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# Weekly Weather and Crop Bulletin State Stories

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**ALABAMA:** Days suitable for fieldwork were 5.6. Topsoil moisture 9% very short, 34% short, 56% adequate, and 1% surplus. Corn dough 99%, 93% last week, 87% 2011, and 88% five-year average; dented 84%, 70% last week, 59% 2011, and 63% five-year average; mature 60%, 42% last week, 13% 2011, and 22% five-year average; harvested 11%, 6% last week, 1% 2011, and 3% five-year average; condition 14% very poor, 24% poor, 36% fair, 26% good. Soybeans blooming 92%, 81% last week, 73% 2011, and 75% five-year average; setting pods 52%, 42% last week, 32% 2011, and 42% five-year average; dropping leaves 1%, 0% last week, 0% 2011, and 2% five-year average; condition 4% very poor, 11% poor, 47% fair, 35% good, and 3% excellent. Livestock condition 2% very poor, 9% poor, 32% fair, 51% good, and 6% excellent. The week's average mean temperatures ranged from 78.7 F in Centreville, to 84.6 F in Muscle Shoals; total precipitation ranged from 0.20 inches in Crossville, to 6.36 inches in Bessemer. Widely scattered showers provided substantial rainfall in many areas. The conditions of pastures and hay field have improved with recent rains. Some producers have filed losses on corn, while harvesting continues to progress in some locations. Fall armyworm reports were increasing across the Northeast region as farmers begin scouting fields. Insect and disease pressure has also increased in Mobile County.

**ALASKA:** Days suitable for fieldwork 5.5. Topsoil moisture 10% short, 90% adequate. Subsoil moisture 10% short, 90% adequate. Barley 20% turning color. Oats 40% in dough. Hay 90% harvested. Wind or rain damage 95% none, 5% light. Condition of barley 10% fair, 60% good, 30% excellent. Condition of oats 15% fair, 60% good, 25% excellent. Condition of all hay 5% poor, 45% fair, 45% good, 5% excellent. Condition of potatoes 20% fair, 70% good, 10% excellent. Farm activities included harvesting hay and grass seed, weed control, CRP maintenance, working fallow ground, equipment repair.

**ARIZONA:** Temperatures were generally above average across the State for the week ending August 5th, ranging from 4 degrees below normal at Parker to 6 degrees above normal at the Grand Canyon. The highest temperature of the week was 111 degrees at Paloma, Phoenix and Roll. The lowest reading was 49 degrees at the Grand Canyon. All but two of the 21 weather stations recorded precipitation for the week ending August 5th. Buckeye and Winslow received the least at 0.01 inches and Flagstaff received the most at 1.26 inches. Alfalfa conditions continue to range from fair to excellent across the State. Alfalfa harvesting is active on over three-quarters of the growing area across the State Arizona. Arizona growers shipped watermelons last week. Recent monsoonal storms around the State have improved rangeland and pasture conditions. Green forage is evident but still sparse and spotty, depending on location. Grazing areas remain in mostly very poor to fair condition.

**ARKANSAS:** Days suitable for fieldwork 6.8. Topsoil moisture 53% very short, 38% short, 9% adequate. Subsoil moisture 60% very short, 31% short, 9% adequate. Corn 100% dough, 97% 2011, 95% avg; 97% dent, 88% 2011, 80% avg; 72% mature, 39% 2011, 25% avg; 16% harvested, 1% 2011, 1% avg; condition 4% very poor, 10% poor, 23% fair, 48% good, 15% excellent. Rice 12% ripe, 1% 2011, 2% avg. Sorghum 33% mature, 5% 2011, 9% avg; 7% harvested, 0% 2011, 0% avg. Soybeans 9% yellowing, 1% 2011, 2% avg; 3% shedding, 0% 2011, 0% avg. The drought and hot weather continued throughout Arkansas. By Tuesday, July 31, 2012, 44.5 percent of the state was under exceptional drought conditions according to the U.S. Drought Monitor. Some producers were ending irrigation for corn, rice and soybeans in preparation for harvest. Livestock were in fair condition. Pasture and range conditions were mostly very poor to poor.

**CALIFORNIA:** Hot weather promoted rapid crop development. Cotton continued to show good fruit retention and fruit development. Cotton bolls started to open in early planted fields. Reporters noted an unusually low amount of pest pressure on the crop, however, producers continued to monitor the crops. Corn for grain was growing well; while corn for silage was being harvested. Cotton and rice crops were rated mostly good to excellent. Rice crop was progressing well due to favorable weather conditions, with over a third of rice fields headed. Alfalfa continued to be cut, raked and baled. Row crops were being cultivated. The peach, nectarine and fresh plum harvests continued as the apricot harvest was winding down. Cling peach harvest was ongoing as size and quality were very good. Prunes were progressing well in the Sacramento Valley, as irrigation and potassium applications were ongoing. Table grape harvest continued, with Flame Seedless and Summer Royal varieties being harvested in the San Joaquin Valley. Thompson grape harvest began. Wine grapes were coloring and sugaring as harvest in the San Joaquin Valley was expected to start in a few weeks. Harvest started in a few early champagne grape vineyards. Gala apple harvest continued. Bartlett pear harvest was picking up throughout the state. Kiwi, fig, jujube, olive and pomegranate fruit continued to develop. Strawberries and blackberries were being picked and packed. Blueberry harvest was nearly complete. The harvest of Valencia oranges slowed. Ethylene gas was being used on Valencia oranges due to re-greening fruit. Almond hull split continued while harvest started some in Nonpareils. There was also good developmental progress in walnut, pistachio and pecan orchards. Walnuts were sprayed for weeds, codling moth and huck fly. Pistachio nut fill continued as growers were seeing some nut splitting. Tulare County reported summer vegetables including melons, tomatoes, beans, peppers, squash, eggplant and gourds were being harvested. In Fresno County, processing tomatoes, carrots, onions and garlic were being harvested. There were a few reports of worms in tomatoes. San Joaquin County reported onions, watermelon, bell peppers, eggplant and tomatoes were being harvested. Pumpkins were being planted. Non-irrigated rangeland continued to deteriorate. Range conditions were reported to be fair to poor with some in very poor condition. Irrigated pastures were in good condition. Supplemental feeding increased. Cattle and sheep grazed idle fields, dry land grain and alfalfa fields. Bees worked melon, squash and sunflower fields.

**COLORADO:** Days suitable for field work 6.7 days. Topsoil moisture 51% very short, 40% short, 9% adequate. Subsoil moisture 59% very short, 35% short, 6% adequate. Alfalfa 2nd cutting 82%, 74% 2011, 75% avg; 3rd cutting 24%, 5% 2011, 4% avg; condition 21% very poor, 20% poor, 30% fair, 27% good, 2% excellent. Barley turning color 88%, 84% 2011, 89% avg; harvested 17%, 19% 2011, 17% avg; condition 1% very poor, 4% poor, 22% fair, 69% good, 4% excellent. Spring wheat turning color 91%, 72% 2011, 76% avg; harvested 18%, 7% 2011, 11% avg; condition 11% very poor, 17% poor, 21% fair, 49% good, 2% excellent. Fall potatoes condition 20% fair, 80% good. Summer potatoes harvested 19%, 0% 2011, 0% avg; condition 11% very poor, 13% poor, 61% fair, 15% good. Sugarbeets condition 3% very poor, 11% poor, 26% fair, 50% good, 10% excellent. Dry onions harvested 4%, 0% 2011, 0% avg; condition 1% very poor, 3% poor, 29% fair, 64% good, 3% excellent. Dry beans flowered 69%, 52% 2011, 68% avg; condition 11% very poor, 21% poor, 47% fair, 21% good. Sunflowers condition 19% very poor, 24% poor, 27% fair, 27% good 3% excellent. Livestock condition 6% very poor, 14% poor, 45% fair, 34% good, 1% excellent. Dry and windy conditions prevailed with above average temperatures. CRP land was released for grazing and

hay. Non-irrigated crops and rangeland condition continue to decline. Water reserve concerns remain, irrigated crops continue to progress ahead of schedule.

**DELAWARE:** Days suitable for fieldwork 5.6. Topsoil moisture 28% very short, 46% short, 26% adequate. Subsoil moisture 42% very short, 46% short, 12% adequate. Hay supplies 1% very short, 21% short, 62% adequate, 16% surplus. Other Hay Second Cutting 96%, 97% 2011, 97% avg; Third Cutting 35%, 19% 2011, 20% avg. Alfalfa Hay Third Cutting 75%, 43% 2011, 49% avg; Fourth Cutting 15%, 0% 2011, 0% avg. Corn condition 18% very poor, 24% poor, 34% fair, 18% good, 6% excellent. Soybeans condition 7% very poor, 17% poor, 36% fair, 33% good, 7% excellent. Apples condition 1% very poor, 5% poor, 47% fair, 35% good, 12% excellent. Peaches condition 2% very poor, 5% poor, 47% fair, 35% good, 11% excellent. Corn silked 100%, 100% 2011, 98% avg; dough 71%, 95% 2011, 61% avg; dent 30%, 27% 2011, 18% avg; mature 0%, 0% 2011, 2% avg. Corn harvested for silage 10%, 0% 2011, 0% avg. Soybeans blooming 84%, 84% 2011, 61% avg; setting pods 45%, 39% 2011, 33% avg. Cantaloupes harvested 63%, 61% 2011, 48% avg. Cucumbers harvested 64%, 64% 2011, 57% avg. Lima Beans (Processed) harvested 51%, 20% 2011, 15% avg. Potatoes harvested 74%, 59% 2011, 50% avg. Snap Beans harvested 67%, 65% 2011, 63% avg. Sweet Corn harvested 62%, 59% 2011, 59% avg. Tomatoes harvested 50%, 38% 2011, 37% avg. Watermelons harvested 61%, 61% 2011, 48% avg. Apples harvested 41%, 42% 2011, 17% avg. Peaches harvested 90%, 69% 2011, 59% avg. Scattered thunderstorms helped soybeans. Corn that reached full maturity is beginning to dry down. Well managed pastures that have received rain continue to have good forage, while pastures and hay fields that have been missed by storms are dormant.

**FLORIDA:** Topsoil moisture 1% very short, 19% short, 78% adequate, 2% surplus. Subsoil moisture 3% very short, 23% short, 72% adequate, 2% surplus. Levy, Gilchrist counties; starting to harvest peanuts. Washington County; corn harvesting underway; peanuts, cotton, soybeans progressing nicely. Madison County; corn harvest underway. Vegetable growers increasing pace of land preparation, fumigating and laying plastic for fall crop. Avocados, mangoes, longans marketed in southern Miami-Dade County. Harvesting, replanting okra and sweet potatoes. Citrus fertilizer application, summer oil spraying, young tree care and grove maintenance were the primary grove activities. Cattle Condition 1% very poor, 1% poor, 19% fair, 73% good, 6% excellent. Statewide; most pasture in good condition, improved due to frequent rainfall. Some pasture limited by drought, disease, insect pressure. Cattle condition very poor to good, most good. Panhandle; pasture condition very poor to excellent, most good. Pasture condition in Okaloosa County declined due to insects, disease, drought. Washington County, cattle condition good, pasture production good. North; conditions of pasture, cattle fair to excellent, most in good condition. Central; pasture, cattle condition poor to excellent, most in good condition. Cattle condition very poor to excellent, most good. Southwest; pasture, cattle condition fair to excellent condition, most good. Stock-pond water levels at some locations remained low.

**GEORGIA:** Days suitable for fieldwork 5.6. Topsoil moisture 8% very short, 38% short, 49% adequate, 5% surplus. Subsoil moisture 18% very short, 45% short, 35% adequate, 2% surplus. Corn 6% poor, 20% fair, 56% good, 18% excellent. Hay Second Cutting 88%, 65% 2011, N/A avg. Sorghum 4% very poor, 10% poor, 42% fair, 39% good, 5% excellent. Soybeans 3% very poor, 9% poor, 35% fair, 48% good, 5% excellent. Tobacco 2% very poor, 8% poor, 27% fair, 51% good, 12% excellent. Tobacco Harvested 42%, 38% 2011, 38% Avg. Precipitation estimates for the state ranged from no rain up to 5.1 inches. Average high temperatures ranged from the mid 70's to the low 90's. Average low temperatures ranged from the mid 60's to the mid 70's.

**HAWAII: DATA NOT AVAILABLE**

**IDAHO:** Days suitable for field work 6.9. Topsoil moisture 12% very short, 30% short, 58% adequate. Spring wheat turning color 93%, 58% 2011, 73% avg. Barley turning color 95%, 65% 2011, 77% avg. Oats harvested for grain 43%, 0% 2011, 14% avg. Dry peas harvested 6%, 4% 2011, 19% avg. Lentils harvested 0%, 0% 2011, 6% avg. Alfalfa hay 2nd cutting harvested 79%, 61% 2011, 68% avg; 3rd cutting harvested 24%, 1% 2011, 12% avg. Mint 1st cutting harvested 39%, 4% 2011, 31% avg. Irrigation water supply 5% very poor, 7% poor, 18% fair, 56% good, 14% excellent. Potato condition 14% fair, 64% good, 22% excellent. The Franklin extension educator reports grain harvest is well underway and winter wheat yields are very poor.

**ILLINOIS:** Days suitable for fieldwork 6.3. Topsoil moisture 72% very short, 23% short, 5% adequate. Subsoil moisture 81% very short,

18% short, 1% adequate. Corn 1% harvested. Soybeans 1% turning yellow. Oats 99% ripe, 96% 2011, 94% average; 97% harvested, 84% 2011, 81% average. Alfalfa 74% third cut, 40% 2011, 37% average. Temperatures across the state remained above normal last week and for the first time in several weeks, precipitation made its way above normal as well. Statewide temperatures averaged 80.6 degrees, 6.7 degrees above normal. Precipitation totaled 1.06 inches, 0.23 inches above normal. The main activities for the week included spraying for spider mites, chopping silage, cutting hay on newly released CRP grounds, and harvesting corn in some areas.

**INDIANA:** Days suitable for fieldwork 6.3. Topsoil moisture 61% very short, 28% short, 11% adequate. Subsoil moisture 68% very short, 27% short, 5% adequate. Alfalfa third cutting 66%, 11% 2011, 17% avg. Temperatures ranged from 10 to 80 above normal with a low of 52o and a high of 101o. Precipitation ranged from 0.01 to 2.94 inches. Sparse to significant rain across the state with some instances of severe weather. The precipitation is expected to benefit pastures and alfalfa fields but much more rain is needed. The rains also assisted farmers working to control spider mites. There were some reports of downed corn after storms moved through the state. Concerns over water supply rose as some wells ran dry along with creeks and small ponds. Ears have been dropping, but true progress has been difficult given extreme conditions and wide variability between fields.

**IOWA:** There were 6.4 days suitable for fieldwork statewide during the past week. Topsoil moisture levels improved slightly to 66 percent very short, 27 percent short, 7 percent adequate. Subsoil moisture is rated at 71 percent very short, 25 percent short, 4 percent adequate. Iowa farmers welcomed widespread rainfall for the second straight week with the heaviest precipitation in East Central and South Central Iowa. Both corn and soybean conditions declined slightly for the week. The week's activities included spraying crops and chopping corn.

**KANSAS:** Days suitable for fieldwork 6.6. Topsoil moisture 69% very short, 25% short, 6% adequate. Subsoil moisture 67% very short, 28% short, 5% adequate. Corn harvested for grain or seed 7%, 0% 2011, 0% avg. Sunflowers bloomed 45%, 45% 2011, 41% avg; ray flowers dried or dropped 7%, 2% 2011, 1% avg; condition 17% very poor, 28% poor, 43% fair, 11% good, 1% excellent. Alfalfa third cutting 80%, 57% 2011, 61% avg; fourth cutting 10%, 0% 2011, 1% avg. Feed grain supplies 19% very short, 26% short, 53% adequate, 2% surplus. Hay and forage supplies 35% very short, 37% short, 27% adequate, 1% surplus. Stock water supplies 40% very short, 32% short, 28% adequate. Last week, producers in North Central and Northeast Kansas received some much needed rain and all of the State saw some relief from the sweltering temperatures. Fifteen stations received over one-half inch of rain with six of those getting over an inch. Beloit led the state with 1.61 inches, followed by Belleville with 1.52 inches, and Baileyville with 1.48 inches. All but one station, Belleville with 99 degrees, had weekly high temperatures over 100 degrees. Many set new high temperature records early in the week with the hottest being 112 degrees recorded at Ashland and Winfield. Average temperatures ranged from 2 degrees above normal at Concordia to 14 degrees above normal at Winfield. Only the North Central District averaged less than 6 days suitable for fieldwork. The condition of all Kansas row crops except cotton continued to deteriorate last week with the continued high temperatures and only scattered rainfall. This continues to be the worst corn condition since the current data series began in 1985. All districts reported corn in the mature stage. Almost half of the Southeast district corn has been harvested. All districts except the Northwest showed sorghum coloring. Kansas producers were continuing to thin herds and pull cattle off pastures early and were having to haul water to remaining herds. Almost all Kansas counties have had disaster declarations while emergency haying and grazing programs opened in an effort to serve the farmers during this drought stricken time.

**KENTUCKY:** Days suitable fieldwork 5.6. Topsoil moisture 28% very short, 29% short, 39% adequate and 4% surplus. Subsoil moisture 33% very short, 36% short, 29% adequate and 2% surplus. Rainfall averaged 1.34 inches statewide, 0.38 inches above normal. Temperatures averaged 80 degrees, 4 degrees above normal. Dark tobacco blooming 87%, topped 72%. Burley tobacco blooming 64%, topped 35%. Condition of set tobacco, 9% very poor, 15% poor, 37% fair, 32% good, and 7% excellent. Corn milking 81%.

**LOUISIANA:** Days suitable for fieldwork 6.0. Soil moisture 6% very short, 27% short, 55% adequate, 12% surplus. Corn mature 99% this week, 88% last week, 94% last year, 89% average; harvested 38% this week, 16 last week, 29% last year, 18 average; condition 4% poor, 15% fair, 65% good, 16% excellent. Hay second cutting 85% this

week, 79% last week, 69% last year, 72% average. Peaches harvested 100% this week, 97% last week, 95% last year, 93% average. Livestock condition 4% poor, 31% fair, 53% good, 12% excellent. Vegetables condition 5% very poor, 23% poor, 41% fair, 30% good, 1% excellent. Sugarcane planted 10% this week, 1% last week, 4% last year, 3% average; condition 3% poor, 20% fair, 41% good, 36% excellent.

**MARYLAND:** Days suitable for fieldwork 6.6. Topsoil moisture 25% very short, 32% short, 43% adequate. Subsoil moisture 25% very short, 34% short, 41% adequate. Hay supplies 8% very short, 24% short, 68% adequate. Other Hay Second Cutting 91%, 91% 2011, 81% avg; Third Cutting 7%, 10% 2011, 18% avg. Alfalfa Hay Third Cutting 84%, 49% 2011, 58% avg; Fourth Cutting 7%, 0% 2011, 2% avg. Corn condition 18% very poor, 15% poor, 20% fair, 32% good, 15% excellent. Soybean condition 13% very poor, 19% poor, 21% fair, 39% good, 8% excellent. Apples condition 19% fair, 77% good, 4% excellent. Peaches condition 2% poor, 27% fair, 57% good, 14% excellent. Corn silked 100%, 95% 2011, 96% avg; dough 55%, 49% 2011, 53% avg; dent 11%, 14% 2011, 11% avg; mature 2%, 0% 2011, 0% avg. Corn harvested for silage 3%, 0% 2011, 0% avg. Soybeans blooming 78%, 66% 2011, 64% avg; setting pods 45%, 37% 2011, 35% avg. Cantaloupes harvested 55%, 53% 2011, 56% avg. Cucumbers harvested 60%, 63% 2011, 58% avg. Lima Beans (Processed) harvested 27%, 38% 2011, 31% avg. Potatoes harvested 77%, 75% 2011, 59% avg. Snap Beans harvested 48%, 78% 2011, 66% avg. Sweet corn harvested 67%, 56% 2011, 58% avg. Tomatoes harvested 49%, 52% 2011, 48% avg. Watermelons harvested 46%, 43% 2011, 40% avg. Apples harvested 23%, 12% 2011, 19% avg. Peaches harvested 72%, 58% 2011, 49% avg. Scattered thunderstorms helped soybeans. Corn that reached full maturity is beginning to dry down. Well managed pastures that have received rain continue to have good forage, while pastures and hay fields that have been missed by storms are dormant.

**MICHIGAN:** Days suitable for fieldwork 6. Topsoil 32% very short, 32% short, 35% adequate, 1% surplus. Subsoil 42% very short, 37% short, 21% adequate. All hay 25% very poor, 30% poor, 27% fair, 17% good, 1% excellent. Second cutting hay 86%, 73% 2011, 76% avg; hay 35%, 13% 2011, 19% avg. Dry beans 9% very poor, 11% poor, 35% fair, 39% good, 6% excellent. Dry beans blooming 98%, 85% 2011, 71% avg; setting pods 65%, 28% 2011, 29% avg. Another warm week with above average temperatures. A few scattered showers fell late in week in southern Michigan. Rain fell varying amounts across northwest Michigan early week with a touch of rain later in week. Rainfall totaled nearly inch in some areas while others received less than a quarter inch. Relatively widespread rainfall during last week of July helped stabilize corn and other crops in some areas, but long term moisture deficits continued. Soybeans and dry beans continued to bloom and set pods. Sugarbeets started growing again. Cercospora leafspot appeared and most acreage had second application of fungicide applied. Harvest is scheduled to begin August 15 on a limited basis. Harvest of early apple varieties began. Peach harvest continued. Blueberry harvest passed its peak. Scattered showers across State provided relief to dry fields; however, new weed growth noticeable because of these rains. Watermelon, muskmelon, other cucurbits, cabbage and leafy greens continued to be harvested southeast. Pepper harvest in beginning stages southeast region, while pepper growers southwest region reported seeing increase aphid populations. Eggplant fields bearing fruit. Summer squash and zucchini harvest continued across state with flowers growing rapidly. Fall squash and pumpkin growers southwest region reported finding large numbers of male flowers their plants. Pickle harvest underway central region; downy mildew confirmed cucumbers southwest region. In other vine and solonaceous crops, mites continued to be a problem. Western bean cutworm trap catches continued to taper off sweet corn fields central region while risk for western bean cutworms changed to moderate southeast.

**MINNESOTA:** Days suitable for fieldwork 5.8. Topsoil moisture 15% Very Short, 35% Short, 48% Adequate, 2% Surplus. Corn 84% Milk, 33% 2011, 38% avg; 2% Silage Harvested, 0% 2011, 0% avg. Soybeans 0% Turning Yellow, 0% 2011, 0% avg. Dry Beans 91% Setting Pods, 40% 2011, NA% avg; 53% Fully Podded, 1% 2011, NA% avg; 5% Leaves Yellowing, 0% 2011, NA% avg; condition 2% Very Poor, 5% Poor, 29% Fair, 54% Good, 10% Excellent. Sweet Corn 30% Harvested, 14% 2011, 15% avg. Potatoes 7% Harvested, 4% 2011, 6% avg; condition 1% Poor, 13% Fair, 55% Good, 31% Excellent. Canola 5% Harvested, 3% 2011, 2% avg; condition 38% Fair, 39% Good, 23% Excellent. Sugarbeets condition 1% Very Poor, 3% Poor,

22% Fair, 62% Good, 12% Excellent. Sunflower condition 1% Poor, 22% Fair, 63% Good, 14% Excellent. Welcomed precipitation was received across the state this past week. Precipitation amounts averaged 1.6 inches in south east areas to 0.71 inch in central areas.

**MISSISSIPPI:** Days suitable for fieldwork 6.4. Soil moisture 2% very short, 22% short, 75% adequate, 1% surplus. Corn dough 100%, 99% 2011, 99% avg; dent 98%, 90% 2011, 92% avg; mature 65%, 38% 2011, 41% avg; harvested 16%, 5% 2011, 3% avg; condition 1% very poor, 6% poor, 16% fair, 44% good, 33% excellent. Hay-warm season hay harvested 79%, 75% 2011, 70% avg. Hay - warm season 6% poor, 20% fair, 59% good, 15% excellent. Rice mature 18%, 3% 2011, 5% avg. Sorghum heading 100%, 98% 2011, 98% avg; coloring 72%, 46% 2011, 56% avg; mature 25%, 6% 2011, 9% avg; condition 4% very poor, 9% poor, 42% fair, 33% good, 12% excellent. Soybeans turning color 21%, 9% 2011, 12% avg. Sweet potatoes 6% poor, 21% fair, 48% good, 25% excellent. Watermelons harvested 99%, 93% 2011, 97% avg. Livestock condition 6% poor, 34% fair, 52% good, 8% excellent. Mississippi received a few scattered showers last week. Rains mixed with some cloud cover have kept crops from drying out too much. Many growers have continued to irrigate. Some growers have started harvesting rice and corn harvest is under way. Pastures and hay fields are still growing, but have slowed down considerably because of the heat and depleting soil moisture.

**MISSOURI:** Days suitable for fieldwork 6.6. Precipitation 0.54 inches. Temperatures were 3 to 7 degrees above average. Topsoil moisture 87% very short, 11% short, 2% adequate. Subsoil moisture supply 87% short, 12% short, 1% adequate. Alfalfa hay 3rd cutting 50%. Supply of hay and other roughages 56% very short, 33% short, 11% adequate. Stock water supplies 63% very short, 28% short, 9% adequate.

**MONTANA:** Days suitable for field work 6.1, 6.6 last year. Topsoil moisture 34% very short, 6% last year; 37% short, 44% last year; 29% adequate, 46% last year. Subsoil moisture 33% very short, 4% last year; 40% short, 32% last year; 27% adequate, 60% last year. Camelina turning 95%, 71% last year. Canola turning 51%, 56% last year. Dry peas harvested 66%, 8% last year. Lentils harvested 34%, 6% last year. Oats turning 91%, 39% last year. Oats harvested 31%. Oats condition 10% very poor, 1% last year; 19% poor, 5% last year; 23% fair, 33% last year; 37% good, 58% last year; 11% excellent, 3% last year. Durum wheat turning 60%, 29% last year. Durum wheat harvested 5%. Durum wheat condition 6% very poor, 5% last year; 10% poor, 6% last year; 33% fair, 21% last year; 44% good, 55% last year; 7% excellent, 13% last year. Alfalfa hay harvest second cutting 39%, 27% last year. Other hay harvest second cutting 22%, 7% last year. Livestock moved from summer ranges—cattle and calves 4%. Livestock moved from summer ranges—sheep and lambs 1%. A pattern of hot days with minimal precipitation prevailed for most of Montana during the week ending August 5th. Scobey received the highest amount of precipitation for the week with 1.15 inches of moisture; while most other stations saw between 0.00 and 0.8 of an inch. High temperatures ranged from the upper 80s to the lower 100s, with the state-wide high temperature of 102 degrees recorded in Roundup and Huntley. A majority of stations reported lows in the 40s to low-50s. The coldest reported low of 27 degrees was recorded in West Yellowstone followed by Wisdom with 28 degrees.

**NEBRASKA:** Days suitable for fieldwork 6.5. Topsoil moisture 65% very short, 29% short, 6% adequate. Subsoil moisture 61% very short, 33% short, 6% adequate. Irrigated corn conditions rated 1% very poor, 9% poor, 34% fair, 51% good, 5% excellent. Dryland corn conditions rated 40% very poor, 36% poor, 20% fair, 4% good. Dry beans blooming 86%, 83% 2011, 86% avg. Dry beans setting pods 45%, 50% 2011, 43% avg; conditions rated 2% very poor, 8% poor, 45% fair, 41% good, 4% excellent. Alfalfa 3rd cutting 80%, 24% 2011, 31% avg; 4th cutting 4; conditions rated 34% very poor, 32% poor, 22% fair, 11% good, 1% excellent. Wild hay harvested 89%, 76% 2011, 44% avg. Precipitation and moderating temperatures brought some relief to crops and pastures along the southern third of the State. However, much of the eastern third of the state, where most of the dryland crops are grown, received only limited precipitation with conditions remaining poor for dryland crops and pastures. Drought damaged corn acres continue being chopped for silage or cut for hay to make up for pastures which are providing little or no grazing capacity. Irrigators continued their struggle with water demands and many livestock producers were hauling water due to dry ponds. Several rain events occurred during the week bringing precipitation to most regions of the state. The Southern tier of counties received the most rainfall with pockets averaging over two inches of rainfall, while the upper two-

thirds of the state averaged only .50 inch. Temperatures averaged 2 degrees above normal for the week with highs reached triple digits in some areas of the state. Lows were recorded in the mid 40's in northern and central counties and 50's elsewhere.

**NEVADA:** Days suitable for fieldwork 7. Temperatures remained warm with some precipitation during the week. Weekly average temperatures ranged from two degree below normal to four degrees above normal. Las Vegas temperature hit 107 degrees and other weather stations recorded highs between 93 and 101 degrees. Precipitation totaled 0.04 inch in Elko, 0.26 inch in Ely, 0.06 inch in Winnemucca, 0.23 inch in Tonopah, and 0.29 inch in Las Vegas. Rain and thunder storms limited some fieldwork. Rain damaged some cut hay fields and helped some outlying rangelands. High temperatures and afternoon winds accelerated the drying of forages. Pasture and range conditions were in poor to very poor condition. Irrigated crops were in generally good condition. Second cutting of alfalfa continued. Wheat was being harvested. The high temperatures were beneficial to corn fields. Severe drought conditions were prevalent throughout the state. Main farm and ranch activities included haying, irrigating, pesticide application, and working livestock.

**NEW ENGLAND:** Days suitable for fieldwork 6.6. Topsoil moisture 5% very short, 48% short, 47% adequate. Subsoil moisture 3% very short, 41% short, 56% adequate. Pasture condition 1% very poor, 28% poor, 37% fair, 33% good, 1% excellent. Maine Potatoes <5% harvested, 0% 2011, 0% avg, condition 10% fair, 39% good, 51% excellent. Massachusetts Potatoes 10% harvested, <5% 2011, <5% avg, condition 30% fair, 70% good. Rhode Island Potatoes 5% harvested, <5% 2011, 5% avg, condition 50% good, 50% excellent. Maine Oats <5% harvested, 0% 2011, 0% avg, condition 8% fair, 12% good, 80% excellent. Maine Barley <5% harvested, 0% 2011, 0% avg, condition 8% fair, 12% good, 80% excellent. Field Corn condition 1% very poor, 3% poor, 21% fair, 55% good, 20% excellent. Sweet Corn 40% harvested, 30% 2011, 30% avg, condition 6% poor, 26% fair, 63% good, 5% excellent. Broadleaf Tobacco 10% harvested, 5% 2011, 15% avg, condition 2% very poor, 18% poor, 26% fair, 54% good. Shade Tobacco 70% harvested, 40% 2011, 35% avg. First Crop Hay 99% harvested, 95% 2011, 95% avg. Second Crop Hay 75% harvested, 50% 2011, 55% avg. Third Crop Hay 15% harvested, <5% 2011, 5% avg, condition 17% poor, 38% fair, 45% good. Apples <5% harvested, <5% 2011, <5% avg, size 28% below average, 60% average, 12% above average, condition 3% very poor, 15% poor, 35% fair, 46% good, 1% excellent. Peaches 30% harvested, 30% 2011, 25% avg, size 18% below average, 66% average, 16% above average, condition 17% poor, 20% fair, 52% good, 11% excellent. Pears set 18% below average, 82% average, size 8% below average, 91% average, 1% above average, condition 10% poor, 39% fair, 51% good. Massachusetts Cranberries set 50% average, 50% above average, size 80% average, 20% above average, condition 80% good, 20% excellent. Highbush Blueberries 60% harvested, 50% 2011, 50% average, size 2% below average, 89% average, 9% above average, condition 1% very poor, 8% poor, 14% fair, 66% good, 11% excellent. Maine Wild Blueberries 30% harvested, 5% 2011, 10% avg, size 40% average, 60% above average, condition 35% good, 65% excellent. It was a hot week in New England with high temperatures consistently in the 80s and 90s as well as above average nighttime temperatures generally in the 60s and 70s across the region. Average temperatures for the week ranged from 3 degrees above normal in Connecticut and Rhode Island to 7 degrees above normal in Vermont. Thunderstorms during the weekend brought the majority of the precipitation during the week. Total precipitation for the week ranged from 0 to 2.7 inches with the majority of reporting stations across the region recording less than 1 inch of rain. General activities included irrigating, cultivating, applying protective sprays, baling dry hay and chopping haylage, and harvesting fruits and vegetables.

**NEW JERSEY:** Days suitable for field work 5.5. Topsoil moisture was rated 5% very short, 25% short, 70% adequate. Subsoil moisture rated 5% very short, 30% short, 65% adequate. Temperatures reached highs in the mid 90s and lows in the upper 50s across the Garden State. New Jersey received some much needed rain this past week. Unfortunately, the super cell thunderstorms caused severe tree damage from hail and high winds. Hail damage was reported for peaches, apples, and tomatoes in some areas. Vegetable crops are doing well. Other farming activities included harvesting fruits, planting fall vegetables, irrigation, harvesting oats, cutting and baling hay, weed control, and starting 3rd cuttings of alfalfa hay. Milk production was slightly lower than average due to the heat and humidity.

**NEW MEXICO:** Days suitable for fieldwork 6.9. Topsoil moisture

56% very short, 33% short and 11% adequate. Wind damage 10% light, 4% moderate and 2% severe; 73% cotton damaged and 47% sorghum. No hail damage reported. Alfalfa 6% very poor, 6% poor, 24% fair, 58% good and 6% excellent; 98% third cutting complete; 47% fourth cutting complete. 6% fifth cutting complete. Cotton 5% very poor, 19% poor, 40% fair, 16% good and 20% excellent; 89% squared; 50% setting bolls. Corn 2% very poor, 3% poor, 49% fair, 17% good and 29% excellent; 75% silked; 15% dough; 6% dent. Irrigated Sorghum 2% poor, 92% fair, 5% good and 1% excellent; 23% headed; 2% coloring. Dryland Sorghum 46% very poor, 42% poor and 12% fair; 12% headed; 2% coloring. Peanut 5% very poor, 20% poor, 72% fair and 3% good; 67% pegging. Chile 6% very poor, 17% poor, 27% fair, 40% good and 10% excellent; 11% harvested green. Onions 92% harvested. Apples 55% fair and 45% good. Pecans 1% very poor, 1% poor, 16% fair, 68% good and 14% excellent. Cattle condition 28% very poor, 26% poor, 29% fair, 10% good and 7% excellent. Sheep condition 22% very poor, 37% poor, 30% fair and 11% good. High pressure centered over the Texas panhandle kept the main monsoonal moisture plume over the western high terrain and northern mountains. A weekend cold front brought additional cooling and precipitation to the northeastern part of the state. The highest precipitation amounts for the week included Chama at 1.07 inches, Grants at 0.90 inches, and Las Vegas at 0.87 inches. The high brought above normal temperatures across the state with the main impact over the eastern plains. The highest temperature departures about normal included Raton at 12 degrees, Tucumcari at 9 degrees and Roswell at 9 degrees.

**NEW YORK:** Days suitable for fieldwork 5.8. Soil moisture 18% very short, 45% short, 36% adequate, 1% surplus. Hay crops 28% poor, 45% fair, 25% good, 2% excellent. Oats 61% harvested, 26% last year; condition 2% poor, 19% fair, 68% good, 11% excellent. Wheat 98% harvested, 97% last year; condition 3% poor, 16% fair, 68% good, 13% excellent. Corn 14% poor, 37% fair, 43% good, 6% excellent. Soybeans 8% poor, 34% fair, 55% good, 3% excellent. Apples 50% poor, 25% fair, 22% good, 3% excellent. Peaches 14% poor, 13% fair, 70% good, 3% excellent. Pears 19% poor, 29% fair, 45% good, 7% excellent. Sweet cherries 85% harvested, 100% last year, 95% avg; condition 40% poor, 23% fair, 31% good, 6% excellent. Tart cherries 70% harvested, 98% last year, 89% avg; condition 63% poor, 20% fair, 13% good, 4% excellent. Grapes 27% poor, 45% fair, 28% good. Strawberries 20% poor, 44% fair, 32% good, 4% excellent. Sweet corn 28% harvested, 21% last year, 26% avg; condition 13% poor, 31% fair, 52% good, 4% excellent. Onions 12% harvested, 22% last year, 21% avg; condition 5% poor, 7% fair, 88% good. Snap beans 31% harvested, 15% last year, 27% avg; condition 5% poor, 27% fair, 55% good, 13% excellent. Cabbage 38% harvested, 18% last year, 24% avg; condition 20% poor, 35% fair, 44% good, 1% excellent. Tomatoes 15% harvested, 17% last year, 23% avg; condition 2% poor, 14% fair, 74% good, 10% excellent. Lettuce 24% harvested. The average rainfall for the state was below normal. Temperatures ranged from 97 to 52 degrees. The average temperature was above normal.

**NORTH CAROLINA:** There were 5.7 days suitable for field work, compared to 5.5 the previous week. Statewide soil moisture levels were rated at 6% very short, 19% short, 66% adequate and 9% surplus. The state received mostly below normal precipitation and above normal average temperatures the week ending August 5, 2012. While spotty rain showers in some areas are helping soil moisture and crops, other areas are very much in need of rain.

**NORTH DAKOTA:** Days suitable for fieldwork 5.7. Topsoil moisture supplies 16% very short, 46% short, 37% adequate, 1% surplus. Subsoil moisture supplies 13% very short, 47% short, 40% adequate. Durum wheat turning 83% this week, 71% last week, 9% last year, 39% average; harvested 26% this week, 14% last week, 0% last year, 4% average; condition 10% poor, 31% fair, 56% good, 3% excellent. Canola turning 92% this week, 78% last week, 38% last year, 53% average; swathed 50% this week, 14% last week, 1% last year, 14% average; harvested 5% this week, 0% last week, 0% last year, 2% average; condition 9% poor, 30% fair, 56% good, 5% excellent. Dry edible beans setting pods 96% this week, 85% last week, 50% last year, 59% average; fully podded 41% this week, 9% last week, 3% last year, 10% average; lower leaves yellowing 10% this week, 1% last week, 0% last year, 1% average; condition 1% very poor, 14% poor, 39% fair, 41% good, 5% excellent. Dry edible peas mature 94% this week, 84% last week, 18% last year, 69% average; harvested 59% this week, 34% last week, 0% last year, 22% average; condition 8% poor, 39% fair, 49% good, 4% excellent. Flaxseed turning 78% this week, 50% last week, 15% last year, 32% average; harvested 13% this week,

0% last week, 0% last year, 0% average; condition 6% poor, 38% fair, 54% good, 2% excellent. Lentils harvested 75% this week, 11% last week, 0% last year, 10% average. Potatoes rows filled 97% this week, 88% last week, 74% last year, 79% average; vines killed 9% this week, 1% last week, 0% last year, 0% average; condition 4% very poor, 8% poor, 34% fair, 48% good, 6% excellent. Sugarbeet condition 5% poor, 27% fair, 57% good, 11% excellent. Sunflower blooming 87% this week, 51% last week, 29% last year, 40% average; ray flowers dried dropped 2% this week, 0% last week, 0% last year, 0% average; condition 2% poor, 31% fair, 62% good, 5% excellent. Stockwater supplies 9% very short, 41% short, 49% adequate, 1% surplus. Hay condition 16% very poor, 31% poor, 36% fair, 16% good, 1% excellent. Second cutting of alfalfa hay 75% complete. First cutting of other hay 91% complete. The small grain harvest continued through mostly favorable weather last week. Reporters noted that some areas in the eastern half of the state received much needed rainfall. Livestock producers are haying all possible areas as water is still needed for the regrowth of pasture and livestock water supply.

**OHIO:** Days suitable for field work 6.7. Top soil moisture 45% very short, 41% short, 14% adequate. Apples condition 27% very poor, 16% poor, 35% fair, 20% good, 2% excellent. Peaches condition 41% very poor, 13% poor, 26% fair, 18% good, 2% excellent. Hay condition 21% very poor, 37% poor, 28% fair, 12% good, 2% excellent. Livestock condition 3% very poor, 12% poor, 44% fair, 34% good, 7% excellent. Alfalfa hay 3rd cutting 66%, 23% 2011, 38% avg; 4th cutting 13%, 1% avg. Other hay 2nd cutting 86%, 75% 2011, 78% avg; 3rd cutting 21%, 7% 2011, 12% avg. Summer apples harvested 68%, 48% 2011, 57% avg. Peaches harvested 69%, 47% 2011, 49% avg. Cucumbers harvested 70%, 45% 2011, 48% avg. Potatoes harvested 11%, 14% 2011, 14% avg. Processing tomatoes harvested 2%, 1% 2011, 3% avg.

**OKLAHOMA:** Days suitable for fieldwork 6.5. Topsoil moisture 81% very short, 17% short, 2% adequate. Subsoil moisture 74% very short, 24% short, 2% adequate. Winter wheat plowed 89% this week, 88% last week, 81% last year, 83% average. Rye plowed 83% this week, 82% last week, 82% last year, 82% average. Oats plowed 89% this week, 88% last week, 81% last year, 85% average. Corn condition 14% very poor, 22% poor, 33% fair, 30% good, 1% excellent; silking 98% this week, 90% last week, 100% last year, 97% average; dough 79% this week, 72% last week, 91% last year, 81% average; dent 56% this week, 49% last week, 51% last year, n/a average; mature 36% this week, 24% last week, 24% last year, 12% average; harvested 15% this week, n/a last week, n/a last year, n/a average. Soybeans condition 20% very poor, 32% poor, 37% fair, 11% good; blooming 62% this week, 55% last week, 61% last year, 61% average; setting pods 26% this week, 19% last week, 21% last year, 25% average. Peanuts setting pods 54% this week, 41% last week, 37% last year, 52% average. Alfalfa condition 22% very poor, 44% poor, 23% fair, 10% good, 1% excellent; 3rd cutting 85% this week, 77% last week, 28% last year, 75% average; 4th cutting 13% this week, 8% last week, n/a last year, 21% average. Other hay condition 28% very poor, 39% poor, 26% fair, 6% good, 1% excellent; 2nd cutting 46% this week, 39% last week, 13% last year, 23% average. Watermelons harvested 82% this week, 80% last week, 82% last year, 65% average. Livestock condition 3% very poor, 15% poor, 47% fair, 33% good, 2% excellent. Wildfires burned throughout the weekend across Oklahoma including fires in Creek, Cleveland, Grady and Oklahoma counties. A few showers across the northern third of Oklahoma Saturday alleviated fires in some counties, but most of the state was without precipitation. Records were set across the state as brutally hot temperatures were recorded last week. A very early corn harvest began, but problems with aflatoxin were reported. Heat, drought and grasshoppers all contributed to more cattle being sold and more supplemental feeding and haying among livestock producers.

**OREGON:** Days suitable for fieldwork 6.9. Topsoil moisture 24% very short, 48% short, 28% adequate. Subsoil moisture 22% very short, 43% short, 35% adequate. Alfalfa Hay Second Cutting 69%, 59% 2011, 82% average. Spring Wheat Harvested 30%, 11% 2011, 50% average; Condition 7% poor, 36% fair, 52% good, 5% excellent. Barley Condition 4% poor, 18% fair, 67% good, 11% excellent. Corn Condition 17% fair, 83% good, 0% excellent. Last week was the warmest of the year so far, as highs climbed into the triple digits at several stations around the State, & many others hitting the high 90's. The Southwest Valley had the hottest recorded temperatures, with both Grants Pass & Medford reaching 106 degrees. Lows for the past week held steady for the most part, with cool nights & mornings helping to offset the afternoon heat. No station reported a freezing temperature,

with Agency Lake having the lowest recorded temperature at 35 degrees. Dry lightning storms in Lake County caused a few fires, but were taken care of by local firefighters. Almost no precipitation was recorded last week, with most stations reporting no measured rainfall. Worden received the most rain, with a paltry 0.12 inches, still below its normal measured amount for this time of year. Wheat harvests continued, with yields looking to be above average. Early barley had about 5 percent shatter damage, but still had good kernels. Harvest of meadow hay has been nearly completed in Harney County & second cutting of alfalfa was well underway. Grass seed harvest has also almost been completed, or has finished. Yields for grass seed have varied greatly, from below normal to very good. Straw has been baled & sent to storage sheds; red clover in full bloom & bees were in the fields for pollination. Corn silage harvest was a month or less away & crop conditions look good in the south Willamette Valley. Grasshoppers in the northern part of Klamath County continued to be a problem & have impacted forages. The hot & dry weather has made irrigation a main activity. Blueberry harvest started in Lane County & initial indications point to a huge crop this year. Cherries continued to look good, with harvests continuing in Yamhill & Wasco counties. Douglas County wine grape crop continued to mature nicely, & appeared to be two weeks ahead of the previous two years. A very good vintage for wine grapes in 2012 looks to be likely. Early Gravenstein apples have sized well & looked ready, although some drop has been observed. Peaches were starting to be harvested, & pears were sizing well also. Walnuts sizing & seemed to be good production. Blight was apparent in some filbert orchards. Some spotted wing drosophila has continued hammering strawberries, raspberries, blueberries, jostaberries, & cherries & was still expected to continue to hit the mid to late blueberries, the wild blackberries, prunes, & peaches. Vegetable crop production looked good across Douglas County. Watch out for a second round of bolting on cole crops. Bush beans for canning were doing well. Sweet corn harvest was three weeks to a month from beginning in Lane County, with ears setting, & crop conditions looking very good. Many different varieties were already available at farmer's markets in Washington County. Overall vegetable production looks good. Nurseries needed ongoing irrigation. Hay being fed to short pasture areas, rotation of pastures holding up well in Washington County. The hot weather has still been a problem as dry lightning started a few more fires in Lake County, burning more land.

**PENNSYLVANIA:** Days suitable for fieldwork 5. Soil moisture 7% very short, 21% short, 70% adequate and 2% surplus. Corn height 80" this week, 76" last week, 76" last year and 77" average. Oats ripe 99% this week, 95% last week, 71% last year and 80% year average. Potato harvest 20% this week, 6% last week, 5% last year and 5% average. Alfalfa third cutting 70% this week, 63% last week, 62% last year and 54% average; fourth cutting 7% this week, 1% last year and 2% average. Timothy/clover second cutting 80% this week, 79% last week, 72% last year and 64% average. Peaches harvested 86% this week, 63% last week, 29% last year and 40% average. Apples harvested 32% this week, 25% last week, 18% last year and 16% average. Soybeans condition 7% poor, 31% fair, 46% fair, and 16% excellent. Quality of hay made 37% fair, 39% good, 24% excellent. Apples condition 1% very poor, 15% fair, 45% good, 39% excellent. Field activities for the week included harvesting oats, clipping pastures, haymaking, and preparing for fall seeding.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.2. Soil moisture 7% very short, 32% short, 61% adequate. Corn 1% very poor, 7% poor, 35% fair, 48% good, 9% excellent. Soybeans 1% very poor, 10% poor, 38% fair, 48% good, 3% excellent. Tobacco 4% poor, 38% fair, 51% good, 7% excellent. Livestock condition 3% poor, 29% fair, 64% good, 4% excellent. Corn silked (tasseled) 100%, 100% 2011, 100% avg; doughed 98%, 99% 2011, 95% avg; matured 83%, 67% 2011, 50% avg; harvested 20%. Soybeans bloomed 55%, 69% 2011, 63% avg; pods set 22%, 17% 2011, 26% avg. Winter wheat harvested 100%, 100% 2011, 100% avg. Oats harvested 100%, 100% 2011, 100% avg. Tobacco topped 100%, 100% 2011, 100% avg; harvested 61%, 55% 2011, 49% avg; stalks destroyed 10%. Hay other hay 90%, 94% 2011, 91% avg. Peaches harvested 94%, 84% 2011, 77% avg. Snap beans, fresh harvested 100%, 100% 2011, 100% avg. Watermelons harvested 94%, 96% 2011, 93% avg. Tomatoes, fresh harvested 100%, 100% 2011, 99% avg. Cantaloupes harvested 98%, 95% 2011, 94% avg. The counties along the coast and in higher elevations in the Upstate benefited from heavy rain during the week ending August 5, 2012. Thunderstorms created humid weather along

the coast for most of the week dropping multiple inches of rain at a time. Severe weather was present Wednesday and Thursday in the Lowcountry with large hailstones and a brief EF-0 tornado near Kiawah Island. Areas in the Upstate received heavy rain throughout the week. Inland areas missed out on most of the rain and conditions remained very warm and dry. Soil moisture conditions improved to 7% very short, 32% short and 61% adequate. The State average rainfall for the period was 1.3 inches. The State average temperature for the period was two degrees above normal with 6.2 days suitable for fieldwork.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.4. Topsoil moisture 53% very short, 32% short, 14% adequate, 1% surplus. Subsoil moisture 55% very short, 29% short, 15% adequate, 1% surplus. Barley harvested 86%, 7% 2011, 27% avg. Corn silage harvested 26%, 0% 2011, 0% avg. Sorghum silage harvested 4%, 0% 2011, 0% avg. Soybeans dropping leaves 2%, 0% 2011, 0% avg. Sunflower blooming 44%, 24% 2011, 26% avg; ray flowers dry 1%, 0% 2011, 1% avg. Sunflower condition 1% very poor, 30% poor, 47% fair, 21% good, 1% excellent. Alfalfa hay 2nd cutting harvested 93%, 80% 2011, 81% avg; 3rd cutting harvested 47%, 10% 2011, 11% avg. Alfalfa hay 27% very poor, 38% poor, 29% fair, 6% good. Other hay harvested 93%, 89% 2011, 89% avg. Feed supplies 15% very short, 41% short, 43% adequate, 1% surplus. Stock water supplies 23% very short, 41% short, 36% adequate. Cattle condition 1% very poor, 3% poor, 29% fair, 62% good, 5% excellent. Sheep condition 2% poor, 20% fair, 69% good, 9% excellent. Major activities last week included harvesting of small grains, hauling water for livestock, caring for livestock, cutting silage and cutting hay.

**TENNESSEE:** Days suitable for fieldwork 5.5. Topsoil moisture 11% very short, 34% short, 52% adequate, 3% surplus. Subsoil moisture 19% very short, 37% short, 43% adequate, 1% surplus. Corn Silage 66% harvested, 20% 2011, 19% avg. Tobacco 64% topped, 46% 2011, 48% avg.; condition 1% very poor, 13% poor, 33% fair, 44% good, 9% excellent. Burley tobacco 11% harvested, 8% 2011, 5% avg. Dark Air Cured tobacco 5% harvested, 10% 2011, 6% avg. Dark Fire Cured tobacco 6% harvested, 11% 2011, 9% avg. A dry spell came to an end as showers hit at weeks' end. Pasture conditions slowly improve, and all crops except corn remain in the good category. Cattle are rated exceptionally good. Tobacco harvest underway. Corn, tobacco, and soybeans developing ahead of schedule. Farm activities included hay and silage harvest, tobacco topping, spraying for insects, and fungicide applications.

**TEXAS:** Portions of East and South Texas and the Panhandle received scattered showers last week with some areas recording up to 1.5 inches. Most other areas of the state received little to no precipitation during the week. Producers waited for rain and cooler temperatures as small grain seeding preparations continued. In both the High and Low Plains, cotton was stressed due to high temperatures and lack of moisture. Irrigated cotton continued to set bolls, while dry land acres struggled to survive with some fields being plowed up. In North Texas, non-irrigated row crops remained in need of precipitation. Irrigated crops were faring better, though many producers continued to have trouble meeting irrigation needs with the available water supply. Corn and sorghum harvest continued across East, Central, and South Texas. In parts of Coastal Texas, rainfall helped to maintain crop condition. Pecans made good progress in most areas with irrigation active in many orchards. Blackberry, blueberry, and watermelon harvest continued in parts of East Texas. Sugarcane irrigation was active in South Texas. Across much of the state, range and pastureland was in need of rainfall as hot, dry conditions depleted soil moisture. Recently improved grazing land was beginning to turn brown as native grasses struggled. In South Texas, recent rainfall allowed some producers to make another cutting of hay. Livestock was in mostly good condition around the state as ranchers continued to reduce herd sizes. Stock tank and pond levels were falling in many areas due to increased evaporation rates.

**UTAH:** Days Suitable For Field Work 7. Subsoil Moisture 34% very short, 42% short, 24% adequate. Irrigation Water Supplies 28% very short, 28% short, 44% adequate. Winter Wheat harvested 85%, 25% 2011, 43% avg. Spring Wheat harvested 48%, 2% 2011, 21% avg; condition 2% very poor, 21% poor, 29% fair, 39% good, 9% excellent. Barley harvested (grain) 56%, 14% 2011, 31% avg; Condition 9% poor, 24% fair, 48% good, 19% excellent. Oats harvested (grain) 53%, 3% 2011, 16% avg. Oats harvested for Hay or Silage 78%, 72% 2011, 84% avg. Corn silked (tasseled) 86%, 29% 2011, 58% avg; condition 9% poor, 24% fair, 51% good, 16% excellent. Alfalfa Hay 2nd Cutting 96%, 66% 2011, 76% avg; 3rd Cutting 81%. Other Hay Cut 91%, 94% 2011, 89% avg. Cattle and calves condition 4% poor, 21% fair, 59%

good, 16% excellent. Sheep Condition 1% poor, 19% fair, 58% good, 22% excellent. Stock Water Supplies 17% very short, 33% short, 50% adequate. Apricots harvested 95%, 89% 2011, 89% avg. Tart Cherries harvested 97%, 57% 2011, 73% avg. For the week ending August 5th, 2012 there was a reported 6.8 days suitable for field work. Rain in certain parts of the state although welcomed, made harvest difficult for producers. Dry conditions throughout the rest of the state are a continual stress on crops. Livestock in Box Elder and Cache County are reported to remain in good condition although rangelands are drying up. Corn continues to do well and most is past the tasseling state. In Box Elder County, wheat harvest is winding down in the county with most of the acreage harvested and is expected to wrap up in the next two weeks. Yields have been variable depending on location, availability of irrigation, and frost. Spring wheat on non-irrigated cropland has been very poor this year due to the lack of moisture. Lack of moisture for summer fallow is a serious concern for farmers. Corn is progressing very well in the county and most has tasseled or is currently tasseling. Irrigation on corn continues to be a priority. Some spider mites have been observed and producers have sprayed in some instances. Cache County growers are experiencing near perfect conditions for harvesting barley and wheat. Yields on irrigated lands are generally quite good. Persistent hot and dry conditions have lowered dryland yields. Irrigated corn continues to grow well and many growers are already cutting their third crop of hay. Small grains are being harvested in Weber County and corn is reported to be in good condition and beginning to silk. Corn in Duchesne County is also reported to be in good condition with most of the corn tasseled out. The third cutting of hay is expected within the next few weeks but production has been poor so far. Rain in Beaver and Wayne Counties has made alfalfa harvest difficult for some producers. Box Elder County ranchers report livestock in good condition but report summer range conditions from poor to very poor and may be culling their herds heavier than normal. Cache County rangelands are reported to be dwindling and have ranchers very concerned about fall and winter feed availability. Scattered rain in Beaver County has benefited some pastures. Wayne County reports ranges as dry and winter feed prospects poor.

**VIRGINIA:** Days suitable for fieldwork 5.9. Topsoil moisture 18% very short, 31% short, 50% adequate, 1% surplus. Subsoil moisture 16% very short, 45% short, 38% adequate, 1% surplus. Livestock 3% very poor, 8% poor, 26% fair, 53% good, 10% excellent. Other Hay 16% very poor, 21% poor, 38% fair, 21% good, 4% excellent. Alfalfa Hay 4% very poor, 9% poor, 37% fair, 45% good, 5% excellent. Corn 16% very poor, 23% poor, 36% fair, 21% good, 4% excellent. Corn Silked 95%, 91% 2011, 93% 5-yr avg; Dough 65%, 59% 2011, 65% 5-yr avg; Dent 42%, 34% 2011, 33% 5-yr avg. Corn Silage harvested 43%, 12% 2011, 9% 5-yr avg. Soybeans 5% very poor, 10% poor, 38% fair, 36% good, 11% excellent. Soybeans Blooming 54%, 61% 2011, 63% 5-yr avg; Setting Pods 21%, 34% 2011, 29% 5-yr avg. Flue Cured Tobacco 16% very poor, 30% poor, 25% fair, 21% good, 8% excellent. Burley Tobacco 8% very poor, 16% poor, 36% fair, 38% good, 2% excellent. Fire-Cured Tobacco 35% very poor, 43% poor, 16% fair, 6% good. Potatoes Harvested 99%, 91% 2011, 90% 5-yr avg. All Apples 24% very poor, 2% poor, 25% fair, 48% good, 1% excellent. Summer Apples Harvested 40%, 48% 2011, 48% 5-yr avg. Peaches 3% very poor, 15% poor, 47% fair, 33% good, 2% excellent. Peaches Harvested 56%, 52% 2011, 55% 5-yr avg. Grapes 1% poor, 17% fair, 81% good, 1% excellent. Oats 34% fair, 66% good. Periods of rainfall continued to appear throughout the Commonwealth this week, rebounding dehydrated crops and pastures. Lower temperatures and beneficial weather patterns have brought some areas out of drought-like conditions by giving crops and pastures much needed relief. Soybean crop conditions have been increasing as the wet weather has continued. Cotton, peanuts and corn, in some areas, are in great shape as well. Vegetable harvest continued, with squash, cantaloupes, peppers and watermelons all yielding well. Farmers' activities included scouting for insects, harvesting corn for silage, applying post emergence pesticides when needed, and attending field days.

**WASHINGTON:** Days suitable for fieldwork 7.0. Topsoil moisture 1% very short, 36% short, 62% adequate, 1% surplus. Subsoil moisture 6% very short, 33% short, 61% adequate. Irrigation water supply 1% short, 97% adequate and 2% surplus. Hay and Roughage 6% short, 93% adequate and 1% surplus. Potatoes 1% very poor, 2% poor, 36% fair, 52% good, and 10% excellent; Harvested 9% harvested, 8% last week, 11% last year, 21% five-year average. Field Corn 2% poor, 36% fair, 52% good, 10% excellent; Silked 65% emerged, 55% last week, 48% last year, 62% five-year average. Dry

Peas Harvested 20% harvested, 15% last week, 7% last year, 40% five-year average. Processing Green Peas Harvested 95% harvested, 90% last week, 91% last year, 95% five-year average. Alfalfa Hay First Cutting 99% cut, 97% last week, 100% last year, 100% five-year average; Second Cutting 75% cut, 50% last week, 66% last year, 78% five-year average; Third Cutting 1% cut, 0% last week, 4% last year, 19% five-year average. The third cutting of alfalfa began in Benton and Grant Counties. Many other counties were able to cut and dry their second cutting of alfalfa as the week was very dry statewide. A few counties started spring wheat and barley harvest. The damage to the spring wheat crop in Lincoln County from the mid-July heat spell was seen in the form of shriveled kernels. Winter wheat harvest was the main focus of producers as the percentage harvested increased 14 percent from last week. In Klickitat County, stone fruit harvest continued in full force. Producers in Chelan County were beginning to see significant tree fruit losses due to high levels of hail, heat, and wind in June and July. Damage was more widespread and serious in the Columbia basin and Yakima Valley, but higher than average losses occurred in north central Washington counties. In Whatcom County, some potatoes were blooming, while others fields were sprayed to kill the vines. The above average temperature at the end of the week helped expedite the ripening of the berries in western Washington. Pastures were drying out in Asotin County with very little grass left. Kittitas County pastures were noticeably dry, but forage yields were still above average due to the early summer rains. The risk of wildfire increased significantly as last week was extremely dry and hot.

**WEST VIRGINIA:** Days suitable for field work was 5. Topsoil moisture was 1% very short, 26% short, 67% adequate and 6% surplus, compared to 7% very short, 32% short, 55% adequate and 6% surplus last year. Corn conditions were 1% poor, 15% fair, 50% good, and 34% excellent. Corn was 88% silked, 78% in 2011, and 78% 5-year avg; doughing was 19%, 23% in 2011, 22% 5-year avg. Soybean conditions were 14% fair, 45% good, and 41% excellent. Soybeans were 68% blooming, 83% in 2011, and 82% 5-year avg. Soybeans were 31% setting pods, 42% in 2011, 45% 5-year avg. Hay conditions were 2% very poor, 10% poor, 37% fair, 47% good, and 4% excellent. Hay second cutting was 36%, 53% in 2011, and 41% 5-year avg. Apple conditions were 2% very poor, 6% poor, 40% fair, 39% good, and 13% excellent. Peaches were 1% very poor, 17% poor, 35% fair, 40% good, and 7% excellent. Peaches were 50% harvested, 40% in 2011, 31% 5-year avg. Cattle and calves were 1% poor, 31% fair, 65% good, and 3% excellent. Sheep and lambs were 48% fair, 48% good, and 4% excellent. Farming activities included getting ready for the county fair, making hay as the weather permits, harvesting vegetables, harvesting peaches and early apples, rotating livestock for grazing purposes and repairing fences due to wind damage from recent storms.

**WISCONSIN:** Days suitable for fieldwork 5.9. Topsoil moisture 37% very short, 35% short, 28% adequate. Third cutting hay 80% complete this week, 63% last week, 28% last year, 21% average. Wisconsin saw yet another week of scattered rainfall and above average temperatures this week. Hay and soybeans were responding well to any moisture received, though insect pressure continued to be a problem in many areas. Reports on corn were mixed, with some of the crop too far gone

to pollinate and some of the crop in good or improving condition. There were several reports of drought-damaged corn being chopped for silage and forage. Reporters commented that pasture land was slow to recover and forage supplies were tight. Small grain harvest was wrapping up with better than average yields reported. A reporter from Calumet County noted that winter wheat fields were being replanted with additional fall forage. Soil moistures ranged from 40 percent short to very short in the Northeast District to 99 percent short to very short in the sandy Central District. Across the reporting stations, average temperatures this week were 2 to 6 degrees above normal. Average high temperatures ranged from 84 to 88 degrees, while average low temperatures ranged from 62 to 70 degrees. Precipitation totals ranged from 0.32 inches in Green Bay to 1.51 inches in La Crosse.

**WYOMING:** Days suitable for field work 7.0. Topsoil moisture 42% very short, 45% short, 13% adequate. Barley turning color 93%, 77% 2011, 76% avg; mature 80%, 62% 2011, 53% avg; harvest 64%, 38% 2011, 25% avg; condition 1% very poor, 6% poor, 47% fair, 45% good, 1% excellent. Oats turning color 89%, 54% 2011, 66% avg.; mature 61%, 40% 2011, 42% avg; harvested 28%, 15% 2011, 10% avg; condition 8% very poor, 26% poor, 54% fair, 12% good. Spring wheat mature 94%, 26% 2011, 34% avg; harvested 41%, 4% 2011, 5% 2011; condition 7% very poor, 52% poor, 41% fair. Corn tasseled 91%, 88% 2011, 80% avg; silked 53%, 45% 2011, 33% avg; milk 16%, 5% 2011, 4% avg; condition 3% very poor, 15% poor, 44% fair, 37% good, 1% excellent. Dry beans bloom 91%, 86% 2011, 79% avg.; setting pods 57%, 57% 2011, 43% avg.; leaves turning color 2%, 1% 2011; 3% avg.; condition 5% poor, 52% fair, 40% good, 3% excellent. Sugarbeets condition 42% fair, 52% good, 6% excellent. Alfalfa harvested second cutting 58%, 30% 2011, 33% avg; condition 14% very poor, 18% poor, 29% fair, 38% good, 1% excellent. Other hay harvested 73%, 66% 2011, 67% avg; condition 28% very poor, 26% poor, 29% fair, 17% good. Crop insect infestation 38% light, 11% moderate, 2% severe. Cattle condition 1% very poor, 5% poor, 39% fair, 53% good, 2% excellent. Calves condition 4% poor, 41% fair, 51% good, 4% excellent. Sheep condition 3% poor, 32% fair, 63% good, 2% excellent. Lambs condition 3% poor, 30% fair, 63% good, 4% excellent. Range and pasture condition 48% very poor, 31% poor, 17% fair, 4% good. Irrigation water supplies were 18% very short, 34% short, 48% adequate. Farm activities included hauling water to livestock, moving cattle to pastures or markets, harvesting hay, barley, oats and spring wheat. High temperatures ranged from 82 degrees in Lake Yellowstone to 101 in Greybull. Low temperatures ranged from 30 degrees in Lake Yellowstone to 50 degrees in Torrington. Temperatures were above normal at all but two reporting stations - Powell and Sheridan. Only three stations received more than a tenth an inch of rain, those included Buford at 0.19 inch, Rawlins at 0.28 inch and Sundance at 0.44 inch. Three reporting stations are more than 5 inches below normal for the year - Douglas, Jackson Hole and Lance Creek. In Lincoln County streams and rivers are running low and only older priority irrigation water rights are active. Uinta County reported hay quality and yield is dependent upon the irrigation water supply. Mountain reservoirs and streams are running very low.