly as some spotted showers were received. Onions continued to make good progress along with spinach, carrots. Harvest of turnips, cucumbers continued in varied locations. San Antonio-Winter Garden, limited planting of some vegetables continued during early week. Cabbage continued to make good progress, harvest continued for turnips, cucumbers, however some cucumbers continued to be lost as a result of the recent rains. East State fall planting was halted in most locations as the result of continued rainfall. Sweet potato harvest was mostly completed in areas where harvest was possible. High Plains, land preparation, harvest for remaining pumpkins, melons was stalled as wet conditions continued across the Plains. Trans Pecos, harvest continued for chili peppers prior to rainfall that crossed the area, land preparation continued in isolated locations. Pecans: Harvest activities continued where possible across the state as widespread rains continued. In some areas where the rains were the heaviest, harvest production was varied. Sprouting concerns continued as conditions remained extremely wet in some locations. An abundance of crows have been noticed in some orchards. Range, Livestock: Green up of pastures continued with cool season forages, continued rainfall aided in the replenishment of available stock water. In some areas much more run off was needed, in others, stock ponds are totally full. Supplemental feeding of livestock continued in most locations as recent rains came too late for adequate pasture recovery. little to no wheat pasture is available at this time. Herd culling, reduction continued in some areas, however other areas are receiving replacements for stock.

UTAH: Days suitable for field work 4. Topsoil 1% very short, 7% short, 86% adequate, 6% surplus. Subsoil moisture 8% very short, 25% short, 65% adequate, 2% surplus. Winter wheat 93% emerged, 97% 1999, 75% 5-yr avg.; 1% poor, 34% fair, 49% good, 16% excellent. Corn 52% harvested for grain, 72% 1999, 68% avg. Apples 95% picked, 97% 1999, 99% avg. Major farm, ranch activities included: Harvesting apples, corn, weaning calves, lambs, getting ready for winter. Recent rains have helped fall grains. Snow, rain have been very beneficial to range, pastures as well.

VIRGINIA: Days suitable for fieldwork 6.9. Topsoil 49% very short, 41% short 10% adequate. Subsoil moisture 21% very short, 49% short, 30% adequate. Pastures 9% very poor, 21% poor, 45% fair, 24% good, 1% excellent. Beef Cattle Forage obtained from 84% Pastures. Milk Cow Forage obtained from 15% Pastures. Sheep Forage Obtained from 90% Pastures. Livestock 1% poor, 20% fair, 67% good, 12% excellent. Small Grain, Winter Grazing Crops 3% very poor, 15% poor, 60% fair, 22% good. Corn for Grain 84% harvested, 89% 1999, 87% 5-yr avg. Soybeans 1% very poor, 4% poor, 15% fair, 48% good, 32% excellent, 97% dropping leaves, 98% 1999, 99% 5-yr avg.; 50% harvested, 31% 1999, 36% 5-yr avg. Winter Wheat 51% seeded, 45% 1999, 47% 5-yr avg. Barley 81% seeded, 89% 1999, 84% 5-yr avg. Peanuts 98% combined, 89% 1999, 99% 5-yr avg. Cotton 94% bolls opening, 100% 1999, 99% 5-yr avg.; 42% harvested, 37% 1999, 53% 5-yr avg. Winter Apples 99% harvested, 87% 1999, 88% 5-yr avg. Topsoil conditions once again decline as the Commonwealth experiences another dry week. Fire hazards from farming operations are becoming a real concern in some areas. Orchards are being threatened in the Shenandoah National Park as fires continue to burn in Madison, Rappahanock, Page counties. Electric fences, sparks from farm machinery, hunting activities are being closely monitored. Many producers have stopped planting small grains due to dry soil conditions. Grain elevators in some areas are so full that producers have stopped harvesting corn due to lack of storage space. Some elevators are beginning to store grain on the ground to make room for the new crop harvest. Other activities for the week included: Defoliating cotton, harvesting fall vegetables.

WASHINGTON: Days suitable for fieldwork 6.3. Topsoil 5% very short, 25% short, 68% adequate, 2% surplus. Subsoil moisture 7% very short, 43% short, 45% adequate, 4% surplus. Pastures 9% very poor, 21% poor, 45% fair, 24% good, 1% excellent. The majority of the state’s winter wheat crop has emerged under fair to good conditions. Some areas reported yellowing from aphid damage. Potatoes 98% harvested, 100% 1999, 99% avg. Potato harvest was finishing up throughout the state. Hay, roughage, 99% adequate, 1% short. The majority of the state’s cattle were either on fall pasture or full feed. Fruit growers were busy preparing orchards for winter. Apple harvest was winding down with some Fuji, Pink Lady varieties remaining to be picked. Grape harvest was near completion. Christmas tree harvest was in full swing with some producers harvesting trees by helicopter. Organic truck gardeners continued harvesting late season vegetables.

WEST VIRGINIA: Days suitable for fieldwork 6.5. Topsoil 3% very short, 45% short, 50% adequate, 2% surplus. Hay 95% 3rd cut, 90% 1999. Farmers were busy marketing livestock, harvesting crops, preparing for winter. Lack of rainfall has forced some producers to haul water for livestock. Corn 5% fair, 52% good, 43% excellent.; 65% harvested, 80% 1999, 75% 5-yr avg. Soybeans 80% harvested for grain, 85% 1999, 75% 5-yr avg. Wheat 70% planted, 92% 1999, 87% 5-yr avg.; 40% emerged, 40% 1999. Apples 95% harvested, 95% 1999. Cattle 10% fair, 75% good, 15% excellent. Sheep 20% fair, 65% good, 15% excellent.

WISCONSIN: Days suitable for fieldwork 5.8. Soil moisture 2% very short, 38% short, 52% adequate, 8% surplus. Corn yields are reported average. Grain, corn-stalk harvest continues. Soybean yields were regarded as disappointing this year. The bushel, seed-size range for soybean was variable around the state as harvest ended. Wheat yields continued to be short, 38% short, 52% adequate, 8% surplus. Corn yields are reported average. Grains, corn-stalk harvest continues. Soybean yields were regarded as disappointing this year. The bushel, seed-size range for soybean was variable around the state as harvest ended. Winter wheat, rye, alfalfa were reported to be looking good going into winter. State experienced warm weather with scattered precipitation last week, allowing Overall soil moisture was reported adequate for fall activities.
WYOMING: Corn 68% harvested, 80% 1999, 62% avg.; 1% very poor, 4% poor, 4% fair, 87% good, 4% excellent. Sugar beets 98% harvested, 95% 1999, 95% avg.