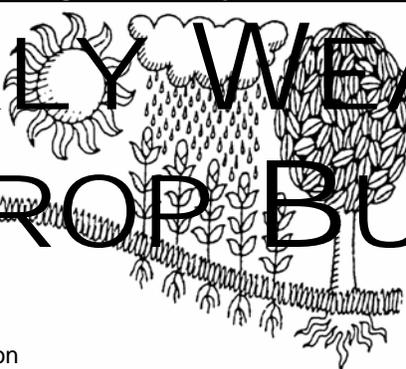


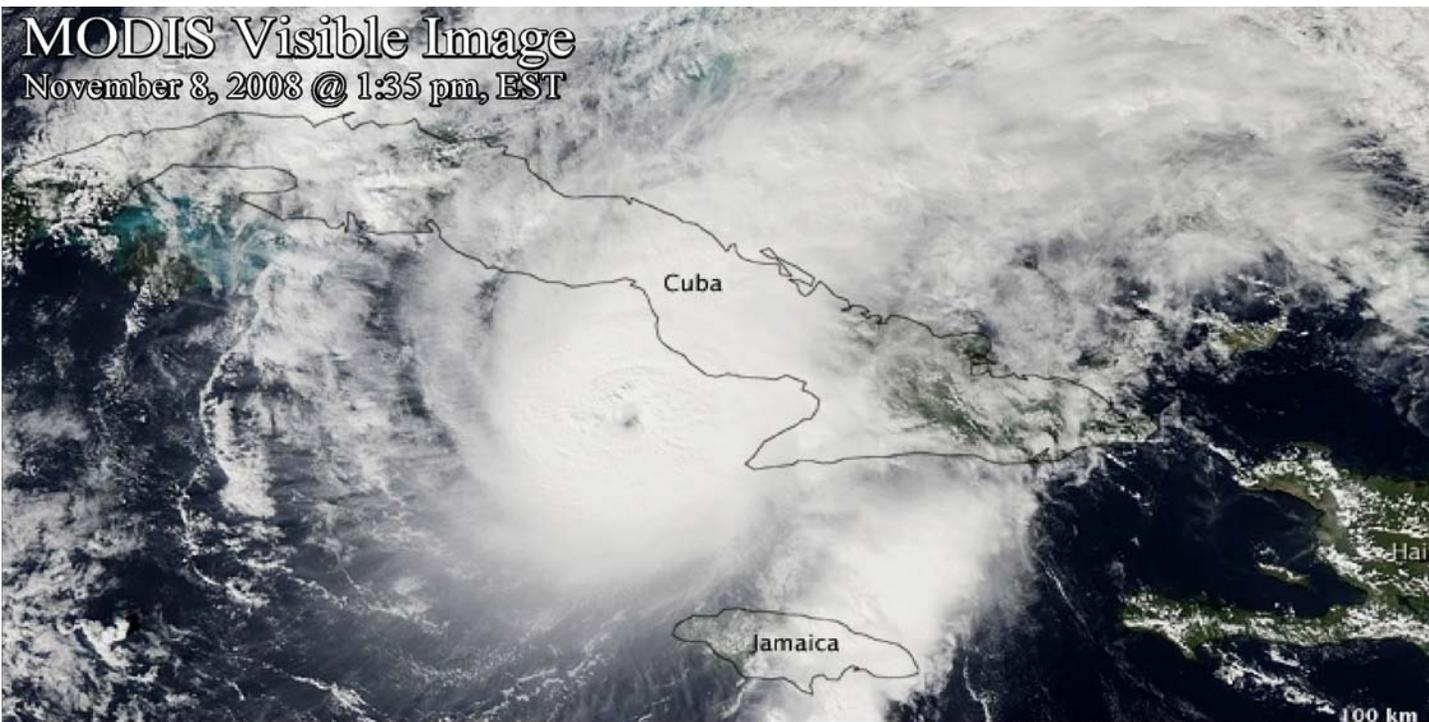
WEEKLY WEATHER AND CROP BULLETIN



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board

MODIS Visible Image
November 8, 2008 @ 1:35 pm, EST



On November 8, Hurricane Paloma became the third major hurricane of the year to make landfall in Cuba, following Gustav (western Cuba on August 30) and Ike (eastern Cuba on September 7). Just hours before landfall, Paloma peaked in intensity as a category 4 hurricane, with maximum sustained winds near 145 m.p.h. As a result, Paloma became the second-strongest Atlantic Basin hurricane in November behind Lenny in 1999. However, by the time Paloma reached south-central Cuba near Santa Cruz del Sur on November 8 at 6:20 pm EST, winds had diminished to 125 m.p.h. (Image courtesy MODIS Rapid Response, NASA Goddard Space Flight Center.)

HIGHLIGHTS November 2 - 8, 2008

Highlights provided by USDA/WAOB

An early-season winter storm brought blizzard conditions to parts of the **Dakotas**, boosting soil moisture but curtailing harvest activities and increasing stress on livestock. Locally severe thunderstorms developed along the storm's trailing cold front. Reports of damaging winds, including isolated tornadoes, were most numerous across the **southeastern Plains** and the **Ozark Plateau** on November 5. Elsewhere on the **southern Plains**, harvesting of cotton and sorghum advanced,

(Continued on page 3)

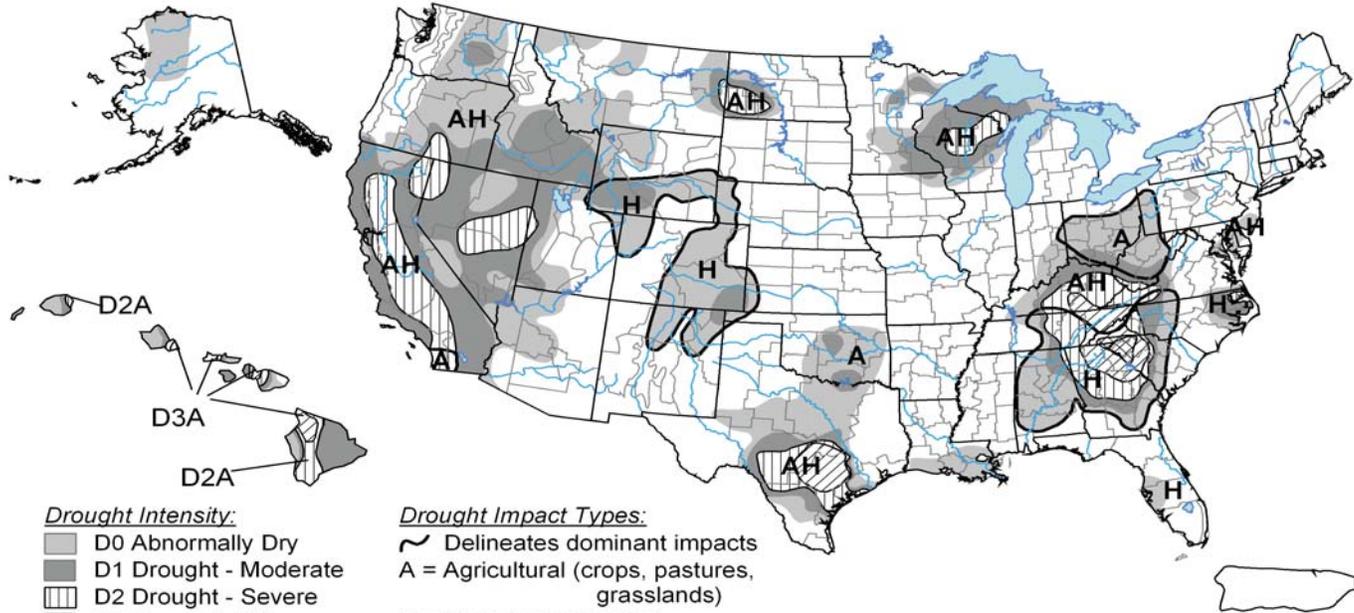
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U.S. Drought Monitor

November 4, 2008

Valid 8 a.m. EST



Drought Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- A** = Agricultural (crops, pastures, grasslands)
- H** = Hydrological (water)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary.



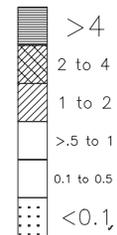
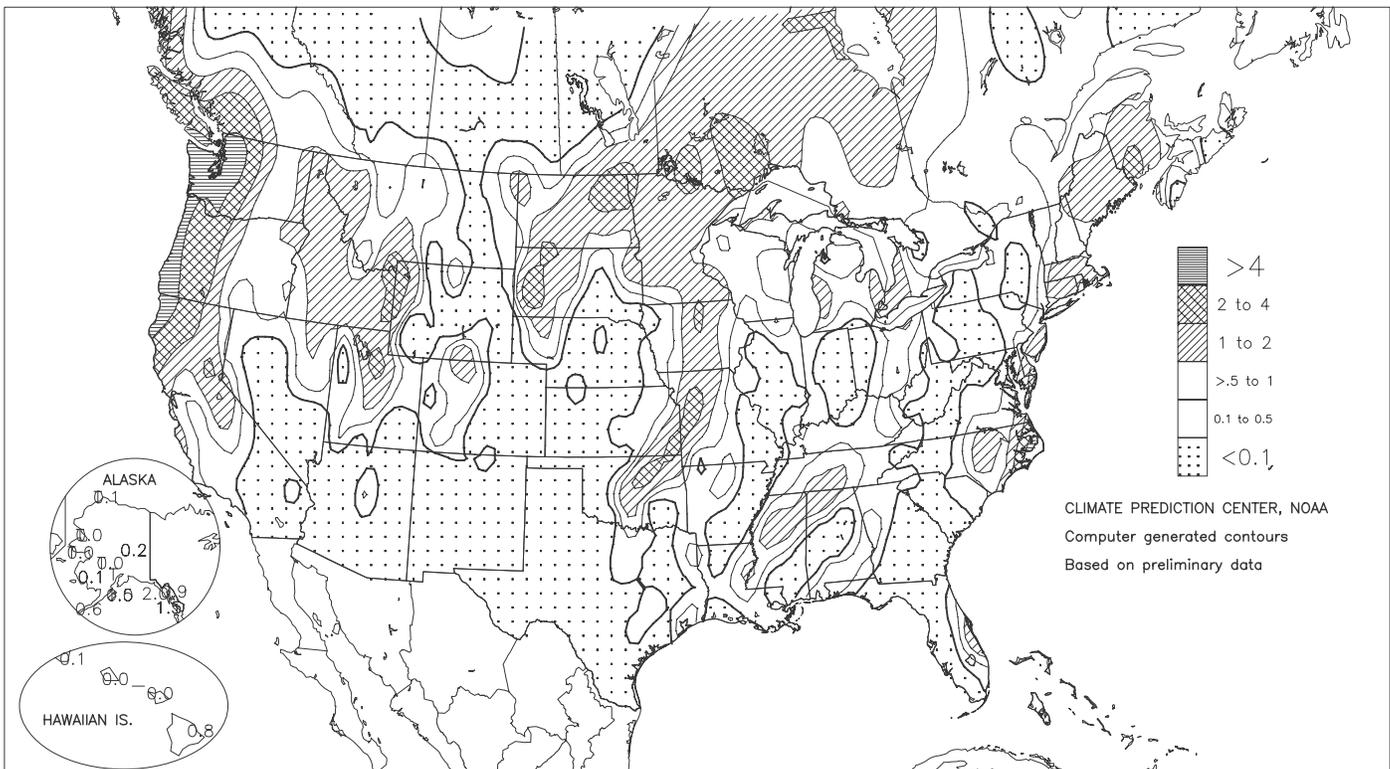
Released Thursday, November 6, 2008

Author: Mark Svoboda, National Drought Mitigation Center

<http://drought.unl.edu/dm>

Total Precipitation (Inches)

NOV 2 - 8, 2008



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

(Continued from front cover)

despite a turn toward colder weather. Meanwhile, most areas from the **Mississippi Valley eastward** experienced several days of warm, dry weather, allowing corn and cotton harvesting to rapidly advance. In addition, the **Southeastern** peanut harvest and the **Midwestern** soybean harvest neared completion. However, a slow-moving storm near the **East Coast** produced cloudy, showery, breezy conditions in the **Atlantic coastal plain from eastern North Carolina to Maine**. Farther west, a series of **Pacific** storms maintained showery, unsettled conditions in the **Northwest**, boosting soil moisture for winter grain establishment. During the first half of the week and again at week's end, light rain as far south as **southern California** briefly slowed autumn fieldwork. Significant precipitation, including high-elevation snow, fell in parts of the **Intermountain West**. Near- to below-normal temperatures covered **California** and the **Southwest**. Chilly conditions also lingered for much of the week in the **lower Southeast**, including **Florida**, where weekly temperatures averaged up to 5°F below normal. In contrast, very warm weather prevailed in advance of the winter storm that drifted from the **Northwest to the north-central U.S.**, resulting in weekly readings as much as 15°F above normal in the **upper Midwest**.

Early in the week, record-setting warmth prevailed across the **nation's mid-section**, while stormy weather arrived in the **West**. On November 2, **Grand Junction, CO** (76°F), set a monthly record high, previously established with a reading of 75°F on November 5, 1977. Daily-record highs for November 2 included 86°F in **Dallas-Ft. Worth, TX**; 83°F in **Oklahoma City, OK**; and 79°F in **Rapid City, SD**. Meanwhile, daily-record precipitation totals for November 2 reached 0.86 inch in **Pocatello, ID**; 0.72 inch in **Elko, NV**; and 0.38 inch in **Santa Barbara, CA**. By November 3-4, unusually warm conditions reached the **Midwest**. In fact, November 4 featured monthly record highs in **Wisconsin** locations such as **Manitowoc** (76°F) and **Appleton** (75°F). In both **Manitowoc** and **Appleton**, the previous standard of 74°F had been established on November 1, 1950. **Green Bay, WI** (74°F on November 4) tied a monthly record that had been most recently attained on November 9, 1999. Elsewhere in **Wisconsin**, **Milwaukee** reached or exceeded 70°F on 3 consecutive November days (November 3-5) for the first time on record. **Milwaukee's** previous mark of 2 consecutive November days at or above 70°F had been attained six times in 138 years, most recently on November 8-9, 1999.

On November 4-5, significant precipitation shifted from the **West** to the **northern Plains**. **Western** daily-record totals on November 4 included 0.57 inch in **Los Angeles, CA**, and 0.41 inch in **Yakima, WA**. In **North Dakota**, **Grand Forks** posted a trio of daily-record rainfall totals (0.45, 0.85, and 0.93 inch) from November 4-6. Other daily-record totals reached 2.02 inches (on November 6) in **Rapid City, SD**, and 1.51 inches in **Williston, ND**. **Rapid City** also received a daily-record snowfall (9.0 inches) on November 6. Elsewhere in **western South Dakota**, storm-total snowfall amounts of 2 to 4 feet were reported in locations such as **Deadwood, Lead, and Silver City**. Similar amounts were noted on November 4-5 in **Utah's Wasatch Range**, where **Alta** received 46 inches. Heavy snow fell as far east as **Bismarck, ND**, where 9.4 inches accumulated on November 6-7. High winds accompanied the storm, with gusts on November 6 clocked to 64 m.p.h. in **Ogallala, NE**, and 63 m.p.h. in **Goodland, KS**. A gust to 77 m.p.h. was reported in **Rapid City** on November 5. Meanwhile, daily-record rainfall totals near the **Atlantic Coast** included 1.64 inches (on November 2) in **Melbourne, FL**, and 5.88 inches (on November 5) on **Cape Hatteras, NC**. Heavy rain persisted through week's end in the **Pacific Northwest**, where

Quillayute's weekly sum of 9.53 inches included daily-record totals on November 6 and 7 (3.30 and 4.07 inches, respectively). Toward week's end, warmth briefly overspread the **East** and returned to the **West**. Daily-record highs on November 7 included 88°F in **El Cajon, CA**, and 80°F in **Raleigh-Durham, NC**. In contrast, **Grand Junction, CO** (15°F on November 6), posted a daily-record low, just 4 days after its monthly record high. Elsewhere in **Colorado**, sub-zero, daily-record lows for November 6 included -3°F in **Meeker** and -1°F in **Alamosa**.

Chilly conditions persisted across the **southern half of Alaska**, where temperatures averaged as much as 5 to 10°F below normal, while heavy precipitation subsided across the southeastern part of the state. In the **Aleutians, Cold Bay** posted consecutive daily-record lows (17 and 14°F) on November 6-7. Meanwhile, **Fairbanks** opened November with below-normal temperatures on 8 consecutive days, along with snowfall totaling 3.0 inches. Between September 27 and November 8, a span of 43 days, **Fairbanks'** only warmer-than-normal days occurred on October 10 and 11. Farther south, mostly dry weather returned to **Hawaii**, following beneficial, late-October showers in windward areas. On November 6, the dry conditions contributed to a daily-record low of 61°F in **Kahului, Maui**.

U.S. Crop Production Highlights

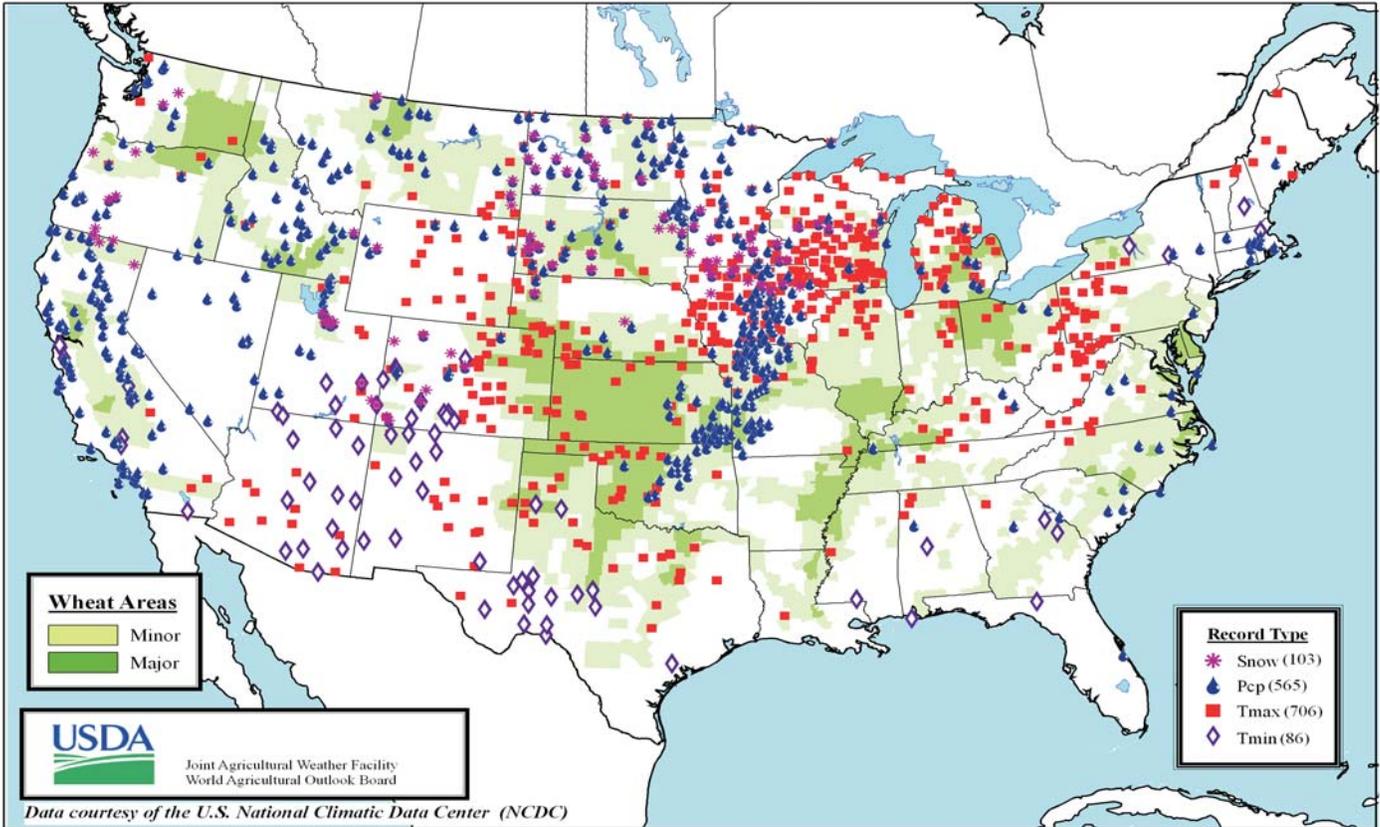
The following information was released by USDA's Agricultural Statistics Board on November 10, 2008. Forecasts refer to November 1.

Corn production is forecast at 12.0 billion bushels, down slightly from the October forecast and 8 percent below 2007. Yields are expected to average 153.8 bushels per acre, down 0.1 bushel from October but 2.7 bushels above last year. If realized, this will be the second-highest yield on record, behind 2004, and production will be the second largest, behind last year. Forecasted yields are higher than last year across the northern half of the Great Plains and northern and central Corn Belt. Yield prospects are lower than last year in the southern half of the Great Plains and Delta.

Soybean production is forecast at 2.92 billion bushels, down less than 1 percent from the October forecast but up 9 percent from last year. If realized, this will be the fourth-largest production on record. Yields are expected to average 39.3 bushels per acre, down 0.2 bushel from October 1 and down 2.4 bushels from 2007. Compared with October 1, yields are forecast lower or unchanged across the Corn Belt and Great Plains, with the exception of Illinois, Indiana, and Missouri. Yields increased from the October 1 forecast in Alabama, Arkansas, Tennessee, New York, and Virginia. Area for harvest is forecast at 74.4 million acres, unchanged from October 1 but up 16 percent from 2007.

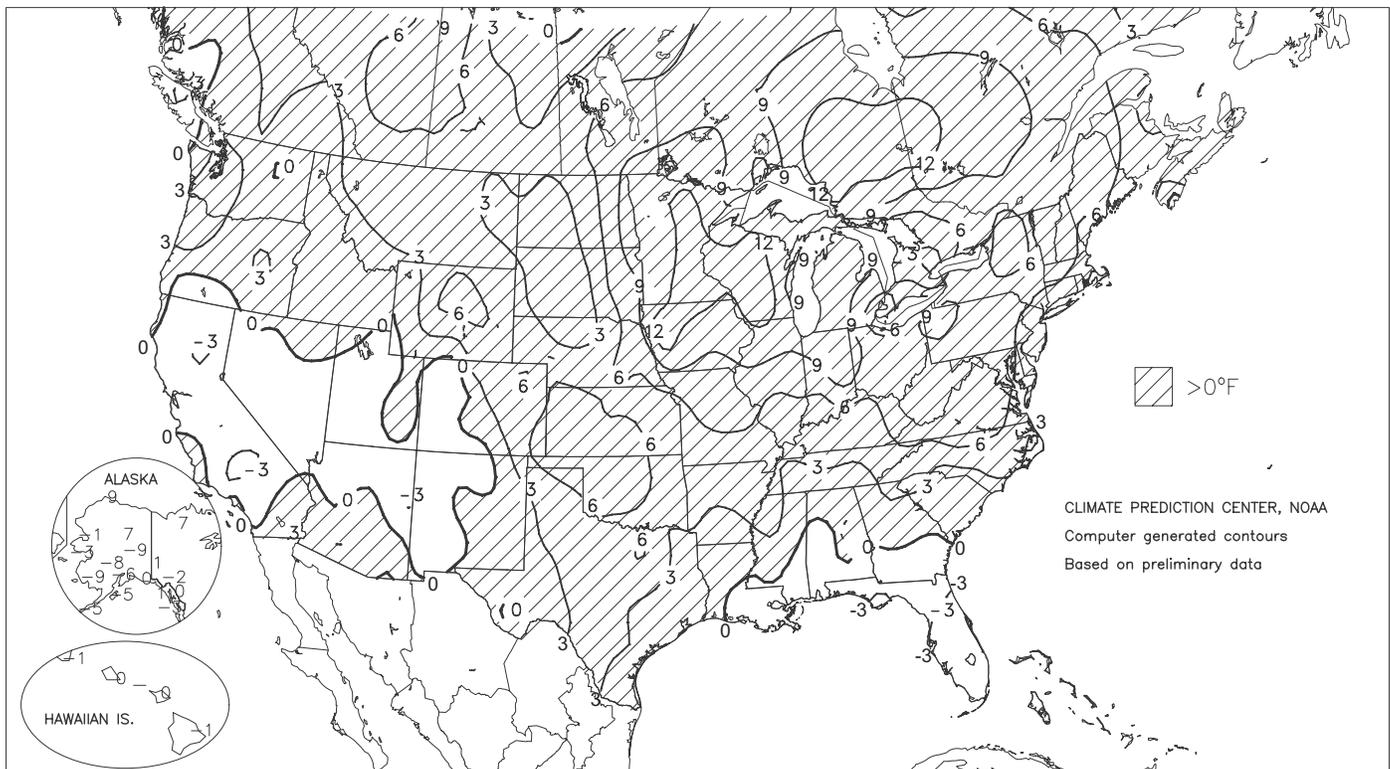
All Cotton production is forecast at 13.5 million 480-pound bales, down 1 percent from last month and down 30 percent from last year. Yield is expected to average 837 pounds per harvested acre, down 12 pounds from last month and down 42 pounds from the record-high yield in 2007. Upland cotton production is forecast at 13.1 million 480-pound bales, down 1 percent from last month and 29 percent below 2007. Texas producers expect lower yields than last month, while producers in the Southeast are expecting increased yields. Upland growers in Alabama and New Mexico expect record-high yields. American-Pima production is forecast at 459,000 bales, up 2 percent from last month but down 46 percent from last year.

Daily Weather Records (ASOS & COOP) November 2-8, 2008



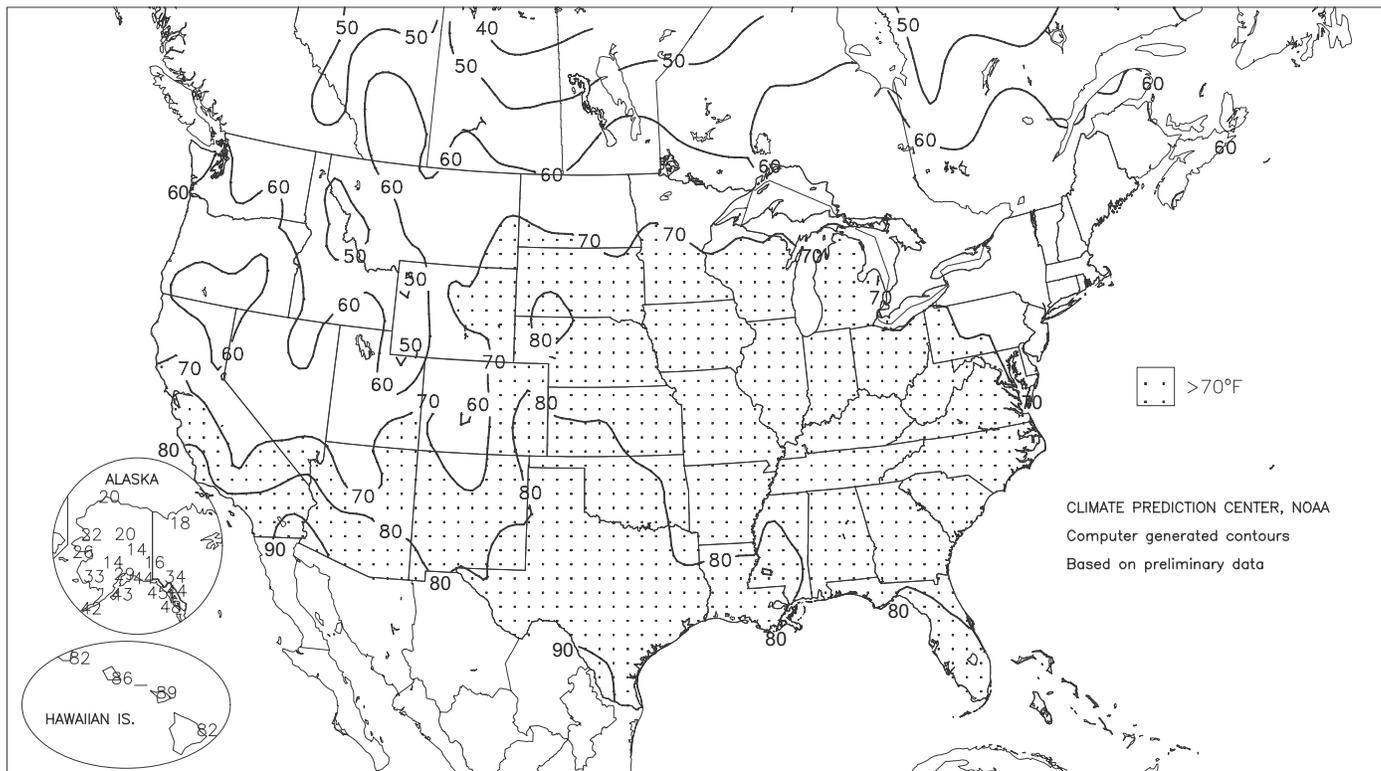
Departure of Average Temperature from Normal (°F)

NOV 2 - 8, 2008



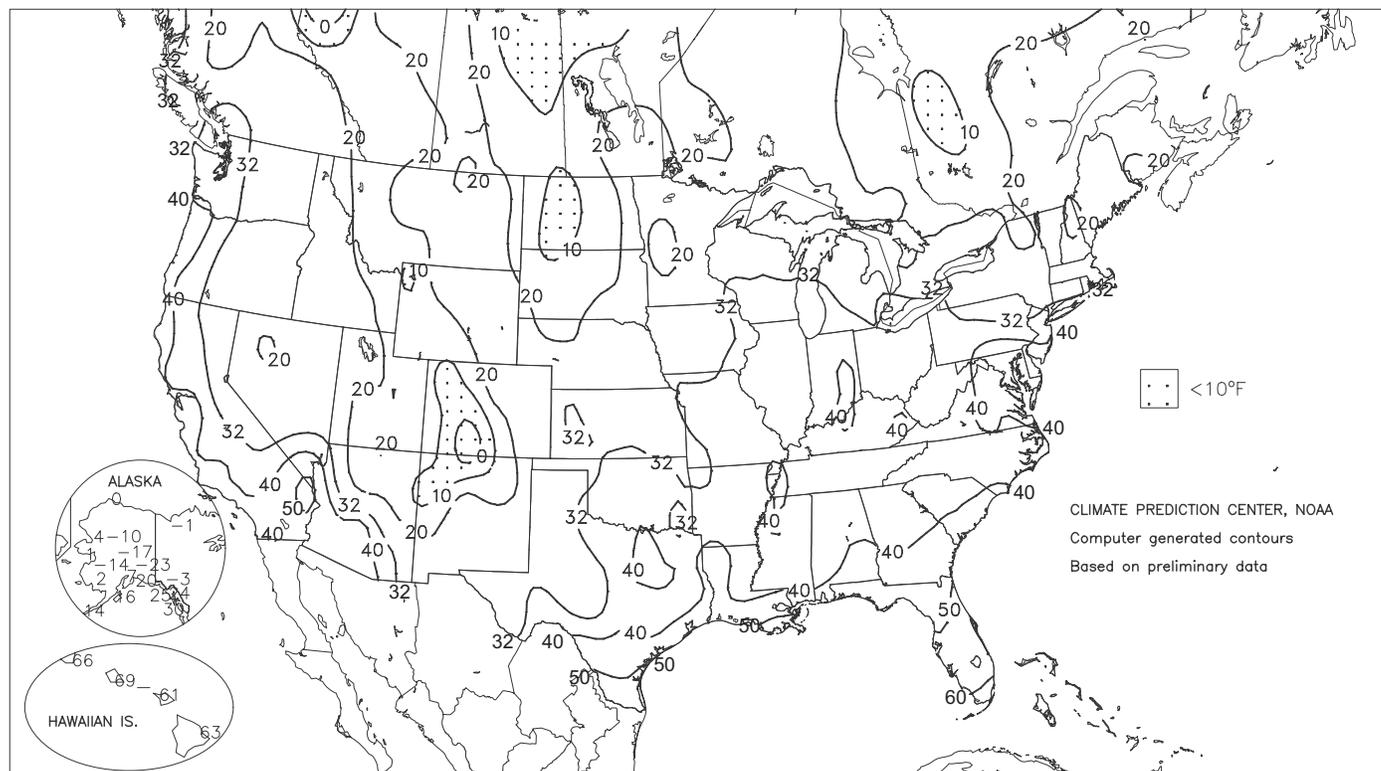
Extreme Maximum Temperature (°F)

NOV 2 - 8, 2008



Extreme Minimum Temperature (°F)

NOV 2 - 8, 2008



Agricultural Weather Data Compiled by USDA's Stoneville Field Office

Weather Data for the Week Ending November 8, 2008

Data Provided by the Mississippi State Delta Research and Extension Center (DREC) and the University of Missouri Commercial Agriculture Program.

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | | 4-INCH SOIL TEMP. °F | | NUMBER OF DAYS | | | | | |
|---------------------|-----------------|-----------------|--------------|-------------|---------|-----------------------|-------------------|-----------------------|--------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-----------------|----------------------|--------------|----------------|-----------------|-----------------|---------|---|---|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN, SINCE SEP01 | PCT. NORMAL SINCE SEP01 | TOTAL, IN., SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | TEMP. °F | | PRECIP. | | |
| | | | | | | | | | | | | | | | | | | 01 INCH OR MORE | 50 INCH OR MORE | | | |
| MISSISSIPPI | | | | | | | | | | | | | | | | | | | | | | |
| ND TUNICA 1W | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LYON | 73 | 45 | 78 | 37 | 59 | - | 0.01 | - | 0.01 | 8.07 | - | - | - | 64 | 56 | 0 | 0 | 1 | 0 | 0 | 0 | |
| VANCE | 71 | 44 | 76 | 38 | 58 | - | 0.06 | - | 0.04 | 7.67 | - | - | - | 68 | 57 | 0 | 0 | 2 | 0 | 0 | 0 | |
| PERTSHIRE | 73 | 46 | 77 | 40 | 59 | - | - | - | - | - | - | - | - | 66 | 56 | 0 | 0 | - | - | - | - | |
| SCOTT | 74 | 47 | 78 | 41 | 60 | - | 0.00 | - | 0.00 | 6.86 | - | - | - | 68 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SANDY RIDGE | 73 | 47 | 77 | 41 | 60 | - | 0.58 | - | 0.55 | 9.93 | - | - | - | 68 | - | 0 | 0 | 2 | 1 | 0 | 0 | |
| NE VERONA | 73 | 41 | 78 | 37 | 57 | - | 0.71 | - | 0.52 | 9.12 | - | 35.76 | - | 68 | 52 | 0 | 0 | 2 | 1 | 0 | 0 | |
| SD STONEVILLE x | 75 | 47 | 80 | 41 | 61 | 4 | 0.00 | -1.07 | 0.00 | 14.06 | 181 | 48.96 | 114 | 72 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | |
| INDIANOLA 1S* | 74 | 46 | 79 | 41 | 60 | - | 0.17 | - | 0.10 | 8.41 | - | 38.72 | - | 67 | 58 | 0 | 0 | 3 | 0 | 0 | 0 | |
| INVERNESS 5E | 73 | 47 | 79 | 42 | 60 | - | 1.11 | - | 0.98 | 8.83 | - | 38.23 | - | 66 | 59 | 0 | 0 | 2 | 1 | 0 | 0 | |
| SIDON | 75 | 48 | 79 | 44 | 61 | - | 1.48 | - | 1.32 | 9.38 | - | - | - | 70 | 58 | 0 | 0 | 2 | 1 | 0 | 0 | |
| NORTH ISSAQUENA | 75 | 47 | 80 | 42 | 61 | - | 0.15 | - | 0.08 | 15.13 | - | - | - | 67 | 59 | 0 | 0 | 2 | 0 | 0 | 0 | |
| SILVER CITY | 74 | 48 | 79 | 43 | 61 | - | 1.31 | - | 1.13 | 9.98 | - | 46.71 | - | 64 | 56 | 0 | 0 | 2 | 1 | 0 | 0 | |
| ONWARD | 74 | 45 | 80 | 41 | 60 | - | 0.90 | - | 0.74 | 10.80 | - | - | - | 70 | 58 | 0 | 0 | 2 | 1 | 0 | 0 | |
| MAYDAY | 74 | 45 | 81 | 40 | 60 | - | 0.71 | - | 0.38 | - | - | - | - | 65 | 58 | 0 | 0 | 2 | 0 | 0 | 0 | |
| MISSOURI | | | | | | | | | | | | | | | | | | | | | | |
| NW CORNING | 62 | 46 | 79 | 31 | 54 | 9 | 0.30 | -0.28 | 0.27 | 9.00 | 128 | 29.25 | 90 | - | - | 0 | 1 | 2 | 0 | 0 | 0 | |
| ALBANY | 61 | 45 | 77 | 31 | 53 | 9 | 0.60 | 0.05 | 0.41 | 11.82 | 174 | 37.32 | 113 | 56 | 51 | 0 | 1 | 2 | 0 | 0 | 0 | |
| ST. JOSEPH | 61 | 45 | 75 | 30 | 53 | 8 | 0.48 | 0.06 | 0.43 | 11.94 | 152 | 38.17 | 113 | - | - | 0 | 1 | 2 | 0 | 0 | 0 | |
| NC LINNEUS | 61 | 45 | 77 | 31 | 53 | 8 | 1.27 | 0.75 | 0.67 | 15.59 | 214 | 55.69 | 166 | 57 | 51 | 0 | 1 | 3 | 2 | 0 | 0 | |
| BRUNSWICK | 63 | 45 | 78 | 32 | 54 | 8 | 1.35 | 0.88 | 0.83 | 11.81 | 164 | 44.81 | 130 | 59 | 53 | 0 | 1 | 3 | 2 | 0 | 0 | |
| NE NOVELTY | 62 | 44 | 75 | 32 | 53 | 7 | 0.57 | -0.05 | 0.57 | 11.53 | 155 | 53.33 | 166 | 56 | 49 | 0 | 0 | 1 | 1 | 0 | 0 | |
| MONROE CITY | 64 | 46 | 76 | 33 | 55 | 9 | 0.18 | -0.41 | 0.18 | 13.31 | 187 | 50.79 | 157 | 57 | 50 | 0 | 0 | 1 | 0 | 0 | 0 | |
| WC GREEN RIDGE | 63 | 45 | 77 | 33 | 54 | 7 | 1.15 | 0.51 | 0.97 | 13.97 | 165 | 48.37 | 132 | 58 | 50 | 0 | 0 | 3 | 1 | 0 | 0 | |
| C AUXVASSE | 64 | 47 | 76 | 34 | 55 | 8 | 0.30 | -0.37 | 0.30 | 14.21 | 198 | 57.87 | 170 | 57 | 53 | 0 | 0 | 1 | 0 | 0 | 0 | |
| COL-SANBORN FLD | 65 | 48 | 78 | 35 | 56 | 8 | 0.24 | -0.31 | 0.24 | 12.96 | 179 | 53.93 | 151 | 59 | 51 | 0 | 0 | 1 | 0 | 0 | 0 | |
| WILLIAMSBURG | 65 | 45 | 77 | 35 | 55 | 8 | 0.22 | -0.57 | 0.22 | 13.02 | 154 | 50.08 | 126 | 54 | 47 | 0 | 0 | 1 | 0 | 0 | 0 | |
| COL-JEFFERS F&G | 64 | 46 | 77 | 34 | 55 | 8 | 0.23 | -0.30 | 0.23 | 11.58 | 161 | - | - | 58 | 52 | 0 | 0 | 1 | 0 | 0 | 0 | |
| COL SOUTH FARMS | 64 | 46 | 77 | 34 | 55 | 8 | 0.25 | -0.28 | 0.25 | 13.48 | 188 | 53.67 | 151 | - | - | 0 | 0 | 1 | 0 | 0 | 0 | |
| VERSAILLES | 65 | 47 | 78 | 35 | 56 | 7 | 0.26 | -0.35 | 0.26 | 11.01 | 136 | 50.80 | 139 | 58 | 52 | 0 | 0 | 1 | 0 | 0 | 0 | |
| EC VANDALIA | 64 | 45 | 77 | 35 | 55 | 8 | 0.15 | -0.68 | 0.15 | - | - | - | - | 60 | 51 | 0 | 0 | 1 | 0 | 0 | 0 | |
| SW LAMAR | 65 | 45 | 78 | 31 | 55 | 5 | 0.84 | 0.06 | 0.57 | 12.58 | 133 | 57.08 | 138 | 59 | 54 | 0 | 1 | 2 | 1 | 0 | 0 | |
| SC COOK STATION | 66 | 41 | 77 | 32 | 54 | 5 | 0.05 | -0.79 | 0.05 | 9.27 | 112 | 49.03 | 133 | 59 | 54 | 0 | 0 | 1 | 0 | 0 | 0 | |
| MOUNTAIN GROVE | 62 | 45 | 73 | 31 | 53 | 5 | 0.32 | -0.65 | 0.32 | 11.28 | 123 | 49.56 | 122 | 57 | 53 | 0 | 1 | 1 | 0 | 0 | 0 | |
| SE DELTA | 67 | 38 | 75 | 32 | 53 | 3 | 0.05 | -0.74 | 0.04 | 5.59 | 73 | 51.63 | 138 | 60 | 48 | 0 | 0 | 2 | 0 | 0 | 0 | |
| CHARLESTON | 68 | 42 | 75 | 37 | 54 | 3 | 0.03 | -0.66 | 0.03 | 3.16 | 43 | 35.87 | 94 | 63 | 50 | 0 | 0 | 1 | 0 | 0 | 0 | |
| GLENNONVILLE | 68 | 43 | 75 | 33 | 56 | 5 | 0.00 | -0.86 | 0.00 | 6.59 | 92 | 35.47 | 101 | 61 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CLARKTON | 68 | 42 | 76 | 33 | 55 | 3 | 0.02 | -0.81 | 0.02 | 4.95 | 69 | 32.97 | 91 | 64 | 50 | 0 | 0 | 1 | 0 | 0 | 0 | |
| PORTAGEVILLE DC | 68 | 45 | 76 | 36 | 57 | 4 | 0.04 | -0.85 | 0.04 | 5.89 | 71 | 36.78 | 96 | 67 | 52 | 0 | 0 | 1 | 0 | 0 | 0 | |
| PORTAGEVILLE LF | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| STEELE | 69 | 44 | 77 | 35 | 56 | 3 | 0.01 | -0.88 | 0.01 | 4.75 | 58 | 35.96 | 90 | 65 | 54 | 0 | 0 | 1 | 0 | 0 | 0 | |
| CARDWELL | 68 | 40 | 77 | 32 | 55 | 3 | 0.07 | -0.62 | 0.07 | 6.00 | 70 | 35.68 | 91 | 67 | 51 | 0 | 0 | 1 | 0 | 0 | 0 | |

Compiled by USDA/OCE/WAOB's Stoneville Field Office. * Beasley Lake. X Based on 1971-2000 normals. - Sufficient data not available.

Data are preliminary and subject to revision.

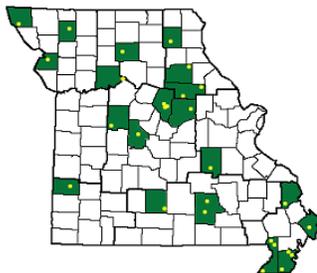
Mississippi: ND = Northern Delta; NE = Northeastern Mississippi; EC = East Central Mississippi; SD = Southern Delta.

Missouri: NW = North West; NC = North Central; NE = Northeast; WC = West Central; C = Central; EC = East Central; SW = Southwest; SE = Southeast;

SC = South Central. (Col-Columbia, Col-Jeffers F&G=Columbia Jefferson Farm and Gardens)

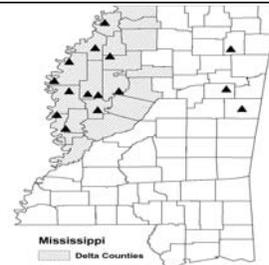
Weather and Crop Summary for the Mississippi Delta: End-of-season harvesting and winter wheat planting continued during dry weather. Some areas remained entirely dry while other locations reported nearly 1.50 inches of rain. After last week's chill wore off, temperatures topped out around 80 degrees F in several southern Delta locations.

Missouri Weather Stations



Note: For information on the weather stations in Missouri, please visit: <http://aqebb.missouri.edu/weather/stations/index.htm>

Mississippi Weather Stations



Note: For information on the weather stations in Mississippi, please visit: http://www.deltaweather.msstate.edu/maps/weather_station_map.htm

National Weather Data for Selected Cities

Weather Data for the Week Ending November 8, 2008

Data Provided by Climate Prediction Center (301-763-8000, Ext. 7503)

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | |
|---------------------|-----------------|-----------------|--------------|-------------|---------|-----------------------|-------------------|-----------------------|--------------------------|-----------------------|-------------------------|------------------------|-------------------------|---------------------------|-----------------|----------------|--------------|------------------|------------------|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN, SINCE SEP01 | PCT. NORMAL SINCE SEP01 | TOTAL, IN, SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMP. °F | | | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 82 AND BELOW | .01 INCH OF MORE | .50 INCH OF MORE |
| AL BIRMINGHAM | 73 | 44 | 77 | 38 | 59 | 3 | 0.03 | -0.91 | 0.03 | 2.37 | 28 | 51.97 | 113 | 87 | 33 | 0 | 0 | 1 | 0 |
| HUNTSVILLE | 73 | 42 | 77 | 39 | 58 | 3 | 0.82 | -0.19 | 0.82 | 6.27 | 70 | 37.76 | 79 | 89 | 50 | 0 | 0 | 1 | 1 |
| MOBILE | 74 | 46 | 78 | 41 | 60 | -2 | 0.29 | -0.76 | 0.29 | 7.40 | 71 | 66.62 | 116 | 86 | 51 | 0 | 0 | 1 | 0 |
| AK MONTGOMERY | 76 | 44 | 78 | 39 | 60 | 1 | 0.53 | -0.24 | 0.53 | 5.24 | 68 | 47.47 | 103 | 92 | 37 | 0 | 0 | 1 | 1 |
| ANCHORAGE | 25 | 14 | 29 | 7 | 20 | -5 | 0.04 | -0.25 | 0.04 | 5.08 | 96 | 14.01 | 98 | 80 | 74 | 0 | 7 | 1 | 0 |
| BARROW | 15 | 10 | 20 | 0 | 13 | 9 | 0.04 | 0.01 | 0.01 | 1.21 | 108 | 4.65 | 119 | 92 | 79 | 0 | 7 | 3 | 0 |
| FAIRBANKS | 7 | -8 | 14 | -17 | -1 | -9 | 0.19 | 0.02 | 0.13 | 1.59 | 71 | 13.59 | 149 | 83 | 77 | 0 | 7 | 2 | 0 |
| JUNEAU | 40 | 32 | 44 | 24 | 36 | 0 | 0.95 | -0.48 | 0.51 | 27.00 | 154 | 65.01 | 132 | 98 | 90 | 0 | 4 | 5 | 1 |
| KODIAK | 38 | 25 | 43 | 16 | 31 | -5 | 0.51 | -1.08 | 0.23 | 12.63 | 70 | 75.40 | 120 | 79 | 65 | 0 | 6 | 3 | 0 |
| NOME | 23 | 12 | 26 | 1 | 18 | -3 | 0.02 | -0.28 | 0.01 | 0.19 | 4 | 9.61 | 66 | 83 | 72 | 0 | 7 | 2 | 0 |
| AZ FLAGSTAFF | 54 | 28 | 60 | 12 | 41 | 1 | 0.03 | -0.38 | 0.03 | 0.93 | 21 | 13.54 | 69 | 74 | 26 | 0 | 5 | 1 | 0 |
| PHOENIX | 80 | 57 | 88 | 50 | 68 | 2 | 0.00 | -0.15 | 0.00 | 0.00 | 0 | 8.15 | 120 | 39 | 19 | 0 | 0 | 0 | 0 |
| PRESCOTT | 64 | 35 | 71 | 26 | 50 | 2 | 0.00 | -0.26 | 0.00 | 0.81 | 22 | 10.79 | 64 | 62 | 19 | 0 | 4 | 0 | 0 |
| TUCSON | 79 | 49 | 88 | 36 | 64 | 1 | 0.00 | -0.16 | 0.00 | 0.24 | 8 | 7.38 | 69 | 43 | 20 | 0 | 0 | 0 | 0 |
| AR FORT SMITH | 71 | 47 | 79 | 36 | 59 | 4 | 0.14 | -0.92 | 0.14 | 11.90 | 136 | 54.32 | 147 | 82 | 38 | 0 | 0 | 1 | 0 |
| CA LITTLE ROCK | 72 | 45 | 79 | 38 | 59 | 3 | 0.09 | -1.13 | 0.09 | 12.55 | 134 | 51.83 | 124 | 92 | 36 | 0 | 0 | 1 | 0 |
| BAKERSFIELD | 67 | 48 | 71 | 42 | 57 | -2 | 0.09 | -0.02 | 0.06 | 0.29 | 50 | 2.09 | 40 | 79 | 56 | 0 | 0 | 2 | 0 |
| FRESNO | 67 | 47 | 71 | 40 | 57 | 0 | 0.30 | 0.07 | 0.14 | 0.68 | 58 | 7.30 | 81 | 86 | 62 | 0 | 0 | 4 | 0 |
| LOS ANGELES | 72 | 57 | 81 | 53 | 65 | 1 | 0.73 | 0.55 | 0.57 | 0.75 | 91 | 8.09 | 78 | 61 | 45 | 0 | 0 | 2 | 1 |
| REDDING | 60 | 45 | 70 | 38 | 53 | -2 | 1.73 | 0.87 | 1.18 | 3.82 | 105 | 18.36 | 71 | 89 | 70 | 0 | 0 | 4 | 1 |
| SACRAMENTO | 64 | 47 | 69 | 40 | 55 | -2 | 0.28 | -0.14 | 0.27 | 3.18 | 185 | 12.01 | 87 | 96 | 54 | 0 | 0 | 2 | 0 |
| SAN DIEGO | 72 | 57 | 81 | 53 | 65 | 1 | 0.14 | -0.07 | 0.14 | 0.32 | 36 | 5.86 | 68 | 72 | 53 | 0 | 0 | 1 | 0 |
| SAN FRANCISCO | 64 | 52 | 72 | 45 | 58 | 1 | 0.51 | 0.02 | 0.30 | 2.07 | 115 | 13.08 | 86 | 88 | 71 | 0 | 0 | 3 | 0 |
| STOCKTON | 66 | 46 | 72 | 40 | 56 | -1 | 0.55 | 0.19 | 0.46 | 1.17 | 75 | 8.23 | 77 | 88 | 68 | 0 | 0 | 2 | 0 |
| CO ALAMOSA | 52 | 15 | 68 | -1 | 34 | 0 | 0.00 | -0.11 | 0.00 | 1.06 | 63 | 4.78 | 73 | 78 | 34 | 0 | 7 | 0 | 0 |
| CO SPRINGS | 60 | 33 | 75 | 24 | 47 | 6 | 0.00 | -0.17 | 0.00 | 5.11 | 223 | 13.03 | 78 | 58 | 17 | 0 | 3 | 0 | 0 |
| DENVER INTL | 61 | 35 | 78 | 26 | 48 | 6 | 0.06 | -0.11 | 0.05 | 2.55 | 121 | 10.28 | 80 | 60 | 23 | 0 | 3 | 2 | 0 |
| GRAND JUNCTION | 56 | 29 | 76 | 15 | 42 | -1 | 0.04 | -0.15 | 0.02 | 0.38 | 18 | 6.11 | 77 | 64 | 34 | 0 | 4 | 2 | 0 |
| PUEBLO | 66 | 32 | 81 | 23 | 49 | 6 | 0.00 | -0.16 | 0.00 | 1.43 | 86 | 10.41 | 90 | 47 | 18 | 0 | 4 | 0 | 0 |
| CT BRIDGEPORT | 59 | 48 | 66 | 36 | 54 | 5 | 0.31 | -0.54 | 0.17 | 8.74 | 108 | 39.16 | 103 | 90 | 75 | 0 | 0 | 3 | 0 |
| HARTFORD | 60 | 43 | 67 | 24 | 52 | 6 | 0.53 | -0.42 | 0.27 | 12.24 | 134 | 52.60 | 133 | 90 | 74 | 0 | 2 | 4 | 0 |
| DC WASHINGTON | 64 | 53 | 70 | 49 | 58 | 6 | 0.10 | -0.59 | 0.08 | 7.64 | 98 | 40.99 | 120 | 89 | 64 | 0 | 0 | 2 | 0 |
| DE WILMINGTON | 62 | 50 | 66 | 45 | 56 | 7 | 0.41 | -0.26 | 0.18 | 7.41 | 94 | 32.97 | 89 | 92 | 66 | 0 | 0 | 4 | 0 |
| FL DAYTONA BEACH | 74 | 59 | 79 | 56 | 66 | -4 | 0.73 | -0.04 | 0.73 | 9.47 | 79 | 42.14 | 95 | 94 | 63 | 0 | 0 | 1 | 1 |
| JACKSONVILLE | 72 | 54 | 78 | 46 | 63 | -1 | 0.12 | -0.40 | 0.10 | 7.59 | 61 | 57.26 | 119 | 96 | 59 | 0 | 0 | 2 | 0 |
| KEY WEST | 78 | 70 | 82 | 64 | 74 | -4 | 0.00 | -0.75 | 0.00 | 20.24 | 190 | 38.52 | 110 | 87 | 68 | 0 | 0 | 0 | 0 |
| MIAMI | 80 | 66 | 85 | 63 | 73 | -3 | 0.41 | -0.61 | 0.41 | 14.96 | 95 | 62.49 | 116 | 89 | 60 | 0 | 0 | 1 | 0 |
| ORLANDO | 77 | 60 | 82 | 55 | 68 | -3 | 0.44 | -0.04 | 0.44 | 7.11 | 79 | 55.87 | 126 | 94 | 65 | 0 | 0 | 1 | 0 |
| PENSACOLA | 76 | 52 | 78 | 46 | 64 | 0 | 0.11 | -0.91 | 0.11 | 12.96 | 117 | 51.24 | 90 | 86 | 48 | 0 | 0 | 1 | 0 |
| TALLAHASSEE | 75 | 47 | 79 | 43 | 61 | -2 | 0.01 | -0.83 | 0.01 | 5.57 | 60 | 55.22 | 98 | 93 | 50 | 0 | 0 | 1 | 0 |
| TAMPA | 76 | 61 | 83 | 57 | 69 | -3 | 0.24 | -0.02 | 0.24 | 6.03 | 66 | 43.57 | 106 | 86 | 60 | 0 | 0 | 1 | 0 |
| GA WEST PALM BEACH | 80 | 62 | 84 | 58 | 71 | -4 | 0.01 | -1.30 | 0.01 | 9.88 | 66 | 57.92 | 107 | 89 | 57 | 0 | 0 | 1 | 0 |
| ATHENS | 72 | 45 | 76 | 36 | 59 | 3 | 0.03 | -0.82 | 0.03 | 7.29 | 92 | 32.33 | 78 | 92 | 54 | 0 | 0 | 1 | 0 |
| ATLANTA | 72 | 49 | 74 | 43 | 60 | 3 | 0.36 | -0.47 | 0.36 | 4.59 | 56 | 38.40 | 89 | 81 | 49 | 0 | 0 | 1 | 0 |
| AUGUSTA | 71 | 46 | 77 | 34 | 59 | 2 | 0.20 | -0.47 | 0.20 | 5.12 | 68 | 35.84 | 91 | 90 | 61 | 0 | 0 | 1 | 0 |
| COLUMBUS | 73 | 47 | 75 | 43 | 60 | 0 | 0.37 | -0.37 | 0.37 | 6.37 | 102 | 49.90 | 122 | 89 | 38 | 0 | 0 | 1 | 0 |
| MACON | 74 | 45 | 76 | 37 | 59 | 1 | 0.05 | -0.58 | 0.05 | 5.26 | 83 | 41.70 | 108 | 90 | 43 | 0 | 0 | 1 | 0 |
| SAVANNAH | 71 | 53 | 77 | 49 | 62 | 0 | 0.09 | -0.51 | 0.03 | 10.83 | 122 | 42.18 | 94 | 91 | 66 | 0 | 0 | 5 | 0 |
| HI HILO | 81 | 66 | 82 | 63 | 74 | -1 | 0.81 | -2.58 | 0.37 | 10.54 | 47 | 84.41 | 81 | 84 | 73 | 0 | 0 | 4 | 0 |
| HONOLULU | 86 | 72 | 86 | 69 | 79 | 0 | 0.00 | -0.52 | 0.00 | 1.02 | 29 | 4.44 | 32 | 77 | 64 | 0 | 0 | 0 | 0 |
| KAHULUI | 87 | 67 | 89 | 61 | 77 | 0 | 0.00 | -0.41 | 0.00 | 0.32 | 17 | 4.39 | 31 | 76 | 63 | 0 | 0 | 0 | 0 |
| LIHUE | 81 | 71 | 82 | 66 | 76 | -1 | 0.08 | -0.99 | 0.05 | 4.96 | 61 | 14.90 | 48 | 76 | 68 | 0 | 0 | 2 | 0 |
| ID BOISE | 51 | 40 | 60 | 34 | 46 | 1 | 0.52 | 0.27 | 0.33 | 2.30 | 128 | 7.07 | 73 | 81 | 64 | 0 | 0 | 3 | 0 |
| LEWISTON | 53 | 41 | 56 | 33 | 47 | 3 | 0.29 | 0.03 | 0.09 | 1.43 | 69 | 7.13 | 66 | 87 | 74 | 0 | 0 | 5 | 0 |
| POCATELLO | 49 | 33 | 63 | 21 | 41 | 1 | 1.53 | 1.29 | 0.88 | 3.53 | 166 | 8.04 | 76 | 87 | 64 | 0 | 3 | 3 | 1 |
| IL CHICAGO/O'HARE | 62 | 45 | 73 | 35 | 53 | 9 | 0.55 | -0.14 | 0.34 | 16.26 | 241 | 46.89 | 148 | 81 | 60 | 0 | 0 | 4 | 0 |
| MOLINE | 64 | 46 | 75 | 34 | 55 | 11 | 0.12 | -0.54 | 0.12 | 13.05 | 194 | 44.25 | 131 | 74 | 57 | 0 | 0 | 1 | 0 |
| PEORIA | 63 | 46 | 74 | 34 | 54 | 9 | 0.23 | -0.42 | 0.22 | 14.70 | 222 | 44.07 | 141 | 81 | 53 | 0 | 0 | 2 | 0 |
| ROCKFORD | 62 | 44 | 74 | 34 | 53 | 10 | 0.35 | -0.24 | 0.29 | 8.39 | 125 | 41.80 | 128 | 83 | 63 | 0 | 0 | 2 | 0 |
| SPRINGFIELD | 64 | 46 | 75 | 36 | 55 | 8 | 0.04 | -0.59 | 0.04 | 10.40 | 169 | 53.39 | 173 | 80 | 48 | 0 | 0 | 1 | 0 |
| IN EVANSVILLE | 70 | 42 | 76 | 38 | 56 | 6 | 0.15 | -0.70 | 0.15 | 2.92 | 43 | 49.03 | 131 | 86 | 54 | 0 | 0 | 1 | 0 |
| FORT WAYNE | 66 | 43 | 74 | 37 | 54 | 9 | 0.01 | -0.64 | 0.01 | 4.16 | 67 | 35.02 | 111 | 79 | 39 | 0 | 0 | 1 | 0 |
| INDIANAPOLIS | 67 | 45 | 73 | 37 | 56 | 9 | 0.12 | -0.66 | 0.12 | 4.13 | 63 | 47.40 | 135 | 82 | 39 | 0 | 0 | 1 | 0 |
| SOUTH BEND | 64 | 45 | 72 | 35 | 55 | 10 | 0.30 | -0.45 | 0.20 | 17.37 | 220 | 41.99 | 123 | 72 | 52 | 0 | 0 | 3 | 0 |
| IA BURLINGTON | 65 | 47 | 77 | 35 | 56 | 10 | 0.06 | -0.55 | 0.06 | 11.13 | 154 | 44.14 | 131 | 78 | 48 | 0 | 0 | 1 | 0 |
| CEDAR RAPIDS | 61 | 44 | 73 | 30 | 53 | 10 | 0.53 | 0.01 | 0.40 | 6.94 | 114 | 47.81 | 158 | 92 | 58 | 0 | 2 | 3 | 0 |
| DES MOINES | 60 | 46 | 76 | 29 | 53 | 9 | 1.15 | 0.60 | 0.67 | 8.50 | 133 | 51.35 | 161 | 86 | 58 | 0 | 1 | 3 | 1 |
| DUBUQUE | 61 | 44 | 73 | 33 | 52 | 10 | 0.25 | -0.33 | 0.17 | 5.89 | 88 | 43.36 | 136 | 87 | 70 | 0 | 0 | 2 | 0 |
| SIOUX CITY | 60 | 40 | 80 | 26 | 50 | 9 | 0.13 | -0.26 | 0.10 | 8.08 | 167 | 31.94 | 131 | 83 | 57 | 0 | 3 | 2 | 0 |
| WATERLOO | 61 | 45 | 75 | 30 | 53 | 12 | 0.80 | 0.25 | 0.52 | 4.93 | 81 | 49.71 | 163 | 89 | 67 | 0 | 2 | 4 | 1 |
| KS CONCORDIA | 63 | 42 | 78 | 26 | 52 | 6 | 0.00 | -0.36 | 0.00 | 8.53 | 180 | 34.21 | 129 | 75 | 49 | 0 | 1 | 0 | 0 |
| DODGE CITY | 67 | 42 | 79 | 33 | 55 | 7 | 0.00 | -0.27 | 0.00 | 6.89 | 199 | 19.01 | 91 | 71 | 32 | 0 | 0 | 0 | 0 |
| GOODLAND | 60 | 35 | 78 | 32 | 48 | 6 | 0.00 | -0.22 | 0.00 | 6.23 | 256 | 19.57 | 104 | 68 | 35 | 0 | 1 | 0 | 0 |
| TOPEKA | 64 | 46 | 79 | 33 | 55 | 7 | 0.39 | -0.20 | 0.16 | 10.67 | 145 | 40.20 | 123 | 75 | 51 | 0 | 0 | 5 | 0 |

Based on 1971-2000 normals

*** Not Available

Weather Data for the Week Ending November 8, 2008

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | | |
|---------------------|-----------------|-----------------|--------------|-------------|---------|-----------------------|-------------------|-----------------------|--------------------------|------------------------|-------------------------|------------------------|---------------------------|-----------------|-----------------|--------------|--------------|------------------|------------------|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN., SINCE SEP01 | PCT. NORMAL SINCE SEP01 | TOTAL IN., SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | TEMP. °F | | PRECIP | |
| | | | | | | | | | | | | | | | | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| KY WICHITA | 68 | 45 | 78 | 33 | 56 | 6 | 0.14 | -0.32 | 0.09 | 17.14 | 289 | 58.74 | 212 | 75 | 41 | 0 | 0 | 2 | 0 |
| KY JACKSON | 69 | 47 | 74 | 41 | 58 | 7 | 0.30 | -0.53 | 0.30 | 2.43 | 31 | 32.80 | 78 | 78 | 35 | 0 | 0 | 1 | 0 |
| LEXINGTON | 69 | 43 | 75 | 39 | 56 | 6 | 0.30 | -0.37 | 0.30 | 3.25 | 49 | 44.84 | 114 | 78 | 42 | 0 | 0 | 1 | 0 |
| LOUISVILLE | 72 | 45 | 76 | 43 | 58 | 6 | 0.09 | -0.67 | 0.09 | 3.66 | 55 | 44.83 | 118 | 82 | 35 | 0 | 0 | 1 | 0 |
| LA PADUCAH | 69 | 42 | 76 | 37 | 55 | 4 | 0.10 | -0.79 | 0.10 | 4.42 | 55 | 48.07 | 116 | 88 | 37 | 0 | 0 | 1 | 0 |
| LA BATON ROUGE | 78 | 48 | 82 | 41 | 63 | 1 | 0.10 | -0.89 | 0.08 | 9.08 | 93 | 49.82 | 92 | 91 | 37 | 0 | 0 | 2 | 0 |
| LA LAKE CHARLES | 79 | 49 | 84 | 39 | 64 | 1 | 0.00 | -0.96 | 0.00 | 6.80 | 62 | 41.43 | 84 | 95 | 39 | 0 | 0 | 0 | 0 |
| LA NEW ORLEANS | 77 | 53 | 81 | 47 | 65 | 1 | 0.25 | -0.71 | 0.25 | 13.20 | 136 | 50.32 | 91 | 88 | 56 | 0 | 0 | 1 | 0 |
| LA SHREVEPORT | 75 | 49 | 80 | 44 | 62 | 2 | 0.46 | -0.61 | 0.46 | 5.72 | 64 | 43.54 | 101 | 89 | 36 | 0 | 0 | 1 | 0 |
| ME CARIBOU | 50 | 35 | 64 | 22 | 43 | 7 | 0.68 | -0.03 | 0.61 | 10.40 | 147 | 40.79 | 128 | 92 | 74 | 0 | 2 | 2 | 1 |
| ME PORTLAND | 56 | 41 | 66 | 24 | 49 | 7 | 0.70 | -0.41 | 0.49 | 14.73 | 163 | 55.35 | 145 | 92 | 67 | 0 | 2 | 3 | 0 |
| MD BALTIMORE | 64 | 52 | 70 | 48 | 58 | 9 | 0.24 | -0.43 | 0.16 | 8.73 | 110 | 39.48 | 109 | 88 | 64 | 0 | 0 | 3 | 0 |
| MA BOSTON | 57 | 46 | 66 | 32 | 51 | 3 | 0.91 | -0.02 | 0.80 | 8.77 | 105 | 43.32 | 121 | 88 | 68 | 0 | 1 | 4 | 1 |
| MA WORCESTER | 55 | 43 | 64 | 25 | 49 | 6 | 0.99 | -0.08 | 0.77 | 12.82 | 126 | 54.26 | 129 | 96 | 70 | 0 | 2 | 3 | 1 |
| MI ALPENA | 61 | 36 | 74 | 20 | 48 | 9 | 0.29 | -0.21 | 0.12 | 5.44 | 95 | 28.60 | 114 | 93 | 60 | 0 | 1 | 4 | 0 |
| MI GRAND RAPIDS | 64 | 43 | 73 | 32 | 53 | 10 | 0.68 | 0.00 | 0.49 | 12.93 | 165 | 42.93 | 135 | 84 | 50 | 0 | 1 | 5 | 0 |
| MI HOUGHTON LAKE | 60 | 37 | 70 | 21 | 48 | 9 | 0.30 | -0.20 | 0.21 | 4.66 | 78 | 30.53 | 122 | 90 | 63 | 0 | 1 | 5 | 0 |
| MI LANSING | 62 | 42 | 71 | 29 | 52 | 10 | 0.49 | -0.07 | 0.39 | 10.83 | 169 | 32.64 | 119 | 77 | 52 | 0 | 1 | 4 | 0 |
| MI MUSKOGON | 61 | 45 | 72 | 35 | 53 | 10 | 0.70 | -0.02 | 0.29 | 10.81 | 151 | 38.30 | 138 | 80 | 55 | 0 | 0 | 5 | 0 |
| MI TRAVERSE CITY | 63 | 44 | 74 | 32 | 53 | 11 | 0.07 | -0.56 | 0.03 | 4.68 | 65 | 25.48 | 88 | 88 | 49 | 0 | 1 | 3 | 0 |
| MN DULUTH | 53 | 39 | 67 | 25 | 46 | 12 | 1.12 | 0.60 | 0.42 | 8.24 | 115 | 29.43 | 103 | 91 | 73 | 0 | 1 | 4 | 0 |
| MN INT'L FALLS | 52 | 37 | 66 | 21 | 45 | 13 | 2.35 | 1.99 | 1.37 | 8.95 | 165 | 25.92 | 116 | 95 | 72 | 0 | 2 | 5 | 2 |
| MN MINNEAPOLIS | 60 | 44 | 74 | 30 | 52 | 13 | 0.69 | 0.17 | 0.41 | 4.43 | 82 | 21.72 | 80 | 88 | 65 | 0 | 2 | 4 | 0 |
| MN ROCHESTER | 60 | 44 | 75 | 30 | 52 | 14 | 1.37 | 0.87 | 0.55 | 5.57 | 95 | 31.72 | 110 | 85 | 69 | 0 | 2 | 4 | 2 |
| MN ST. CLOUD | 58 | 41 | 72 | 27 | 49 | 14 | 0.80 | 0.34 | 0.63 | 6.75 | 119 | 26.61 | 105 | 89 | 61 | 0 | 1 | 3 | 1 |
| MS JACKSON | 75 | 43 | 80 | 39 | 59 | 1 | 0.32 | -0.71 | 0.30 | 7.25 | 93 | 48.79 | 104 | 93 | 37 | 0 | 0 | 2 | 0 |
| MS MERIDIAN | 74 | 39 | 79 | 34 | 57 | -2 | 0.01 | -0.95 | 0.01 | 3.36 | 42 | 49.16 | 99 | 98 | 52 | 0 | 0 | 1 | 0 |
| MS TUPELO | 72 | 42 | 77 | 38 | 57 | 2 | 0.69 | -0.25 | 0.38 | 8.16 | 105 | 47.66 | 104 | 93 | 48 | 0 | 0 | 2 | 0 |
| MO COLUMBIA | 64 | 45 | 76 | 35 | 54 | 6 | 0.36 | -0.42 | 0.36 | 12.42 | 166 | 58.35 | 166 | 84 | 49 | 0 | 0 | 1 | 0 |
| MO KANSAS CITY | 62 | 46 | 76 | 32 | 54 | 6 | 0.77 | 0.24 | 0.57 | 14.60 | 170 | 45.10 | 130 | 81 | 50 | 0 | 1 | 2 | 1 |
| MO SAINT LOUIS | 67 | 48 | 77 | 37 | 58 | 8 | 0.03 | -0.75 | 0.03 | 11.03 | 167 | 56.60 | 171 | 70 | 49 | 0 | 0 | 1 | 0 |
| MO SPRINGFIELD | 64 | 46 | 76 | 30 | 55 | 4 | 0.44 | -0.47 | 0.44 | 10.99 | 118 | 64.17 | 167 | 81 | 54 | 0 | 1 | 1 | 0 |
| MT BILLINGS | 53 | 37 | 65 | 29 | 45 | 6 | 0.17 | -0.02 | 0.10 | 4.43 | 157 | 12.58 | 93 | 78 | 47 | 0 | 2 | 4 | 0 |
| MT BUTTE | 43 | 27 | 49 | 7 | 35 | 2 | 0.53 | 0.39 | 0.34 | 1.54 | 75 | 8.89 | 75 | 94 | 56 | 0 | 5 | 4 | 0 |
| MT CUT BANK | 49 | 29 | 63 | 19 | 39 | 5 | 0.18 | 0.10 | 0.18 | 1.58 | 91 | 12.76 | 108 | 83 | 46 | 0 | 4 | 1 | 0 |
| MT GLASGOW | 48 | 29 | 66 | 22 | 39 | 5 | 0.22 | 0.12 | 0.22 | 2.96 | 164 | 12.70 | 120 | 87 | 65 | 0 | 5 | 1 | 0 |
| MT GREAT FALLS | 51 | 35 | 63 | 27 | 43 | 6 | 0.59 | 0.44 | 0.27 | 3.03 | 129 | 14.30 | 104 | 87 | 50 | 0 | 4 | 4 | 0 |
| MT HAVRE | 48 | 27 | 57 | 21 | 38 | 3 | 0.70 | 0.62 | 0.52 | 1.83 | 105 | 11.57 | 109 | 89 | 72 | 0 | 7 | 3 | 1 |
| MT MISSOULA | 45 | 33 | 50 | 20 | 39 | 2 | 0.74 | 0.55 | 0.36 | 2.47 | 116 | 10.43 | 87 | 86 | 71 | 0 | 2 | 5 | 0 |
| NE GRAND ISLAND | 57 | 39 | 76 | 21 | 48 | 6 | 0.02 | -0.31 | 0.02 | 7.53 | 174 | 39.51 | 163 | 80 | 55 | 0 | 3 | 1 | 0 |
| NE LINCOLN | 61 | 42 | 79 | 27 | 52 | 8 | 0.00 | -0.39 | 0.00 | 8.89 | 168 | 38.78 | 147 | 69 | 47 | 0 | 1 | 0 | 0 |
| NE NORFOLK | 58 | 39 | 77 | 24 | 48 | 7 | 0.02 | -0.34 | 0.02 | 8.18 | 187 | 30.09 | 120 | 79 | 56 | 0 | 3 | 1 | 0 |
| NE NORTH PLATTE | 56 | 32 | 76 | 20 | 44 | 4 | 0.13 | -0.09 | 0.07 | 6.25 | 222 | 27.52 | 147 | 87 | 45 | 0 | 3 | 3 | 0 |
| NE OMAHA | 60 | 44 | 79 | 28 | 52 | 8 | 0.03 | -0.41 | 0.02 | 7.48 | 127 | 39.38 | 141 | 78 | 56 | 0 | 2 | 2 | 0 |
| NE SCOTTSBLUFF | 55 | 33 | 79 | 26 | 44 | 5 | 0.07 | -0.12 | 0.04 | 2.64 | 108 | 13.96 | 92 | 76 | 45 | 0 | 3 | 2 | 0 |
| NE VALENTINE | 50 | 31 | 81 | 20 | 40 | 1 | 0.20 | 0.01 | 0.09 | 4.49 | 147 | 22.33 | 119 | 91 | 65 | 0 | 3 | 3 | 0 |
| NV ELY | 50 | 25 | 60 | 17 | 37 | -1 | 0.62 | 0.44 | 0.58 | 1.17 | 55 | 5.23 | 58 | 86 | 55 | 0 | 6 | 2 | 1 |
| NV LAS VEGAS | 70 | 52 | 75 | 44 | 61 | 1 | 0.00 | -0.06 | 0.00 | 0.04 | 7 | 1.74 | 45 | 40 | 28 | 0 | 0 | 0 | 0 |
| NV RENO | 56 | 36 | 65 | 28 | 46 | 1 | 0.50 | 0.36 | 0.27 | 0.78 | 76 | 5.76 | 97 | 77 | 57 | 0 | 1 | 3 | 0 |
| NV WINNEMUCCA | 54 | 27 | 62 | 18 | 41 | 0 | 0.15 | -0.02 | 0.05 | 0.53 | 38 | 5.24 | 76 | 87 | 54 | 0 | 5 | 4 | 0 |
| NH CONCORD | 59 | 38 | 65 | 18 | 49 | 7 | 0.27 | -0.58 | 0.15 | 11.88 | 157 | 49.28 | 154 | 96 | 61 | 0 | 3 | 2 | 0 |
| NJ NEWARK | 61 | 50 | 65 | 37 | 55 | 5 | 0.50 | -0.32 | 0.21 | 10.43 | 129 | 39.34 | 99 | 85 | 67 | 0 | 0 | 4 | 0 |
| NM ALBUQUERQUE | 61 | 38 | 73 | 30 | 50 | 1 | 0.00 | -0.18 | 0.00 | 1.46 | 64 | 7.50 | 88 | 48 | 20 | 0 | 3 | 0 | 0 |
| NY ALBANY | 58 | 40 | 66 | 25 | 49 | 6 | 0.17 | -0.60 | 0.16 | 9.48 | 128 | 41.13 | 125 | 95 | 64 | 0 | 2 | 2 | 0 |
| NY BINGHAMTON | 56 | 43 | 65 | 27 | 50 | 8 | 0.10 | -0.60 | 0.10 | 5.57 | 75 | 34.07 | 103 | 93 | 72 | 0 | 1 | 1 | 0 |
| NY BUFFALO | 64 | 42 | 73 | 28 | 53 | 9 | 0.46 | -0.37 | 0.46 | 8.55 | 107 | 39.52 | 117 | 84 | 50 | 0 | 1 | 1 | 0 |
| NY ROCHESTER | 63 | 39 | 71 | 26 | 51 | 7 | 0.10 | -0.51 | 0.10 | 5.14 | 76 | 25.13 | 86 | 86 | 61 | 0 | 1 | 1 | 0 |
| NY SYRACUSE | 61 | 38 | 69 | 24 | 49 | 5 | 0.29 | -0.50 | 0.29 | 7.63 | 92 | 35.05 | 103 | 96 | 58 | 0 | 2 | 1 | 0 |
| NC ASHEVILLE | 69 | 36 | 73 | 31 | 52 | 3 | 0.02 | -0.84 | 0.02 | 3.56 | 45 | 29.25 | 72 | 93 | 55 | 0 | 2 | 1 | 0 |
| NC CHARLOTTE | 69 | 44 | 77 | 37 | 57 | 1 | 0.13 | -0.67 | 0.12 | 5.60 | 67 | 36.41 | 96 | 91 | 48 | 0 | 0 | 2 | 0 |
| NC GREENSBORO | 69 | 48 | 77 | 40 | 58 | 6 | 0.26 | -0.39 | 0.22 | 6.47 | 78 | 32.47 | 86 | 88 | 48 | 0 | 0 | 3 | 0 |
| NC HATTERAS | 68 | 51 | 71 | 10 | 59 | -1 | 9.99 | 8.75 | 5.76 | 20.38 | 164 | 54.72 | 110 | 95 | 69 | 0 | 1 | 3 | 3 |
| NC RALEIGH | 70 | 48 | 80 | 38 | 59 | 5 | 1.12 | 0.46 | 0.86 | 11.53 | 141 | 44.57 | 118 | 93 | 71 | 0 | 0 | 3 | 1 |
| NC WILMINGTON | 71 | 53 | 78 | 41 | 62 | 3 | 0.86 | 0.25 | 0.80 | 13.60 | 127 | 54.43 | 107 | 95 | 55 | 0 | 0 | 2 | 1 |
| ND BISMARCK | 48 | 27 | 70 | 10 | 38 | 3 | 2.11 | 1.91 | 0.85 | 6.30 | 202 | 19.39 | 122 | 88 | 71 | 0 | 5 | 3 | 2 |
| ND DICKINSON | 46 | 27 | 72 | 9 | 36 | 1 | 1.09 | 0.91 | 0.83 | 3.02 | 95 | 10.66 | 68 | 92 | 64 | 0 | 5 | 3 | 1 |
| ND FARGO | 55 | 39 | 69 | 21 | 47 | 13 | 1.02 | 0.69 | 0.80 | 10.56 | 233 | 31.05 | 156 | 90 | 69 | 0 | 2 | 6 | 1 |
| ND GRAND FORKS | 50 | 35 | 66 | 21 | 42 | 9 | 2.23 | 1.93 | 0.93 | 10.82 | 271 | 23.95 | 130 | 95 | 72 | 0 | 2 | 3 | 2 |
| ND JAMESTOWN | 49 | 32 | 68 | 18 | 41 | 7 | 1.67 | 1.46 | 1.37 | 6.98 | 207 | 22.77 | 130 | 96 | 69 | 0 | 4 | 2 | 1 |
| ND WILLISTON | 46 | 26 | 64 | 17 | 36 | 4 | 1.54 | 1.40 | 1.51 | 5.07 | 213 | 12.18 | 93 | 89 | 71 | 0 | 6 | 3 | 1 |
| OH AKRON-CANTON | 65 | 42 | 71 | 35 | 53 | 8 | 0.31 | -0.30 | 0.31 | 6.20 | 93 | 35.72 | 108 | 83 | 58 | 0 | 0 | 1 | 0 |
| OH CINCINNATI | 69 | 44 | 74 | 40 | 56 | 7 | 0.02 | -0.76 | 0.02 | 2.87 | 43 | 41.19 | 112 | 79 | 44 | 0 | 0 | 1 | 0 |
| OH CLEVELAND | 66 | 44 | 72 | 38 | 55 | 9 | 0.70 | 0.01 | 0.48 | 7.09 | 97 | 37.40 | 113 | 88 | 52 | 0 | 0 | 4 | 0 |
| OH COLUMBUS | 67 | 44 | 73 | 41 | 55 | 7 | 0.50 | -0.14 | 0.50 | 4.44 | 74 | 39.53 | 119 | 80 | 47 | 0 | 0 | 1 | 1 |
| OH DAYTON | 66 | 43 | 73 | 36 | 54 | 8 | 0.07 | -0.66 | 0.07 | 3.94 | 64 | 36.92 | 108 | 76 | 42 | 0 | 0 | 1 | 0 |
| OH MANSFIELD | 64 | 41 | 71 | 33 | 52 | 7 | 0.32 | -0.47 | 0.30 | 6.07 | 86 | 37.02 | 100 | 83 | 44 | 0 | 0 | 2 | 0 |

Weather Data for the Week Ending November 8, 2008

| STATES AND STATIONS | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | | | |
|---------------------|-----------------|-----------------|--------------|-------------|---------|-----------------------|-------------------|-----------------------|--------------------------|------------------------|--------------------------|-----------------------|-------------------------|---------------------------|-----------------|----------------|--------------|-----------------|-----------------|-----------------|-----------------|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | EXTREME HIGH | EXTREME LOW | AVERAGE | DEPARTURE FROM NORMAL | WEEKLY TOTAL, IN. | DEPARTURE FROM NORMAL | GREATEST IN 24-HOUR, IN. | TOTAL IN. SINCE SEPT01 | PCT. NORMAL SINCE SEPT01 | TOTAL IN. SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | TEMP. °F | | PRECIP | |
| | | | | | | | | | | | | | | | | | | 01 INCH OR MORE | 50 INCH OR MORE | 01 INCH OR MORE | 50 INCH OR MORE |
| OK | TOLEDO | 64 | 39 | 73 | 35 | 52 | 7 | 0.06 | -0.53 | 0.05 | 5.70 | 97 | 33.02 | 116 | 81 | 44 | 0 | 0 | 2 | 0 | |
| | YOUNGSTOWN | 67 | 41 | 74 | 33 | 54 | 10 | 0.03 | -0.56 | 0.03 | 5.39 | 77 | 38.79 | 119 | 83 | 54 | 0 | 0 | 1 | 0 | |
| | OKLAHOMA CITY | 73 | 46 | 83 | 35 | 60 | 6 | 0.44 | -0.11 | 0.44 | 2.66 | 32 | 34.88 | 107 | 75 | 33 | 0 | 0 | 1 | 0 | |
| OR | TULSA | 72 | 50 | 80 | 37 | 61 | 7 | 1.11 | 0.31 | 1.11 | 8.26 | 85 | 52.86 | 141 | 76 | 44 | 0 | 0 | 1 | 1 | |
| | ASTORIA | 57 | 48 | 62 | 39 | 52 | 3 | 3.91 | 1.79 | 1.18 | 8.57 | 81 | 48.83 | 100 | 91 | 81 | 0 | 0 | 7 | 3 | |
| | BURNS | 50 | 31 | 59 | 24 | 40 | 3 | 0.23 | 0.02 | 0.11 | 1.23 | 84 | 6.94 | 83 | 96 | 84 | 0 | 3 | 4 | 0 | |
| PA | EUGENE | 56 | 47 | 62 | 41 | 52 | 5 | 2.31 | 0.70 | 1.16 | 4.35 | 65 | 23.59 | 66 | 95 | 81 | 0 | 0 | 6 | 1 | |
| | MEDFORD | 54 | 44 | 59 | 41 | 49 | 1 | 1.33 | 0.78 | 0.69 | 1.88 | 69 | 10.57 | 80 | 94 | 73 | 0 | 0 | 5 | 1 | |
| | PENDLETON | 56 | 39 | 62 | 31 | 47 | 2 | 0.65 | 0.32 | 0.44 | 1.18 | 59 | 8.77 | 87 | 89 | 70 | 0 | 1 | 3 | 0 | |
| RI | PORTLAND | 57 | 49 | 64 | 44 | 53 | 4 | 1.67 | 0.57 | 0.56 | 4.09 | 71 | 22.04 | 82 | 93 | 82 | 0 | 0 | 7 | 1 | |
| | SALEM | 56 | 47 | 63 | 41 | 52 | 4 | 1.74 | 0.51 | 0.74 | 3.17 | 54 | 22.19 | 78 | 93 | 84 | 0 | 0 | 6 | 1 | |
| | ALLENTOWN | 60 | 45 | 67 | 30 | 52 | 6 | 0.15 | -0.65 | 0.06 | 11.29 | 131 | 42.47 | 109 | 89 | 72 | 0 | 1 | 4 | 0 | |
| SC | ERIE | 66 | 46 | 75 | 32 | 56 | 9 | 0.20 | -0.67 | 0.18 | 7.95 | 82 | 34.16 | 95 | 76 | 51 | 0 | 1 | 3 | 0 | |
| | MIDDLETOWN | 61 | 48 | 68 | 40 | 55 | 7 | 0.05 | -0.67 | 0.02 | 8.57 | 118 | 36.51 | 106 | 95 | 60 | 0 | 0 | 3 | 0 | |
| | PHILADELPHIA | 61 | 51 | 64 | 42 | 56 | 5 | 0.44 | -0.20 | 0.18 | 6.34 | 86 | 30.96 | 85 | 86 | 72 | 0 | 0 | 4 | 0 | |
| SD | PITTSBURGH | 66 | 41 | 71 | 39 | 54 | 8 | 0.13 | -0.47 | 0.07 | 4.79 | 78 | 32.51 | 100 | 88 | 46 | 0 | 0 | 2 | 0 | |
| | WILKES-BARRE | 60 | 46 | 65 | 29 | 53 | 8 | 0.16 | -0.52 | 0.08 | 7.49 | 98 | 36.71 | 112 | 88 | 58 | 0 | 1 | 3 | 0 | |
| | WILLIAMSPORT | 61 | 44 | 69 | 30 | 53 | 8 | 0.18 | -0.60 | 0.12 | 9.34 | 116 | 39.05 | 109 | 86 | 64 | 0 | 1 | 2 | 0 | |
| TN | PROVIDENCE | 58 | 44 | 66 | 26 | 51 | 4 | 1.03 | 0.04 | 0.83 | 13.51 | 159 | 45.58 | 117 | 90 | 70 | 0 | 2 | 3 | 1 | |
| | BEAUFORT | 70 | 53 | 77 | 47 | 61 | -1 | 0.08 | -0.55 | 0.03 | 9.15 | 101 | 38.23 | 85 | 94 | 58 | 0 | 0 | 5 | 0 | |
| | CHARLESTON | 71 | 53 | 76 | 47 | 62 | 1 | 0.29 | -0.29 | 0.19 | 17.08 | 176 | 45.13 | 97 | 93 | 60 | 0 | 0 | 2 | 0 | |
| TX | COLUMBIA | 70 | 47 | 77 | 40 | 59 | 1 | 0.03 | -0.63 | 0.02 | 5.58 | 74 | 35.56 | 83 | 85 | 65 | 0 | 0 | 2 | 0 | |
| | GREENVILLE | 71 | 47 | 78 | 41 | 59 | 5 | 0.08 | -0.80 | 0.08 | 6.24 | 71 | 31.58 | 72 | 84 | 41 | 0 | 0 | 1 | 0 | |
| | ABERDEEN | 53 | 30 | 70 | 20 | 42 | 6 | 0.15 | -0.11 | 0.13 | 8.52 | 228 | 25.13 | 130 | 93 | 69 | 0 | 5 | 3 | 0 | |
| UT | HURON | 55 | 34 | 72 | 20 | 44 | 6 | 0.12 | -0.14 | 0.11 | 8.27 | 224 | 23.84 | 120 | 89 | 59 | 0 | 3 | 2 | 0 | |
| | RAPID CITY | 51 | 31 | 79 | 18 | 41 | 2 | 5.99 | 5.78 | 5.72 | 8.33 | 306 | 26.71 | 168 | 83 | 51 | 0 | 4 | 3 | 1 | |
| | SIOUX FALLS | 57 | 36 | 76 | 25 | 47 | 9 | 0.11 | -0.27 | 0.09 | 7.33 | 148 | 23.98 | 103 | 83 | 62 | 0 | 3 | 3 | 0 | |
| VA | BRISTOL | 70 | 37 | 73 | 32 | 53 | 4 | 0.16 | -0.43 | 0.16 | 3.69 | 61 | 28.93 | 81 | 98 | 36 | 0 | 1 | 1 | 0 | |
| | CHATTANOOGA | 71 | 40 | 75 | 37 | 56 | 2 | 0.31 | -0.65 | 0.31 | 3.89 | 45 | 35.35 | 77 | 94 | 48 | 0 | 0 | 1 | 0 | |
| | KNOXVILLE | 71 | 41 | 74 | 37 | 56 | 4 | 0.17 | -0.58 | 0.17 | 4.99 | 76 | 35.83 | 88 | 93 | 37 | 0 | 0 | 1 | 0 | |
| WA | MEMPHIS | 71 | 48 | 76 | 37 | 59 | 3 | 0.02 | -1.05 | 0.02 | 6.85 | 87 | 52.79 | 119 | 83 | 40 | 0 | 0 | 1 | 0 | |
| | NASHVILLE | 71 | 41 | 76 | 39 | 56 | 3 | 0.52 | -0.33 | 0.52 | 6.43 | 87 | 39.62 | 99 | 90 | 35 | 0 | 0 | 1 | 1 | |
| | ABILENE | 75 | 48 | 84 | 33 | 62 | 4 | 0.00 | -0.41 | 0.00 | 5.67 | 90 | 25.40 | 117 | 68 | 34 | 0 | 0 | 0 | 0 | |
| WV | AMARILLO | 70 | 39 | 81 | 27 | 55 | 5 | 0.00 | -0.23 | 0.00 | 5.19 | 142 | 20.47 | 109 | 75 | 20 | 0 | 3 | 0 | 0 | |
| | AUSTIN | 83 | 49 | 90 | 34 | 66 | 2 | 0.04 | -0.70 | 0.02 | 1.58 | 20 | 17.71 | 60 | 73 | 38 | 1 | 0 | 2 | 0 | |
| | BEAUMONT | 79 | 54 | 86 | 42 | 67 | 3 | 0.00 | -1.03 | 0.00 | 9.93 | 83 | 47.56 | 93 | 97 | 38 | 0 | 0 | 0 | 0 | |
| WY | BROWNSVILLE | 83 | 63 | 84 | 57 | 73 | 2 | 0.02 | -0.48 | 0.02 | 12.85 | 133 | 35.52 | 141 | 91 | 64 | 0 | 0 | 1 | 0 | |
| | CORPUS CHRISTI | 83 | 59 | 86 | 46 | 71 | 3 | 0.02 | -0.48 | 0.02 | 3.84 | 40 | 30.35 | 103 | 90 | 51 | 0 | 0 | 1 | 0 | |
| | DEL RIO | 80 | 53 | 85 | 39 | 66 | 2 | 0.00 | -0.27 | 0.00 | 0.44 | 10 | 18.94 | 113 | 73 | 38 | 0 | 0 | 0 | 0 | |
| AZ | EL PASO | 72 | 44 | 81 | 28 | 58 | 1 | 0.00 | -0.06 | 0.00 | 1.67 | 67 | 9.44 | 114 | 36 | 15 | 0 | 2 | 0 | 0 | |
| | FORT WORTH | 79 | 57 | 86 | 46 | 68 | 9 | 0.12 | -0.60 | 0.12 | 3.27 | 44 | 23.25 | 76 | 69 | 30 | 0 | 0 | 1 | 0 | |
| | GALVESTON | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |
| CA | HOUSTON | 78 | 54 | 84 | 43 | 66 | 2 | 0.00 | -1.02 | 0.00 | 21.00 | 210 | 50.03 | 122 | 93 | 52 | 0 | 0 | 0 | 0 | |
| | LUBBOCK | 73 | 42 | 81 | 28 | 57 | 4 | 0.00 | -0.19 | 0.00 | 12.48 | 278 | 28.34 | 162 | 73 | 35 | 0 | 2 | 0 | 0 | |
| | MIDLAND | 73 | 44 | 82 | 28 | 59 | 2 | 0.00 | -0.19 | 0.00 | 3.85 | 90 | 11.38 | 83 | 64 | 31 | 0 | 2 | 0 | 0 | |
| NM | SAN ANGELO | 77 | 46 | 85 | 26 | 62 | 4 | 0.00 | -0.33 | 0.00 | 5.80 | 98 | 20.50 | 106 | 72 | 32 | 0 | 2 | 0 | 0 | |
| | SAN ANTONIO | 82 | 55 | 86 | 43 | 69 | 5 | 0.00 | -0.74 | 0.00 | 0.72 | 9 | 14.60 | 50 | 78 | 28 | 0 | 0 | 0 | 0 | |
| | VICTORIA | 82 | 53 | 86 | 38 | 67 | 1 | 0.14 | -0.54 | 0.09 | 3.19 | 32 | 21.09 | 59 | 90 | 41 | 0 | 0 | 5 | 0 | |
| ND | WACO | 79 | 51 | 83 | 38 | 65 | 4 | 0.04 | -0.59 | 0.04 | 4.56 | 63 | 42.26 | 147 | 80 | 38 | 0 | 0 | 1 | 0 | |
| | WICHITA FALLS | 76 | 48 | 84 | 35 | 62 | 5 | 0.01 | -0.45 | 0.01 | 5.14 | 75 | 26.74 | 103 | 72 | 38 | 0 | 0 | 1 | 0 | |
| | SALT LAKE CITY | 52 | 34 | 65 | 25 | 43 | -2 | 0.96 | 0.63 | 0.40 | 2.57 | 78 | 10.34 | 73 | 86 | 49 | 0 | 2 | 3 | 0 | |
| MT | BURLINGTON | 57 | 41 | 64 | 25 | 49 | 8 | 0.16 | -0.56 | 0.16 | 6.25 | 80 | 35.66 | 113 | 88 | 58 | 0 | 1 | 1 | 0 | |
| | LYNCHBURG | 68 | 47 | 76 | 42 | 57 | 7 | 0.15 | -0.56 | 0.15 | 4.52 | 56 | 24.27 | 64 | 88 | 53 | 0 | 0 | 1 | 0 | |
| | NORFOLK | 64 | 54 | 71 | 42 | 59 | 4 | 1.38 | 0.66 | 0.91 | 12.27 | 147 | 34.08 | 84 | 96 | 77 | 0 | 0 | 5 | 1 | |
| DC | RICHMOND | 68 | 53 | 75 | 44 | 61 | 9 | 0.41 | -0.32 | 0.33 | 7.67 | 91 | 42.41 | 110 | 88 | 73 | 0 | 0 | 4 | 0 | |
| | ROANOKE | 69 | 48 | 78 | 42 | 59 | 8 | 0.03 | -0.69 | 0.03 | 4.10 | 52 | 29.05 | 78 | 79 | 57 | 0 | 0 | 1 | 0 | |
| | WASH/DULLES | 65 | 51 | 72 | 45 | 58 | 9 | 0.15 | -0.61 | 0.07 | 8.65 | 107 | 39.27 | 108 | 91 | 69 | 0 | 0 | 4 | 0 | |
| HI | OLYMPIA | 55 | 44 | 61 | 31 | 50 | 5 | 4.93 | 3.30 | 2.21 | 8.67 | 107 | 30.90 | 84 | 92 | 80 | 0 | 1 | 6 | 3 | |
| | QUILLAYUTE | 54 | 45 | 57 | 37 | 50 | 4 | 9.49 | 6.30 | 3.93 | 19.80 | 113 | 68.30 | 90 | 94 | 83 | 0 | 0 | 7 | 3 | |
| | SEATTLE-TACOMA | 56 | 47 | 62 | 38 | 52 | 4 | 4.53 | 3.33 | 1.83 | 7.63 | 123 | 25.87 | 96 | 88 | 76 | 0 | 0 | 6 | 3 | |
| AK | SPOKANE | 46 | 36 | 56 | 29 | 41 | 2 | 0.63 | 0.21 | 0.20 | 1.52 | 66 | 12.97 | 103 | 97 | 75 | 0 | 2 | 5 | 0 | |
| | YAKIMA | 50 | 37 | 61 | 24 | 44 | 3 | 0.90 | 0.72 | 0.52 | 1.57 | 140 | 4.79 | 79 | 94 | 78 | 0 | 2 | 6 | 1 | |
| | BECKLEY | 65 | 40 | 71 | 35 | 53 | 6 | 0.08 | -0.51 | 0.07 | 2.14 | 33 | 37.55 | 103 | 92 | 57 | 0 | 0 | 2 | 0 | |
| MS | CHARLESTON | 71 | 42 | 75 | 39 | 57 | 8 | 0.04 | -0.71 | 0.04 | 3.12 | 45 | 37.63 | 99 | 90 | 36 | 0 | 0 | 1 | 0 | |
| | ELKINS | 68 | 35 | 74 | 31 | 52 | 8 | 0.00 | -0.70 | 0.00 | 2.85 | 38 | 35.44 | 89 | 96 | 36 | 0 | 1 | 0 | 0 | |
| | HUNTINGTON | 70 | 42 | 74 | 39 | 56 | 7 | 0.25 | -0.46 | 0.25 | 2.08 | 33 | 34.15 | 94 | 89 | 38 | 0 | 0 | | | |

October Weather and Crop Summary

Weather

Weather summary provided by USDA/WAOB

Heavy precipitation soaked much of the nation's mid-section, hampering fieldwork but providing abundant moisture for emerging winter wheat. The heaviest band of rain, totaling at least twice the October normal, stretched from northern Texas to the Red River (of the North) Valley. Crop concerns related to the excessive wetness included sugarbeet quality and delayed corn, cotton, and sorghum harvesting. The Midwestern corn harvest was also significantly delayed, but largely due to late maturation. In fact, October dryness in the eastern Corn Belt was favorable for summer crop dry down and harvesting, but remained a concern with respect to soft red winter wheat establishment. By November 2, the corn harvest ranged from 26 to 58 points behind the 5-year average pace in six Midwestern States (Illinois, Iowa, Minnesota, Nebraska, and the Dakotas). Similarly, the sorghum harvest lagged the 2003-07 average pace by 27 to 48 points in six states (Illinois, Kansas, Missouri, Nebraska, Oklahoma, and South Dakota). In contrast, autumn fieldwork advanced across the South and East with few delays, especially in the western and central Gulf Coast States and the Mid-Atlantic region. In Louisiana, harvesting of rice and sorghum was complete by November 2, while only a small amount of cotton and soybeans remained in the field. After mid-month, heavy rain briefly affected the lower Southeast, including heavily agricultural areas of southwestern Georgia. Elsewhere, occasionally stormy October weather in the Northeast included some late-month snow, while warm, mostly dry conditions prevailed in the West. At month's end, however, much-needed precipitation spread into California and the Northwest, aiding pastures, rangeland, and emerging winter grains.

The first half of the month featured generally warm weather across the eastern half of the nation and cool conditions in the West. Following a mid-month reversal in the weather pattern, warmth developed across the West, while a series of cold outbreaks chilled the remainder of the U.S. Between mid-October and month's end, progressively colder conditions ended the growing season from the northern Plains and the upper Midwest deep into the Southeast. Interestingly, Bismarck, ND, noted its latest first freeze on record on October 14, followed by the second-earliest autumn freeze in Mobile, AL, on October 29. Several locations in Florida, including Tallahassee (29 degrees F) and Jacksonville (33 degrees F), posted monthly record lows on October 29. In the upper Midwest, nearly all of the corn was dented at the time of the season-ending, mid-October freezes, but as much as 15 to 25 percent (%) of the crop was not yet fully mature. On the southern Plains, freezes on October 23-24 helped to defoliate mature cotton but threatened harm to late-developing cotton and sorghum.

October opened on a hot note in southern California, where downtown Los Angeles (100°F on October 1), posted a daily-record high. Other Western daily-record highs included 88°F (on October 1) in Lewiston, ID, and 89°F (on October 2) in Delta, UT. In western Washington, however, Quillayute netted 2.91 inches of rain from October 2-4. Farther inland, Pocatello, ID, collected consecutive daily-record rainfall totals on October 3-4 (0.32 and 0.63 inch, respectively). Measurable rain fell as far south as California, where daily-record amounts for October 4 included 0.46 inch in Modesto and 0.17 inch in Sacramento. Farther east, an early-October freeze was mostly confined to non-Corn Belt areas of the upper Great Lakes region. International Falls, MN

(20°F), posted a daily-record low on October 3, followed the next day by lows of 27°F in Elkader, IA, and 30°F in both Madison, WI, and Muskegon, MI. In contrast, parts of the Dakotas continued to avoid a freeze.

By October 5, heavy rain developed across the south-central U.S., where Childress, TX (2.20 inches), collected a daily-record amount. The next day, records were set in locations such as Kearney, NE (3.67 inches), and Fort Smith, AR (2.77 inches). By October 7, rain spread across the South and Midwest, resulting in daily-record totals in locations such as Pine Bluff, AR (4.56 inches); Melbourne, FL (2.91 inches); Tupelo, MS (2.68 inches); and Rochester, MN (1.62 inches). Rochester's total represented its ninth-wettest October day on record and wettest October day since 1997, when 1.81 inches fell on October 12. Similarly, the 3.01-inch total on October 8 in Huntsville, AL, marked its wettest October day since October 25, 1997. It was also Huntsville's wettest day during any month since December 6, 2004, when 3.07 inches fell. In Georgia, Atlanta's 1.80-inch total on October 8 ended a 25-day spell (September 13 - October 7) without measurable rainfall. Atlanta last experienced a longer dry spell (28 days) in October-November 2001.

Farther west, record-setting warmth developed in southern California in advance of a winter-like storm. El Cajon, CA (98 and 101°F), notched consecutive daily-record highs on October 7-8. Other daily-record highs in California on October 8 included 103°F in Riverside and 99°F in Santa Ana. Two days later, however, much colder air swept into the West on northwesterly wind gusts that reached 70 m.p.h. on southern California's Whitaker Peak. In the Pacific Northwest, there were consecutive daily-record lows (on October 10 and 11) in locations such as Astoria, OR (34 and 32°F), and Quillayute, WA (31 and 29°F). Other daily-record lows for October 11 included 25°F in Pendleton, OR; 26°F in Bellingham, WA; and 31°F in Sandberg, CA. Meanwhile, heavy precipitation developed across parts of the northern Plains and northern Intermountain West. Grand Forks, ND (1.16 inches) collected a daily-record rainfall total for October 11. In Idaho, Boise (1.7 inches on October 10) noted its earliest measurable snowfall on record, previously established with a 1.2-inch total on October 12, 1969. Billings, MT, measured an October 9-13 storm total of 12.9 inches. Elsewhere in Montana, Glasgow (storm total of 13.6 inches from October 11-13), received more snow (12.8 inches) on October 12 than any other entire October on record. Previously, Glasgow's daily and monthly record for October was 11.5 inches, all of which fell on October 12, 1924.

From October 10-12, the 29.7-inch snowfall in Lander, WY, represented its greatest October storm and seventh-highest single-storm total on record. In Carbon, Madison, and Sweet Grass Counties of southern Montana, unofficial snowfall totals at a few high-elevation observation sites topped 4 feet. Heavy snow fell as far east as western North Dakota, where Williston received 8.4 inches from October 11-13. Farther south, Bishop, CA, noted its earliest trace of snow on record on October 11 (previously, October 19, 1949). Meanwhile on the Plains, North Platte, NE (2.95 inches of rain from October 11-13), experienced its wettest 3-day period in October since 1946, when 3.79 inches fell from October 4-6. October 11-14 storm totals on the High Plains included 3.58 inches in Dodge City, KS, 4.66 inches in Guymon, OK, and 4.87 inches in Dalhart, TX. Storm-total rainfall reached 2.37 inches in Wichita, KS, propelling its year-to-date

precipitation to a record-high annual value of 50.72 inches (previously, 50.48 inches in 1951). By month's end, Wichita's year-to-date precipitation reached 51.19 inches (188% of normal).

Very cold air trailed the storm into the western and north-central U.S. In Colorado, Grand Junction collected three consecutive daily-record lows (28, 24, and 26°F) from October 12-14. Bryce Canyon Airport, UT (11, 8, and 14°F), also noted three record lows in a row from October 12-14. Butte, MT, dipped to 10°F on October 12 and 13, setting records on both dates. On October 13, daily-record lows of 7°F were reported in locations such as Ely, NV, and Gunnison, CO. Bismarck, ND, finally recorded its first autumn freeze with a low of 27°F on October 14, breaking the record established on October 11, 1980. Farther south, Tucson, AZ (38°F on October 13), recorded its lowest reading during the first half of October since October 10, 1949, when it was also 38°F. In contrast, October 12 featured daily-record highs of 87°F in Louisville, KY, and 87°F in Fort Wayne, IN, while readings topped 80°F as far north as Green Bay, WI (82°F). Warmth continued for several more days in the East, especially on October 16 in advance of a cold front's passage. Record highs for October 16 soared to 87°F in both Norfolk, VA, and Georgetown, DE. Elsewhere, the Sesnon and Marek wildfires briefly flared across southern California, northeast of Los Angeles. By October 17, the Sesnon fire had reportedly charred nearly 15,000 acres and claimed more than a dozen homes, while the Marek fire had burned approximately 5,000 acres but destroyed more than 40 residences.

During the last 2 weeks of October, colder weather returned to the East, where daily-record lows included 21°F at both Massena, NY (on October 19), and Bangor, ME (on October 20). A later surge of cold weather peaked across New England on October 23, when daily-record lows in Maine included 14°F in Allagash, 17°F in Fort Kent, and 20°F in Caribou. Between the cold snaps, as much as 2 to 6 inches of snow fell across northern Maine, with Fort Kent noting 4.0 inches on October 21-22. Meanwhile, a developing storm across the nation's mid-section brought another round of heavy precipitation. As a result, October precipitation records were broken in locations such as Hastings, NE (6.16 inches; previously, 4.76 inches in 2007), and Dodge City, KS (5.00 inches; previously, 4.94 inches in 1997). In Lincoln, IL, the year-to-date precipitation through October climbed to 50.71 inches (155% of normal), second only to a 50.84-inch annual total in 1927. Specific daily-record totals for October 22 associated with the storm included 3.70 inches in Houston, TX; 2.31 inches in Kearney, NE; and 2.25 inches in Sioux City, IA. Official snowfall totals for October 23 included 2.0 inches (along with a north-northwesterly wind gust to 56 m.p.h.) in Goodland, KS, and 1.1 inches in North Platte, NE. A separate area of heavy precipitation affected southern Florida, dumping 7.30 inches of rain in Key West on October 22. That total represented Key West's 11th-wettest day during its 138-year period of record.

Cold air trailed the storm system into the Northwest, the Plains, and eventually much of the remainder of the U.S. By October 22, daily-record lows dipped to 17°F in Idaho Falls, ID, and 14°F at the Bryce Canyon Airport in Utah. The following day, records for October 23 fell to 4°F in Alamosa, CO, and 30°F in San Angelo, TX. Elsewhere in Texas, Lubbock's first freeze (31°F on October 23) occurred 8 days earlier than the normal first autumn freeze date of October 31. On October 24, the first hard freeze—a temperature of 28°F or lower—of the season occurred in locations such as Guymon, OK (25°F), and Amarillo, TX (27°F). Meanwhile, wet, windy weather prevailed in the East. Daily-

record rainfall totals for October 24 reached 6.57 inches in Charleston, SC, and 3.61 inches in Savannah, GA. Previously, Charleston's wettest October day had occurred on October 11, 1990, when 4.48 inches fell. By October 25, daily-record totals included 3.35 inches in Mt. Pocono, PA, and 2.06 inches in Albany, NY, while wind gusts were clocked to 62 m.p.h. in both Milton (Blue Hill Observatory), MA, and Wrightsville Beach, NC.

Toward month's end, high winds swept across the Plains and the Midwest. On October 26, gusts were clocked to 66 m.p.h. in Pierre, SD; 64 m.p.h. in Valentine, NE; and 62 m.p.h. in Mason City, IA. Light snow across the northern Plains and the Great Lakes region resulted in daily-record totals in locations such as Fargo, ND (1.4 inches on October 26), and Rhinelander, WI (2.0 inches on October 27). Meanwhile, a strong high-pressure system settled across the South, where Dallas-Ft. Worth, TX, set a monthly barometric pressure record (30.70 inches of mercury on October 27; previously, 30.69 inches on October 27, 1957).

Cold weather accompanied the high-pressure system, resulting in numerous daily-record lows. Areas of the Midwest that had not experienced a killing freeze saw the growing season end on October 28, when daily-record lows in Missouri dipped to 26°F in both Joplin and Vichy-Rolla. Other daily records for October 28 included 28°F in Greenwood, MS, and 32°F in Alexandria, LA. The following day, Tallahassee, FL (29°F), edged its October record of 30°F, which had been established on October 30, 1973, October 21, 1989, and October 31, 1993. Record lows for October 29 were set in locations such as Tuscaloosa, AL (27°F); Mobile, AL (32°F); and Gainesville, FL (32°F). Mobile's earliest freeze on record occurred on October 28, 1957. Jacksonville, FL (33°F on October 29) shattered its monthly record low of 36°F, which had been established on October 21, 1989. Elsewhere in Florida, Lakeland (38°F on October 29) easily broke its October record, which had been set with a low of 42°F on October 21, 1989. Cold weather lingered along the Atlantic Seaboard through October 31, when daily-record lows included 28°F in Elizabeth City, NC, and 32°F in North Myrtle Beach, SC. In contrast, unusually warm weather prevailed in the West, where Riverside, CA, posted consecutive daily-record highs on October 27-28 (98 and 103°F, respectively). Other Western record highs included 99°F (on October 27) in Blythe, CA; 98°F (on October 28) in Woodland Hills, CA; and 94°F (on October 30) in Phoenix, AZ. In fact, highs in Phoenix exceeded 90°F on 7 consecutive days from October 26 - November 1.

On October 28-29, heavy snow developed across the interior Northeast, where unofficial totals topped a foot in locations such as East Jewett, NY (20 inches), Tobyhanna, PA (16 inches), and New Jersey's High Point State Park (14 inches). Vermont's Mount Mansfield received 12 inches of snow on October 29, a record for the date. Farther south, a trace of snow fell in Asheville, NC, on October 27-28. Later, stormy weather arrived in the West. In the northern Sierra Nevada foothills, 4- to 8-inch rainfall totals were observed from October 30 - November 2. In Butte County, CA, Stirling City netted 7.52 inches.

Alaska endured a very cold month, with temperatures averaging as much as 10°F below normal. In fact, it was the coldest October on record in Bethel, with an average temperature of 20.9°F (9.3°F below normal). Bethel's previous October record of 24.0°F was set in 1924. In addition, it was the second-coldest October in McGrath (10.4°F below normal), behind 1965, and the fourth-coldest October in Fairbanks (8.4°F below normal). On October 26, readings dipped to -42°F at Chandalar Lake and a daily-record

low of -30°F in Bettles. The following day, Bettles notched another daily-record low (-31°F). Meanwhile in southeastern Alaska, October ended with monthly precipitation totals of 40.77 inches in Pelican and 15.05 inches (181 percent of normal) in Juneau.

Most of Hawaii experienced another unfavorably dry month, although locally heavy showers dampened windward locations toward month's end. Much of Kauai's late-month rain fell on October 28, with showers later spreading to the other islands. Kauai's 12-hour rainfall totals on October 28 included 5.61 inches in Kapahi, 4.43 inches in Wailua, and 4.39 inches in Hanalei. Later, as much as 2 to 4 inches fell in windward locations on all of the major Hawaiian islands on October 30-31. Through October, year-to-date rainfall stood at 3.79 inches (28% of normal) in Kahului, Maui, and 4.25 inches (32%) in Honolulu, Oahu.

Fieldwork

Fieldwork summary provided by USDA/NASS

Nationally, 73 percent (%) of the corn crop was mature on October 5, about 2 weeks behind the 5-year average. However, by October 26, nearly all of the acreage was mature, lagging only 3 points behind the 5-year average of 99%. The harvest pace lagged more than 2 weeks behind the 5-year average throughout the month, as the late-maturing crop limited progress. Slow starts in Illinois and Missouri contributed to the late harvest progress early in the month. Late starts and slow progress in the western Corn Belt and Great Plains added to the delays after mid-month. By October 26, only 39% of the harvest was complete, compared with 66% normally harvested by this date. Condition of the corn crop improved slightly during the month, as the percentage rated good to excellent increased from 61 to 64% between October 5 and 26.

The nation's sorghum crop reached maturity more than 1 week later than normal during October. Ripening advanced from 57% mature on October 5 to 91% mature on October 26. In the Delta, virtually all of the acreage was mature by October 5, but development lagged far behind normal in the southern and western Corn Belt. The harvest pace fell behind normal early, and by the end of the month, harvest progress trailed the 5-year average by more than 1 week. Harvest advanced from 39% complete on October 5 to 49% on October 26. Harvest was complete in Louisiana by mid-month, and Arkansas growers finished harvest by the end of the month. However, the harvest pace lagged far behind normal in the Corn Belt and Great Plains, where less than one-half of the acreage was harvested by October 26. The sorghum crop was rated 54% good to excellent on October 5, then improved slightly through mid-month before slipping to 53% good to excellent on November 2.

Winter wheat seeding progressed near the 5-year average pace for most of the month, trailing the 5-year average of 60% by only 1 percentage point on October 5 and lagging only 2 percentage points on November 2. Delayed seeding progress in the southern Corn Belt and Delta was partially offset by near-normal progress in the Great Plains and a faster-than-normal pace in the eastern Corn Belt. Acreage was 28% emerged by October 5, three points ahead of last year but 2 points behind the 5-year average. Near-normal temperatures and adequate precipitation supported emergence in most wheat-producing areas of the Great Plains. By November 2, the crop was 76% emerged, ahead of last year's pace of 74% but behind the 5-year average of 78%. The crop was rated 65% good to excellent on October 26, the first condition rating of

the season, and improved 2 points to 67% good to excellent on November 2.

The rice harvest was 69% complete on October 5, well behind last year's 82-percent pace and nearly 2 weeks behind the 5-year average. By mid-month, harvest was complete in Texas and nearly complete in Louisiana. On October 26, harvest was 95% complete, slightly ahead of last year's 94-percent pace but 1 point behind the 5-year average.

Soybean acreage at or beyond the leaf-dropping stage advanced from 83% on October 5 to 95% on October 19. Progress lagged normal by more than 1 week due to late development in the Mississippi Valley and southern Atlantic Coast. Development was furthest behind in Missouri, Arkansas, and North Carolina. Harvest was 31% complete on October 5 and advanced to 86% complete by November 2. The harvest pace was steady but lagged normal by nearly 1 week throughout the month. Harvest delays were most evident in Arkansas, Illinois, and Mississippi, while progress in the eastern Corn Belt advanced well ahead of the 5-year average. Condition of the soybean crop was rated 57% good to excellent on October 12, the last rating of the season.

Sunflower harvest advanced from 7% complete on October 12 to 51% on November 2. The early harvest pace was slow and progress lagged far behind normal through the end of the month, despite a rapid acceleration during the final week. Harvest lagged in all States except Colorado, where progress remained at or ahead of normal. During the last week of the month, North Dakota growers harvested one-third of their acreage, while Kansas and South Dakota producers harvested nearly one-fourth of their crop.

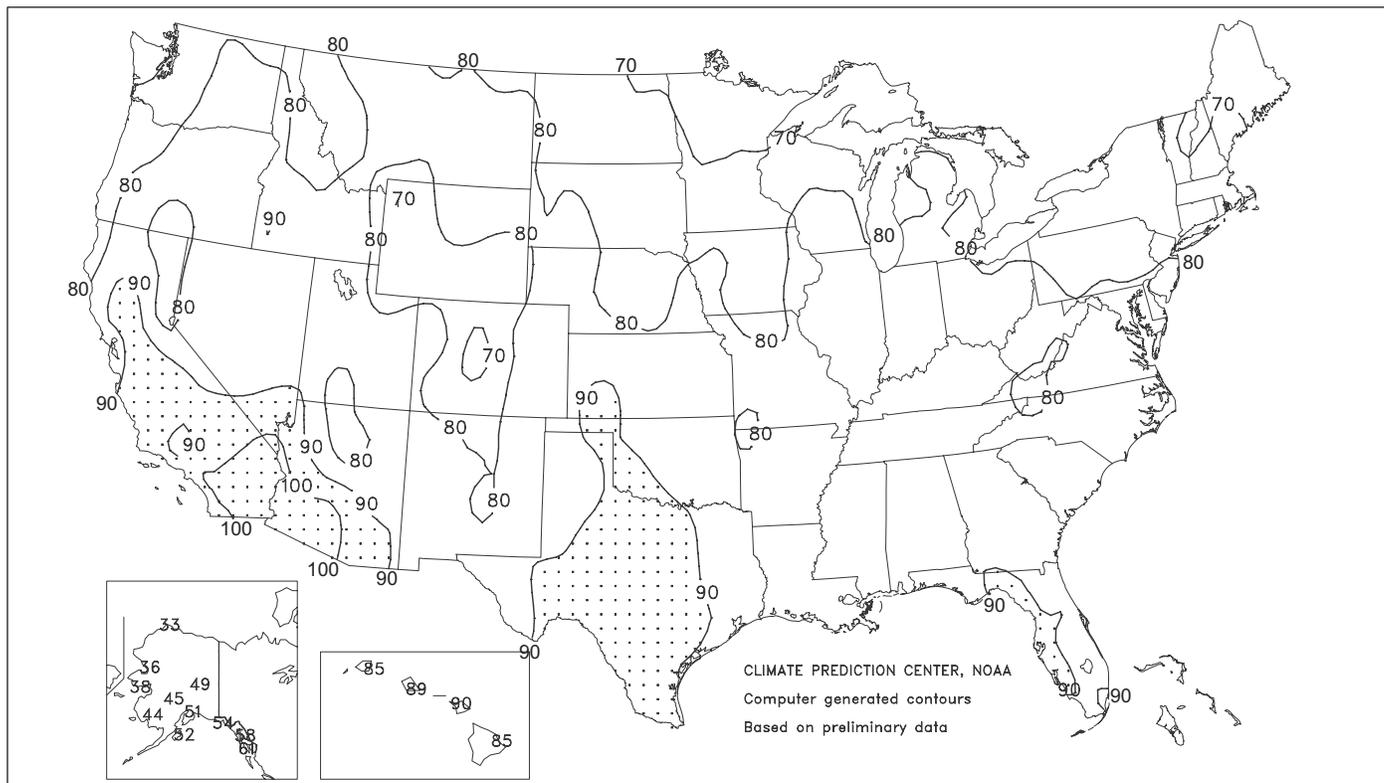
Peanut harvest was 27% complete early in the month, 10 points ahead of last year and the same as the 5-year average. Major harvest activity was apparent in the Southeast and Oklahoma. By month's end, 79% of the crop was harvested, 8 points ahead of last year and 1 point ahead of the 5-year average. Harvest was within 7 points of normal in all States except Oklahoma, where progress lagged 11 points behind the average. On October 19, the last condition rating of the season, peanut acreage was rated 66% good to excellent.

Nationally, 77% of the cotton acreage had open bolls on October 5 and that number reached 95% by November 2. Development progressed slightly behind last year's pace and the 5-year average. Harvest of the cotton crop was 16% complete on October 5, and advanced to 47% complete by November 2. Harvest progress was about 2 weeks behind normal at the beginning of the month and remained more than 1 week behind thereafter. Picking delays were most evident in Mississippi, but progress also lagged well behind the 5-year average in California. The harvest pace trailed the 5-year average in Arkansas early in the month, but exceeded the normal pace by November 2. In Tennessee, picking progressed well ahead of normal through most of the month. By month's end, condition of the cotton crop was rated 47% good to excellent, a 3-point decline from early October.

The sugarbeet harvest advanced from 30% complete on October 5 to 89% complete on November 2. Progress was slightly ahead of the 5-year average at the beginning of the month, but the harvest pace lagged normal thereafter, falling nearly 1 week behind the 5-year average by October 26. A busy harvest pace in Idaho and Michigan narrowed the gap during the final week, but progress remained about 2 days behind normal when the month ended.

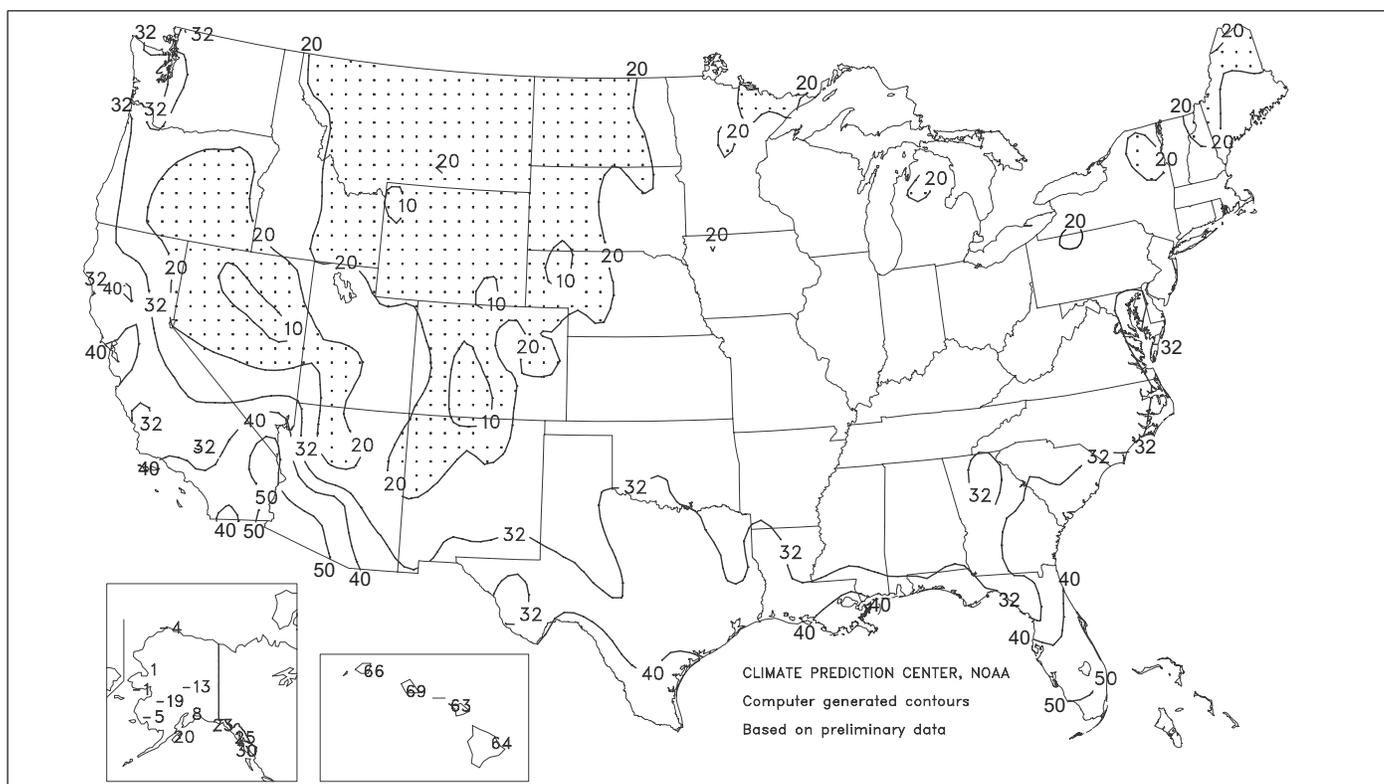
Extreme Maximum Temperature (°F)

October 2008



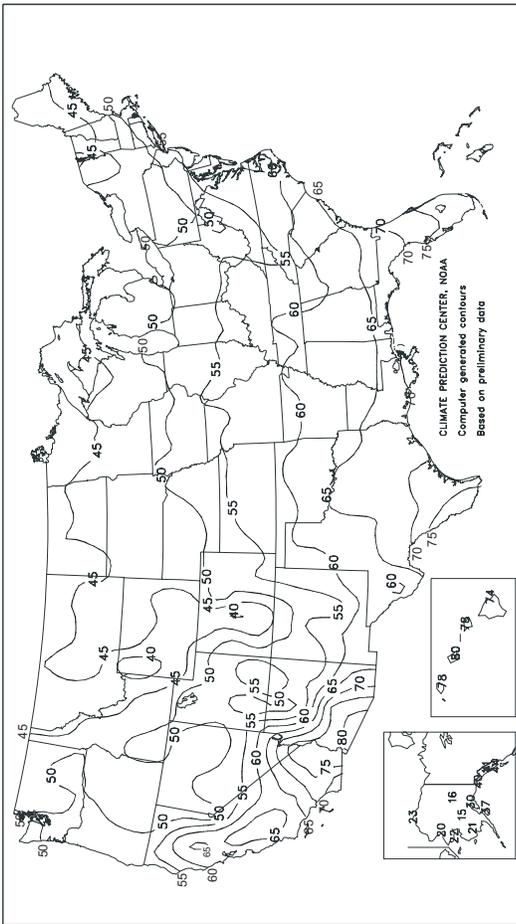
Extreme Minimum Temperature (°F)

October 2008



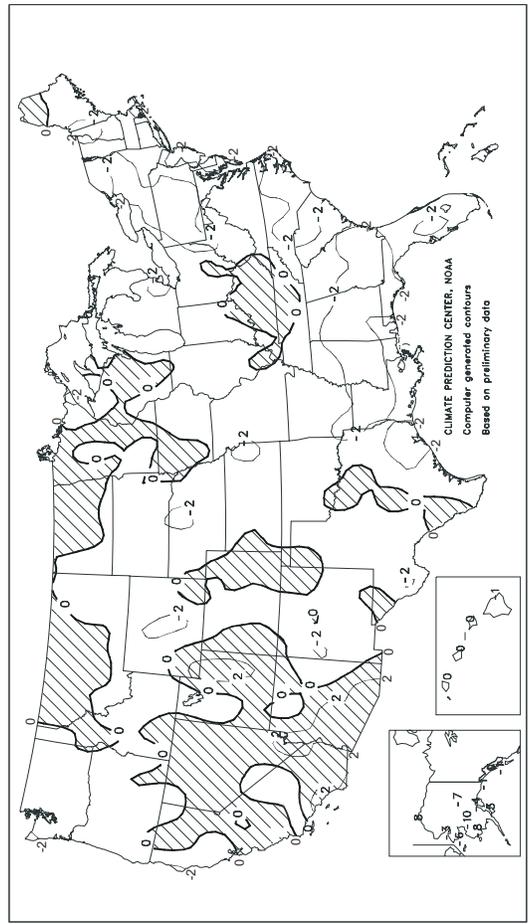
Average Temperature (°F)

October 2008



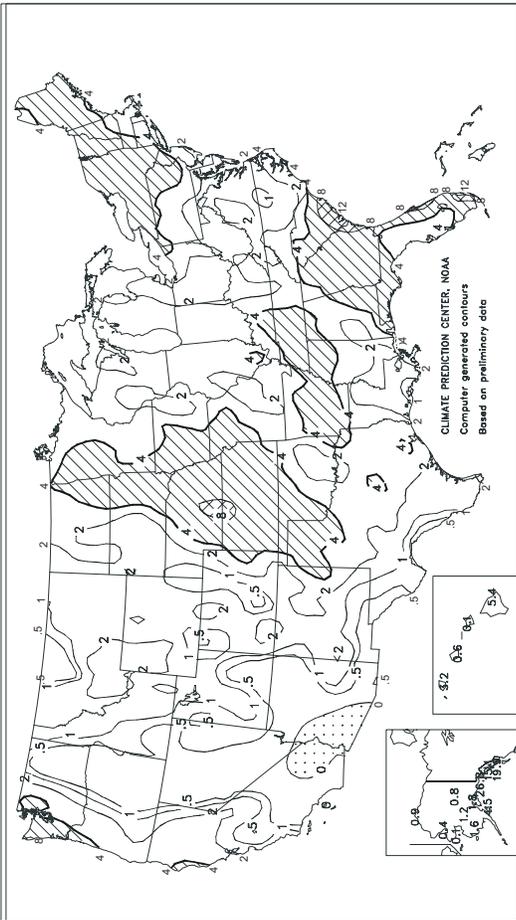
Departure of Average Temperature from Normal (°F)

October 2008



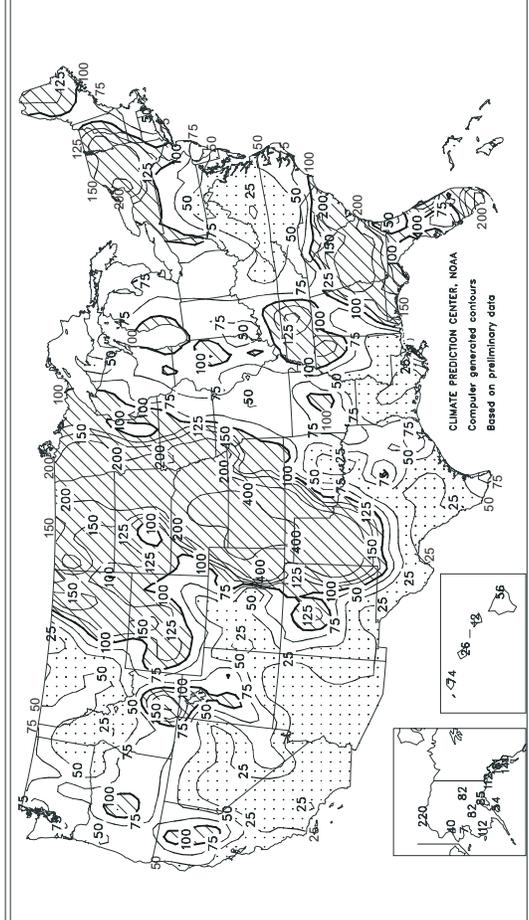
Total Precipitation (inches)

October 2008



Percent of Normal Precipitation

October 2008



TEMPERATURE AND PRECIPITATION SUMMARY

October 2008

| STATES AND STATIONS | TEMP, °F | | PRECIP. | | STATES AND STATIONS | TEMP, °F | | PRECIP. | | STATES AND STATIONS | TEMP, °F | | PRECIP. | |
|---------------------|----------|-----------|---------|-----------|---------------------|----------|-----------|---------|-----------|---------------------|----------|-----------|---------|-----------|
| | AVERAGE | DEPARTURE | TOTAL | DEPARTURE | | AVERAGE | DEPARTURE | TOTAL | DEPARTURE | | AVERAGE | DEPARTURE | TOTAL | DEPARTURE |
| AL BIRMINGHAM | 63 | 0 | 1.94 | -1.29 | LEXINGTON | 57 | 0 | 1.53 | -1.17 | COLUMBUS | 55 | 0 | 1.44 | -0.87 |
| HUNTSVILLE | 62 | 1 | 4.12 | 0.58 | LONDON-CORBIN | 57 | 1 | 0.90 | -1.90 | DAYTON | 54 | 1 | 1.18 | -1.54 |
| MOBILE | 66 | -2 | 3.06 | -0.19 | LOUISVILLE | 60 | 2 | 2.26 | -0.53 | MANSFIELD | 50 | -1 | 1.46 | -1.22 |
| MONTGOMERY | 64 | -1 | 3.53 | 0.95 | LODUCAH | 59 | 1 | 3.29 | -0.16 | TOLEDO | 51 | -1 | 1.50 | -0.85 |
| AK ANCHORAGE | 30 | -4 | 1.77 | -0.31 | LA BATON ROUGE | 68 | 0 | 0.26 | -3.55 | YOUNGSTOWN | 50 | -1 | 2.25 | -0.21 |
| BARROW | 23 | 8 | 0.86 | 0.47 | LAKE CHARLES | 68 | -1 | 1.45 | -2.49 | OK OKLAHOMA CITY | 61 | -1 | 1.63 | -2.01 |
| COLD BAY | 38 | -2 | 4.90 | 0.36 | NEW ORLEANS | 70 | 0 | 1.78 | -1.27 | TULSA | 62 | -1 | 2.75 | -1.30 |
| FAIRBANKS | 16 | -8 | 0.76 | -0.16 | SHREVEPORT | 65 | -2 | 1.42 | -3.03 | OR ASTORIA | 53 | 0 | 4.16 | -1.45 |
| JUNEAU | 41 | -1 | 15.05 | 6.75 | ME BANGOR | 47 | -1 | 3.47 | -0.01 | BURNS | 46 | 2 | 0.67 | -0.05 |
| KING SALMON | 29 | -4 | 2.70 | 0.61 | CARIBOU | 43 | 0 | 4.76 | 1.72 | EUGENE | 52 | -1 | 1.73 | -1.62 |
| KODIAK | 37 | -3 | 4.53 | -3.83 | PORTLAND | 49 | 1 | 3.19 | -1.21 | MEDFORD | 56 | 1 | 0.40 | -0.91 |
| NOME | 22 | -7 | 0.11 | -1.47 | MD BALTIMORE | 55 | 0 | 1.27 | -1.89 | PENDLETON | 51 | -1 | 0.32 | -0.67 |
| AZ FLAGSTAFF | 48 | 1 | 0.21 | -1.72 | MA BOSTON | 53 | -1 | 1.41 | -2.38 | PORTLAND | 54 | 0 | 1.77 | -1.11 |
| PHOENIX | 78 | 3 | 0.00 | -0.79 | WORCESTER | 50 | 0 | 2.62 | -2.05 | SALEM | 52 | -1 | 0.97 | -2.06 |
| TUCSON | 73 | 2 | 0.00 | -1.21 | MI ALPENA | 46 | 0 | 1.36 | -0.97 | PA ALLENTOWN | 50 | -2 | 3.03 | -0.30 |
| AR FORT SMITH | 62 | -1 | 3.65 | -0.29 | DETROIT | 50 | -2 | 1.15 | -1.08 | ERIE | 52 | -1 | 4.81 | 0.89 |
| LITTLE ROCK | 63 | 0 | 4.94 | 0.69 | FLINT | 47 | -2 | 1.26 | -1.08 | MIDDLETOWN | 53 | -2 | 1.91 | -1.02 |
| CA BAKERSFIELD | 68 | 1 | 0.00 | -0.30 | GRAND RAPIDS | 50 | 0 | 2.71 | -0.09 | PHILADELPHIA | 56 | -1 | 1.59 | -1.16 |
| EUREKA | 52 | -3 | 0.93 | -1.43 | HOUGHTON LAKE | 44 | -2 | 1.54 | -0.72 | PITTSBURGH | 51 | -2 | 2.01 | -0.24 |
| FRESNO | 67 | 2 | 0.23 | -0.42 | LANSING | 48 | -1 | 2.12 | -0.17 | WILKES-BARRE | 49 | -2 | 2.52 | -0.50 |
| LOS ANGELES | 69 | 2 | 0.00 | -0.36 | MUSKEGON | 49 | -1 | 3.40 | 0.60 | WILLIAMSPORT | 50 | -1 | 2.36 | -0.83 |
| REDDING | 65 | 2 | 1.30 | -0.88 | TRVERSE CITY | 48 | -1 | 1.78 | -1.16 | PR SAN JUAN | 82 | 0 | 5.32 | 0.26 |
| SACRAMENTO | 64 | 0 | 0.84 | -0.05 | MN DULUTH | 45 | 1 | 2.95 | 0.49 | RI PROVIDENCE | 52 | -1 | 1.49 | -2.20 |
| SAN DIEGO | 69 | 1 | 0.18 | -0.26 | INTL FALLS | 43 | 1 | 2.40 | 0.42 | SC CHARLESTON | 64 | -2 | 11.11 | 8.02 |
| SAN FRANCISCO | 63 | 2 | 0.32 | -0.72 | MINNEAPOLIS | 50 | 1 | 1.96 | -0.15 | COLUMBIA | 61 | -3 | 3.21 | 0.32 |
| STOCKTON | 65 | 0 | 0.26 | -0.56 | ROCHESTER | 50 | 3 | 2.45 | 0.25 | FLORENCE | 62 | -2 | 2.14 | -0.80 |
| CO ALAMOSA | 44 | 1 | 0.85 | 0.18 | ST. CLOUD | 47 | 2 | 2.60 | 0.36 | GREENVILLE | 60 | 0 | 2.42 | -1.46 |
| CO SPRINGS | 51 | 2 | 0.14 | -0.72 | MS JACKSON | 64 | 0 | 2.04 | -1.38 | MYRTLE BEACH | 64 | -1 | 3.33 | 0.10 |
| DENVER | 52 | 2 | 1.45 | 0.58 | MERIDIAN | 62 | -3 | 1.20 | -2.08 | SD ABERDEEN | 46 | -1 | 4.75 | 3.12 |
| GRAND JUNCTION | 54 | 1 | 0.11 | -0.89 | TUPELO | 62 | 0 | 4.96 | 1.58 | HURON | 48 | 0 | 4.88 | 3.29 |
| PUEBLO | 53 | 1 | 0.66 | 0.02 | MO COLUMBIA | 56 | 0 | 1.29 | -1.89 | RAPID CITY | 47 | -1 | 1.47 | 0.10 |
| CT BRIDGEPORT | 53 | -2 | 2.03 | -1.51 | JOPLIN | 59 | -1 | 2.93 | -1.01 | SIoux FALLS | 49 | 1 | 5.44 | 3.51 |
| HARTFORD | 51 | -1 | 2.38 | -1.56 | KANSAS CITY | 56 | -1 | 4.01 | 0.68 | TN BRISTOL | 54 | -1 | 1.01 | -1.29 |
| DC WASHINGTON | 59 | 0 | 1.13 | -2.09 | SPRINGFIELD | 57 | -1 | 2.38 | -1.09 | CHATTANOOGA | 61 | 1 | 2.69 | -0.57 |
| DE WILMINGTON | 55 | -1 | 1.81 | -1.27 | ST JOSEPH | 55 | -2 | 3.70 | 0.42 | JACKSON | 60 | -1 | 3.11 | -0.21 |
| FL DAYTONA BEACH | 74 | 0 | 4.45 | -0.03 | ST LOUIS | 58 | 0 | 1.23 | -1.53 | KNOXVILLE | 59 | 0 | 1.66 | -0.99 |
| FT LAUDERDALE | 80 | 1 | 7.35 | 0.91 | MT BILLINGS | 48 | 0 | 1.82 | 0.56 | MEMPHIS | 64 | 0 | 4.34 | 1.03 |
| FT MYERS | 76 | -2 | 3.44 | 0.85 | BUTTE | 40 | -1 | 0.42 | -0.37 | NASHVILLE | 60 | 0 | 5.03 | 2.16 |
| JACKSONVILLE | 68 | -1 | 1.62 | -2.24 | GLASGOW | 45 | 0 | 1.34 | 0.63 | TX ABILENE | 65 | -1 | 3.16 | 0.26 |
| KEY WEST | 79 | -1 | 12.12 | 7.78 | GREAT FALLS | 47 | 1 | 0.57 | -0.36 | AMARILLO | 58 | 0 | 3.87 | 2.37 |
| MELBOURNE | 75 | 0 | 9.07 | 4.31 | HELENA | 46 | 1 | 0.38 | -0.28 | AUSTIN | 68 | -3 | 1.20 | -2.77 |
| MIAMI | 78 | -1 | 6.51 | 0.32 | KALISPELL | 44 | 2 | 0.43 | -0.53 | BEAUMONT | 69 | -1 | 2.23 | -2.44 |
| ORLANDO | 74 | -1 | 2.65 | -0.08 | MILES CITY | 48 | 0 | 1.68 | 0.55 | BROWNSVILLE | 74 | -1 | 3.26 | -0.52 |
| PENSACOLA | 68 | -1 | 7.95 | 3.82 | MISSOULA | 45 | 1 | 0.64 | -0.19 | COLLEGE STATION | 69 | -2 | 1.74 | -2.48 |
| ST PETERSBURG | 77 | 1 | 3.07 | 0.43 | NE GRAND ISLAND | 52 | 0 | 5.99 | 4.48 | CORPUS CHRISTI | 73 | -1 | 1.88 | -2.06 |
| TALLAHASSEE | 67 | -2 | 4.27 | 1.02 | HASTINGS | 53 | 0 | 6.16 | 4.49 | DALLAS/FT WORTH | 70 | 3 | 2.29 | -1.82 |
| TAMPA | 75 | -1 | 3.52 | 1.23 | LINCOLN | 55 | 2 | 4.79 | 2.85 | DEL RIO | 71 | 0 | 0.16 | -1.84 |
| WEST PALM BEACH | 77 | -1 | 4.25 | -1.21 | MCCOOK | 52 | -1 | 2.66 | 1.38 | EL PASO | 66 | 1 | 0.15 | -0.66 |
| GA ATHENS | 60 | -2 | 5.12 | 1.65 | NORFOLK | 51 | 0 | 5.14 | 3.42 | GALVESTON | *** | *** | *** | *** |
| ATLANTA | 62 | -1 | 3.48 | 0.37 | NORTH PLATTE | 49 | -1 | 4.78 | 3.54 | HOUSTON | 69 | -1 | 8.67 | 4.17 |
| AUGUSTA | 63 | 0 | 3.97 | 0.77 | OMAHA/EPPEL | 55 | 2 | 4.55 | 2.34 | LUBBOCK | 61 | 0 | 3.77 | 2.07 |
| COLUMBUS | 64 | -2 | 5.48 | 3.15 | SCOTTSBLUFF | 48 | 0 | 0.88 | -0.13 | MIDLAND | 64 | 0 | 1.63 | -0.14 |
| MACON | 63 | -1 | 4.85 | 2.48 | VALENTINE | 49 | 1 | 1.98 | 0.76 | SAN ANGELO | 65 | 0 | 1.81 | -0.76 |
| SAVANNAH | 66 | -1 | 9.29 | 6.17 | NV ELKO | 48 | 1 | 0.43 | -0.28 | SAN ANTONIO | 71 | 0 | 0.26 | -3.60 |
| HI HILO | 74 | -2 | 5.40 | -4.24 | ELY | 46 | 1 | 0.16 | -0.84 | VICTORIA | 70 | -2 | 1.36 | -2.90 |
| HONOLULU | 80 | 0 | 0.57 | -1.61 | LAS VEGAS | 71 | 2 | 0.01 | -0.23 | WACO | 67 | -2 | 3.91 | 0.24 |
| KAHULUI | 78 | 0 | 0.13 | -0.92 | RENO | 55 | 3 | 0.11 | -0.31 | WICHITA FALLS | 66 | 1 | 3.41 | 0.30 |
| LIHUE | 78 | 0 | 3.15 | -1.10 | WINNEMUCCA | 49 | 0 | 0.22 | -0.44 | UT SALT LAKE CITY | 53 | 0 | 1.29 | -0.28 |
| ID BOISE | 54 | 1 | 0.75 | -0.01 | NH CONCORD | 47 | -1 | 3.05 | -0.41 | VT BURLINGTON | 47 | -1 | 4.89 | 1.77 |
| LEWISTON | 53 | 1 | 0.39 | -0.57 | NJ ATLANTIC CITY | 55 | 0 | 1.60 | -1.26 | VA LYNCHBURG | 55 | -1 | 2.09 | -1.30 |
| POCATELLO | 47 | -1 | 1.73 | 0.76 | NEWARK | 55 | -1 | 2.79 | -0.37 | NORFOLK | 60 | -1 | 1.47 | -2.00 |
| IL CHICAGO/O'HARE | 53 | 1 | 2.07 | -0.64 | NM ALBUQUERQUE | 59 | 2 | 1.38 | 0.38 | RICHMOND | 59 | 1 | 1.32 | -2.28 |
| MOLINE | 53 | 0 | 2.02 | -0.78 | NY ALBANY | 48 | -1 | 5.09 | 1.88 | ROANOKE | 58 | 1 | 1.87 | -1.28 |
| PEORIA | 55 | 2 | 2.12 | -0.64 | BINGHAMTON | 47 | -1 | 2.97 | -0.05 | WASH/DULLES | 55 | 0 | 1.32 | -2.05 |
| ROCKFORD | 52 | 1 | 1.68 | -0.89 | BUFFALO | 49 | -2 | 4.13 | 0.94 | WA OLYMPIA | 50 | 0 | 3.37 | -0.82 |
| SPRINGFIELD | 55 | -1 | 1.83 | -0.79 | ROCHESTER | 49 | -1 | 3.38 | 0.78 | QUILLAYUTE | 49 | -1 | 8.28 | -1.53 |
| IN EVANSVILLE | 58 | 1 | 1.61 | -1.17 | SYRACUSE | 48 | -2 | 4.87 | 1.67 | SEATTLE-TACOMA | 52 | -1 | 2.17 | -1.02 |
| FORT WAYNE | 52 | 0 | 2.32 | -0.31 | NC ASHEVILLE | 54 | -1 | 1.84 | -1.33 | SPOKANE | 48 | 1 | 0.32 | -0.74 |
| INDIANAPOLIS | 56 | 1 | 1.97 | -0.79 | CHARLOTTE | 58 | -4 | 1.49 | -2.17 | YAKIMA | 49 | 0 | 0.44 | -0.09 |
| SOUTH BEND | 52 | 0 | 3.14 | -0.13 | GREENSBORO | 58 | 0 | 1.33 | -1.94 | WV BECKLEY | 51 | -2 | 0.76 | -1.88 |
| IA BURLINGTON | 56 | 1 | 2.36 | -0.55 | HATTERAS | 64 | -2 | 4.11 | -1.20 | CHARLESTON | 56 | 1 | 1.92 | -0.75 |
| CEDAR RAPIDS | 50 | -2 | 1.34 | -0.87 | RALEIGH | 59 | -1 | 1.17 | -2.01 | ELKINS | 50 | -1 | 1.02 | -1.84 |
| DES MOINES | 54 | 1 | 3.73 | 1.11 | WILMINGTON | 62 | -3 | 3.04 | -0.17 | HUNTINGTON | 56 | 0 | 1.71 | -1.02 |
| DUBUQUE | 50 | 0 | 1.98 | -0.52 | ND BISMARCK | 46 | 1 | 1.73 | 0.45 | WI EAU CLAIRE | 48 | 1 | 1.46 | -0.78 |
| SIoux CITY | 52 | 1 | 4.61 | 2.62 | DICKINSON | 44 | -1 | 1.32 | -0.02 | GREEN BAY | 48 | 1 | 1.59 | -0.58 |
| WATERLOO | 52 | 2 | 1.54 | -0.95 | FARGO | 47 | 2 | 4.46 | 2.49 | LA CROSSE | 51 | 0 | 1.16 | -1.00 |
| KS CONCORDIA | 55 | -1 | 3.68 | 1.84 | GRAND FORKS | 46 | 2 | 4.20 | 2.50 | MADISON | 49 | 0 | 2.20 | 0.02 |
| DODGE CITY | 57 | 0 | 5.00 | 3.55 | JAMESTOWN | 45 | 0 | 2.55 | 1.15 | MILWAUKEE | 52 | 1 | 2.62 | 0.13 |
| GOODLAND | 52 | 0 | 4.28 | 3.23 | MINOT | 46 | 1 | 2.07 | 0.75 | WAUSAU | 47 | 0 | 1.92 | -0.71 |
| HILL CITY | 55 | 0 | 6.38 | 4.93 | WILLISTON | 44 | 0 | 1.89 | 1.02 | WY CASPER | 45 | -1 | 1.58 | 0.44 |
| TOPEKA | 56 | -1 | 3.99 | 1.00 | OH AKRON-CANTON | 51 | -1 | 2.08 | -0.45 | CHEYENNE | 47 | 2 | 0.57 | -0.18 |
| WICHITA | 58 | -1 | 4.03 | 1.58 | CINCINNATI | 56 | 0 | 1.63 | -1.33 | LANDER | 45 | -1 | 2.21 | 0.84 |
| KY JACKSON | 57 | -1 | 1.46 | -1.72 | CLEVELAND | 51 | -1 | 2.60 | -0.13 | SHERIDAN | 46 | 1 | 1.53 | 0.12 |

Based on 1971-2000 normals

*** Not Available

Crop Progress and Condition

Week Ending November 9, 2008

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

| Corn Percent Harvested | | | | |
|--|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| CO | 82 | 72 | 89 | 78 |
| IL | 80 | 66 | 99 | 95 |
| IN | 89 | 74 | 95 | 86 |
| IA | 62 | 43 | 90 | 90 |
| KS | 81 | 71 | 99 | 97 |
| KY | 99 | 96 | 99 | 98 |
| MI | 72 | 52 | 79 | 69 |
| MN | 75 | 54 | 95 | 90 |
| MO | 71 | 66 | 94 | 94 |
| NE | 58 | 35 | 89 | 85 |
| NC | 100 | 98 | 100 | 100 |
| ND | 23 | 11 | 88 | 81 |
| OH | 83 | 70 | 86 | 75 |
| PA | 79 | 70 | 73 | 75 |
| SD | 53 | 33 | 83 | 81 |
| TN | 100 | 99 | 100 | 100 |
| TX | 91 | 79 | 100 | 99 |
| WI | 58 | 43 | 78 | 71 |
| 18 Sts | 71 | 55 | 92 | 88 |
| These 18 States harvested 93% of last year's corn acreage. | | | | |

| Winter Wheat Percent Planted | | | | |
|--|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AR | 75 | 54 | 71 | 72 |
| CA | 30 | 22 | 34 | 30 |
| CO | 100 | 100 | 100 | 100 |
| ID | 99 | 98 | 100 | 100 |
| IL | 97 | 92 | 99 | 96 |
| IN | 98 | 93 | 99 | 96 |
| KS | 95 | 91 | 99 | 98 |
| MI | 100 | 99 | 100 | 97 |
| MO | 78 | 63 | 90 | 84 |
| MT | 100 | 100 | 100 | 99 |
| NE | 100 | 99 | 100 | 100 |
| NC | 45 | 36 | 47 | 55 |
| OH | 100 | 100 | 100 | 97 |
| OK | 96 | 91 | 93 | 96 |
| OR | 93 | 89 | 96 | 96 |
| SD | 100 | 100 | 100 | 100 |
| TX | 91 | 87 | 87 | 89 |
| WA | 99 | 98 | 100 | 100 |
| 18 Sts | 94 | 90 | 94 | 94 |
| These 18 States planted 90% of last year's winter wheat acreage. | | | | |

| Cotton Percent Harvested | | | | |
|--|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AL | 85 | 73 | 85 | 78 |
| AZ | 54 | 48 | 62 | 58 |
| AR | 97 | 90 | 97 | 88 |
| CA | 50 | 25 | 77 | 76 |
| GA | 59 | 46 | 52 | 63 |
| KS | 10 | 2 | 52 | 27 |
| LA | 97 | 95 | 98 | 98 |
| MS | 91 | 80 | 98 | 97 |
| MO | 97 | 84 | 99 | 82 |
| NC | 73 | 61 | 87 | 69 |
| OK | 40 | 30 | 51 | 53 |
| SC | 60 | 46 | 78 | 62 |
| TN | 95 | 86 | 96 | 80 |
| TX | 26 | 23 | 48 | 45 |
| VA | 68 | 61 | 89 | 67 |
| 15 Sts | 54 | 47 | 67 | 63 |
| These 15 States harvested 99% of last year's cotton acreage. | | | | |

| Soybeans Percent Harvested | | | | |
|---|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AR | 88 | 76 | 86 | 86 |
| IL | 95 | 90 | 99 | 97 |
| IN | 97 | 91 | 98 | 95 |
| IA | 97 | 93 | 98 | 99 |
| KS | 84 | 72 | 93 | 89 |
| KY | 89 | 79 | 92 | 81 |
| LA | 100 | 97 | 100 | 99 |
| MI | 97 | 94 | 95 | 90 |
| MN | 99 | 97 | 99 | 99 |
| MS | 97 | 94 | 99 | 100 |
| MO | 76 | 60 | 90 | 86 |
| NE | 97 | 92 | 97 | 98 |
| NC | 28 | 16 | 35 | 32 |
| ND | 92 | 88 | 99 | 98 |
| OH | 100 | 95 | 99 | 92 |
| SD | 97 | 94 | 99 | 100 |
| TN | 89 | 78 | 86 | 78 |
| WI | 98 | 93 | 93 | 93 |
| 18 Sts | 93 | 86 | 95 | 93 |
| These 18 States harvested 95% of last year's soybean acreage. | | | | |

| Winter Wheat Percent Emerged | | | | |
|--|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AR | 54 | 32 | 49 | 54 |
| CA | 12 | 8 | 14 | 13 |
| CO | 99 | 98 | 100 | 99 |
| ID | 88 | 73 | 82 | 84 |
| IL | 86 | 64 | 94 | 87 |
| IN | 89 | 75 | 95 | 85 |
| KS | 87 | 82 | 84 | 88 |
| MI | 93 | 71 | 96 | 88 |
| MO | 50 | 35 | 70 | 67 |
| MT | 94 | 93 | 95 | 91 |
| NE | 100 | 97 | 100 | 100 |
| NC | 20 | 12 | 12 | 25 |
| OH | 100 | 87 | 99 | 87 |
| OK | 87 | 79 | 72 | 86 |
| OR | 47 | 40 | 66 | 72 |
| SD | 94 | 89 | 99 | 95 |
| TX | 77 | 71 | 62 | 73 |
| WA | 75 | 71 | 90 | 93 |
| 18 Sts | 83 | 76 | 80 | 84 |
| These 18 States planted 90% of last year's winter wheat acreage. | | | | |

| Peanuts Percent Harvested | | | | |
|---|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AL | 90 | 80 | 75 | 86 |
| FL | 94 | 90 | 94 | 96 |
| GA | 87 | 80 | 77 | 89 |
| NC | 100 | 97 | 97 | 95 |
| OK | 75 | 57 | 87 | 79 |
| SC | 95 | 88 | 98 | 94 |
| TX | 81 | 57 | 79 | 69 |
| VA | 94 | 86 | 99 | 95 |
| 8 Sts | 88 | 79 | 82 | 87 |
| These 8 States harvested 98% of last year's peanut acreage. | | | | |

| Sunflower Percent Harvested | | | | |
|--|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| CO | 83 | 74 | 92 | 84 |
| KS | 61 | 40 | 88 | 82 |
| ND | 75 | 54 | 87 | 82 |
| SD | 56 | 40 | 75 | 81 |
| 4 Sts | 70 | 51 | 85 | 82 |
| These 4 States harvested 86% of last year's sunflower acreage. | | | | |

Crop Progress and Condition

Week Ending November 9, 2008

Weekly U.S. Progress and Condition Tables provided by USDA/NASS

| Sorghum Percent Mature | | | | |
|---|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AR | 100 | 100 | 100 | 100 |
| CO | 100 | 99 | 100 | 99 |
| IL | 100 | 98 | 100 | 100 |
| KS | 96 | 90 | 100 | 98 |
| LA | 100 | 100 | 100 | 100 |
| MO | 98 | 95 | 100 | 100 |
| NE | 97 | 90 | 100 | 100 |
| NM | 81 | 74 | 60 | 81 |
| OK | 95 | 75 | 99 | 93 |
| SD | 100 | 100 | 100 | 100 |
| TX | 96 | 91 | 100 | 94 |
| 11 Sts | 96 | 91 | 99 | 96 |
| These 11 States planted 95% of last year's sorghum acreage. | | | | |

| Sorghum Percent Harvested | | | | |
|---|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| AR | 100 | 100 | 100 | 100 |
| CO | 75 | 60 | 85 | 71 |
| IL | 64 | 52 | 99 | 92 |
| KS | 59 | 39 | 88 | 80 |
| LA | 100 | 100 | 100 | 100 |
| MO | 69 | 56 | 92 | 90 |
| NE | 51 | 27 | 89 | 88 |
| NM | 17 | 8 | 97 | 40 |
| OK | 48 | 32 | 76 | 65 |
| SD | 56 | 42 | 94 | 92 |
| TX | 79 | 74 | 95 | 79 |
| 11 Sts | 69 | 56 | 91 | 81 |
| These 11 States harvested 96% of last year's sorghum acreage. | | | | |

| Sugarbeets Percent Harvested | | | | |
|---|-------|------|------|------|
| | Nov 9 | Prev | Prev | 5-Yr |
| | 2008 | Week | Year | Avg |
| ID | 82 | 78 | 95 | 94 |
| MI | 86 | 75 | 88 | 89 |
| MN | 95 | 94 | 100 | 100 |
| ND | 96 | 94 | 100 | 100 |
| 4 Sts | 92 | 89 | 97 | 97 |
| These 4 States harvested 84% of last year's sugarbeets acreage. | | | | |

| Cotton Crop Condition by Percent | | | | | |
|----------------------------------|----|----|----|----|----|
| | VP | P | F | G | EX |
| AL | 2 | 10 | 37 | 44 | 7 |
| AZ | 0 | 1 | 15 | 62 | 22 |
| AR | 2 | 10 | 31 | 42 | 15 |
| CA | 0 | 0 | 10 | 40 | 50 |
| GA | 5 | 14 | 40 | 33 | 8 |
| KS | 5 | 10 | 25 | 50 | 10 |
| LA | 23 | 35 | 30 | 12 | 0 |
| MS | 8 | 11 | 25 | 46 | 10 |
| MO | 3 | 6 | 26 | 55 | 10 |
| NC | 2 | 9 | 30 | 49 | 10 |
| OK | 1 | 13 | 39 | 40 | 7 |
| SC | 3 | 9 | 46 | 35 | 7 |
| TN | 1 | 7 | 30 | 53 | 9 |
| TX | 11 | 18 | 32 | 31 | 8 |
| VA | 0 | 5 | 40 | 45 | 10 |
| 15 Sts | 7 | 14 | 31 | 37 | 11 |
| Prev Wk | 7 | 14 | 32 | 37 | 10 |
| Prev Yr | NA | NA | NA | NA | NA |

| Winter Wheat Crop Condition by Percent | | | | | |
|--|----|----|----|----|----|
| | VP | P | F | G | EX |
| AR | 0 | 0 | 54 | 43 | 3 |
| CA | 0 | 0 | 5 | 70 | 25 |
| CO | 0 | 1 | 20 | 45 | 34 |
| ID | 0 | 0 | 13 | 79 | 8 |
| IL | 0 | 1 | 23 | 67 | 9 |
| IN | 1 | 3 | 22 | 62 | 12 |
| KS | 0 | 4 | 18 | 65 | 13 |
| MI | 1 | 1 | 14 | 58 | 26 |
| MO | 0 | 2 | 42 | 51 | 5 |
| MT | 0 | 2 | 36 | 50 | 12 |
| NE | 0 | 2 | 16 | 70 | 12 |
| NC | 0 | 0 | 14 | 78 | 8 |
| OH | 0 | 3 | 29 | 51 | 17 |
| OK | 0 | 3 | 31 | 55 | 11 |
| OR | 0 | 29 | 39 | 31 | 1 |
| SD | 0 | 3 | 31 | 57 | 9 |
| TX | 2 | 11 | 37 | 39 | 11 |
| WA | 7 | 25 | 15 | 52 | 1 |
| 18 Sts | 1 | 5 | 26 | 56 | 12 |
| Prev Wk | 0 | 4 | 29 | 55 | 12 |
| Prev Yr | 5 | 11 | 35 | 42 | 7 |

VP - Very Poor; P - Poor;
F - Fair;
G - Good; EX - Excellent

NA - Not Available
* Revised

National crop conditions for selected States are weighted based on the year 2007 planted acres.

National Agricultural Summary

November 3 - 9, 2008

Weekly National Agricultural Summary provided by USDA/NASS

Corn: Nationally, 71 percent of the corn acreage was harvested by week's end, 21 points behind last year's pace and 17 points behind the 5-year average. Harvest was delayed 58 points in North Dakota, and was at least 27 points behind in Nebraska and South Dakota. Producers in Iowa and Missouri were 28 and 23 points behind normal, respectively. In eastern parts of the region, harvest advanced slightly ahead of the average pace.

Soybeans: Precipitation dotted the growing region and significant amounts of up to 4 inches were evident in North Dakota and southeastern Kansas. Harvest, at 93 percent complete nationally, was within 11 points of normal in all States and was occurring at the same pace as the 5-year average. Harvest was complete in Louisiana and Ohio, and was nearing completion in many States.

Winter Wheat: Light to moderate rain fell in Oklahoma, Washington, and Oregon. Nationally, 94 percent of the acreage had been seeded, the same as last year and the 5-year average. Eighty-three percent of the acreage had emerged, 3 points ahead of last year, but 1 point behind the 5-year average. Development remained the farthest behind in the Pacific Northwest and Missouri. Elsewhere, emergence remained within 5 points of the 5-year average, except in Ohio, where emergence was complete and 13 points ahead of normal. Condition of the crop was rated 68 percent good to excellent, 1 point better than the previous week.

Cotton: Cotton producers had harvested 54 percent of their acreage, 13 points behind last year and 9 points behind the 5-year average. One-fourth of California's crop was reaped during the week; however, progress was 26 points behind the 5-year average. Kansas producers had reaped only a tenth of their crop this season, 17 points behind the average pace. Condition of the crop was rated 48 percent good to excellent, a 1-point improvement from the previous week's rating.

Sorghum: Ninety-six percent of the sorghum crop was mature and beyond, 3 points behind last year but the same as the 5-year average. Major development activity was evident in Oklahoma, where one-fifth of the crop reached maturity during the week. Nationally, producers had harvested 69 percent of their acreage, 22 points behind last year and 12 points behind the 5-year average. Harvest was complete in the Delta, but was progressing significantly behind the average pace in the middle Mississippi Valley and adjoining areas of the Great Plains.

Peanuts: Peanut harvest was 88 percent complete by week's end, 6 points ahead of last year and 1 point ahead of the average. Harvest reached completion in North Carolina during the week and was most active in Texas.

Other Crops: Sugarbeets were 92 percent harvested, 5 points behind last year and the 5-year average. Harvest was most delayed in Idaho, where 82 percent of the crop had been reaped (12 points behind normal).

Sunflowers were 70 percent harvested, 15 points behind last year and 12 points behind the 5-year average. Harvest was 21 and 25 points behind in Kansas and South Dakota, respectively.

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Crop Progress and Condition Reports published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop reports are available on the Internet through the NASS Home Page on the World Wide Web at <http://www.nass.usda.gov>.

ALABAMA: Days suitable for fieldwork 6.1. Topsoil moisture 8% very short, 38% short, 54% adequate, 0% surplus. Soybeans 76% harvested, 80% 2007, 75% avg. Winter wheat 37% planted. Livestock condition 0% very poor, 11% poor, 41% fair, 45% good, 3% excellent. Hay and roughage supply 8% short, 70% adequate, 22% surplus. Alabama producers took advantage of favorable conditions during the past week, and spent the week picking cotton, digging peanuts, preparing fall seedbeds, and sowing small grains. Average temperatures recorded varied from four degrees below to five degrees above normal. Rainfall was recorded at all but three official weather stations during the past week, but total accumulations differed drastically depending on location. Winter wheat planting progressed significantly during the past week, as producers hurried to take advantage of moist soil conditions. Overall, summer pastures have given way to winter annuals. Most cattle were in good condition. This year's herd numbers reflected the heavy culling during the previous two to three years of summer droughts.

ALASKA: DATA NOT AVAILABLE

ARIZONA: Temperatures were mostly above normal across the State for the week ending November 9. Precipitation was reported at 3 of the 22 reporting stations. Cotton harvesting is complete on 54 percent of the acreage across the State. Cotton condition in the State remains mostly good. Alfalfa harvest is active on approximately half of the State's acreage. Alfalfa condition remains mostly fair. Range and pasture conditions across the State vary from poor to good.

ARKANSAS: Days suitable for fieldwork 6.5. Topsoil moisture 1% very short, 24% short, 73% adequate, 2% surplus. Subsoil moisture 1% very short, 20% short, 77% adequate, 2% surplus. Soybeans 99% shedding, 100% 2007, 99% avg.; 98% mature, 99% 2007, 98% avg. Rice 99% harvested, 100% 2007, 100% avg. Cotton farmers harvested an additional 7% of the crop last week, while rice farmers had only 1% of the crop left to harvest. Mature soybeans increased 6% last week while farmers harvested an additional 12% of the soybean crop by week's end, which was 2% ahead of last year and the 5-year average. Winter wheat producers benefited from another relatively dry week and planted an additional 21% of the crop. Winter wheat emerged advanced 22% from the previous week, which was 5% ahead of 2007 and equal to the 5-year average. Livestock were in mostly fair to good condition as some ranchers began feeding hay to cattle.

CALIFORNIA: Field preparations for small grains were still in progress. Some early plantings of winter grain were germinating. Alfalfa growers were on the 8th cutting of alfalfa hay. Seed alfalfa fields were starting dormancy. Cotton defoliation, harvest activities continued. Some of the earlier harvested cotton fields continued with stalk plowdown, shredding. Blackeyed bean harvest was coming to an end. Sudan hay, sorghum, safflower harvests continued. Rice harvest was nearing completion. Harvest of corn for grain, silage was almost complete. Crimson, Thompson Seedless, Calmeria, Christmas Rose, Kyoho, Red Globe, Summer Royal, Autumn Royal table grapes were being harvested, shipped. A small portion of the raisin crop remained to be boxed. Wine and juice grape harvests continued. Varieties picked included Alicante Bouchet, Barbera, Carmelian, Carignane, French Colombard, Merlot, Muscat, Ruby Cabernet, Thompson Seedless. Stone fruit, pomegranate cultural practices such as irrigation, pruning

continued. Early pruning of deciduous trees was gaining pace. Early Foothill, Wonderful, Flamingo pomegranates were picked. Rain caused splitting on some fruit still on the tree. Angeleno plums, Flavor Fall pluots were harvested. Quince, kiwifruit, apples, Asian pears, jujube harvests continued. Picking of Fuyu, Hachiya persimmons was still underway. A few fall strawberry stands were open for business. Valencia orange harvest was slow. Most remaining fruit was being field harvested directly to juice, headed for the domestic market. Navel oranges were showing better maturity. Fruit color was progressing slowly in some areas. Harvest was slow. Satsuma mandarins were showing high maturity. Chandler pummelos were picked. The olive harvest continued. Lemons were harvested. Walnut, pistachio harvests continued. Almond harvest was winding down. Hullers remained busy. Zinc was being applied to some trees to burn off leaves. New almond, pistachio orchards were being planted. Many fall vegetables were being harvested, picked this week. Tulare County picked cucumbers, sweet corn, pumpkin, tomatoes. In Fresno County, fields were weeded, irrigated, fertilized, treated for pests, mildew. Harvests continued at a slower pace for garlic, bell peppers, onions. Harvests continued for many farmers' market crops, such as amaranth, basil, green, long beans, bitter melon, carrots, cilantro, collard greens, daikon, dill, dongqua, eggplant, gailon, kabocha, leaf lettuce, leeks, lemongrass, kale, mint, moqua, mustard greens, okra, ong choy, opo, parsley, chili peppers, radishes, sinqua, spinach, summer, winter squashes, swiss chard, tong ho, yam leaf, as well as many varieties of herbs. Fall lettuce harvest continued. Fall broccoli was growing well. Merced County completed its harvest of fresh market tomatoes. Some spinach was being harvested, stale bedding was underway in Kern County. Rangeland, pasture showed slight improvement in many areas due to recent rains, milder temperatures, however conditions remained mostly poor. Cattle on dry pasture, rangeland continued to receive supplements of hay, other nutrients. Movement of cattle to lower elevations for over-wintering continued, some thinning of herds continued due to the poor feed, water outlook. Irrigated pastures were in good condition. Fall beef cow calving was nearing completion in some areas. Cooler temperatures boosted, steadied milk production. Sheep were grazing on harvested grain, alfalfa fields, idle farmland in central, southern areas, with increased movement into the Imperial Valley. Fall lambing continued. Both in-state, out-of-state honeybees were moved to foothill, mountain locations in central areas for over-wintering.

COLORADO: Days suitable for fieldwork 5.7. Topsoil moisture 9% very short, 30% short, 54% adequate, 9% surplus. Subsoil moisture 14% very short, 37% short, 40% adequate, 9% surplus. Sugarbeets 84% harvested, 89% 2007, 90% avg. Dry Beans 99% harvested, 100% 2007, 98% avg. Alfalfa 88% 4th cutting, 90% 2007, 90% avg. Colorado received minimal amounts of precipitation last week. Most areas across the State are well below average for this time of year. Temperatures were above average for the majority of last week.

DELAWARE: Days suitable for fieldwork 2.7. Topsoil moisture 4% very short, 16% short, 71% adequate, 9% surplus. Subsoil moisture 5% very short, 24% short, 71% adequate. Hay supplies 1% very short, 25% short, 56% adequate, 18% surplus. Other Hay 3rd cutting, 98%, 91% 2007, 96% avg.; 4th cutting, 41%, 81% 2007, 68% avg. Alfalfa hay 4th cutting 83%, 94% 2007, 89% avg.; 5th cutting 49%, 46% 2007, 37% avg. Pasture condition 8% very

poor, 19% poor, 51% fair, 21% good, 1% excellent. Winter wheat condition 3% fair, 78% good, 19% excellent. Barley condition 4% fair, 76% good, 20% excellent; 98% planted, 94% 2007, 96% avg. Corn harvested for grain 100%, 96% 2007, 97% avg. Soybeans turning color 99%, 90% 2007, 94% avg.; 91% dropping leaves, 100% 2007, 100% avg.; 58% harvested, 61% 2007, 62% avg. Winter wheat 74% planted, 78% 2007, 78% avg.; 60% emerged, 48% 2007, 56% avg. Apples 94% harvested, 99% 2007, 98% avg. Corn harvested for grain was reported complete in Delaware. Soybean harvest was well underway.

FLORIDA: Topsoil moisture 12% very short, 38% short, 46% adequate, 4% surplus. Subsoil moisture 13% very short, 29% short, 55% adequate, 3% surplus. Peanuts 94% harvested, 94% 2007, 96% 5-yr avg. Peanut, cotton harvest near completion with good yields, most counties. Early frost damaged about 500 acres of peas, Columbia County. Hay harvested, Calhoun, Orange counties. Soil moisture mostly adequate, Panhandle, southern Peninsula; short in Big Bend, central Peninsula. Planting, harvesting of vegetables continued; good harvest of cucumbers, Fort Pierce. Florida City began snap bean harvest; tomatoes continued in Gadsden. Immokalee light harvest of squash, cucumbers. Cabbage, broccoli planted, St. Johns, Putnam, Flagler counties. Farmers irrigated strawberry plants, Plant City. Other vegetables sweet corn, eggplant, okra, peppers. Rainfall less than 0.10 in. in citrus areas caused most owners to irrigate more. Quantity, quality of fruit good in all areas. Ratios reported ahead of last season on all orange varieties; grapefruit ratios about the same. Few caretakers resetting groves due to availability of trees. Grove activity; limited harvesting, herbiciding, mowing. Scouting for greening, removal of affected trees continued in many areas. Over 40 major packinghouses opened with only a couple of large houses remaining to open. Varieties packed early oranges (Navels, Ambersweet, Hamlin), white and colored grapefruit, early tangerines (Fallglo, Sunburst). Processing very limited, mostly packinghouse eliminations. About a half dozen plants open, 3 more planning to open. Pasture Feed 5% very poor, 15% poor, 40% fair, 35% good, 5% excellent. Cattle Condition 10% poor, 30% fair, 55% good, 5% excellent. Panhandle, north pasture condition very poor to good, most fair. Poor condition due to frost, drought. Jefferson County most winter forage of ryegrass, clover planted but needs rain. Washington County forage condition down due to heavy frosts last week. Winds from cold front dried surface moisture, reducing forage growth, creating marginal planting conditions for cool season forage. Hay feeding started early due to frost. Small grain forage planting continues, Columbia County. North cattle condition fair to good. Central; pasture condition very poor to good, most fair. Pasco County dry, cool weather ended warm season pasture growth. Southwest pasture condition very poor to excellent, most good. Cool temperatures, drought limited forage growth. Cattle condition very poor to excellent, most good. Statewide cattle condition fair to good; pasture condition decreased due to drought, frost, cool temperatures.

GEORGIA: Days suitable for fieldwork 6.3. Topsoil moisture 9% very short, 38% short, 52% adequate, 1% surplus. Soybeans 4% very poor, 14% poor, 46% fair, 31% good, 5% excellent. Winter wheat 0% very poor, 2% poor, 43% fair, 48% good, 7% excellent; 31% planted, 28% 2007, 28% avg.; 19% emerged, 14% 2007, 16% avg. Range and pasture 7% very poor, 23% poor, 49% fair, 20% good, 1% excellent. Hay 7% very poor, 24% poor, 49% fair, 19% good, 1% excellent. Pecans 3% very poor, 14% poor, 42% fair, 36% good, 5% excellent. Soybeans 98% dropping leaves, 98% 2007, 98% avg.; 44% harvested, 37% 2007, 42% avg. Sorghum harvested for grain 79%, 59% 2007, 71% avg. Apples 58% harvested, 76% 2007, 89% avg. Onions transplanted 22%, 2% 2007, 5% avg. Peanuts dug 96%, 89% 2007, 98% avg. Pecans 27% harvested, 30% 2007, 28% avg. Rye planted for all purposes 62%, 68% 2007, 68% avg. Other small grains 55% planted, 61% 2007, 60% avg. Small grain and winter grazing planting continues. More rain was needed to provide moisture to

continue planting winter grazing and fall grains. Some producers have started to wrap up cotton harvest. Dry land small grains were showing signs of stress from the continued lack of rain. Other activities included harvesting soybeans, mowing stalks, planting small grain for grazing, irrigating crops as needed and applying fertilizer.

HAWAII: Days suitable for fieldwork 7. Soil moisture ranged from short to adequate. Banana orchards made favorable progress with the return of mostly sunny skies, warm temperatures, and light winds. Farmers continued to rogue plants infected with the Banana Bunchy Top virus. Papaya fields were in fair to good condition. Some fields showed a boost in growth due to the combination of previous rains and this past week's sunny, drier conditions. Head cabbage plantings continued to make steady progress. A few fields continued to show irregular growth during this change in seasons. Dry onion plantings were in fair condition. Overall, the dry onion crop has benefited from this season's relatively dry weather. Sweet corn plantings made good progress. Earworm infestations were reportedly light. Coffee harvesting continued in the State. Sugarcane harvesting has ended on the island of Kauai. Other fieldwork and mill maintenance activities continued. Relatively dry conditions returned to the State during the week. Light variable winds prevailed during the first half of the week and resulted in warm days and cool nights. Trade winds returned late in the week, but generated little to no rain. The lack of significant rainfall aided field activities and enabled irrigated crops made fair to good progress under generally sunny skies. Non-irrigated crops, however, continued to struggle.

IDAHO: Days suitable for field work 4. Topsoil moisture 2% very short, 19% short, 73% adequate, 6% surplus. Field corn harvested for grain 58%, 73% 2007, 73% avg.; harvested for silage 96%, 100% 2007, 100% avg.

ILLINOIS: Days suitable for fieldwork 5.5. Topsoil moisture 4% short, 92% adequate, 4% surplus. Corn 66% harvested, 97% 2007, 92% avg. Sorghum 64% harvested, 99% 2007, 92% avg. Winter wheat 86% emerged, 94% 2007, 87% avg. Crop harvest is slowly coming to a close across Illinois. Some producers are delaying corn harvest to allow fields to dry down more. Other field activities include fall tillage and cleaning equipment. The average temperature was 5.6 degrees above normal. The average weekly precipitation was 0.49 inch below normal.

INDIANA: Days suitable for fieldwork 6.3. Topsoil moisture 8% very short, 37% short, 54% adequate, 1% surplus. Subsoil moisture 13% very short, 36% short, 49% adequate, 2% surplus. Corn 89% harvested, 95% 2007, 86% avg. Soybeans 97% harvested, 98% 2007, 95% avg. Winter Wheat 98% planted, 99% 2007, 96% avg.; 89% emerged, 95% 2007, 85% avg.; condition 1% very poor, 3% poor, 22% fair, 62% good, 12% excellent. As winter approaches and pastures go dormant, more and more livestock operations have begun feeding hay. Hay is reported to be in adequate supply. Average temperatures ranged from 60 to 110 above normal, with a high of 77o and a low of 28o. Precipitation averaged from 0.0 inches to 0.48 inches. Harvest and other field activities continued at a rapid pace until scattered rain showers arrived late in the week. Planting of winter wheat is nearly complete with the majority of the crop reported to be in good condition going into winter. Many fields of corn have finally dried down to acceptable moisture levels allowing harvest to continue. Other activities during the week included fall tillage, cleaning and storing equipment, injecting anhydrous ammonia, spreading dry fertilizer and lime, fall herbicide applications, hauling manure and taking care of livestock.

IOWA: Days suitable for fieldwork 3.9. Topsoil moisture 1% very short, 4% short, 76% adequate, 19% surplus. Subsoil moisture 1% very short, 7% short, 77% adequate, 15% surplus. Corn 62% harvested, 90% average. Corn lodging is rated 45% none, 29% light, 20% moderate, 6% heavy. Corn ears dropping is rated 64%

none, 25% light, 10% moderate, and 1% heavy. Moisture of corn in the field is 21%. Moisture of corn harvested 18%. Soybean harvest 97% complete, 99% average. Grain movement 14% heavy, 30% moderate, 29% light, 27% none. Off-farm grain storage availability rated 10% short, 82% adequate, and 8% surplus. On-farm storage availability 20% short, 75% adequate, 5% surplus. Availability of hay and roughage for livestock feed 9% short, 85% adequate, and 6% surplus. Quality of hay and roughage for livestock feed 8% poor, 45% fair, and 47% good. Harvest slowed by wind, rain and snow. Seventeen percent of the fall fertilizer has been applied.

KANSAS: Days suitable for field work 5.6. Topsoil moisture 1% very short, 5% short, 84% adequate, 10% surplus. Subsoil moisture 1% very short, 7% short, 88% adequate, 4% surplus. Range and pasture condition 2% very poor, 10% poor, 28% fair, 52% good, 8% excellent. Feed grain supplies 3% very short, 5% short, 81% adequate, 11% surplus. Hay and forage supplies 6% short, 82% adequate, 12% surplus. Stock water supplies 2% short, 92% adequate, 6% surplus. Primary farm activity involved planting wheat, and harvesting corn, soybeans, sorghum, cotton, and sunflowers.

KENTUCKY: Days suitable for fieldwork 6.0. Topsoil moisture 45% very short, 37% short, 17% adequate, 1% surplus. Subsoil moisture 53% very short, 37% short, 10% adequate. Burley tobacco 28% stripped, 37% last year, 40% average. Condition of stripped tobacco 1% very poor, 12% poor, 37% fair, 44% good, 6% excellent. Winter wheat 90% seeded, 90% last year, 81% average. Winter wheat condition 1% very poor, 8% poor, 22% fair, 55% good, 14% excellent. Pasture condition 41% very poor, 30% poor, 22% fair, 7% good. Soil conditions continue dry as only limited rain occurred on Friday.

LOUISIANA: Days suitable for fieldwork 6.7. Soil moisture 20% very short, 47% short, 32% adequate, 1% surplus. Wheat 44% planted, 42% 2007, 37% avg.; 19% emerged, 14% avg. Pecan 44% harvested, 66% 2007, 49% avg. Sweet potatoes 82% harvested; 93% 2007, 91% avg. Sugarcane 100% planted, 100% 2007, 100% avg.; 31% harvested, 40% 2007, 40% avg.; 7% very poor, 18% poor, 45% fair, 27% good, 3% excellent. Livestock 2% very poor, 11% poor, 41% fair, 43% good, 3% excellent. Vegetables 12% very poor, 21% poor, 43% fair, 22% good, 2% excellent. Range and Pasture 10% very poor, 22% poor, 46% fair, 22% good.

MARYLAND: Days suitable for fieldwork 4.2. Topsoil moisture 14% short, 84% adequate, 2% surplus. Subsoil moisture 20% short, 79% adequate, 1% surplus. Hay supplies 5% very short, 10% short, 80% adequate, 5% surplus. Other Hay 3rd cutting 100%, 69% 2007, 86% avg.; 4th cutting 72%, 71% 2007, 76% avg. Alfalfa Hay 4th cutting 98%, 96% 2007, 91% avg.; 5th cutting 57%, 50% 2007, 46% avg. Pasture condition 1% very poor, 13% poor, 28% fair, 54% good, 4% excellent. Winter wheat condition 1% poor, 29% fair, 69% good, 1% excellent; 85% planted, 87% 2007, 80% avg.; 62% emerged, 63% 2007, 30% avg. Barley condition 1% poor, 25% fair, 73% good, 1% excellent; 98% planted, 96% 2007, 96% avg. Corn harvested for grain 97%, 94% 2007, 92% avg. Soybeans turning color 100%, 87% 2007, 90% avg.; 100% dropping leaves, 99% 2007, 98% avg.; 55% harvested, 71% 2007, 65% avg. Apples 99% harvested, 99% 2007, 100% avg. Recent rains provided much needed moisture. Soybean harvest slowed with wet weather. Harvest of fall vegetables continues.

MICHIGAN: Days suitable for fieldwork 5. Topsoil 2% very short, 9% short, 73% adequate, 16% surplus. Subsoil 6% very short, 11% short, 73% adequate, 10% surplus. Fourth cutting hay 84%, 84% 2007, 91% avg. Precipitation varied from 0.15 inches southeastern Lower Peninsula to 1.08 inches eastern Upper Peninsula. Average temperatures ranged from 7 degrees above normal southeastern Lower Peninsula to 11 degrees above normal northwestern Lower Peninsula. Warm weather prevailed through much of week providing excellent weather for harvest and

fieldwork. Temperatures dropped near end of week and light rain and snow flurries fell throughout much of State, bringing fieldwork to a standstill. Harvest activities and fall tillage continued across State until rain and snow came. Corn harvest continued where conditions allowed as growers monitored crop's moisture level. A small amount of soybeans remain to be harvested. Alfalfa harvest has come to end for most farmers. Some growers continued to get a fourth cutting. Winter wheat continued to emerge in warm weather. Most of crop has emerged. Warm temperatures not ideal for sugarbeet harvest. Unstable weather conditions, ranging from warm weather to freezing temperatures, affected harvest of remaining vegetable crops. Processing carrot and onion harvest continued with few complications. Winter squash still being harvested. Late season cole crop harvest continued but slightly behind schedule due to dry summer, which slowed plant growth. Fall tillage and manure hauling activities continued.

MINNESOTA: Days suitable for fieldwork 4.7. Topsoil moisture 1% very short, 5% short, 67% adequate, 27% surplus. Corn 20% moisture, 15% 2007, 17% avg. Pasture condition 5% very poor, 17% poor, 37% fair, 35% good, 6% excellent. Minnesota's producers continued to make steady harvest progress this past week, despite widespread rain throughout the state. Corn harvest advanced 21 percentage points during the week ending Sunday, November 9th. Sunflower harvest also continued to progress steadily and sugarbeet harvest neared completion. The average temperature for the week was 45.7°, 11.0° above normal.

MISSISSIPPI: Days suitable for fieldwork 4.9. Soil moisture 17% very short, 13% short, 63% adequate, 7% surplus. Corn 100% harvested, 100% 2007, 100% avg. Cotton 100% open bolls, 100% 2007, 100% avg.; 91% harvested, 98% 2007, 97% avg.; 8% very poor, 11% poor, 25% fair, 46% good, 10% excellent. Peanuts 93% harvested, 94% 2007, avg. Rice 100% harvested, 100% 2007, 100% avg. Sorghum 100% mature, 100% 2007, 100% avg.; 100% harvested, 100% 2007, 100% avg. Soybeans 97% harvested, 99% 2007, 100% avg. Winter Wheat 67% planted, 65% 2007, 61% avg.; 30% emerged, 34% 2007, 40% avg.; 0% very poor, 0% poor, 15% fair, 84% good, 1% excellent. Sweetpotatoes 99% harvested, 97% 2007, 94% avg. Cattle 3% very poor, 6% poor, 46% fair, 43% good, 2% excellent. Pasture 8% very poor, 25% poor, 48% fair, 17% good, 2% excellent. Row crop harvesting is nearing completion in many areas across the state with some producers anticipating higher than average yields. Dry conditions affected various areas that are in need of moisture for ryegrass and pastures. Wheat planting has accelerated this past week and is progressing nicely.

MISSOURI: Days suitable for fieldwork 5.3. Topsoil moisture 2% very short, 12% short, 77% adequate, 9% surplus. Pasture condition 1% very poor, 6% poor, 35% fair, 52% good, 6% excellent. Fall tillage is 50 percent complete, about normal for this time of year. Row crop harvesting was slowed by rainfall over the northern and western parts of the State during the past week. Some late planted corn and soybeans have yet to mature. Temperatures ranged from normal to 5 degrees above average across the State. Rainfall for the week averaged 0.64, ranging from 0.05 inches in the southeast district to 1.67 inches in the west-central district and 1.45 inches in the north-central district. Activities corn, soybean, sorghum, rice, cotton harvest; winter wheat planting; fall tillage; care of livestock.

MONTANA: Topsoil moisture 3% very short, 22% last year, 21% short, 41% last year, 73% adequate, 37% last year, 3% surplus, 0% last year. Subsoil moisture 15% very short, 32% last year, 33% short, 38% last year, 51% adequate, 30% last year, 1% surplus, 0% last year. Winter wheat 94% emerged, 95% last year. Winter wheat condition 0% very poor, 0% last year, 2% poor, 2% last year, 36% fair, 52% last year, 50% good, 42% last year, 12% excellent, 4% last year. Corn harvested for grain 20%, 78% last year. Corn condition 1% very poor, 2% poor, 13% fair, 63% good, 21% excellent. Sugar beets 96% harvested, 98% last year. The

state received adequate moisture throughout the week along with normal temperatures. Range and pasture feed condition 10% very poor, 16% last year, 18% poor, 19% last year, 39% fair, 38% last year, 29% good, 23% last year, 4% excellent, 4% last year. Cattle and calves moved from summer ranges 85% complete, 83% last year. Sheep and lambs moved from summer ranges 87% complete, 85% last year. Cattle and calves receiving supplemental feed 27%, 22% last year. Sheep and lambs receiving supplemental feed 30%, 20% last year.

NEBRASKA: Days suitable for fieldwork 5.2. Topsoil moisture 2% very short, 10% short, 84% adequate, 4% surplus. Subsoil moisture 6% very short, 15% short, 76% adequate, 3% surplus. Overall corn conditions 2% very poor, 3% poor, 17% fair, 56% good, 22% excellent. Irrigated corn conditions 1% very poor, 2% poor, 16% fair, 58% good, 23% excellent. Dryland corn conditions 2% very poor, 6% poor, 20% fair, 52% good, 20% excellent; 58% harvested, 89% 2007, 85% avg. Soybeans 97% harvested, 97% 2007, 98% avg. Sorghum conditions 2% very poor, 4% poor, 20% fair, 52% good, 22% excellent; 97% mature, 100% 2007, 100% avg.; 51% harvested, 89% 2007, 88% avg. Winter wheat conditions 0% very poor, 2% poor, 16% fair, 70% good, 12% excellent; 100% seeded, 100% 2007, 100% avg.; 100% emerged, 100% 2007, 100% avg. Pasture and Range conditions 2% very poor, 9% poor, 26% fair, 53% good, 10% excellent. Warm temperatures and wind dried soils and enabled producers to be in the combine from daybreak until after dark, pushing to get their corn harvested early in the week. Wind, snow, and rain in parts of the state slowed progress in the later part of the week. Corn harvest remained behind last year and nearly two weeks behind the average. Producers are still reporting excess moisture levels in the corn. Other activities around the state included moving cattle to stalk fields and some manure application on harvested fields. Temperatures averaged two degrees above normal across the state. Temperatures ranged from highs in the low 80's in the East Central District to the low teens in the Southeast. There were only traces of precipitation noted, with the Panhandle receiving almost a half of an inch of moisture.

NEVADA: Days suitable for fieldwork 7. Livestock were being brought to winter pastures. Onions were being taken to sheds for sorting, bagging, and shipping. Livestock marketing and shipping increased. Garlic, alfalfa seed, and mint harvests were wrapping up. Potato harvest advanced. Main farm and ranch activities harvesting, planting of fall-seeded grains and garlic. The week was cool and overcast with precipitation recorded across the state. Temperatures averaged from one degree below to two degrees above normal across the state. The week's high temperatures ranged from 59 degrees in Elko to 75 degrees in Las Vegas. The week's low temperatures ranged from 18 degrees in Winnemucca to 44 degrees in Las Vegas. Precipitation was recorded throughout the state. Elko recorded the most precipitation with 0.58 inches.

NEW ENGLAND: Days suitable for field work 5.6. Topsoil moisture 1% short, 93% adequate, 6% surplus. Subsoil moisture 1% short, 94% adequate, 5% surplus. Pasture condition 15% poor, 28% fair, 52% good, 5% excellent. Third Crop Hay 99% harvested, 100% 2007, 99% average; condition good/excellent in Vermont and good/fair elsewhere. Massachusetts Cranberries 95% harvested, 95% 2007, 95% average; Fruit Size average/above average; condition good. Monday was cloudy with below average to average temperatures. Highs were in the upper 40s to mid-50s with nighttime lows in the upper teens to low 30s. Temperature became unseasonably warm on Tuesday and remained at above average levels for the remainder of the week. High temperatures reached into the upper 60s in many areas and lows were in the 50s across much of the region. Rained moved into the southern states Tuesday night and continued through Wednesday. Thursday brought rain to the northern states which continued into Friday in some areas. Saturday was a rainy day throughout New England. Skies cleared up Sunday in the southern states while rain continued to fall in the North. Total rainfall for the week ranged

from 0.22 to 1.63 inches. Crops harvested included dry hay and cranberries. Other farm activities included taking down and sorting tobacco, applying lime to fields, soil testing, cleaning up vegetable fields and orchards, cleaning and putting away equipment for the winter, and moving apples and potatoes out of storage.

NEW JERSEY: DATA NOT AVAILABLE

NEW MEXICO: Days suitable for fieldwork 6.8. Topsoil moisture 11% very short, 41% short, 46% adequate, 2% surplus. Wind damage 13% light, 3% moderate, 2% severe. Freeze damage 32% light, 16% moderate, 14% severe. Alfalfa 4% very poor, 29% fair, 67% good; fifth cutting 97% complete, sixth cutting 65%. Cotton 6% fair, 85% good, 9% excellent; 97% bolls open, 31% harvested. Corn 61% good, 39% excellent; 81% grain harvested. Irrigated sorghum 98% good, 2% excellent; 100% mature, 31% harvested. Dry sorghum 4% poor, 96% fair; 70% mature, 10% harvested. Peanuts 40% fair, 50% good, 10% excellent; 90% harvested. Lettuce 100% good; 90% harvested. Chile 3% fair, 97% good; 95% red chile harvested. Pecans 1% poor, 2% fair, 80% good, 17% excellent. Cattle 2% poor, 14% fair, 69% good, 15% excellent. Sheep 3% very poor, 13% poor, 20% fair, 53% good, 11% excellent. Range and pasture 2% very poor, 13% poor, 37% fair, 39% good, 9% excellent. A disturbance moved into Northern New Mexico Tuesday afternoon, bringing rain and high elevation snow showers Tuesday night into Wednesday. Freezing temperatures and windy conditions were felt statewide as the cold front move through the state. High pressure builds Thursday bringing warmer daytime high temperatures. Unsettled weather pattern is forecast for New Mexico through the middle of the work week.

NEW YORK: Days suitable for fieldwork 4.6. Soil moisture 1% short, 78% adequate, 21% surplus. Pasture condition 24% poor, 34% fair, 33% good, 9% excellent. Silage corn 99% harvested, 100% 2007, 98% average. Grain corn 48% harvested, 68% 2007, 58% average. Dry Beans 99% harvested, 99% 2007, 90% average. Soybeans 71% harvested, 82% 2007, 66% average. Apples 97% picked, 98% 2007, 95% average. Grapes 99% harvested, 100% 2007, 98% average. Vegetable harvest was nearly complete. Many farmers have started to winterize equipment. Long Island Vineyards have finished with harvest. Growers are bringing in bird netting for the season. Temperatures averaged above normal. Precipitation was near normal for the week.

NORTH CAROLINA: Days suitable for field work 5.3. Soil moisture 8% very short, 22% short, 66% adequate, 4% surplus. Activities included the harvesting of hay, cotton, soybeans, sweetpotatoes, and sorghum, marketing livestock, and the planting of small grains. North Carolina received little precipitation throughout the week, with precipitation ranging from no rain in Old Fort to 1.71 inches in Aurora. Average temperatures were above normal for this time of year; ranging from 47 to 63 degrees. The harvesting of field crops is mostly complete in the Mountain Region with the Christmas tree harvest beginning in the upcoming weeks. Cotton and soybean harvest and wheat plantings are slightly delayed compared to last year due to the wet soils.

NORTH DAKOTA: Days suitable for fieldwork 3.3. Topsoil moisture 6% very short, 11% short, 62% adequate, 21% surplus. Subsoil moisture 12% very short, 19% short, 53% adequate 16% surplus. Corn condition 2% very poor, 7% poor, 24% fair, 55% good, 12% excellent. Stockwater supplies 21% very short, 19% short, 50% adequate, 10% surplus. Pasture and Range condition 21% very poor, 23% poor, 28% fair, 21% good, 7% excellent. Row crop harvest progress was made early in the week but was halted by rain and snow. Due to the heavy amounts of rain and snow received last week, some producers do not expect to get back into the field to harvest until spring, according to reporters. High moisture content in corn remains a concern for producers.

OHIO: Days suitable for field work 6.7. Topsoil moisture 27% very short, 40% short, 32% adequate, 1% surplus. Corn harvested for grain 83%, 86% 2007, 75% avg. Livestock condition 0% very poor, 2% poor, 25% fair, 60% good, 13% excellent. Winter Wheat condition 0% very poor, 3% poor, 29% fair, 51% good, 17% excellent. Throughout the state, producers are harvesting corn while soybean harvest is all but completed for the year. Field activities for the week also included the deep and shallow tillage of soybean stubble and corn stalks, land leveling, installation of tile, preparing equipment for winter storage, and fertilizer and herbicide application.

OKLAHOMA: Days suitable for fieldwork 5.9. Topsoil moisture 8% very short, 31% short, 58% adequate, 3% surplus. Subsoil moisture 12% very short, 27% short, 61% adequate, 0% surplus. Rye condition 1% very poor 4% poor, 18% fair, 66% good, 11% excellent; 22% grazed this week, N/A last week, N/A last year, 13% average. Oats seedbed prepared 77% this week, 76% last week, 89% last year, 92% average; 46% planted this week, 45% last week, 73% last year, 64% average; 35% emerged this week, 34% last week, 53% last year, 55% average. Corn 97% harvested this week, 94% last week, 100% last year, 100% average. Sorghum condition 1% very poor 11% poor, 28% fair, 57% good, 3% excellent. Soybeans 93% mature this week, 87% last week, 82% last year, 93% average; 65% harvested this week, 52% last week, 58% last year, 71% average. Peanuts dug 94% this week, 82% last week, 95% last year, 92% average. Alfalfa condition 1% very poor, 11% poor, 39% fair, 42% good, 7% excellent; 5th cutting 89% this week, 86% last week, 84% last year, 86% average; 6th cutting 36% this week, 35% last week, 44% last year, 33% average. Other hay condition 4% very poor, 12% poor, 33% fair, 41% good, 10% excellent; 2nd cutting 88% this week, 87% last week, 92% last year, 94% average. Livestock condition 0% very poor, 4% poor, 22% fair, 58% good, 16% excellent. Pasture and range condition 2% very poor, 12% poor, 33% fair, 45% good, 8% excellent. Livestock; Prices for feeder steers less than 800 pounds averaged \$99 per cwt. Prices for heifers less than 800 pounds averaged \$91 per cwt. Livestock conditions were rated mostly in the good to fair range with mostly light to moderate insect activity reported.

OREGON: Days suitable for field work 3.7. Top soil moisture 10% very short, 12% short, 74% adequate, 4% surplus. Sub soil moisture 15% very short, 30% short, 53% adequate, 2% surplus. Winter Wheat condition 29% poor, 39% fair, 31% good, 1% excellent. Range, pasture condition 10% very poor, 28% poor, 37% fair, 24% good, 1% excellent. Winter Wheat 93% planted, 96% previous year, 96% 5-year average. Winter Wheat 47% emerged, 66% previous year, 72% 5-year average. Weather; Precipitation in the form of rain, as well as some snow in higher elevations, was received throughout State this past week. High temperatures ranged from 68 degrees at the Agency Lake station, down to 49 in Baker City, Joseph. Low temperatures ranged from 46 degrees at the Bandon station, down to 18 degrees in Baker City. All forty-three stations received a measurable amount of precipitation last week. The Florence station reported the most with 6.08 total inches, while the station in Burns reported the least at 0.23 inches. The first full week of November was cooler than the final week of October. Field Crops Winter wheat planting was slowed by rain showers this past week. Rainy conditions have allowed fall plantings to improve. Statewide, winter wheat planting was nearly complete at 93 percent, while emergence drew near the halfway mark. Vegetables; The majority of fall vegetable growers were able to get their crops harvested before the rain started this past week. Some low lying areas were starting to flood. Many producers kept busy cleaning up, preparing for winter as another season has come to an end. Fruits, Nuts; The majority of the State's fruit, nut harvest has come to an end. Wine grape, filbert, walnut harvest in Washington County is done. Most growers are now preparing for the winter. Nurseries, Greenhouses; Nurseries were preparing for colder weather, while continuing the

digging, burlapping, shipping of trees, shrubs. Christmas tree harvest was underway in Washington, Marion counties this past week Livestock, Range, Pasture Plenty of rain this week, warmer weather has helped pasture growth. Coos, Curry counties reported receiving so much rain that livestock had to be moved to higher elevation pastures to escape the flooding. Cattle, calves were being rounding up for feeder calf sales.

PENNSYLVANIA: Days suitable for fieldwork 5. Soil moisture 11% very short, 14% short, 65% adequate, 10% surplus. Fall plowing 85% complete, 81% 2007, 80% avg. Corn 79% harvested, 73% 2007, 75% avg. Soybeans 77% harvested, 81% 2007, 69% avg. Wheat crop condition 1% very poor, 1% poor, 1% fair, 81% good, 16% excellent; 96% planted, 96% 2007, 94% avg.; 82% emerged, 84% 2007, 78% avg. Barley 98% emerged, 89% 2007, 97% avg. Grapes 100% harvested, 97% 2007, 97% avg. Pasture conditions 23% very poor, 15% poor, 30% fair, 21% good, 11% excellent. Last week was an improvement in contrast to the winter conditions of two weeks ago. Principal farm activities included spreading manure and lime, planting barley and wheat, as well as harvesting grapes, soybeans and corn. Farmers also conducted post harvest activities such as equipment maintenance, building repairs and preparing for winter. Fall plowing continued and is 85 percent complete.

SOUTH CAROLINA: Days suitable for fieldwork 5.8. Soil moisture 4% very short, 34% short, 59% adequate, 3% surplus. Soybeans 11% very poor, 19% poor, 28% fair, 34% good, 8% excellent; leaves turning color 100%, 98% 2007, 99% avg.; leaves dropped 91%, 88% 2007, 89% avg.; 71% mature, 67% 2007, 71% avg.; 21% harvested, 21% 2007, 31% avg. Winter wheat 0% very poor, 1% poor, 46% fair, 52% good, 1% excellent; grazings 0% very poor, 4% poor, 37% fair, 59% good, 0% excellent; 27% planted, 22% 2007, 38% avg.; 17% emerged, 9% 2007, 28% avg. Pasture condition 3% very poor, 16% poor, 48% fair, 33% good, 0% excellent. Oats 0% very poor, 4% poor, 38% fair, 56% good, 2% excellent. Livestock condition 0% very poor, 3% poor, 46% fair, 49% good, 2% excellent. Freeze damage 95% none, 5% light, 0% moderate, 0% heavy, 0% severe. Sorghum 90% harvested, 95% 2007, 95% avg. Cotton bolls opened 100%, 100% 2007, 99% avg. Oats 58% planted, 42% 2007, 57% avg.; 38% emerged, 17% 2007, 39% avg. Sweet Potatoes 98% harvested, 93% 2007, 96% avg. Apples 99% harvested, 95% 2007, 98% avg. Winter grazings 85% planted, 60% 2007, 77% avg.; grazings 59% emerged, 27% 2007, 57% avg. The work week began with misty, drizzly weather that did not total up to much in local area rain gages. There were some light frosts in several Upstate counties. Precipitation was not sufficient enough to prevent South Carolina's soil moisture ratings from declining. Cotton harvest continued at a faster pace as the week progressed. An excellent peanut crop in terms of production was nearly all dug. Coastal soybeans were reporting better yields than those further inland due to differences in the amount of rainfall received. Sweet potatoes were nearly all harvested. Late variety apple harvest was looking good. The state average temperature for the week was near normal. The state average rainfall for the period was 0.2 inches.

SOUTH DAKOTA: Days suitable for fieldwork 3.9. Topsoil moisture 1% very short, 4% short, 81% adequate, 14% surplus. Subsoil moisture 2% very short, 15% short, 72% adequate, 11% surplus. Corn 2% very poor, 5% poor, 18% fair, 50% good, 25% excellent. Sorghum 3% very poor, 6% poor, 26% fair, 52% good, 13% excellent. Sunflower 99% mature, 100% 2007, 100% avg.; 3% very poor, 18% poor, 25% fair, 46% good, 8% excellent. Feed supplies 1% very short, 5% short, 80% adequate, 14% surplus. Stock water supplies 1% very short, 10% short, 76% adequate, 13% surplus. Range and pasture 3% very poor, 9% poor, 32% fair, 43% good, 13% excellent. Cattle condition 1% very poor, 2% poor, 15% fair, 64% good, 18% excellent. Sheep condition 1% poor, 19% fair, 62% good, 18% excellent. Row crop harvest progressed nicely until mid-week when a winter storm hit.

TENNESSEE: Days suitable for fieldwork 6. Topsoil moisture 11% very short, 32% short, 56% adequate, 1% surplus. Subsoil moisture 24% very short, 34% short, 42% adequate. Winter wheat 72% seeded, 73% 2007, 71% avg.; 37% emerged, 48% 2007, 46% avg. Burley tobacco 35% stripped, 50% 2007, 60% avg. Pastures 13% very poor, 28% poor, 36% fair, 22% good, 1% excellent. Despite scattered showers and thunderstorms last week, producers continued to make good harvest progress. Over three-fourths of the wheat acreage had been sown by week's end. Tobacco stripping has been at a standstill due to the mostly dry weather and remains almost two weeks behind last year's pace. Livestock producers continued feeding hay and hauling water in some areas due to the lack of available grazing and low pond levels. Temperatures for the week averaged 1 to 3 degrees above normal, while rainfall was well below normal across the entire State.

TEXAS: Top soil moisture was mostly short to adequate statewide. Corn condition was mostly fair to good statewide. Cotton condition was mostly fair to good statewide. Peanuts condition was mostly fair to good statewide. Sorghum condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Wheat condition was mostly fair to good statewide. Oat condition was mostly very poor to fair statewide. Range and pasture condition was mostly poor to fair statewide. Small grains were progressing and in good condition in the north, however, in the south small grains were suffering due to lack of rain. Cotton harvest was in full swing across the state. Grain Sorghum harvest was in full swing across the state with variable yields in the Southern High Plains. Peanut harvest continued in some areas of the state. Pecan harvest continued but looked dismal. Livestock were in fair to good condition across the state with some supplemental feeding taking place.

UTAH: DATA NOT AVAILABLE

VIRGINIA: Days suitable for fieldwork 5.4. Topsoil moisture 12% very short, 25% short, 61% adequate, 2% surplus. Subsoil moisture 19% very short, 28% short, 51% adequate, 2% surplus. Pasture 8% very poor, 19% poor, 35% fair, 35% good, 3% excellent. Livestock 2% very poor, 5% poor, 22% fair, 57% good, 14% excellent. Other Hay 5% very poor, 15% poor, 47% fair, 32% good, 1% excellent. Alfalfa Hay 1% very poor, 20% poor, 38% fair, 37% good, 4% excellent. Corn 93% harvested, 100% 2007, 96% avg. Soybeans 41% harvested, 71% 2007, 58% avg.; condition 7% very poor, 23% poor, 38% fair, 26% good, 6% excellent. Winter Wheat Seeded 60%; 73% 2007; 66% avg.; 32% Emerged; 34% 2007; 23% avg. Barley condition 51% fair, 46% good, 3% excellent. Peanuts combined 94%; 99% 2007; 95% 5-yr avg. Cotton 68% harvested, 89% 2007; 67% avg.; condition 6% poor; 40% fair, 45% good, 10% excellent. Apples winter 99% harvested, 98% 2007; 98% avg. Oats for grain seeded 92%; condition 49% fair, 51% good. Parts of the Commonwealth experienced rain, while other parts of the State continued to suffer from dry conditions. The corn harvest progressed well, only 7 percent of the crop remains to be harvested. The soybean harvest is about two weeks behind schedule. Some farmers reported that the beans are slow to dry. Hay stocks may be sufficient this year if good weather continues to allow livestock to graze. Farmers are becoming cautiously optimistic with feed and fuel prices decreasing. Other farming activities included cleaning up vegetable fields, renewing pesticide licenses, planting wheat, and hunting deer.

WASHINGTON: Days suitable for fieldwork 3.7. Topsoil moisture 11% very short, 17% short, 36% adequate, 36% surplus.

Significant rain storms gave eastern Washington grain growing counties a much needed break. Walla Walla County reported winter wheat showed immediate improvement. Corn harvested for grain was winding down. Franklin County reported buckwheat harvest was almost finished. Christmas tree growers continued with Noble fir bough harvest. Commercial dahlia growers had finished digging tubers. In the Yakima Valley, apple harvest was nearly finished. Whatcom County reported raspberry producers were busy tying and pruning. Cranberry growers completed post harvest bog maintenance activities. Range and pasture conditions 7% very poor, 26% poor, 26% fair, 41% good. On the eastern side, Ferry County reported cattlemen were weaning calves. Stevens County reported feedlots were heavy with mud from recent rains, and cattle were continuing to move to market. Lincoln County reported many ranchers had begun supplemental feeding. Hay prices appeared to be softening somewhat. Pacific County reported oyster harvest continued for the holiday market.

WEST VIRGINIA: Days suitable for field work 6. Topsoil moisture 39% very short, 27% short, 34% adequate, compared with 18% very short, 33% short, 47% adequate, 2% surplus last year. Corn 66% harvested, 73% 2007, 68% 5-yr avg. Soybeans 65% harvested, 68% 2007, 63% 5-yr avg. Wheat conditions 58% fair, 42% good, 91% planted, 87% 2007, 85% 5-yr avg.; 65% emerged, 42% in 2007, 53% 5-yr avg. Hay third cutting 89% complete, 88% 2007, 5-yr average not available. Apples 95% harvested, 88% 2007, 5-yr average not available. Cattle and calves 2% poor, 18% fair, 77% good, 3% excellent. Sheep and lambs 5% poor, 21% fair, 68% good, 6% excellent. Farming activities included harvesting apples and corn, marketing potatoes, feeding hay, mending fences and preparing for winter.

WISCONSIN: Days suitable for fieldwork 5.1. Topsoil moisture 4% very short, 21% short, 72% adequate, and 3% surplus. Temperatures ranged from 10 to 13 degree above normal. Average high temperatures ranged from 58 to 62 degrees across the state. Lows averaged from 40 to 46 degrees for the week. Precipitation ranged from 0.33 inches in Milwaukee to 0.77 inches in Eau Claire. Corn harvested for grain was 58 percent complete. Soybeans harvested was 98 percent complete. Fall tillage was 43 percent complete. Despite the recent warm weather, moisture levels in corn remain high, slowing down harvest.

WYOMING: Days suitable for fieldwork 5.3. Topsoil moisture 6% very short, 25% short, 67% adequate, 2% surplus. Subsoil moisture 13% very short, 25% short, 62% adequate, 0% surplus. Dry beans 95% combined, 87% previous week, 100% 2007, 98% avg. Corn 86% mature, 73% previous week, 100% 2007, 98% avg.; 12% harvested, 6% previous week, 63% 2007, 65% avg.; condition 27% fair, 73% good. Sugarbeets 90% harvested, 74% previous week, 96% 2007, 96% avg. Winter wheat condition 31% fair, 68% good, 1% excellent. Alfalfa hay 73% third cutting, 71% previous week, 100% 2007, 98% avg. Stock water supplies 1% very short, 12% short, 86% adequate, 1% surplus. The temperatures were warm across Wyoming last week with cold nights and some precipitation in localized areas. Livestock was on pastures and meadow re-growth. Corn producers were waiting for the corn to dry in order to harvest for grain. Activities feeding cattle, harvesting, branding and moving livestock.

November 6 ENSO Update

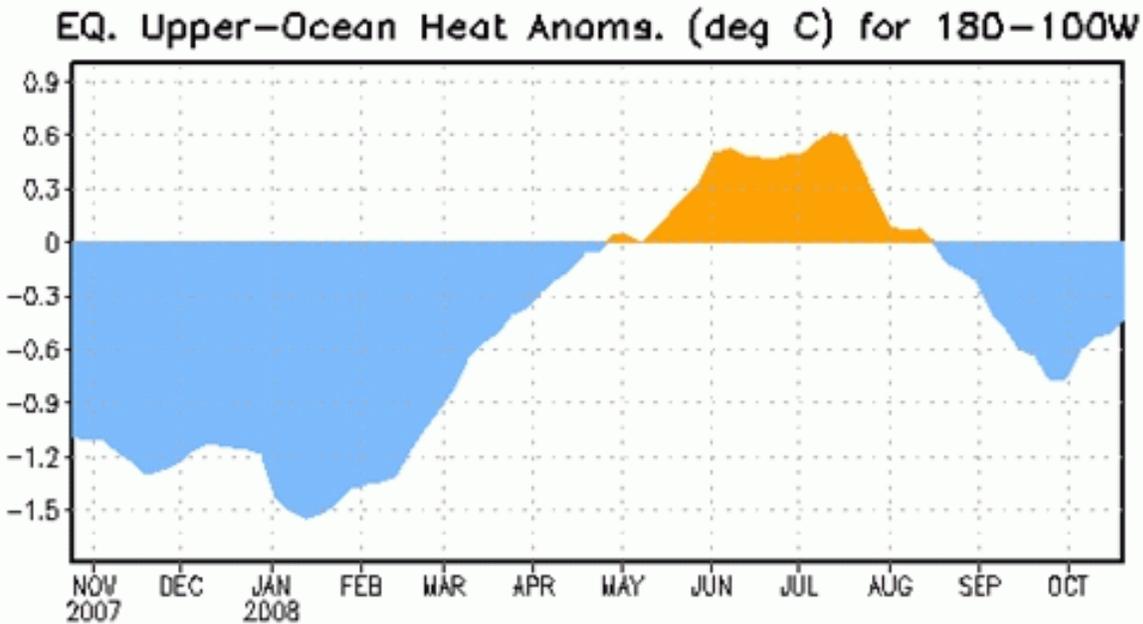


Figure 1: Area-averaged upper-ocean heat content anomalies ($^{\circ}\text{C}$) in the equatorial Pacific (5°N - 5°S , 180° - 100°W). Heat content anomalies are computed as departures from the 1982-2004 base period weekly means.

Synopsis: ENSO-neutral conditions are expected to continue into early 2009.

ENSO-neutral conditions continued during October 2008, as equatorial sea surface temperatures (SSTs) were near-average across much of the Pacific Ocean, except for small areas of below-average SSTs in the east-central Pacific and off the coast of South America. Correspondingly, the latest weekly SST index values were near-average in all Niño regions except for Niño-1+2 (-0.8°C). Subsurface oceanic heat content anomalies (average temperatures in the upper 300m of the ocean, Fig. 1) became less negative due to the eastward shift of positive temperature anomalies at thermocline depth to $\sim 160^{\circ}\text{W}$, but anomalies remained negative in the eastern half of the Pacific.

The atmospheric winds and convection patterns exhibited a high degree of week-to-week variability across the tropical Pacific during October in response to the Madden-Julian Oscillation (MJO). The cumulative effects of the MJO were above-average convection over Indonesia, and enhanced low-level easterly winds, enhanced upper-level westerly winds, and suppressed convection over the western equatorial Pacific. Overall, the ocean-atmosphere system remains consistent with ENSO-neutral conditions.

A majority of the SST forecasts indicate a continuation of ENSO-neutral conditions (-0.5°C to 0.5°C in the Niño-3.4

region) into the first half of 2009. Several dynamical models suggest the development of a La Niña during Northern Hemisphere Winter 2008-09. This outcome becomes more likely if the current MJO were to stall in a location that favors enhanced low-level easterlies and increased upwelling in the east-central and eastern Pacific. However, it is rare for La Niña to develop late in the year. Therefore, based on current atmospheric and oceanic conditions and recent trends, ENSO-neutral conditions are expected to continue into early 2009.

This discussion is a consolidated effort of the National Atmospheric and Oceanic Administration (NOAA), NOAA's National Weather Service, and their funded institutions. Oceanic and atmospheric conditions are updated weekly on the Climate Prediction Center web site (El Niño/La Niña Current Conditions and Expert Discussions). Forecasts for the evolution of El Niño/La Niña are updated monthly in the Forecast Forum section of CPC's Climate Diagnostics Bulletin. The next ENSO Diagnostics Discussion is scheduled for 11 December 2008. To receive an e-mail notification when the monthly ENSO Diagnostic Discussions are released, please send an e-mail message to: ncep.list.ens0-update@noaa.gov.

International Weather and Crop Summary

November 2 - 8, 2008

International Weather and Crop Highlights and Summaries provided by USDA/WAOB

HIGHLIGHTS

FSU-WESTERN: The third consecutive week of dry weather in Ukraine and southern Russia aided late-season summer crop harvesting.

EUROPE: Heavy rain across western Europe contrasted with mostly dry, unseasonably warm conditions in the Balkans.

MIDDLE EAST: Showers in Iran boosted topsoil moisture for emerging winter grains.

NORTHWEST AFRICA: Heavy early-season rainfall in Morocco impeded fieldwork and caused additional flooding, although drier weather returned by week's end.

AUSTRALIA: Showers benefited summer crops in eastern Australia but hampered the maturation and harvesting of drought-stressed winter grains in southeastern Australia.

EAST ASIA: Dry weather favored winter wheat planting, while unseasonably heavy showers continued in southern rapeseed areas.

SOUTHEAST ASIA: Somewhat drier weather aided harvest activities in Thailand, while increasing showers benefited rice in Indonesia.

SOUTH ASIA: Seasonably dry weather favored winter wheat planting and summer crop maturation and harvesting.

ARGENTINA: Unseasonable warmth and dryness dominated central Argentina, reducing moisture for emerging summer crops and hastening winter grain maturity.

BRAZIL: Rain benefited soybeans and other emerging summer crops in key production areas of central Brazil.

SOUTH AFRICA: Showers improved summer crop prospects in northern and eastern sections of the corn belt.

MEXICO: Dry weather aided dry down and harvesting of corn and other summer crops.

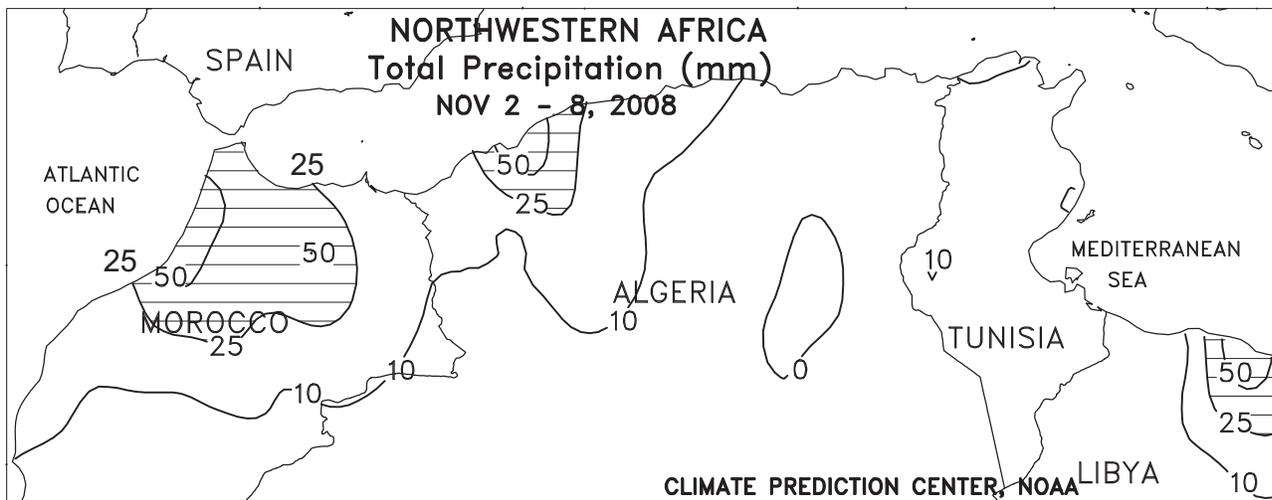
EUROPE

Wet weather across most of western Europe contrasted with dry, unseasonably warm conditions in the Balkans. A slow-moving storm system generated widespread, locally heavy rain (10-100 mm) from Ireland and England southward into Italy and northern portions of the Iberian Peninsula, providing additional topsoil moisture for emerging wheat, barley, and rapeseed. However, fields remained waterlogged in France and England, impeding later summer crop harvesting. A line of lighter showers (5-30 mm) lifted northeastward into western Poland and the Czech Republic, maintaining favorable moisture supplies for winter crop establishment. Meanwhile, sunny skies coupled with weekly average temperatures up to 10 degrees C above normal accelerated fieldwork and winter crop growth rates from central Poland southward into the Balkans. The dry, sunny weather also favored cotton harvesting in Greece. Most European crop areas have yet to experience a season-ending freeze, with nighttime lows during the past week remaining well above freezing.



FSU-WESTERN

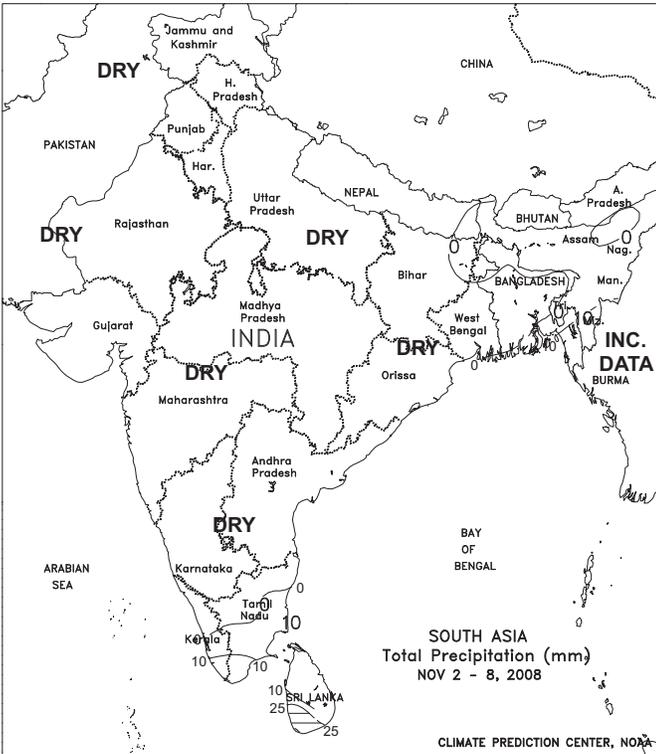
Dry weather persisted for the third consecutive week across Ukraine and southern Russia, allowing rapid summer crop harvesting. Reports from Ukraine as of November 6 indicated that corn and sunflowers were 70 percent and 98 percent harvested, respectively. Farther north, light precipitation (2-10 mm or more) in northern Russia favored winter grains. Unseasonably mild weather early in the week was followed by a steady decline in temperatures as the week progressed. Most areas experienced a season-ending freeze during the week. Lowest temperatures were observed on November 8, when minimum temperatures ranged from -10 to -2 degrees C as far south as the Black Sea. The colder weather slowed or halted vegetative winter grain growth across most of the region.



NORTHWEST AFRICA

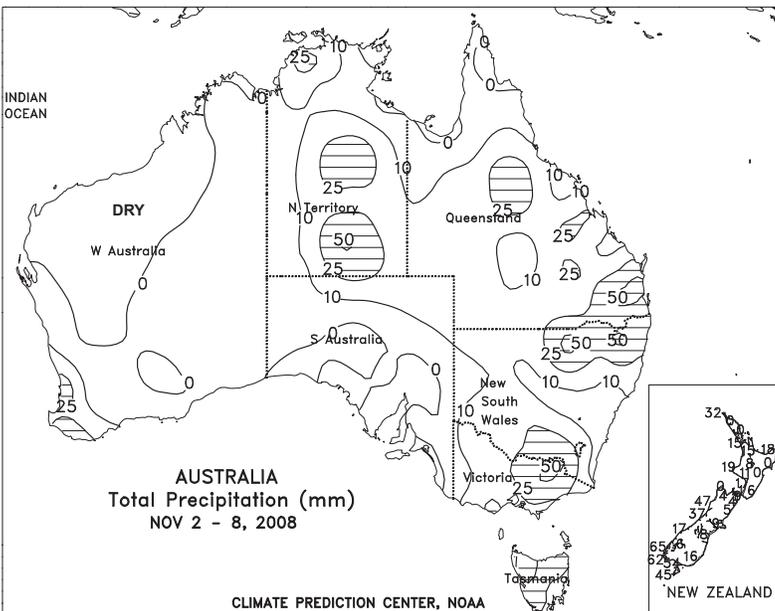
Heavy early-season rainfall over western crop areas contrasted with dry weather farther east. In Morocco, 15 to 75 mm of rain fell during the first half of the week, maintaining the record-setting start to the fall-winter wet season. However, drier weather returned during the latter half of the week, allowing saturated fields to dry and winter grain planting to resume. In addition, moderate to heavy

showers (10-100 mm) in western Algeria maintained adequate to abundant soil moisture for winter crop planting and establishment. Generally dry weather favored a steady pace of fieldwork from eastern Algeria into northern Tunisia. Temperatures averaged 2 to 4 degrees C below normal under a cloudy weather regime in Morocco and Algeria, while near-normal temperatures prevailed in Tunisia.



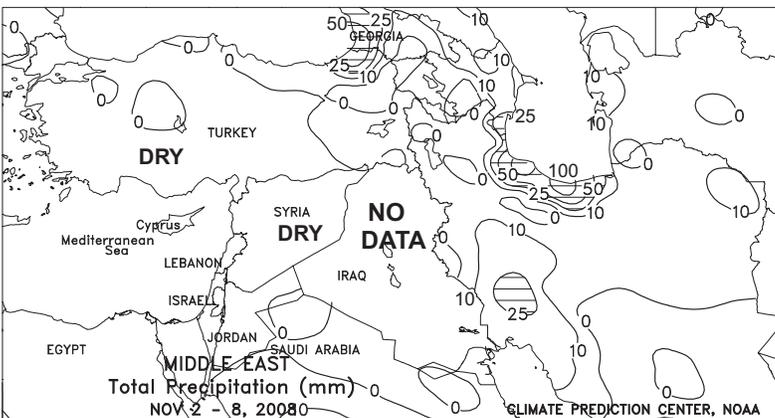
SOUTH ASIA

Dry, sunny weather over India and Pakistan favored summer crop harvesting as well as winter wheat planting and establishment. Most summer crops in India are usually harvested during November, although cotton harvesting in the north typically begins a month earlier. Winter wheat, which is grown in the heavily-irrigated north, continued to develop at a rapid pace under sunny skies and near-normal temperatures.



AUSTRALIA

In Western Australia, light showers (generally 2-8 mm, locally more) maintained moisture supplies for immature winter grains, but following last week's soaking rains, the drier weather was beneficial for maturing winter wheat and barley. In contrast, widespread showers (10-40 mm) overspread drought-plagued southeastern Australia. During the past two months, mostly dry, occasionally hot weather stressed winter grains as the crops advanced through the reproductive and filling stages of development. The rain this week did not improve yield prospects. Indeed, the wet weather likely slowed the maturation and harvesting of the drought-stressed crops, maintaining unfavorable conditions for winter grain development. Elsewhere, widespread, locally heavy showers (10-50 mm, locally more) overspread northern New South Wales and Queensland, boosting topsoil moisture and irrigation supplies for recently planted cotton and sorghum. Temperatures averaged about 1 to 2 degrees C above normal in southern and eastern Australia, while temperatures averaged about 2 to 3 degrees C below normal in Western Australia.

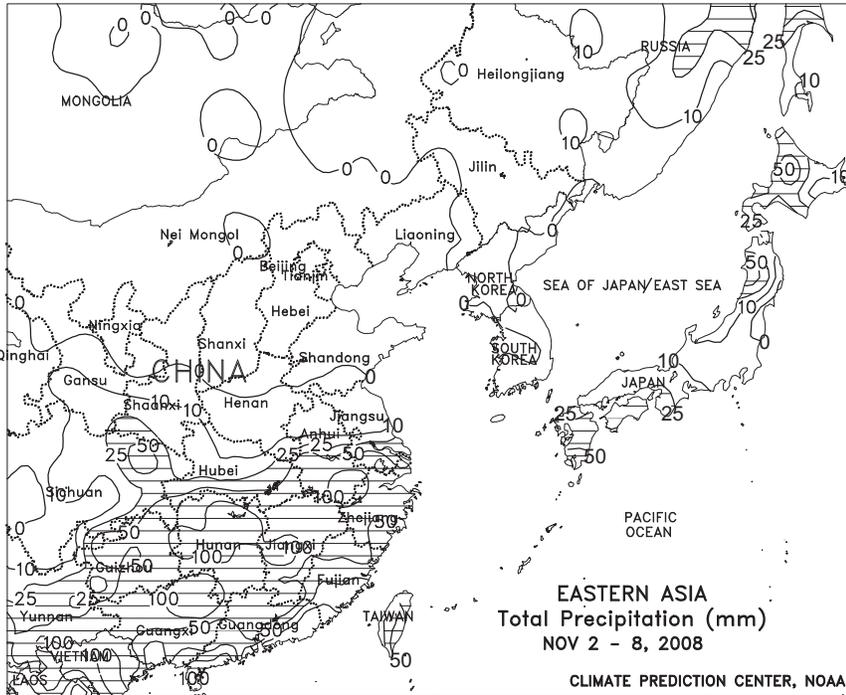


MIDDLE EAST

Showers across the east contrasted with dry weather in western crop areas. A slow-moving upper-air low lifted northeastward into the Caspian Sea, generating widespread rain (2-100 mm, locally more than 150 mm) in western and northern Iran, further improving prospects for winter grain planting and establishment. Meanwhile, sunny, warm weather (weekly average temperatures 1-5 degrees C above normal) in Turkey and along the eastern Mediterranean coast promoted winter grain establishment, although topsoil moisture remained short in eastern Syria and central Iraq. Rain will be needed soon in western crop areas to maintain the current favorable prospects for winter wheat and barley.

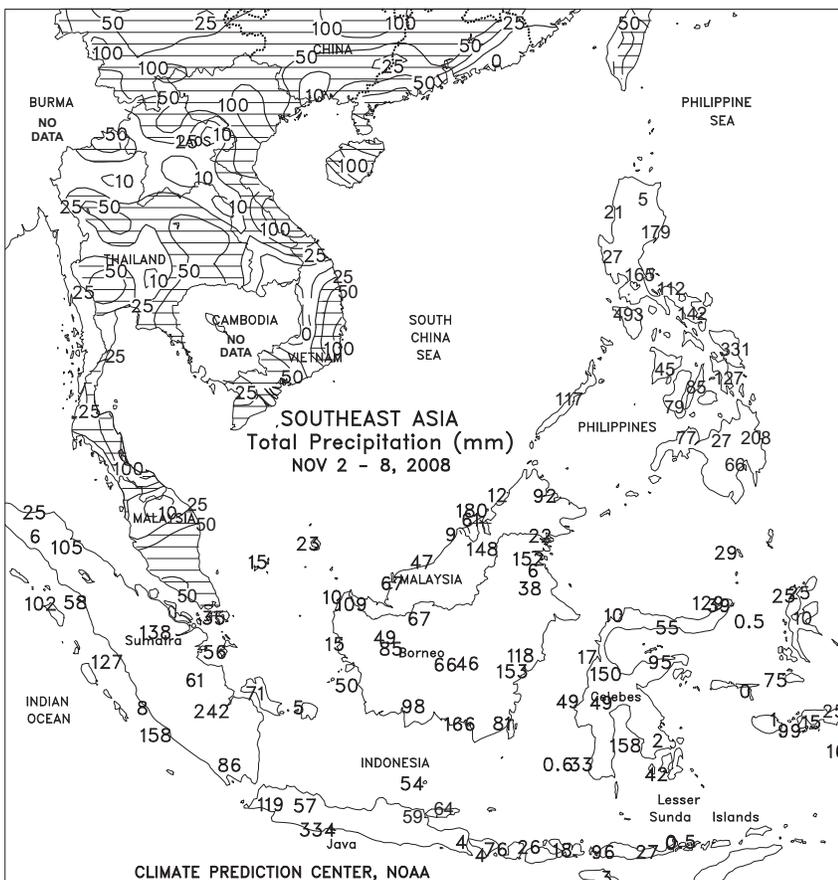
EASTERN ASIA

Seasonably dry weather prevailed across the northern half of China's winter growing areas, contrasting with wet weather in the south. Dry weather on the North China Plain benefited winter wheat planting that was nearing completion. Additionally, temperatures 1 to 5 degrees C above normal along with favorable soil moisture and irrigation supplies aided germination and emergence of the crop. Meanwhile, a late-season monsoonal boundary continued to manifest itself south of the Yangtze River causing widespread heavy rainfall between 50 and 200 mm. Rapeseed replanting was likely in Hunan province where the highest rainfall amounts have occurred over the last 2 weeks.



SOUTHEAST ASIA

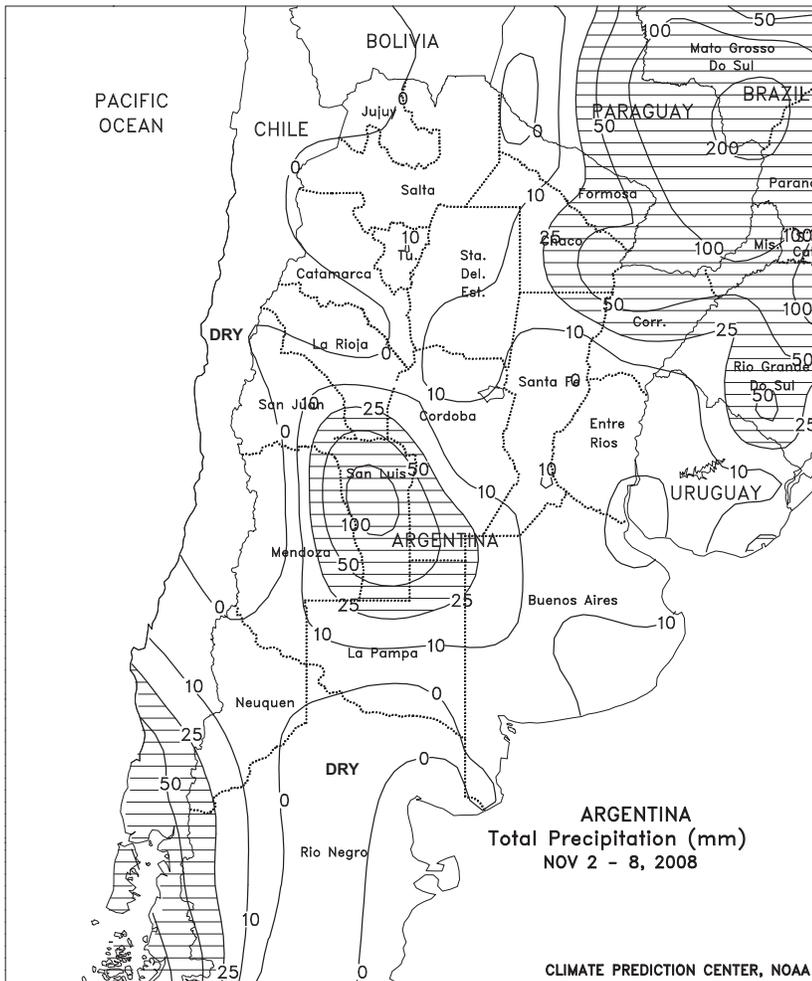
Showers eased across Thailand after last week's late-season deluge. Despite still being above normal 10 to 25 mm of rainfall allowed harvest activities to continue with fewer delays. Torrential showers (50-200 mm) continued in northern and central Vietnam, although the heavier amounts were more localized than in previous weeks, allowing some areas to dry out. Meanwhile in the Philippines, Tropical Cyclone Maysak formed off the southwest coast of Luzon. Maysak brought over 200 mm to some areas of southern Luzon and the Visayas. Rainfall was near normal elsewhere with 25 to 100 mm slowing harvest activities but helping to fill local reservoirs for dry-season cropping. Showers continued to increase in rice areas of Indonesia where 50 to 200 mm slowed planting but provided favorable moisture for development. Seasonably heavy showers (50-200 mm) prevailed in oil palm areas of Malaysia and Indonesia, causing some harvest delays, but generally favoring oil palm.





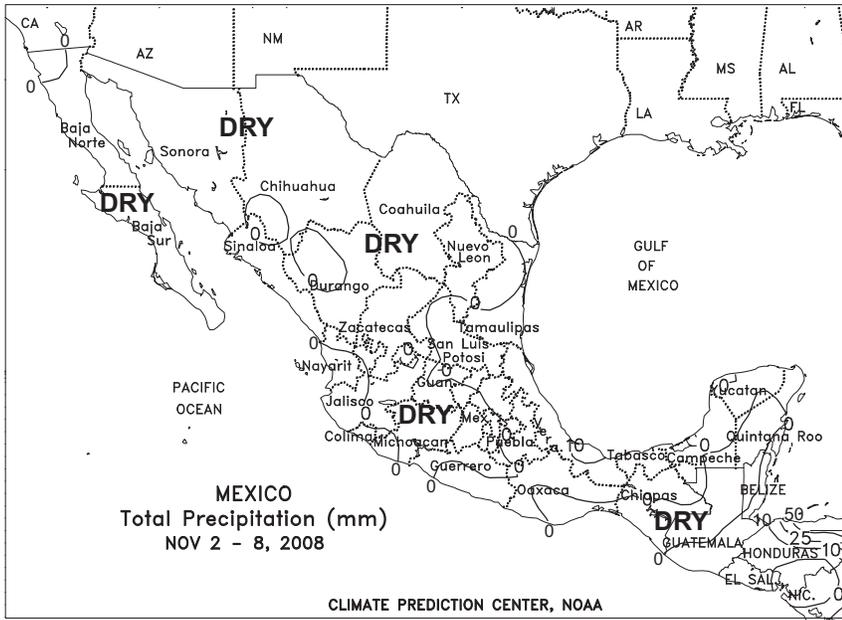
BRAZIL

A surge in seasonal rainfall (10-25 mm, locally exceeding 50 mm) benefited soybeans and other newly planted summer crops in major production areas of the Center-West Region (Mato Grosso, Goias, and Mato Grosso do Sul). Though below normal in magnitude, the timely rains brought needed relief from a recent heat wave and helped to replenish topsoil moisture levels for germination. Beneficial rain also spread southeastward through the main sugarcane, coffee, and citrus areas of the southeast (Sao Paulo, Minas Gerais, and Espirito Santo). However, heat and dryness (highs reaching 40 degrees C accompanied by patchy rainfall) persisted in western Bahia and neighboring locations in Tocantins, which are experiencing their second consecutive poor start to the rainy season. Dryness along the northeastern coast supported seasonal fieldwork that included harvesting of sugarcane and cocoa. In southern Brazil, heavy rain (50-100 mm or more) maintained abundant to excessive moisture for establishment of corn and soybeans, with near- to above-normal temperatures maintaining advanced rates of early growth. The rain is hampering fieldwork, however, particularly winter wheat harvesting in Rio Grande do Sul.



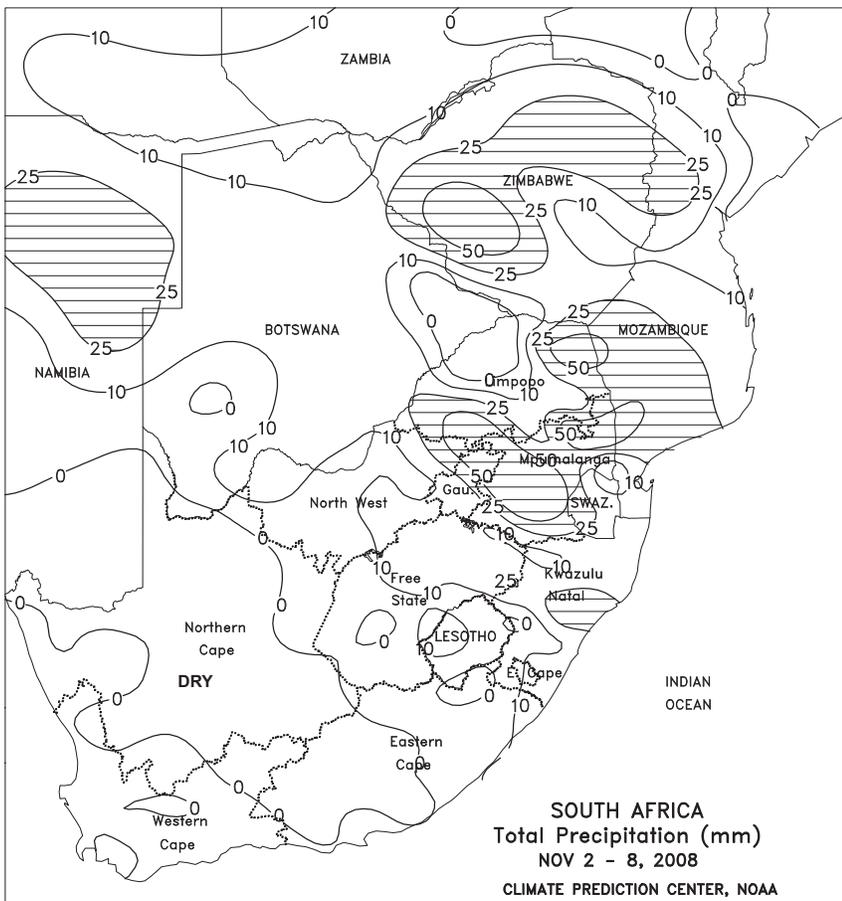
ARGENTINA

Unseasonable warmth and dryness dominated central Argentina, reducing moisture for emerging summer grains and oilseeds and hastening maturity of winter grains. Temperatures averaged 3 to 5 degrees C above normal throughout the region, with highs reaching the lower and middle 30s degrees C on several days during the week. Showers were generally scattered and light (mostly under 25 mm), with pockets of heavier rain in southern Cordoba. Farther north, wet weather (rainfall totaling 25-50 mm or more) persisted from eastern Chaco to Misiones, although rainfall amounts were lower than those of recent weeks. Warmer, drier conditions prevailed elsewhere in the north, promoting seasonal fieldwork, including cotton planting, but maintaining high moisture demands for crops and livestock. According to Argentina's ministry of agriculture (SAGPyA), corn and sunflowers were 67 and 59 percent planted, respectively, as of November 6. In addition, soybeans were 23 percent planted, on par with last year's pace. A return to a more seasonable pattern of rain and milder weather is needed to ensure uniform germination of corn, sunflowers, and soybeans.



MEXICO

Dry weather dominated all major farming areas. Temperatures averaged near to above normal throughout the northeastern, central, and southern agricultural areas, aiding dry down of corn and other maturing summer crops. In the northwest, conditions favored planting and early development of the heavily irrigated winter wheat crop. Temperatures averaged 1 to 3 degrees C below normal on the Yucatan Peninsula.



SOUTH AFRICA

Beneficial rain (10-50 mm or more) continued in northern and eastern sections of the corn belt (Mpumalanga, Gauteng, and eastern Free State), improving moisture conditions for emerging summer crops. Beneficial rain was also recorded throughout Limpopo and in eastern farming areas of North West, boosting topsoil moisture levels for germination. However, temperatures continued to average 1 to 2 degrees C above normal (highs reaching the lower and middle 30s degrees C), maintaining high evaporative losses. Elsewhere, unseasonably light rain (5-25 mm) fell throughout the main sugarcane areas of KwaZulu-Natal, but drier weather prevailed elsewhere. Scattered light showers and below-normal temperatures reduced irrigation requirements in the vineyards and orchards of Western Cape.

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