

# Weekly Weather and Crop Bulletin State Stories

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**ALABAMA:** Days suitable for fieldwork 6.7. Topsoil 54% very short, 31% short, 15% adequate, 0% surplus. Corn 100% dented, 100% 2001, 99% avg.; 93% mature, 92% 2001, 96% avg.; 50% harvested, 50% 2001, 68% avg.; 4% very poor, 15% poor, 44% fair, 29% good, 8% excellent. Soybeans 100% setting pods, 99% 2001, 93% avg.; 42% dropping leaves, 33% 2001, 31% avg.; 2% harvested, 1% 2001, 3% avg.; 7% very poor, 56% poor, 22% fair, 12% good, 3% excellent. Pasture, range feed 18% very poor, 22% poor, 38% fair, 21% good, 1% excellent. Livestock condition 1% very poor, 6% poor, 30% fair, 50% good, 13% excellent. Farmers are digging sweet potatoes, other row crops. Dry weather is forcing farmers to start feeding hay to cattle.

**ALASKA:** Days suitable for fieldwork 6.0. Topsoil 95% adequate, 5% surplus. The Rains continued to fall in the Mat-Su, Kenai area. Delta saw drier conditions. Frost was reported in all the major growing areas. Daytime high temperatures were in the fifties and sixties. Nighttime lows were generally in the thirties to forties but dipped into the high twenties in Nenana, Gulkana. Barleys 70% harvested. Oat 40% harvested. Wind or rain damage to grain crops was reported as 95% none, 5% light. Potato harvest was 40% complete. Second cutting hay harvest was 30% complete. Winter supplies of hay were reported as 40% short and 60% adequate. Activities: Harvesting grains, vegetables, hay, potatoes, weed control, equipment maintenance

**ARIZONA:** Temperatures throughout the state were below average for the week. Cotton bolls opening 95% opening, 92% 2001, 89% 5-yr avg.; 10% harvest, 7% 2001, 6% 5-yr avg. Cotton condition remains mostly good. Significant amounts of rainfall were reported throughout the state. Precipitation was reported at 16 of 17 reporting stations. As a result, range, pasture feeds improved slightly; however, conditions remain mostly poor. With the increased rainfall, nine of 17 reporting stations are now above 50% of normal precipitation levels for this time of year.

**ARKANSAS:** Days suitable for fieldwork 7.0. Soil 19% very short, 60% short, 21% adequate, no surplus. Sorghum 98% turning color, 100% 2001, 98% 5 yr. avg.; 92% mature, 91% 2001, 85% 5 yr. avg.; 67% harvested, 75% 2001, 66% 5 yr. avg.; 1% very poor, 5% poor, 27% fair, 53% good, 14% excellent; Corn 100% mature, 100% 2001, 100% 5 yr. avg.; 70% harvested, 89% 2001, 85% 5 yr. avg.; 0% very poor, 2% poor, 27% fair, 45% good, 26% excellent. Soybeans 99% setting pods, 100% 2001, 98% 5 yr. avg.; 41% yellowing, 26% 2001, 26% 5 yr. avg.; 25% shedding, 42% 2001, 24% 5 yr. avg.; 15% mature, 11% 5 yr. avg. from '96-2000, 2% very poor, 9% poor, 27% fair, 43% good, 19% excellent; Cotton 62% opening bolls, 82% 2001, 71% 5 yr. avg.; 2% very poor, 4% poor, 19% fair, 59% good, 16% excellent; Rice 82% Ripe, 62% 2001, 71% 4 yr. avg.; ('97, '98, '00, '01); 39% harvested, 46% 2001, 39% 5 yr. avg.; 1% very poor, 5% poor, 26% fair, 46% good, 22% excellent. Other Hay 1% very poor, 13% poor, 37% fair, 43% good, 6% excellent; Pasture, Range feed 5% very poor, 19% poor, 48% fair, 26% good, 2% excellent. Revisions: No revisions made to previous week. FIELD CROP : The state's corn, sorghum harvests are in full swing. Early soybean fields, rice are being harvested. Most rice fields are being drained and prepared for harvest. Some cotton fields are reported as being defoliated. Only a few insecticide and fungicide applications are still being made. Harvest continues for apples. Some field preparation has begun for planting of winter wheat. LIVESTOCK, PASTURE, RANGE: Cattle remain in good condition. There has been an increase in feeding of hay

as hot, dry conditions continue. Some calves are being sold. Hay harvest, baling continues. Pastures continue to be mowed, sprayed for armyworms.

**CALIFORNIA:** Open bolls were showing in cotton fields in many areas. Defoliation was underway in the southern San Joaquin Valley. Several fields were dropping leaves. Irrigation continued in some fields of Pima cotton. Pesticides were applied to control aphids, mites, lygus as needed. Alfalfa growth remained vigorous with warm temperatures; alfalfa, sudan hay were cut and baled in many regions. Alfalfa seed harvesting continued in scattered areas. Fields of corn for grain were being picked while silage corn was chopped with good yields reported. Some treatments for insect pests were applied to maturing fields. Rice harvest picked up speed. Early yields have been good. Baling, chopping, burning of rice straw were taking place on harvested fields. Water was being drained from rice paddies in other areas. Wild rice was also being harvested. Sunflower, vine seed harvests continued. Dry bean fields were cut, windrowed; harvest was underway in some locations. Sugar beet harvesting continued while later planted fields of beets, sweet potatoes were being irrigated, growing well. Grain fields planted for winter forage showed good growth; recently harvested fields were disced, leveled in preparation for planting of winter grains. Stone, fruit harvesting continued as late varieties reached maturity. Varieties picked, packed included Autumn Flame, Full Moon peaches; Betty Ann, Howard Sun plums; and Arctic Snow and August Red nectarines. Irrigation, pruning, weed control were underway in many harvested orchards. Harvesting of table, wine, raisin grapes continued. Harvested grape vineyards were irrigated, disced for weed control, treated for insect pest control in some locations. Mildew control treatments were applied to some late variety table grape vineyards due to cooler weather conditions. Table grape varieties picked, packed included Thompson Seedless, Ruby Seedless. Approximately 70% of raisin vineyards had been picked, the grapes laid out on trays for drying. Raisin trays were rolled in about 20% of harvested vineyards, around 10% of trays had been picked up. Warm weather promoted the drying of grapes in vineyards using the dried on vine method. Apple harvesting continued. The primary varieties picked were Granny Smith, Fuji, Golden Delicious, Macintosh. Early Foothill, Early Red pomegranates were harvested. Harvesting of Asian pears and figs continued. Strawberries were harvested in the Central Coast counties, were planted in some locations. Irrigation, pest control applications were underway in citrus orchards where necessary. Valencia orange harvesting remained slow. Harvesting of lemons continued. Late season spraying for scale control continued in all citrus orchards. Bait applications to control olive fruit fly continued in olive orchards. Almond harvesting continued throughout the State. Pistachio harvesting was active in Fresno County. Walnut, pistachio, orchards continued to show good progress. Preparation for harvest was underway in walnut orchards. Irrigation, pest control activities continued in many orchards. Summer vegetable harvesting continued at a slower pace due to cooler weather. Fields of broccoli, lettuce were thriving. Melon harvesting continued. Melon fields planted for later harvest were nearing maturity. In cantaloupe fields, treatments to control fungal, bacterial diseases were underway as needed. Insecticide applications continued in tomato fields. Broccoli, cauliflower, carrots were being planted by direct seed, transplants. Fall carrot planting was completed. Radicchio fields were being planted. Processing tomato harvesting continued, but was slowing with the end of the harvest just weeks away. The following vegetables were also harvested: carrots, sweet corn, basil, daikon, long

beans, cucumbers, bell peppers, green onions, squash, garlic, parsley. Rangeland and non-irrigated pastures continued to be dry. Fire danger remained high. Supplemental feeding of livestock continued. Fall calving was underway. Sheep grazed harvested, fallow fields. Bee hives have been removed from vegetable, melon, seed fields.

**COLORADO:** Days suitable for field work 4.7. Topsoil 22% very short, 25% short, 52% adequate, 1% surplus. Subsoil 66% very short, 26% short, 8% adequate, 0% surplus. State experienced cooler temperatures than the previous week, but temperatures were above seasonal norms. State received some much needed moisture, averaging between .5 to 5 inches of rain in most areas. Spring wheat 96% harvested, 93% 2001, 77% avg. Dry onion 58% harvested, 66% 2001, 67% avg.; 3% very poor, 7% poor, 17% fair, 53% good, 20% excellent. Summer potatoes 54% harvested, 84% 2001, 76% avg.; 1% very poor, 5% poor, 6% fair, 64% good, 24% excellent. Fall potatoes 16% harvested, 18% 2001, 20% avg.; 0% very poor, 0% poor, 20% fair, 50% good, 30% excellent. Dry beans 46% cut, 66% 2001, 61% avg.; 34% harvested 47% 2001, 39% avg.; 15% very poor, 25% poor, 21% fair, 31% good, 8% excellent. Alfalfa 72% 3rd cutting, 61% 2001, 64% avg.; 13% 4th cutting, 5% 2001, 5% avg.; 11% very poor, 13% poor, 31% fair, 34% good, 11% excellent.

**DELAWARE:** Days suitable for fieldwork 6.50. Topsoil 7% very short, 32% short, 59% adequate, 2% percent surplus. Subsoil 21% very short, 57% short, 21% adequate, 1% surplus. Corn 52% very poor, 15% poor, 9% fair, 20% good, 4% excellent; 93%, 88% 2001, 87% avg.; 70% mature, 56% 2001, 47% avg.; 82% silage harvested, 63% 2001, 63% avg.; 14% harvested for grain, 13% 2001, 16% avg. Soybean 32% very poor, 18% poor, 33% fair, 13% good, 4% excellent; 25% turning color, 15% 2001, 23% avg.; 14% dropping leaves, 9% 2001, 8% avg. Sorghum 61% very poor, 8% poor, 18% fair, 13% good; 40% coloring, 35% 2001, 48% avg.; 15% mature, 4% 2001, 10% avg. Range, Pasture feed 35% very poor, 31% poor, 28% fair, 12% good. Other hay 3rd cutting 94%, 94% 2001, 93% avg.; 4th cutting 21%, 45% 2001, 34% avg. Alfalfa hay 3rd cutting 94%, 100% 2001, 99% avg.; 4th cutting 44%, 66% 2001, 52% avg. Apple 6% very poor, 15% poor, 29% fair, 47% good, 3% excellent; 43% harvested, 42% 2001, 54% avg. Watermelon 95% harvested, 96% 2001, 93% avg. Lima beans harvested, 30%, 28% 2001. Snap beans harvested 94%, 87% 2001, 87% avg. Sweet Corn harvested 93%, 91% 2001, 90% avg. Tomatoes harvested 84%, 82% 2001, 87% avg. Hay supplies 18% very short, 44% short, 37% adequate, 1% surplus. Last week started dry with showers by week's end. Farmers harvested corn during the dry part of the week. Vegetable harvest is nearing completion, while soybeans are soon ready for harvest.

**FLORIDA:** . Topsoil 1% very short, 14% short, 45% adequate, 40% surplus. Subsoil 3% very short, 12% short, 55% adequate, 30% surplus. Temperature average 1° below to 1 deg. above normal. Daytime highs: 80s, 90s. Nighttime lows: 60s, 70s. Rainfall range: 0.20 to 15.00 in. with abundant rains over Panhandle, Big Bend area, some northern Tropical Storm Hanna's rains over Panhandle, Big Bend, some northern Peninsula counties caused some lowland flooding thus delaying fieldwork; increased moisture content of some peanuts dug but not yet harvested with growers to allow drying before combining; reduced quality of cotton with open bolls; some cotton to recover. Peanut 5% poor, 55% fair, 35% good, 5% excellent; 5% dug, 2001, 13% 5-year average, 15%. Armyworms plaguing hay producers with harvesting delayed in wetter areas until ground dries. Planting of small grains for grazing getting underway in Panhandle. Abundant rain Peninsula localities caused by Tropical Storm Hanna. around Quincy caused no significant damage to tomatoes; may reduce quality of some immature fruit. Strawberry growers, Plant City, Dover, laying plastic. Fall crop planting continues, most central, southern Peninsula localities although rainfall from Hanna delayed some activity. Dade County producers continue to market light supplies of okra. Tropical Storm Hanna dumped a lot of water in most citrus areas this week, abundant new growth on trees of all ages. New crop fruit in excellent condition, some fruit splitting from excessive moisture. Early shipments, new crop fruit: Navels, Ambersweet oranges, early tangerines, grapefruit. Caretakers cutting cover crops, removing, burning dead trees, some resetting, fertilizing, spraying, liming, herbiciding. Pasture feed 5% poor, 15% fair, 80% good Cattle condition 5% poor, 10% fair, 85% good. Panhandle, North: Pasture feed declined prior to weekend storms; most pasture rated fair; armyworm damage, hot weather pulled down pasture feed cattle condition tracked pasture feed

lower; most cattle in fair condition. Central, South: pasture mostly in good condition. Statewide, condition of cattle mostly good.

**GEORGIA:** Days suitable for field work 6.0. Soil 28% very short, 33% short, 34% adequate, 5% surplus. Hay 23% very poor, 33% poor, 28% fair, 15% good, 1% excellent. Peanuts 18% dug, 14% 2001, 19% avg. Rye 3% planted, 4% 2001, 3% avg. Sorghum 8% very poor, 19% poor, 42% fair, 29% good, 2% excellent; 35% harvested for grain, 18% 2001, 36% avg. Soybeans 98% setting pods, 98% 2001, 97% avg. Tobacco 99% harvested, 98% 2001, 96% avg. Other small grains 2% planted, 3% 2001, 2% avg. Apples 7% very poor, 21% poor, 47% fair, 16% good, 9% excellent; 42% harvested, 39% 2001, 39% avg. Pecans 6% very poor, 28% poor, 43% fair, 22% good, 1% excellent. Temperatures were well above normal the first part of the week, but near normal the latter part of the week. Over the weekend, tropical storm Hanna provided most of the State with much needed rainfall. The northwest corner of the State received the least amount of rain while the southwest corner received the most rain. Two to three inches of rain were common throughout the State and some areas received more. However, the State is still under drought conditions, as streams and reservoirs are low. The total effects of the weekend rains are not reflected in this report. Crop conditions showed little improvement, but the rains may help late planted crops. The rains have delayed cotton, peanut harvesting. Hay supplies continue to be short. Corn harvest is beginning to wind down. The rains have improved pasture feeds, but armyworms continue to be a problem. Activities: Growers were preparing land for planting fall grains, spraying fall vegetables for insects, harvesting apples, routine care of livestock, poultry.

**HAWAII:** The deteriorating high pressure system in the north weakened trade winds, brought increased cloudiness, scattered, light showers to the State during the past week. Moderate to heavy irrigation was still necessary to maintain crop progress. East state banana orchards remained in good condition with adequate moisture, warmer temperatures. Papaya orchards were in fair to good condition with good flowering, fruit sets. Most vegetable crops continued to make favorable progress despite diminishing rodent attacks.

**IDAHO:** Days suitable for fieldwork 6.6. Topsoil 25% very short, 44% short, 31% adequate. Irrigation water supply 11% very poor, 26% poor, 33% fair, 30% good. Potatoes 60% vines dying/killed, 79% 2001, 62% avg.; 15% harvested, 13% 2001, 12% avg.; 1% very poor, 3% poor, 26% fair, 57% good, 13% excellent. Sugarbeets 0% harvested, 3% 2001, 2% avg. Winter Wheat 2% emerged, 2% 2001, 2% avg. Oats 73% harvested for grain, 67% 2001, 82% avg. Alfalfa hay 71% 3rd cutting harvested, 73% 2001, 71% avg.; 29% 4th cutting harvested, 29% 2001, 20% avg. Field Corn 12% harvested for silage, 20% 2001, 23% avg. Dry Beans 67% harvested, 46% 2001, 42% avg.;. Dry Peas 97% harvested, 99% 2001, 97% avg. Lentils 97% harvested, 97% 2001, 91% avg. Onions 47% harvested, 38% 2001, 33% avg. Apples 10% harvested, 20% 2001, 15% avg. Peaches 61% harvested, 77% 2001, 81% avg. Prunes and Plums 55% harvested, 62% 2001, 62% avg. Activities: Killing potato vines, preparing for fall grain seeding, harvesting dry beans, onions, field corn for silage.

**ILLINOIS:** Days suitable for fieldwork 6.7. Topsoil 30% very short, 40% short, 30% adequate. Soybeans 68% turning yellow, 80% 2001, 73% avg. Alfalfa 3rd crop cut 90%, 96% 2001, 94% avg. Some combines ventured into the fields across the state as corn, soybeans, sorghum crops are rapidly maturing. Larger farms in the state have reportedly begun harvesting corn early to stay ahead of the weather. Corn silage chopping continued across the state last week. Some farmers in the southern part of the state still are experiencing drought, report a shortage of hay, concerns about aflatoxins in corn. Farmers were also busy mowing roadsides, waterways, baling hay.

**INDIANA:** Days suitable for fieldwork 6.8. Topsoil 54% very short, 35% short, 11% adequate, 0% surplus. Subsoil 49% very short, 37% short, 14% adequate, 0% surplus. Hot, dry weather prevailed during most of the week. Precipitation scattered, spotty. Topsoil very dry, most areas. Major crops advancing rapidly toward maturity. Pastures dried up most areas. Corn harvest gaining momentum. Corn plants rapidly turning brown, many fields. Soybean plants turning yellow, rapidly dropping leaves in many fields. Most critical areas for soil moisture

deficiency are in the northeast, east central, southwest, south central, southeast regions. Temperatures averaged 2° to 9° above normal. Precipitation averaged 0.00 to 1.88 inches. Alfalfa hay 83% 3rd cutting complete, 100% 2001, 93% avg. Pastures 47% very poor, 31% poor, 18% fair, 4% good. Livestock are in mostly good condition. Feeding of hay continues, some farms. Activities: Baling hay, attending field days, FSA paperwork, selling grain, preparing equipment, cleaning out grain bins, mowing roadsides, pastures, hauling manure, taking care of livestock.

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**IOWA:** Days suitable for fieldwork 6.4. Topsoil 21% very short, 37% short, 42% adequate, 0% surplus. Subsoil 18% very short, 37% short, 45% adequate, 0% surplus. A third consecutive week of dry weather helped farmers begin harvesting soybeans this week. One percent of state soybeans have been harvested, equal to the five year average. The weather continued to push soybean maturity, keeping acreage with leaves turning color or dropping leaves well ahead of normal. In isolated areas the advancement of soybeans has occurred too rapidly, causing deterioration of the crop. Statewide, soybean conditions dropped slightly this week. Topsoil moisture levels continue to plummet, with 58% of the state rated short or very short compared to 43% the previous week. The three southern districts appear to be suffering the most. Corn in dent or dough stage remains ahead of normal. Corn harvested advanced to 4% complete statewide, slightly ahead of normal. Corn conditions were basically unchanged. The third harvest of alfalfa neared completion at 93%, remaining ahead of normal. The extended dry weather caused further deterioration of pastures, with only 29% currently rated good to excellent. Farmers are increasingly concerned about the lack of rainfall, the prospects for late fall pastures. Corn 3% very poor, 9%, poor 22% fair, 45% good, 21% excellent; 97% dented; 85% 2001, 91% avg.; 59% mature, 37% 2001, 55% avg.; 4% harvested, 2% 2001, 3% avg. Soybean 3% very poor, 10% poor, 25% fair, 46% good, 16% excellent; 50% dropping leaves, 13% 2001, avg. 35%. Pasture feed 17% very poor, 27% poor, 27% fair good, 25%, 4% excellent.

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**KANSAS:** Days suitable for fieldwork 5.7. Topsoil 34% very short, 41% short, 24% adequate, 1% surplus. Subsoil 5% very short, 36% short, 9% adequate. Soybeans 3% harvested, NA 2001, avg. NA. Sunflower ray flowers dry 90%, 89% 2001, avg. NA; 74% bracts yellow, 73% 2001, avg. NA; 24% mature, 29% 2001, avg. NA; 8% harvested, 9% 2001, avg. NA; 20% very poor, 36% poor, 31% fair, 12% good, 1% excellent. Alfalfa 4th cutting 55% completed, 70% 2001, 70% avg. Pasture feed 41% very poor, 30% poor, 20% fair, 8% good, 1% excellent. Activities: Scattered showers fell over much of the State. The rain slowed row crop harvest, wheat seeding. Calf weaning in some areas.

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**KENTUCKY:** Days suitable for fieldwork 5.7. Topsoil 59% very short, 32% short, 9% adequate. Subsoil 59% very short, 31% short, 10% adequate. Late crop soybean development got some help from scattered showers last weekend. Pasture feeds have forced some farmers to feed hay to livestock. Rainfall statewide was 0.82 inches. Activities: Cutting, housing tobacco, harvesting corn, tending livestock. Average moisture of corn harvested 18%. Burley tobacco cut 80%. Dark tobacco cut 82%. Some of the tobacco in the barns has not been curing properly because of the high temperatures, low humidity. Tobacco showing houseburn 82% none, 14% light, 3% moderate, 1% heavy. Hay condition 33% very poor, 31% poor, 25% fair, 10% good, 1% excellent. Tobacco in field condition 19% very poor, 17% poor, 29% fair, 26% good, 9% excellent.

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**LOUISIANA:** Days suitable for fieldwork 6.3. Soil 17% very short, 32% short, 47% adequate, 4% surplus. Corn 98% harvested, 90% last week, 90% 2001, 97% avg. Cotton 10% harvested, 3% last week, 8% 2001, 15% avg. Hay 92% 2nd cutting, 87% last week, 95% 2001, 88% avg. Rice 99% ripe, 96% last week, 99% 2001, 98% avg. Soybeans 63% turning color, 45% last week, 84% 2001, 82% avg., 18% harvested, 13% last week, 28% 2001, 27% avg. Sugarcane 5% poor, 18% fair, 39% good, 38% excellent; 82% planted, 60% last week, 71% 2001, 79% avg. Sweet potatoes 25% harvested, 16% last week, 26% 2001, 29% avg. Livestock 6% poor, 31% fair, 55% good, 8% excellent. Vegetables 7% very poor, 31% poor, 33% fair, 26% good, 3% excellent.

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**MARYLAND:** Days suitable for fieldwork 6.20. Topsoil 19% very short, 42% short, 38% adequate, 1% surplus. Subsoil 37% very short, 45% short, 18% adequate. Range, Pasture feed 21% very poor, 38%

poor, 33% fair, 8% good. Sweet corn harvested 91%, 94% 2001, 95% avg.; 47% very poor, 27% poor, 15% fair, 10% good, 1% excellent; 83% dent, 77% 2001, 71% avg.; 77% mature, 59% 2001, 46% avg.; 19% harvested for grain, 11% 2001, 13% avg.; 80%, silage harvested, 54% 2001, 48% avg. Apple 5% very poor, 20% poor, 42% fair, 33% good; 46% harvested, 28% 2001, 29% avg. Tobacco 90% harvested, 80% 2001, 82% avg. Lima beans 50% harvested, 74% 2001. Snap Beans 90% harvested 87% 2001, 89% avg. Soybean 36% very poor, 23% poor, 27% fair, 14% good; 48% turning color, 29% 2001, 24% avg.; 29% dropping leaves, 7% 2001, 9% avg. Tomatoes harvested 90%, 92% 2001, 95% avg. Watermelons harvested 87%, 87% 2001, 95% avg. Sorghum 10% very poor, 20% poor, 50% fair, 20% good; 23% coloring, 55% 2001, 52% avg. Other Hay 3rd cutting 82%, 86% 2001, 79% avg. Alfalfa hay 3rd cutting 92%, 98% 201, 94% avg.; 4th cutting 50%, 72% 2001, 55% avg. Hay supplies 24% very short, 35% short, 39% adequate, 2% surplus. Last week was mostly dry with the exception of a few showers by the week's end. Farmers harvested corn during the drier part of the week. Vegetable harvest is nearing completion.

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**MICHIGAN:** Days suitable for fieldwork 7.0. Topsoil 44% very short, 39% short, 17% adequate, 0% surplus. Subsoil 33% very short, 40% short, 27% adequate, 0% surplus. All Hay 3rd cutting 72%, 71% 2001, 72% avg.; 4th cutting 13%, 15% 2001, 15% avg. Hay 5% very poor, 13% poor, 34% fair, 41% good, 7% excellent. Corn 95%, dough 83% 2001, 88% avg. Dry beans turning 90% leaves, 71% 2001, 88% avg.; 74%, shedding leaves 44% 2001, 75% avg.; 9%, harvested 7% 2001, 22% avg.; 2% very poor, 6% poor, 41% fair, 44% good. Silage 44% harvested, 45% 2001, 36% avg. Soybeans harvested 3%, 1% 2001, 1% avg. Soybeans turning leaves 82%, 72% 2001, 68% avg. Temperatures ranged from 2 to 8° above normal. Spotty showers did little to restore soil moisture, as dry weather continued. Average rainfall amounts ranged from none south central Lower Peninsula to 0.85 inch eastern Upper Peninsula. Another week of dry weather has pushed maturity of corn, soybeans. Corn maturing rapidly and silage being harvested at a quick pace. A few soybean fields went from mostly green to mostly yellow during week. Sugarbeet stands looked good but more soil moisture is needed to reach full potential. Alfalfa second cutting complete. The third cutting moved along with some being chopped. Dry bean harvest underway with good quality. Dry weather helping harvest move right along. Most pastures doing fair due to dry weather. Apple harvest continued. Growers harvested Gala, McIntosh southwest, Ginger Gold northwest. Fruit size poor some blocks due to summer drought. Growers harvesting late varieties of peaches southwest. Cherry leaf spot caused widespread leaf drop both tart, sweet cherries northwest. Barlett pear harvest complete. Harvesting of Bosc and Harrow Sweet varieties began southwest. Plum harvest underway. Blueberry harvest complete. Niagara, table grapes being harvested southwest. Early wine grapes being harvested southwest, northwest. Harvest continued on cabbage, carrots, cucumbers, peppers, snap beans, summer squash. Celery harvest beyond two-thirds complete. Potato harvest continued. Pepper, summer squash harvest continued. Melon harvest completed. Pumpkin harvest underway. Sweet corn, onion harvest continued with high quality. Fresh market, processing tomato harvest continued.

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**MINNESOTA:** Days suitable for field work 5.8. Topsoil 2% very short, 11% short, 77% adequate, 10% surplus. Soybeans 89% turning yellow, 70% 2001, 81% avg.; 11% mature, 5% 2001, 13% avg. Corn 53% cut for silage, 47% 2001, 54% avg. Dry beans 29% harvested, 32% 2001, 40% avg. Potatoes 31% harvested, 20% 2001, 26% avg. Canola 65% harvested, 78% 2001, NA avg. Sweet corn 83% harvested, 87% 2001, 89% avg. Sugarbeets 2% harvested, 3% 2001, 4% avg. Pasture feed 2% very poor, 10% poor, 33% fair, 49% good, 6% excellent. Dry beans 8% very poor, 10% poor, 27% fair, 43% good, 12% excellent. Potatoes 4% very poor, 6% poor, 28% fair, 36% good, 26% excellent. Sunflowers 1% very poor, 9% poor, 26% fair, 58% good, 6% excellent. Sugarbeets 3% very poor, 7% poor, 29% fair, 50% good, 11% excellent. The very hot weather, locally heavy storms of the previous week were replaced by seasonably warm, mostly sunny days which generally kept crop development, fieldwork on schedule. The spring wheat harvest is finally wrapping up in the major growing area of the Red River Valley, where only light rains fell. Corn silage chopping has been very active. Excessively wet ground in some East Central counties is bogging down the silage harvest, as it has done with the hay harvest during much of the season. The soybean harvest has begun in scattered localities in the southern half of the state, is expected to become very active in the coming week. Reports indicate that beans have been drying to suitably

low moisture levels even though the soybean plants themselves remain green. The harvest of corn for grain is poised to begin within a week or 2 in many counties.

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**MISSISSIPPI:** Days suitable for fieldwork 6.7. Soil 22% very short, 44% short, 33% adequate, 1% surplus. Corn 99% mature, 99% 2001, 99% avg.; 83% harvested, 65% 2001, 82% avg.; 99% silage harvested, 100% 2001, 98% avg. Cotton 88% open bolls, 92% 2001, 87% avg.; 9% harvested, 4% 2001, 11% avg.; 2% poor, 12% fair, 50% good, 36% excellent. Rice 93% mature, 88% 2001, 83% avg.; 38% harvested, 43% 2001, 45% avg.; 4% poor, 12% fair, 50% good, 34% excellent. Sorghum 100% mature, 99% 2001, 96% avg.; 81% harvested, 72% 2001, 74% avg.; 81% silage harvested, 87%, 2001, 82% avg.;. Soybeans 80% turning color, 82% 2001, 82% avg.; 64% shedding leaves, 64% 2001, 63% avg.; 35% harvested, 29% 2001, 27% avg.; 1% very poor, 5% poor, 18% fair, 42% good, 34% excellent. Hay 94% harvested (Warm Season), 87% 2001, 90% avg.;. Sweetpotatoes 23% harvested, 28% 2001, 26% avg.; 5% very poor, 9% poor, 27% fair, 56% good, 3% excellent. Wheat 2% Planted, 1% 2001, 2% avg.; Cattle 3% very poor, 9% poor, 23% fair, 51% good, 14% excellent. Pasture 4% very poor, 17% poor, 32% fair, 41% good, 6% excellent. Dry conditions persist as problems for producers wishing to plant crops, harvest sweetpotatoes but welcome for the harvesters.

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**MISSOURI:** Days suitable for fieldwork 6.4. Topsoil 41% very short, 44% short, 15% adequate. Row crop harvesting jumped ahead at a rapid pace as warm, sunny weather hastened the drying process. Corn harvesting at 43% complete is similar to the record rate of 2 years ago. Progress ranges from 23% complete in northwest, northeast districts, to 75% in the southeast, 82% in the southwest. Soybeans turning color vary from 80% in the northwest district to less than half of the crop coloring in the southern third of the State and the east-central district. Most farmers have not yet begun harvesting soybeans. Sorghum mature ranges from 20% or less in the north-central, east-central, south-central districts, to 89% in the northwest and southwest districts. Sorghum harvesting is most advanced in the southwest and southeast districts at 54% and 25%, respectively. Supply of hay is rated at 6% very short, 18% short, 68% adequate, 8% surplus. Stock water supplies are rated at 11% very short, 26% short, 62% adequate, 1% surplus. Pasture feed 33% very poor, 31% poor, 25% fair, 10% good, 1% excellent. Rainfall for the week averaged 0.33 inch, ranging from about 0.68 inch in the northeast, west-central districts, to 0.36 inch or less in all other districts.

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**MONTANA:** Days suitable for fieldwork 6.4. Topsoil 20% very short, 38% short, 41% adequate, 1% surplus. Subsoil 34% very short, 41% short, 25% adequate, 0% surplus. The 2003 winter wheat crop is 17% planted, compared to 10% 2001, the 5-year average of 12%. Barley 93% ripe, harvest is 73% complete, with 2001, average of 96%, the 5-year average of 94%. Spring wheat ripening 93%, harvest is 78% complete, compared to 2001 at 96% and the 5-year average of 92%. Oat ripening has progressed to 98%, harvest is 85%, behind last year's average of 94% and the 5-year average of 92%. Dry Beans harvest is at 28% completed behind last year's average of 30% and behind the 5-year average of 57%. The condition is 1% very poor, 9% poor, 43% fair, 41% good, 6% excellent. Corn condition is 3% very poor, 7% poor, 24% fair, 47% good, 19% excellent. Corn silage is 43% harvested compared to 42% last year and the 5-year average of 43%. Potatoes 1% very poor, 2% poor, 9% fair, 50% good, 38% excellent, with 3% harvested. Sugar beet 1% very poor, 12% poor, 23% fair, 54% good, 10% excellent. The second cutting of alfalfa is 87% harvested, compared to 92% last year, the 5-year average of 91%. All other hay is 80% harvested of the second cutting compared to 88% last year. Pasture, range feed 20% very poor, 34% poor, 29% fair, 15% good, and 2% excellent. Last year, conditions were rated 29% very poor, 29% poor, 29% fair, 12% good, 1% excellent while the 5-year average is 19% very poor, 24% poor, 30% fair, 22% good and 5% excellent. Movement of livestock from summer ranges continues. Cattle, calves moved 27% with sheep, lamb movement at 24%.

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**NEBRASKA:** Days suitable for fieldwork 5.2. Subsoil moisture supplies were very short or short across 91% of the State. Temperatures averaged from 2° above to 3° below normals for the week. Precipitation

averaged near 1.0 inch statewide with amounts ranging to over 3.0 inches. Alfalfa 4<sup>th</sup> cutting 43%, 29% 2001, 28% avg. Pastures greening up but cattle still receiving supplemental feed, calves being worked, weaned, waiting for stalk fields to become available.

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**NEVADA:** Thunder showers visited southern state during the week, bringing the first significant precipitation in several months to many parched areas. Las Vegas recorded .27 inch of rainfall, some localities received over an inch. Summer-like temperatures returned to northern state with daily averages about 10° above normal. Haying continued under mostly fair weather. Alfalfa 3rd cutting was virtually completed, 4th cutting was underway. Alfalfa seed harvest continued. Planting of new alfalfa fields continued. Corn chopping for silage, green feed was in full swing. Potato harvest began. Late garlic digging continued. Onion harvest continued. Onion seed approached completion. Mint distilling continued. Cantaloup, sweet corn harvests were winding down. Weaning, sorting of calves was underway, as was the marketing of cull cows. Activities: Alfalfa hay harvest, alfalfa seed harvest, corn chopping, irrigation, pest control, weed control, sorting livestock.

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**NEW ENGLAND:** Days suitable for field work 5.9. Topsoil 32% very short, 37% short, 31% adequate, 0% surplus. Subsoil moisture 39% very short, 32% short, 29% adequate, 0% surplus. Pasture feed 13% very poor, 38% poor, 36% fair, 13% good, 0% excellent. Maine Potatoes: 15% harvested, 10% 2001, 10% avg.; condition good/fair. Rhode Island Potatoes 75% harvested, 85% 2001, 60% avg.; condition good/fair. Massachusetts Potatoes 50% harvested, 45% 2001, 55% avg.; condition good/fair. Maine Oats 60% harvested, 85% 2001, 70% avg.; condition good/excellent. Maine Barley 85% harvested, 95% 2001, 75% avg.; condition good/excellent. Field Corn 20% harvested, 35% 2001, 20% avg.; condition good/fair. Sweet Corn 90% harvested, 90% 2001, 85% avg.; condition good/fair. Second Crop Hay 95% harvested, 90% 2001, 85% avg.; condition good/fair. Third Crop Hay 65% harvested, 65% 2001, 60% avg.; condition fair. Shade Tobacco 99% harvested, 99% 2001, 99% avg.; condition good/fair. Broadleaf Tobacco 100% harvested, 95% 2001, 99% avg.; condition good/fair. Apples 35% harvested, 35% 2001, 30% avg.; condition good/fair. Peaches 90% harvested, 90% 2001, 90% avg.; condition good/fair. Pears 40% harvested, 40% 2001, 30% avg.; condition very poor/poor. Massachusetts Cranberries: Condition good/fair. Highbush Blueberries 100% harvested, 95% 2001, 99% avg.; condition good. Strong winds arrived in the Northeast at week's end, causing increased drop for some tree fruit crops. Rain fell mostly in northern state, small amounts were received in the south. Any rainfall from now until the end of harvest will be too late to help most crops, but will be needed to help replenish ground water supplies. Activities : Harvesting shade tobacco, potatoes, oats, barley, apples, peaches, pears, vegetables; finishing highbush blueberry harvest, harvest of broadleaf tobacco in Connecticut; applying vine desiccants to potatoes; cutting dry hay, chopping haylage; irrigating; applying manure.

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**NEW JERSEY:** Days suitable for field work 6.5. Topsoil 83% short, 17% adequate. A low pressure system moved through the region over the weekend, triggering showers, thunderstorms across the state. Although recent rains are helping rebuild water supplies, the drought emergency remains in effect throughout the state. Activities: Equipment repair, harvesting summer vegetables, combining corn, field preparation for fall planting. Producers reported slight improvement in some late planted soybean fields due to recent showers. Field corn harvest was underway in some areas, with many producers reporting low test weights due to the drought. Producers have begun planting winter wheat in some localities. Recent rains improved pasture feed in some areas, although slow regrowth caused livestock producers to continue supplemental feeding.

Some producers expressed concern over the potential for increased nitrate levels in forage, silage due to drought conditions. Vegetable producers reported insect damage in some pepper and sweet corn fields. Problems with cracking were also reported in some tomato, pepper fields due to recent rains. Cantaloupe, cucumber, sweet corn harvest was winding down in some areas. Pumpkin harvest continued, with producers reporting fruit of smaller size than expected. Producers indicated portions of some pumpkin fields may be abandoned due to problems with pollination, disease, drought. Apple harvest continued, with crop condition rated mostly fair. White cranberry harvest began in some areas. Crop condition was rated as mostly good.

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**NEW MEXICO:** Days suitable for field work 5.1. Topsoil 20% very short, 45% short, 27% adequate, 8% surplus. A stationary low pressure system over Arizona helped pump abundant moisture into state from the tropics, combined with a cold front to produce the most significant rain event of the year for a good portion of the state. Besides the hefty totals reported at various stations, radar estimates showed amounts of 2-4 inches over portions of the northeast plains as well as the mountains of the west, southwest. Hail damage was 12% light. Farmers were busy cutting hay, silage, planting wheat, harvesting vegetables when conditions permitted. Corn was in mostly fair to good condition, with denting complete and 60% of the crop mature. 75% of the corn silage was harvested. Cotton 4% very poor, 4% poor, 25% fair, 61% good, 6% excellent, with bolls opening at 61%. Irrigated sorghum was still in fair to good condition, with 73% of the crop coloring, 7% mature. Dryland sorghum coloring progressed to 50%, but the crop remained in very poor to fair condition. Pecans were in fair to excellent condition, with drop listed as 41% below average, 59% average. Green chile was 77% harvested, red was 15%, the apple harvest was 40% finished. Wheat 67% planted, lettuce planting was nearly complete at 95%. Alfalfa 19% very poor, 11% poor, 35% fair, 31% good, 4% excellent, with 81% of the 5<sup>th</sup> cutting and 33% of the 6<sup>th</sup> complete. Cattle were 7% very poor, 21% poor, 46% fair, 26% good. Sheep 2% very poor, 24% poor, 47% fair, 27% good. Ranchers are still culling their stock, supplementing feed where necessary. Range feeds improved with the help of this week's rainfall, and were listed as 28% very poor, 36% poor, 27% fair, 9% good.

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**NEW YORK:** Days suitable 5.8. Topsoil 27% very short, 31% short, 42% adequate. Pasture feed 22% very poor, 36% poor, 32% fair, 10% good. Corn 16% poor, 44% fair, 33% good, 7% excellent. Silage harvest underway most areas. Hay 18% poor, 33% fair, 47% good, 2% excellent. Alfalfa 3<sup>rd</sup> cut 89% complete, 84% 2001. Oats 98% combined, 100% 2001. Pulling, combining dry beans in Monroe County. Lake Ontario Region apples show scarred, spotted fruit, small size due to lack of water. Recent rains should help size later varieties. Niagara grape harvest began Lake Erie Region; wide range of yields reported. Vegetable harvests continue full swing. Pumpkin yields down due to small sizes; prices reported high.

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**NORTH CAROLINA: DATA NOT AVAILABLE:**

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**NORTH DAKOTA:** Topsoil 16% very short, 29% short, 52% adequate, 3% surplus. Subsoil 16% very short, 30% short, 51% adequate, 3% surplus. Crop maturity was advanced by mostly dry conditions, warmer temperatures during the week. Durum wheat 70% combined, 91% 2001, 77% average. Canola 83% combined, 92% 2001, 80% average. Corn for silage 28% chopped, 40% 2001, 28% average. Dry edible beans 84% mature leaves dropping, 92% 2001, 90% average; 43% cut, 52% 2001, 53% average; 21% combined, 32% 2001, 36% average. Flax 64% combined, 84% 2001, 68% average. Potatoes 80% vines killed, 77%

2001, 77% average; 19% dug, 19% 2001, 21% average. Soybeans 93% lower leaves yellowing, 83% 2001, 82% average; 2% combined, 2% 2001, 5% average. Sugarbeets 1% lifted, 3% 2001, 4% average. Sunflower 70% bracts turned yellow, 82% 2001, 74% average; 16% bracts turned brown, 35% 2001, 31% average. Emerged crop conditions: Durum wheat 7% very poor, 22% poor, 45% fair, 26% good, 0% excellent. Dry edible beans 8% very poor, 19% poor, 25% fair, 43% good, 5% excellent. Flaxseed 11% very poor, 17% poor, 32% fair, 37% good, 3% excellent. Potatoes 11% very poor, 14% poor, 39% fair, 31% good, 5% excellent. Sugarbeets 7% very poor, 14% poor, 30% fair, 41% good, 8% excellent. Sunflower 5% very poor, 12% poor, 33% fair, 42% good, 8% excellent. Pasture, range feeds 30% very poor, 27% poor, 27% fair, 15% good, 1% excellent. Stockwater supplies were 20% very short, 22% short, 56% adequate, 2% surplus.

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**OHIO:** Days suitable for fieldwork 6.9. Topsoil 70% very short, 26% short, 4% adequate, 0% surplus. Corn 97% in dough, 99% 2001, 100% avg.; 74% dented, 84% 2001, 84% avg.; 25% mature, 24% 2001, 26% avg.; 1%, harvested for grain 1% 2001, 2% avg.; 54% harvested for silage, 49% 2001, 35% avg. Soybeans 46% dropping leaves, 61% 2001, 53% avg.; 18% mature, 18% 2001, 16% avg.; 1% harvested, 3% 2001, 3% avg. Alfalfa 3<sup>rd</sup> cutting complete 96%, 93% 2001, 90% avg.; 4<sup>th</sup> cutting complete 37%, 39% 2001. Other hay 3<sup>rd</sup> cutting complete 67%, 77% 2001, 69% avg. Fall, winter apples 22%, harvested 19% 2001, 21% avg. Potatoes 61% harvested, 63% 2001, 61% avg. Cucumbers 89% harvested, 88% 2001. Tobacco 74% harvested, 59% 2001, 60% avg. Winter wheat 1% planted, 1% 2001, 0% avg. Processing tomatoes 63% harvested, 66% 2001, 58% avg. Grapes 36% harvested, 37% 2001, 31% avg. Corn 28% very poor, 31% poor, 29% fair, 11% good, 1% excellent. Soybean 25% very poor, 33% poor, 32% fair, 9% good, 1% excellent. Hay 27% very poor, 34% poor, 30% fair, 8% good, 1% excellent. Pasture feed 47% very poor, 32% poor, 18% fair, 3% good, 0% excellent. Weather conditions remained hot, dry during most of last week before rain showers finally moved in over the weekend. The rain will have little impact on the State's maturing corn acreage, but should benefit hay fields, pasture lands, possibly late planted soybeans. Activities: Spreading lime, applying fertilizer, working ground, preparing machinery for upcoming harvest, cleaning grain bins, harvesting potatoes, spreading manure, harvesting hay.

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**OKLAHOMA:** Days suitable for fieldwork 5.5. surplus. Topsoil 10% very short, 32% short, 57% adequate, 1% surplus. Subsoil 18% very short, 35% short, 47% adequate. Winter Wheat 84% seedbed prepared, 79% last week, 84% 2001, 78% avg. Rye 83% seedbed prepared, 78% last week, 84% 2001, 65% avg.; 30% planted, 17% last week, 35% 2001, 20% avg. Oats 74% seedbed prepared, 68% last week, 61% 2001, 66% avg.; 9% planted, 5% last week, 7% 2001, 5% avg. Corn 85% mature, 73% last week, 79% 2001, 72% avg.; 47% harvested, 45% last week, 57% 2001, 47% avg.; 2% very poor, 1% poor, 21% fair, 69% good, 7% excellent. Sorghum 96% headed, 91% last week, 90% 2001, 97% avg. Soybeans 96% setting pods, 92% last week, 88% 2001, 91% avg.; 48% mature, 34% last week, 52% 2001, 43% avg; 22% harvested, 14% last week, 34% 2001, 20% avg.; 1% very poor, 9% poor, 35% fair, 47% good, 8% excellent; Peanuts 44% mature, 40% last week, 27% 2001, 28% avg.; 1% dug, n/a last week, 1% 2001, 1% avg. Alfalfa 91% 4<sup>th</sup> cutting, 78% last week, 59% 2001, 61% avg.; 25% 5<sup>th</sup> Cutting, 18% last week, 23% 2001, 13% avg.; 4% very poor, 7% poor, 28% fair, 54% good, 7% excellent. Other Hay 85% 2<sup>nd</sup> cutting, 81% last week, 64% 2001, 52% avg.; 6% very poor, 10% poor, 26% fair, 49% good, 9% excellent; Livestock 1% very poor, 3% poor, 32% fair, 56% good, 8% excellent; Livestock: Cattle auctions reported a jump in marketings of steers, heifers under 800 pounds. The price for feeder steers less than 800

pounds was up an average of \$1.70 per cwt. from the previous week, averaged \$81.50 per cwt. The price for feeder heifers less than 800 pounds was up an average of 10 cents per cwt. averaged \$76.00 per cwt.

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**OREGON:** Days suitable for fieldwork 6.9. Topsoil 42% very short, 42% short, 16% adequate. Subsoil 41% very short, 43% short, 16% adequate. Winter wheat 3% planted, 0% previous week, 0% 2001, 2% 5 yr avg. Range, Pasture: 27% very poor, 32% poor, 30% fair, 10% good 1% excellent. Activities: Fall field preparation underway statewide. More rain needed for dryland farmers to seed fall grains. Third cutting of alfalfa winding down in Baker, Harney, Klamath, Lake counties. CRP haying opened in Wallowa County. Grain harvest winding down in Klamath County. Field corn being harvested in Malheur County. In Wallowa County, second cutting of hay completed, grain harvest progressing county wide. Fourth cutting of alfalfa underway in Jackson, Marion counties. Grass, clover seed harvest winding down in Marion County. Red clover seed harvest nearing completion, field corn ripening in Washington County. Nurseries continued irrigation. Pots being rotated, some new field stock being planted. Greenhouses busy with fall plants, flowers. Easter lily growers continued with yearling harvest, planting. Pacific Northwest Christmas Tree Growers Association annual meeting well attended last week. Malheur County reported onions, potatoes, green beans being harvested. In Baker, Klamath counties, potato harvest set to begin in a week or two. Willamette Valley growers still harvesting sweet corn, salad vegetables, broccoli. Fresh market vegetable harvest beginning to wane with change in weather. Pumpkin fields maturing. Josephine, Jackson counties reported that harvest for truck gardens, roadside stands continued; onions lifted, drying in fields. Melons being harvested. Bartlett pear harvest has finished in upper Hood River Valley. Gala apple, d'Anjou pear harvest began in lower valley. Berry picking in its final stages in Willamette Valley. Some hazelnuts dropping. Yamhill County peach, plum harvest in full swing. Early wine grape harvest began in Jackson, Josephine counties. Nectarines, peaches, pears, apples continued to be harvested in The Dalles area. Southern coast cranberry growers reported variability in size. Statewide livestock reported in good condition, on supplemental feed. Ranchers bringing their herds to home pastures early, due to poor feed supply in permit areas. Some producers are shipping stockers to feedlots due to shortage of pasture. Ranchers in some areas purchasing, filling barns with hay for winter months. Range, pasture in poor to very poor condition. Forage production looks to be down for year causing a long feeding season. CRP grazing opened in Wallowa County.

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**PENNSYLVANIA:** Days suitable for field work 6.0. Soil 70% very short, 28% short, 2% adequate. Fall plowing 31% complete, 26% 2001, 31% avg. Corn dough 93% complete, 88% 2001, 90% avg.; 79% dent, 74% 2001, 65% avg.; 40% mature, 8% 2001, 21% avg.; 17% harvested, 7% 2001, 5% avg.; 74% silage harvested complete, 37% 2001, 31% avg.; 38% very poor, 29% poor, 25% fair, 8% good. Barley 17% planted, 8% 2001, 17% avg. Winter wheat 13% planted, 3% 2001, 10% avg.; 5% emerged, 2% 2001, 2% avg. Soybean 25% very poor, 27% poor, 30% fair, 18% good. Tobacco 92% harvested, 68% 2001, 77% avg. Potatoes 55% harvested, 37% 2001, 39% avg. Alfalfa 3rd cutting 91% complete, 90% 2001, 81% avg.; 4th cutting 54% complete, 48% 2001, 47% avg. Timothy clover 2nd cutting 85% complete, 94% 2001, 88% avg. Apple 2% very poor, 12% poor, 42% fair, 44% good, 0% excellent; 40% harvested, 25% 2001, 34% avg. Grapes 17% harvested, 13% 2001, 12% avg. Quality of hay made 3% very poor, 8% poor, 34% fair, 35% good, 20% excellent. Pasture feeds 55% very poor, 31% poor, 12% fair, 2% good. Activities: Harvesting grains; harvesting fruits, vegetables; harvesting forages, baling straw; fixing fences; machinery maintenance; preparing fall harvest equipment; fall tillage; cleaning barns; hauling,

spreading manure; caring for livestock; scouting fields; fertilizing; attending county fairs, farm meetings.

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**SOUTH CAROLINA:** Days suitable for field work 5.2. Soil 7% very short, 19% short, 64% adequate, 10% surplus. Corn 91% harvested, 70% 2001, 82% avg.; 48% very poor, 33% poor, 16% fair, 3% good. Soybeans 99% bloomed, 99% 2001, 99% avg.; 83% pods set, 89% 2001, 89% avg.; 25% leaves turning color, 21% 2001, 19% avg.; 9% leaves dropped, 8% 2001, 8% avg.; 3% mature; 14% very poor, 28% poor, 38% fair, 19% good, 1% excellent. Sorghum 100% headed, 99% 2001, 100% avg.; 95% turned color, 90% 2001, 91% avg.; 72% matured, 59% 2001, 62% avg.; 52% harvested, 37% 2001, 40% avg.; 9% very poor, 25% poor, 26% fair, 40% good. Cotton 99% bolls set, 99% 2001, 99% avg.; 51% bolls opened, 48% 2001, 50% avg.; 4% harvested, 5% 2001, 3% avg.; 14% very poor, 35% poor, 44% fair, 7% good. Peanuts 10% harvested, 15% 2001, 12% avg.; 6% very poor, 33% poor, 34% fair, 22% good, 5% excellent. Winter Wheat 5% planted, 5% 2001, 5% avg. Pastures 10% very poor, 21% poor, 44% fair, 24% good, 1% excellent. Sweet potatoes 19% harvested, 20% 2001, 18% avg.; 6% poor, 54% fair, 40% good. Tobacco 95% harvested, 95% 2001, 95% avg; Tobacco 69% stalks destroyed, 64% 2001, 67% avg.; 10% very poor, 14% poor, 38% fair, 38% good. Hay 97% harvested, 98% 2001, 98% avg.; 26% very poor, 28% poor, 35% fair, 11% good. Peaches 99% harvested, 100% 2001, 100% avg.; 3% poor, 34% fair, 49% good, 14% excellent. Apples 36% harvested, 36% 2001, 44% avg.; 48% fair, 51% good, 1% excellent. Livestock 2% very poor, 8% poor, 48% fair, 41% good, 1% excellent. Pecans 50% fair, 50% good. Winter Grazings 18% planted, 15% 2001, 16% avg.; 10% emerged, 4% 2001, 8% avg.

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**SOUTH DAKOTA:** Days suitable for field work 5.4. Topsoil 18% very short, 30% short, 51% adequate, 1% surplus. Subsoil 32% very short, 33% short, 35% adequate. Feed supplies 29% very short, 34% short, 36% adequate, 1% surplus. Stock water supplies 35% very short, 26% short, 37% adequate, 2% surplus. Winter Rye 42% planted, 30% 2001, 35% avg.; 10% emerged, 4% 2001, 14% avg. Sunflower 30% very poor, 20% poor, 35% fair, 14% good, 1% excellent. Soybeans 20% mature, 20% 2001, 21% avg. Sorghum harvested-grain 6%, 4% 2001, 3% avg. Sunflower ray flowers dry 88%, 94% 2001, 91% avg. Sunflower bracts yellow 64%, 74% 2001, 73% avg. Sunflower mature 20%, 17% 2001, 21% avg. Sunflower harvested 2%, 1% 2001, 2% avg. Cattle 5% very poor, 9% poor, 32% fair, 48% good, 6% excellent. Sheep 4% very poor, 7% poor, 29% fair, 55% good, 5% excellent. Range, Pasture 34% very poor, 27% poor, 23% fair, 15% good, 1% excellent. Corn silage harvested 57%, 66% 2001, 51% avg. Sorghum silage harvested 51%, 45% 2001, 31% avg. Alfalfa hay 43% very poor, 18% poor, 22% fair, 15% good, 2% excellent. Alfalfa hay 3rd cutting harvested 68%, 60% 2001, 54% avg. Much welcomed precipitation, slightly above normal temperatures moved across the state. Activities: Cutting silage, third cutting alfalfa, fixing fences, working ground prior to seeding winter wheat, preparing for harvesting, working calves, moving cattle to market. Topsoil moisture conditions are slightly higher than the previous week, while subsoil moisture remained similar to last week. Livestock remain in mostly fair to good condition again this week. Range, pastures remain in mostly very poor to poor condition.

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**TENNESSEE:** Days suitable for fieldwork 6.0. Topsoil 35% very short, 43% short, 22% adequate. Subsoil 35% very short, 44% short, 21% adequate. Burley 72% harvested, 80% 2001, 74% avg. Dark-air cured 84% harvested, 91% 2001, 84% avg. Dark-fire cured 76% harvested, 83% 2001, 76% avg. Pastures 28% very poor, 37% poor, 26% fair, 8% good, 1% excellent. Farmers across the State used the sun-filled days of the previous week to push their harvest efforts into high gear. Tobacco

growers made excellent headway, as harvest for all types stands at or near the normal pace. Pastures continued to deteriorate in the persistent hot, dry weather. The feeding of hay continued, as did early marketing of cattle. Available water supply for livestock was a major concern, especially in the East. Fall seedings are being delayed in many areas because of a lack of moisture. Temperatures averaged above normal for the week, while rainfall averaged below normal across the east half, above normal across the west half

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**.TEXAS:** Agricultural Summary: During early week, slow moving Tropical Storm Fay continued to drop large amounts of rain on areas of South state, Lower Rio Grande Valley, the Edwards Plateau. This storm added several inches of rain to areas that had been in desperate need. Local flash flooding was reported in areas where downpours were heavy. Widely scattered showers also fell in areas of the Plains, North state, but amounts varied widely. Temperatures were milder for most of week in most areas. By week's end, another group of storms brought more rain to many of the same areas. Land preparation and fall planting continued where field work was possible. Harvest of remaining summer crops was delayed in areas affected by storms. Hay harvest continued across some areas of the state. Supplemental feeding remained necessary in some areas, but was easing as pastures were improving. Insect, armyworm pressure was on the increase, but varied from location to location. Small Grains: Planting, land preparation of wheat, oats, other pasture grains made some progress where conditions allowed. Wheat emergence was satisfactory in areas where moisture has been adequate. In some areas, moisture levels were short, needed to improve for proper emergence, development. Insects, armyworms were increasing after recent rains. Corn: More fields were nearing maturity in the High Plains, harvest progressed where conditions allowed. Harvest in the Blacklands was virtually done. Harvest of corn silage was mostly complete as well. Cotton: Producers in the Southern High Plains were beginning to apply harvest aids, defoliants primarily to dryland acres. Cooler temperatures were reducing heat units to developing crop, but maturity has been ahead of or on schedule. More, more counties harvested, ginned their first bale. Rain delays affected harvest in most areas. Stalk destruction was active in areas where harvest had been completed. Cotton 65% of normal, 47% 2001. Sorghum: Harvest continued across northern areas of the state as more of the crop was turning color and drying down. Some delays were experienced as the result of passing showers. Some acreage was being cut for silage or baled for hay. Sorghum 57% of normal compared with 43% 2001. Peanuts: Most peanuts were in good condition, approaching maturity in most areas. Some problem with diseases has been present in some areas. Prior to last week's showers, some peanuts were being dug. On the Plains, harvest of Spanish varieties was beginning. Peanut 84% of normal, 69% 2001. Soybeans: Harvest was nearing completion in most locations. Rice: Harvest was complete in most areas. Harvest of remaining acreage was delayed by wet conditions. In the Rio Grande Valley most field activity was suspended due to wet conditions. Many area areas received several inches of rain. In the San Antonio-Winter Garden limited planting continued for fall crops of spinach, cabbage, carrot, onions. Some heavy downpours affected some of the vegetable acreage, including green beans, cucumbers. In East state Harvest of sweet potatoes continued with many growers reporting very favorable yields, quality this season. Late watermelon acreage was progressing well despite some deer damage. Harvest was still ongoing. In the High Plains watermelons harvest continued for later planted fields, but some acreage was being abandoned due to slow market movement. Cucumber harvest was nearing completion and pumpkin harvest was beginning to gain momentum. Pecans: Development, maturity continued in most areas of the state, however production prospects vary from region to region. Producers were monitoring pecan weevils in some locations, d were

spraying insecticides accordingly. Some black aphid damage was reported in north central areas. Earlier hail damage may affects production in some West state locations. Some early pecans were being harvested. Range, Livestock: Range, pasture recovery was more evident in areas where recent rains have been plentiful. The rain received in central, southern areas from the remnants of Tropical Storm Fay had improved pasture feeds. Haying activities continued in a few areas. Other areas may get another cutting because of recent moisture. Armyworm populations remained active in some pastures. Supplemental feeding was easing in some areas, but was necessary across drier areas of the state where pastures remained in poorer condition. Some range, pastures remained dormant. Many producers were weaning, working, shipping cattle. Some ranchers were busy shearing goats, marketing lambs. Many stock tanks were recharged by moisture from recent storms.

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**UTAH:** Days suitable for field work 5. Topsoil 20% very short, 45% short, 35% adequate. Subsoil 41% very short, 36% short, 23% adequate. Winter wheat 17% planted for harvest, 27% 2001, 27% avg. Oats harvested for grain 91%, 99% 2001, 89% avg. Corn dough stage 89%, 90% 2001, 83% avg.; 62%, dent stage 56% 2001, 41% avg.; 35% mature, 28% 2001, 11% avg; 15% harvested for silage, 28% 2001, 17% avg.; 3% very poor, 6% poor, 35% fair, 45% good, 11% excellent. Alfalfa hay 3rd cutting 79%, 83% 2001, 74% avg.; 4th cutting 10%, 32% 2001, 19% avg; seed harvested 33%, 29% 2001, 29% avg. Onions 46% harvested, 54% 2001, 36% avg. Potatoes 10% harvested, 40% 2001, 17% avg. Apples picked 8%, 22% 2001, 18% avg. Peaches picked 87%, 76% 2001, 74% avg. Pears picked 84%, 58% 2001, 64% avg. Cattle 4% very poor, 14% poor, 42% fair, 34% good, 6% excellent. Sixty-four percent of cattle have been moved from summer ranges, 54% of sheep have been moved. Sheep 11% poor, 40% fair, 44% good, 5% excellent. Range, Pasture feed 41% very poor, 31% poor, 25% fair, 3% good. Irrigation water supplies 55% very short, 34% short, 11% adequate. Stock water supplies 44% very short, 37% short, 19% adequate. Cutting third crop alfalfa hay, planting winter wheat, harvesting silage corn, picking fruits and vegetables were some of the activities Utah farmers were engaged in last week. Rain showers fell on many parts of the state throughout the week with some areas reporting more than 2 inches. In some areas rainfall has helped replenish stock water supplies. Temperatures ranged from the mid 70's to mid 80's with 90's in southwest Utah. Rain showers have caused some delay in cutting hay, planting winter wheat, harvesting silage corn but farmers have been happy to trade this delay for the rain. Peach and pear harvests continued last week but onion harvest was slowed down by the rain. Apple harvest has begun at some orchards, should pickup in the coming weeks. Range grasses responded immediately to the rainfall by sending up new growth. Those ranchers that did not sell cattle, sheep herds during the difficult summer months expressed relief that fall pasture feed have improved. County agents remarked that the rain has improved both summer, fall grazing lands, that producers are much more optimistic about being able to sustain their herds then they were just a few weeks ago.

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**VIRGINIA:** Days suitable for fieldwork 6.4. Topsoil moisture 34% very short, 33% short, 32% adequate, 1% surplus. Subsoil 52% very short, 31% short, 17% adequate. Pasture 35% very poor, 29% poor, 24% fair, 12% good. Livestock 2% very poor, 16% poor, 35% fair, 43% good, 4% excellent. Other Hay 35% very poor, 32% poor, 23% fair, 10% good. Alfalfa Hay 16% very poor, 31% poor, 36% fair, 17% good. Corn 27% very poor, 40% poor, 21% fair, 11% good, 1% excellent. Corn 97% dent, 88% 2001, 84% 5-yr avg. Corn 83% mature, 61% 2001, 64% 5-yr avg. Corn 37% harvested, 27% 2001, 23% 5-yr avg. Corn silage 75%, 54% 2001, 53% 5-yr avg. Soybeans 28% very poor, 31% poor, 25% fair, 14% good, 2% excellent. Soybeans 97% setting pods, 99% 2001, 92% 5-yr

avg. Soybeans 20% dropping leaves, 13% 2001, 11% 5-yr avg. Winter Wheat 4% seeded, 2% 2001, 1% 5-yr avg. Barley 5% seeded, NA 2001, 1% 5-yr avg. Flue tobacco 3% very poor, 14% poor, 35% fair, 48% good. Flue tobacco 48% harvested, 73% 2001, 60% 5-yr avg. Burley tobacco 78% harvested, 76% 2001, 66% 5-yr avg. Dark Fire Cured tobacco 87% harvested, 86% 2001, 83% 5-yr avg. Sun tobacco 99% harvested, 84% 2001, 84% 5-yr avg. Peanuts 5% very poor, 24% poor, 39% fair, 28% good, 4% excellent. Cotton 6% very poor, 28% poor, 32% fair, 32% good, 2% excellent. Cotton 66% opening bolls, 29% 2001, 48% 5-yr avg. Cotton 3% harvested, NA 2001, NA 5-yr avg. Apples 10% very poor, 9% poor, 51% fair, 30% good. Fall Apples 42% harvested, 30% 2001, 22% 5-yr avg. Winter Apples 23% harvested, 9% 2001, 2% 5-yr avg. Most of state received some passing showers this week. Some counties reported good rains this weekend from Tropical Storm Hannah, while others saw little to no rain at all. The spotty rain seemed to help some pastures, hay fields, but water levels remain low. Corn harvest continued this week with erratic yields reflecting the dry, hot weather effects. Tobacco is yellowing up. Some soybeans are still losing leaves, but trying to bloom again. Activities: Feeding hay, marketing livestock, checking water supplies, planting fall vegetable crops, scouting, spraying soybeans, peanuts, assessing corn damage, preparing peanut equipment, drying facilities for peanut harvest

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**WASHINGTON:** Days suitable for fieldwork 7.0. Topsoil 15% very short, 55% short, 30% adequate. Subsoil 5% very short, 40% short, 55% adequate. Irrigation water supply was 1% very short, 3% short, 96% adequate. The highest temperature in the state was 97° in Colville. The lowest temperature in the state was 38° in Deer Park and Whitman Mission. Winter wheat 100% harvested, 65% planted, 30% emerged. Spring wheat 100% harvested. Barley 100% harvested. Winter wheat seeding progressed in many counties. Some farmers delayed seeding winter wheat, hoping for rain to germinate winter annual weeds prior to seeding. Corn maze season began on most farms in western Washington. Field corn 9% fair, 91% good. Corn for silage 22% harvested. Dry edible bean 5% fair and 95% good. Dry edible beans were 27% harvested. Potatoes were 68% harvested. Pasture and range conditions continued to suffer from lack of topsoil moisture. Hay, other roughage 10% short, 90% adequate. Alfalfa 3rd cutting 99% complete. Range, pasture feeds 10% very poor, 34% poor, 45% fair, and 11% good. Berry harvest neared completion in the west. In the central region, fruits, vegetables, hops continued to be harvested

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**WEST VIRGINIA:** Days suitable for fieldwork 6.2. Topsoil 50% very short, 44% short, 6% adequate, 48% very short, 43% short, 9% adequate last week, 7% very short, 41% short, 51% adequate, 1% surplus in 2001. Corn 5% very poor, 13% poor, 38% fair, 40% good, 4% excellent; 91% doughing, 85% last week, 93% 2001, 93% 5-yr avg.; 75% dent, 47% last week, 70% 2001, 66% 5-yr avg.; 44%, mature 26% last week, 23% 2001, 33% 5-yr avg.; 3%, harvested for grain 0% last week, 20% 2001. Soybeans 5% very poor, 13% poor, 35% fair, 47% good, 70% dropping leaves, 41% last week, 44% 2001, 54% 5-yr avg. Winter wheat 30%, planted 7% last week, 11% 2001, 11% 5-yr avg. Tobacco 7% poor, 30% fair, 63% good; 68% harvested, 28% last week, 68% 2001, 68% 5-yr avg. Hay 10% very poor, 31% poor, 38% fair, 21% good; 2<sup>nd</sup> cut 96%, 93% last week, 94% 2001, 91% 5-yr avg.; 3<sup>rd</sup> cut 68%, 55% last week, 66% 2001, 58% 5-yr avg. Apple 100% fair; 30% harvested, 26% last week. Peaches 85% harvested, 82% last week,. Cattle, calves 6% poor, 25% fair, 64% good, 5% excellent. Sheep, Lambs, 19% poor, 27% fair, 51% good, 3% excellent. Weather permitted farmers to continue with

field work, harvesting tobacco, fruits, vegetables. Crop, livestock conditions continue to worsen. Temperatures averaged above normal across the state even with a cold front quickly moving through which brought the first reported light frost. Rainfall in most areas was negligible until the weekend when many areas received about 0.7 inches. Early feeding of hay to livestock continues, concerns for water supplies remain even with the rain. Water hauling common

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**WISCONSIN:** Days suitable for fieldwork 6.0. Soil 4% very short, 20% short, 72% adequate, 4% surplus. State again experienced a warmer than normal week. Temperatures were mostly 5 to 7° above normal throughout the state. Rainfall was negligible to light across the state; amounts were reported to be under .5 inch for the week in most areas. The dry weather shortened soil moisture ratings in the south, southeast, where rain is needed and helped to dry out surplus ratings in the north, northwest. The continued warm weather has helped to advance crop ratings for corn, soybeans, which experienced a cool, wet spring. The growing degree days total is above the normal across the state. The good weather advanced early fall harvest of hay, especially corn silage. Soybeans advanced rapidly with the unseasonably warm weather, corn hastened towards maturity. Normal first frost date is near for the northern tier of state, but should not be of serious concern for most crops. Pasture feed conditions were mostly unchanged for the week.

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**WYOMING:** Days suitable for fieldwork 5.8. Topsoil 52% very short, 31% short, 17% adequate. Irrigation water supply 53% very short, 30% short, 17% adequate. Corn 8% very poor, 19% poor, 27% fair, 44% good, 2% excellent. Sugarbeet 8% very poor, 11% poor, 30% fair, 46% good, 5% excellent. Dry beans 10% very poor, 16% poor, 38% fair, 33% good, 3% excellent. Barley 94% harvested, 98% 2001, 93% average. Spring wheat 97% mature, 100% 2001, 100% avg.; 93% harvested, 97% 2001, 94% average. Oats 97% mature, 100% 2001, 99% avg.; 84% harvested, 95% 2001, 88% avg. Dry Beans 97% leaves turning, 100% 2001, 100% avg.; 51% windrowed, 72% 2001, 80% avg.; 28%, combined 47% 2001, 47% avg. Corn 90% dough, 100% 2001, 98% avg.; 62% dented, 87% 2001, 84% avg.; 39% mature, 56% 2001, 40% avg.; 51% silage, 62% 2001, 48% average. Alfalfa 2<sup>nd</sup> cutting 91%, 99% 2001, 95% avg.; 3<sup>rd</sup> cutting 21%, 76% 2001, 40% average. Range, pasture feed 55% very poor, 25% poor, 16% fair, 4% good. Livestock condition 1% very poor, 10% poor, 41% fair, 47% good, 1% excellent.