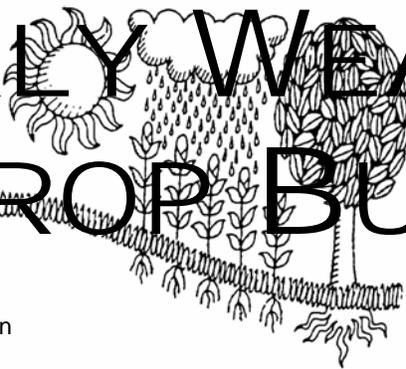
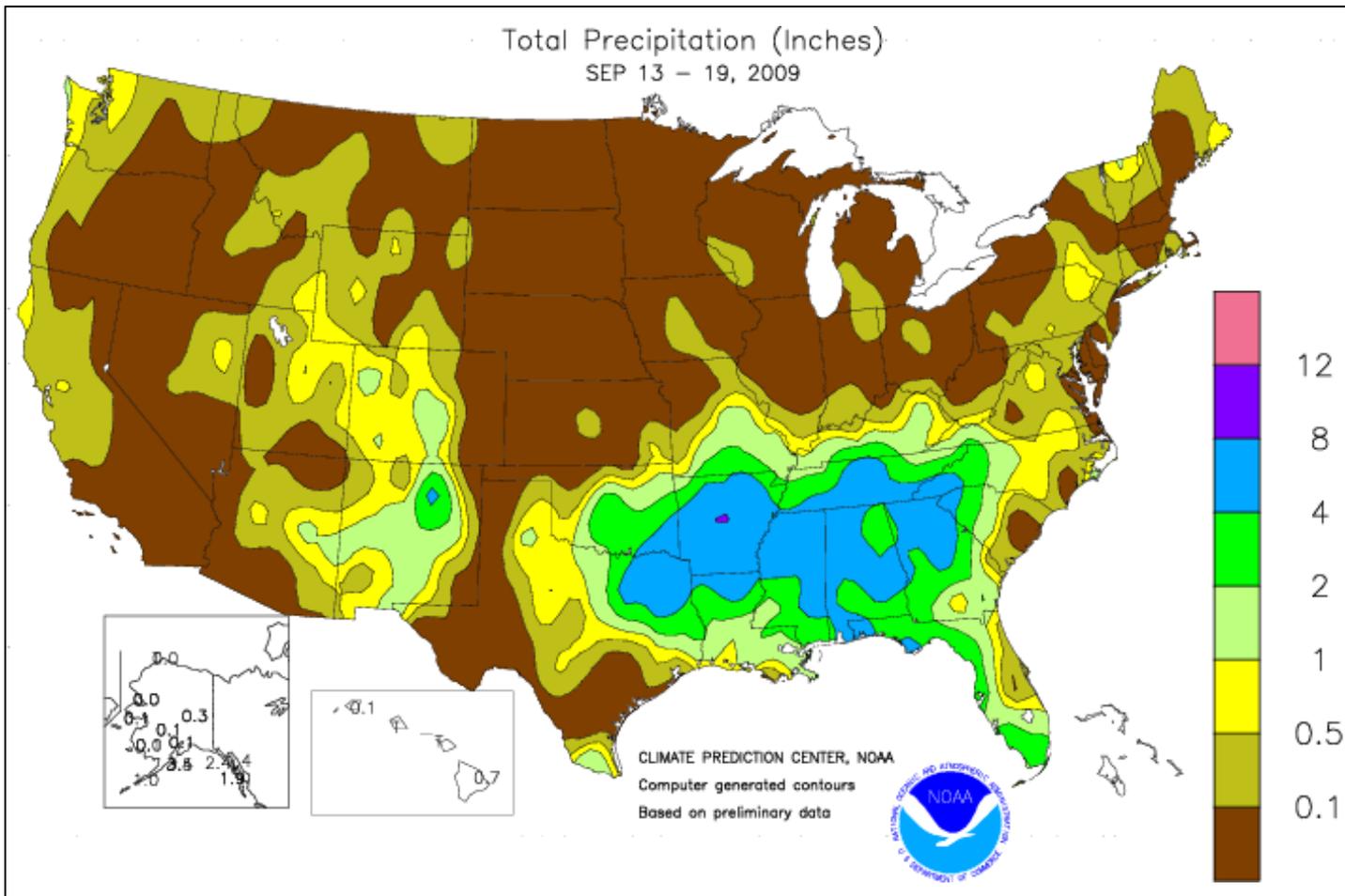


# WEEKLY WEATHER AND CROP BULLETIN



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



## HIGHLIGHTS

### September 13 - 19, 2009

Highlights provided by USDA/WAOB

A pesky, slow-moving storm drenched the **interior Southeast**, halting harvest activities, triggering lowland flooding, and threatening the quality of open-boll cotton. As much as 4 to 8 inches of rain fell from **northeastern Texas to the southern Appalachians**. Meanwhile, mostly dry weather returned to **southern Texas**, following the previous week's drought-easing rainfall. Farther north, light rain reached the **southern tier of the Corn Belt**, but mild, dry weather elsewhere in the **Midwest** promoted corn and soybean maturation.

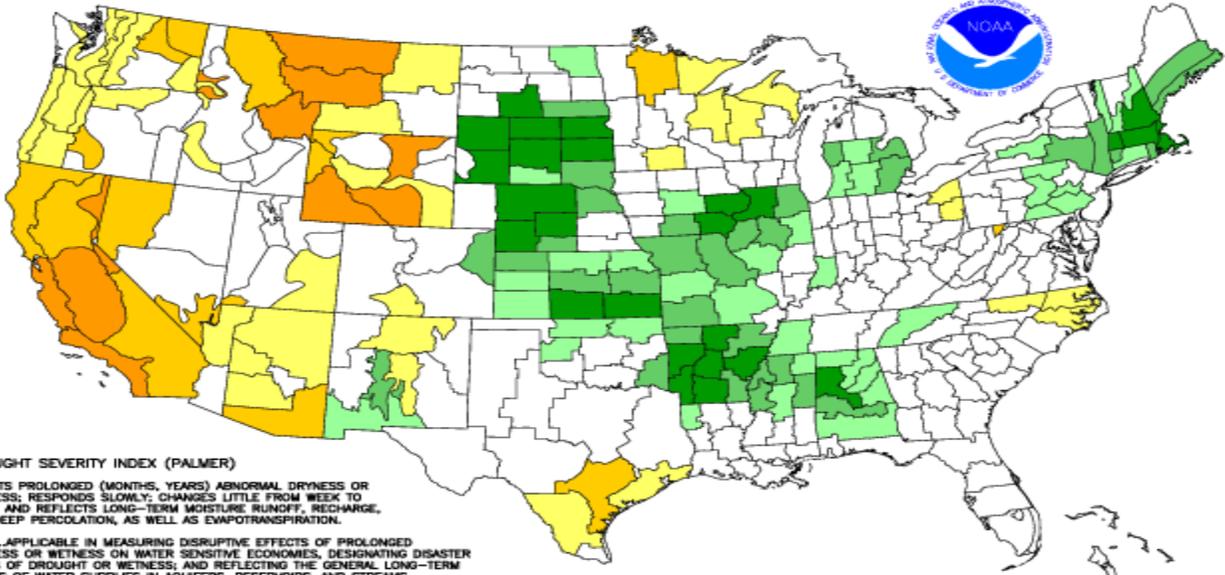
(Continued on page 5)

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Drought Severity Index by Division  
Weekly Value for Period Ending SEP 19, 2009  
Long Term Palmer



DROUGHT SEVERITY INDEX (PALMER)

DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.

USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.

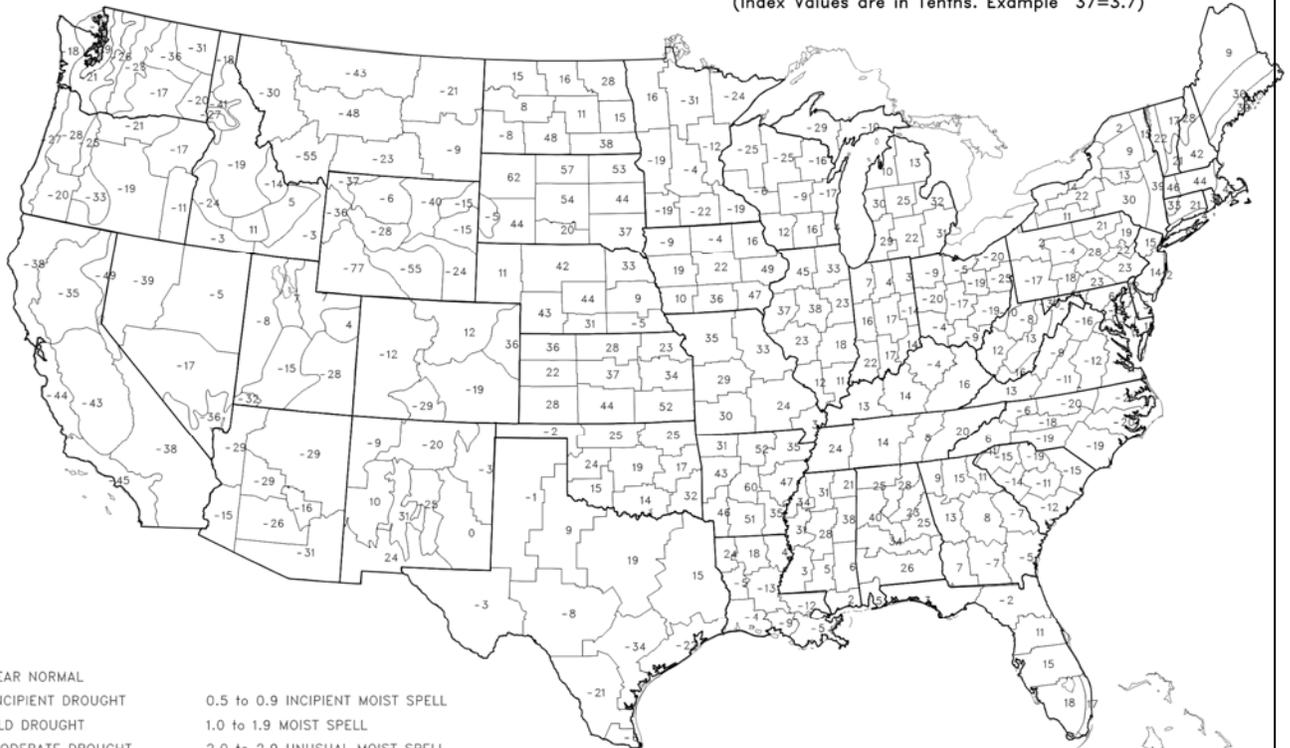
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

Based on preliminary reports

- 4.0 or less (Extreme Drought)
- 3.0 to -3.9 (Severe Drought)
- 2.0 to -2.9 (Moderate Drought)
- 1.9 to +1.9 (Near Normal)
- +2.0 to +2.9 (Unusual Moist Spell)
- +3.0 to +3.9 (Very Moist Spell)
- +4.0 and above (Extremely Moist)

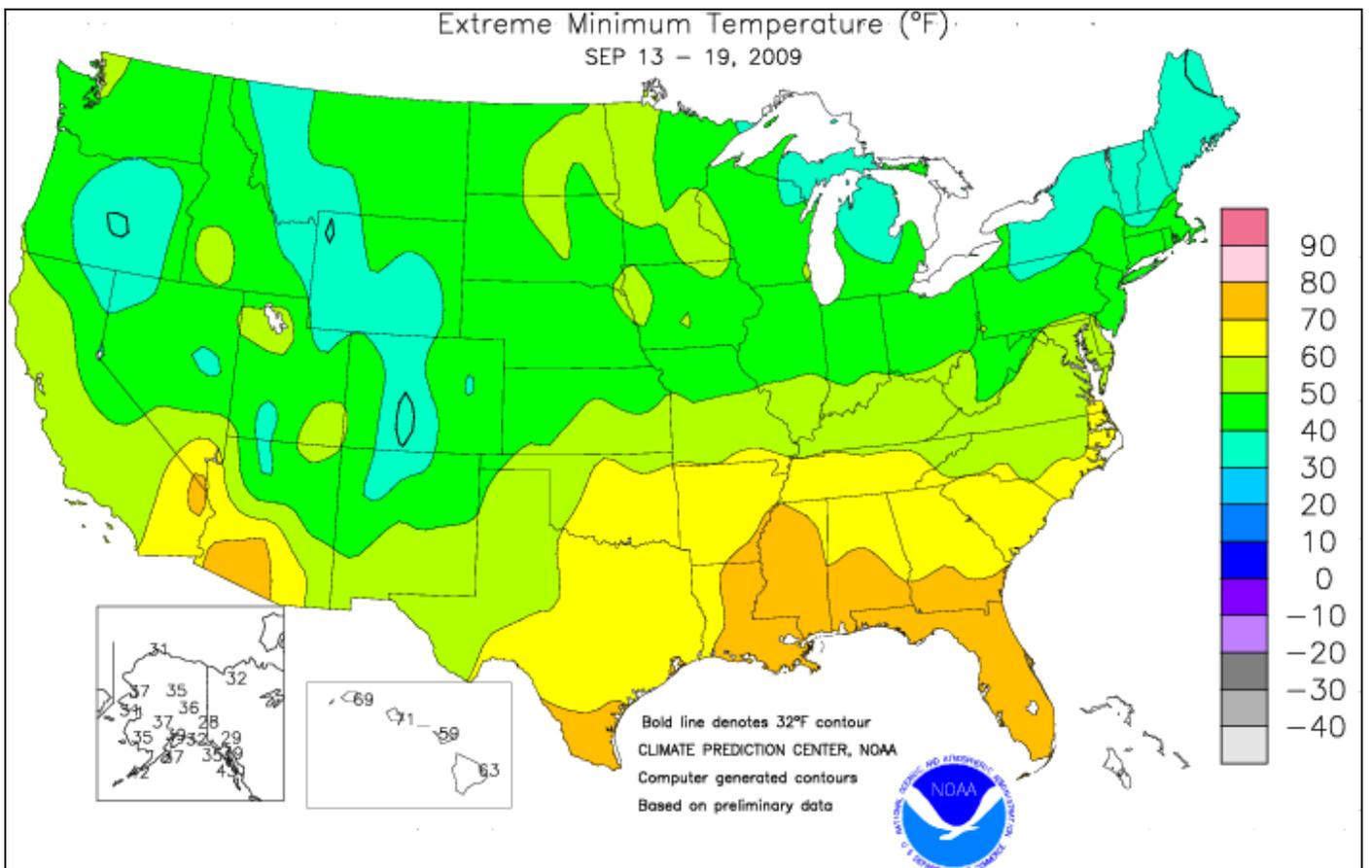
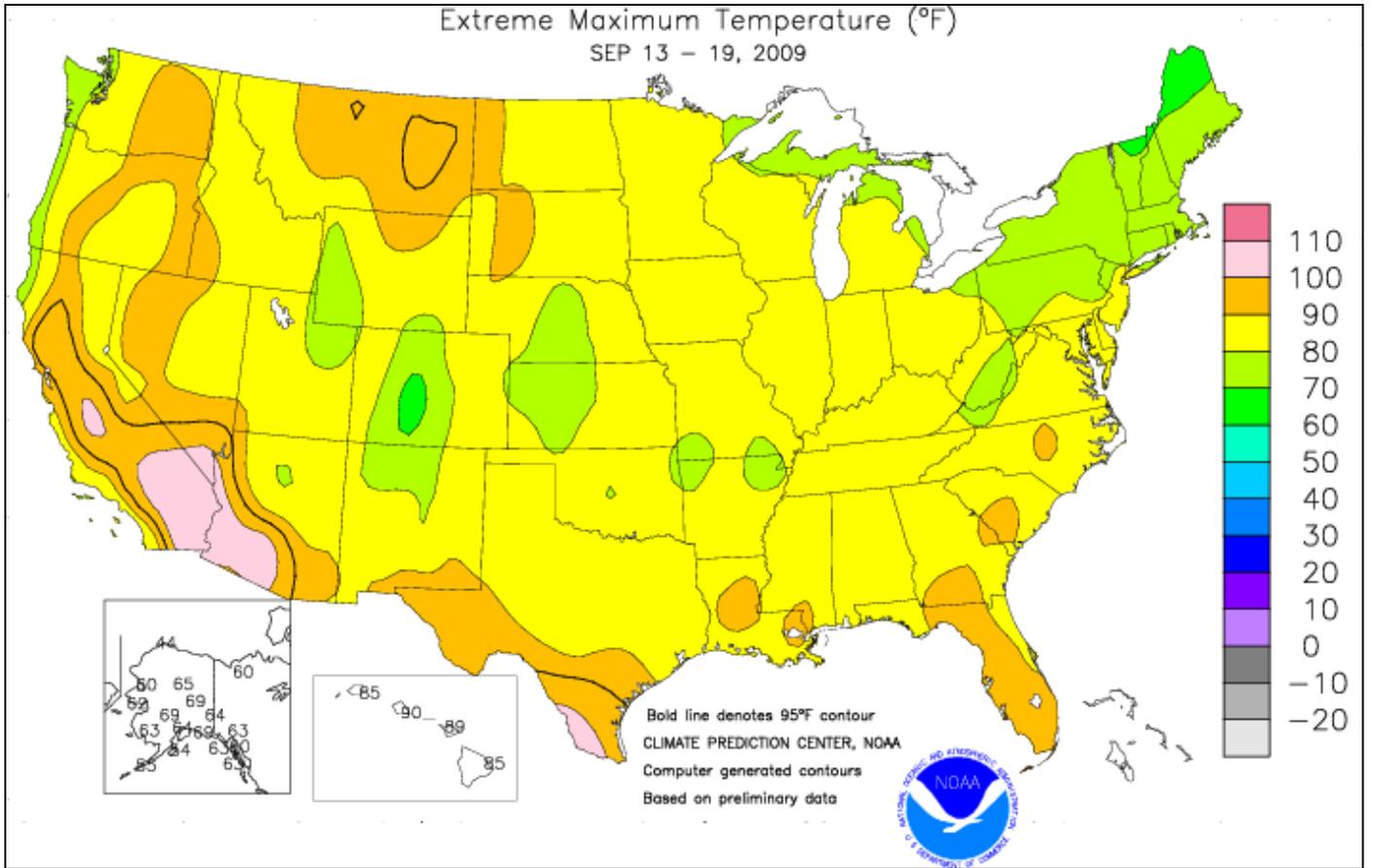
Drought Severity Index by Division  
SEP 19, 2009  
(Long Term Palmer)

(Index Values are in Tenths. Example 37=3.7)



- 0.4 to -0.4 NEAR NORMAL
- 0.5 to -0.9 INCIPIENT DROUGHT
- 1.0 to -1.9 MILD DROUGHT
- 2.0 to -2.9 MODERATE DROUGHT
- 3.0 to -3.9 SEVERE DROUGHT
- BELOW -4.0 EXTREME DROUGHT
- 0.5 to 0.9 INCIPIENT MOIST SPELL
- 1.0 to 1.9 MOIST SPELL
- 2.0 to 2.9 UNUSUAL MOIST SPELL
- 3.0 to 3.9 VERY MOIST SPELL
- ABOVE 4.0 EXTREME MOIST SPELL

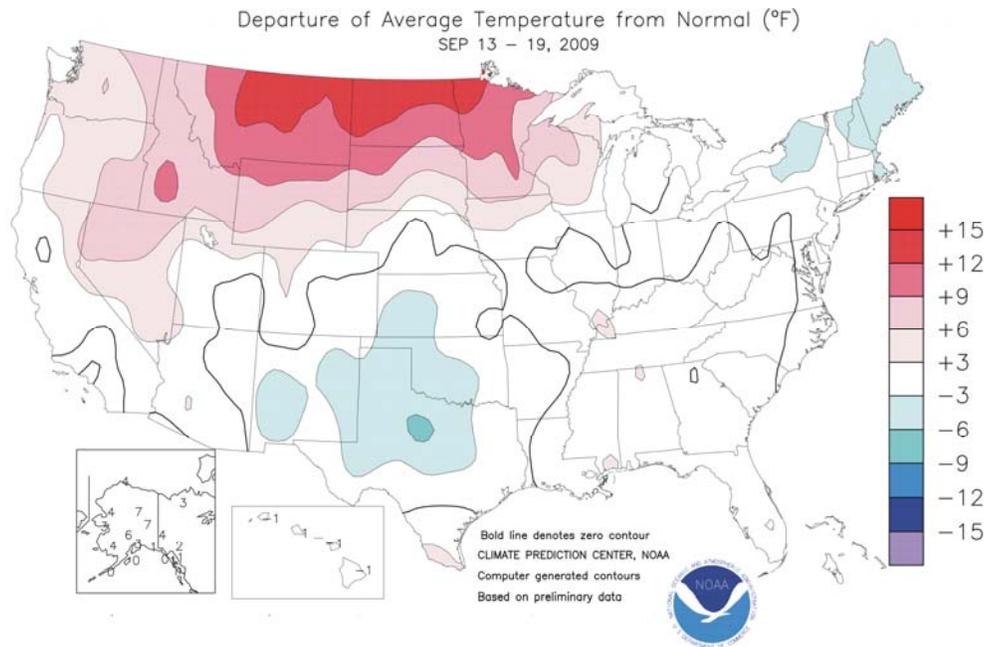
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY  
Based on preliminary data



(Continued from front cover)

Conditions were especially favorable in the **upper Midwest**, where weekly temperatures averaged as much as 10°F above normal. Remarkably warm weather (5 to 15°F above normal) also prevailed across the **northern Plains**, where warmth aided late-developing summer crops in the **Dakotas** and encouraged small grain planting and harvesting efforts throughout the region. Fieldwork also advanced across the remainder of the **nation's mid-section**, except on the **southeastern Plains**, where heavy showers lingered. Elsewhere, warm, dry weather across much of the **West** favored late-summer fieldwork, including **Northwestern** winter wheat planting and **California's** rice harvest. Significant **Western** precipitation was confined to the **southern Rockies**.

Early in the week, record-setting warmth lingered in the **Northwest**, where daily-record highs in **Washington** for September 13 included 94°F at both **Omak** and **Wenatchee**. Meanwhile, a cold front reached the **Pacific Coast**, producing daily-record totals for September 13 in **northern California** locations such as **Eureka** (0.99 inch) and **San Jose** (0.21 inch). The following day in **California**, records for September 14 reached 0.20 inch in both **Hanford** and **Modesto**. Farther south, enough rain (1.25 inches) fell in **Albuquerque, NM**, on September 16-17 to result in the tenth-wettest 2-day period on record in September in that location. Meanwhile, locally heavy rain persisted in the **Mid-South** and spread into the **Southeast**. **Southern** records for September 14 included 4.14 inches in **Longview, TX**, and 2.07 inches in **Huntsville, AL**. As the week progressed, other impressive daily-record totals included 4.82 inches (on September 15) in **Texarkana, AR**, and 5.92 inches (on September 17) in **Pensacola, FL**. On September 16, rainfall in **Arkansas** reached 8.41 inches in **Mena** and 6.83 inches in **Searcy**. Selected weekly (September 13-19) totals climbed to 5.05 inches in **Athens, GA**; 7.59 inches in **Greenwood, MS**; 8.70 inches in **Searcy**; and 9.29 inches in **Pensacola**. By week's end, September rainfall records had been broken in **Arkansas** locations such as **Pine Ridge** (14.28 inches; previously, 12.13 inches in 1945) and **Danville** (11.65 inches; previously, 9.93 inches in 1925). By September 21-22, severe flooding developed in parts of **Georgia's Chattahoochee River basin**, where a December 1919 all-time-record crest was surpassed in **Whitesburg**. In



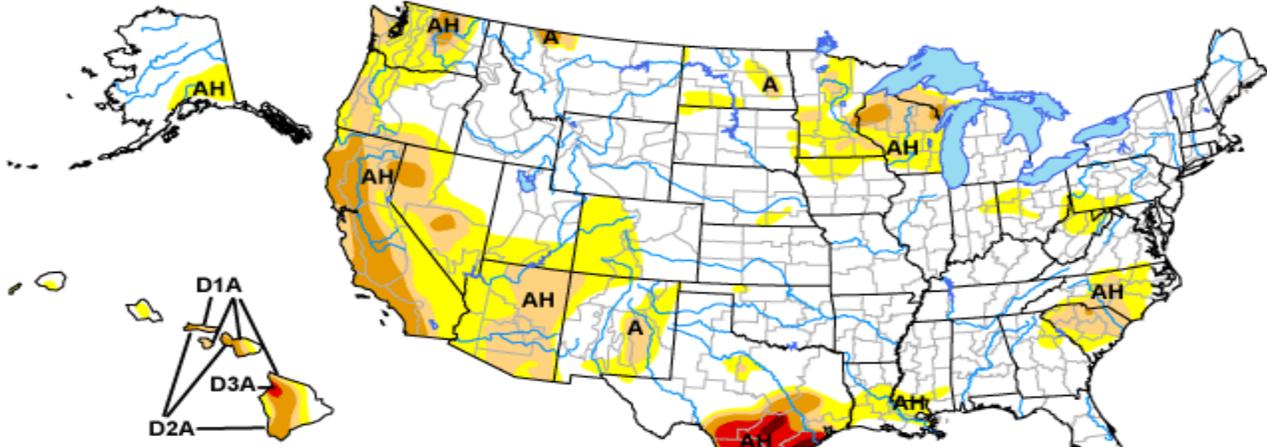
stark contrast, no measurable rain fell during the first 19 days of September in **La Crosse, WI**, and **Rochester, MN**. **La Crosse** previously set a record in 1893 by starting September with 16 dry days, while **Rochester** opened September 1998 with a then-record 18 days without measurable precipitation.

Warmth was most persistent across the **northern Plains** and **northern Intermountain West**, although heat also returned to **Deep South Texas**. **McAllen, TX** (100, 103, and 101°F), posted a trio of daily-record highs from September 14-16. Farther north, temperatures occasionally topped 95°F in **Montana**, where daily-record highs included 99°F (on September 17) in **Havre** and 97°F (on September 18) in **Simpson**. Elsewhere, late-week records reached 93°F in **Reno, NV** (on September 18); **San Francisco, CA** (on September 18); and **Williston, ND** (on September 19). In contrast, cool air twice overspread the **Northeast**, resulting in daily-record lows of 29°F in locations such as **Caribou, ME** (on September 17), and **Watertown, NY** (on September 19).

Mild, mostly dry weather prevailed across the **Alaskan mainland**, where temperatures averaged as much as 7°F above normal. Daily-record highs were set in locations such as **McGrath** (69°F on September 15) and **King Salmon** (63°F on September 19). In **south-central Alaska**, **Kodiak** was an exception to the mostly dry pattern, with the 3.48-inch weekly rainfall aided by a 2.26-inch total on September 16. Farther south, cool, generally dry weather covered **Hawaii**. On **Maui, Kahului** (59 and 62°F) posted consecutive daily-record lows on September 15-16. On the **Big Island, Hilo's** weekly rainfall of 1.05 inches left its September 1-19 sum at 4.57 inches (77 percent of normal).

# U.S. Drought Monitor

September 15, 2009  
Valid 8 a.m. EDT



- 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. See accompanying text summary for forecast statements.



Released Thursday, September 17, 2009  
Author: Anthony Artusa, CPC/NCEP/NWS/NOAA

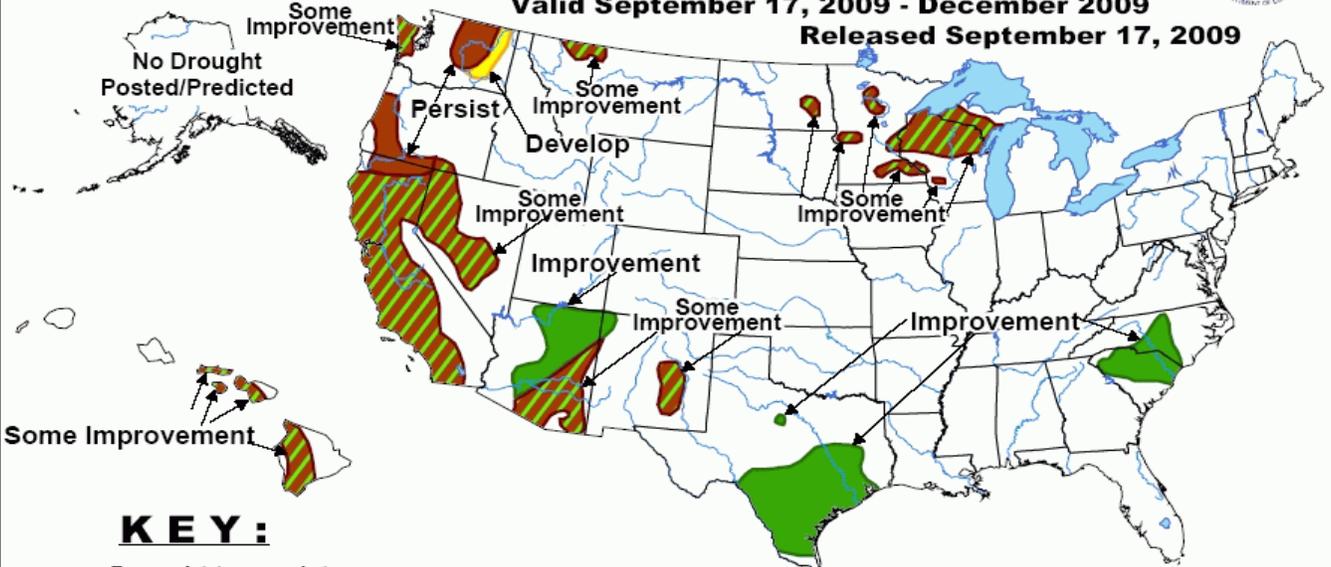
<http://drought.unl.edu/dm>

## U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid September 17, 2009 - December 2009

Released September 17, 2009



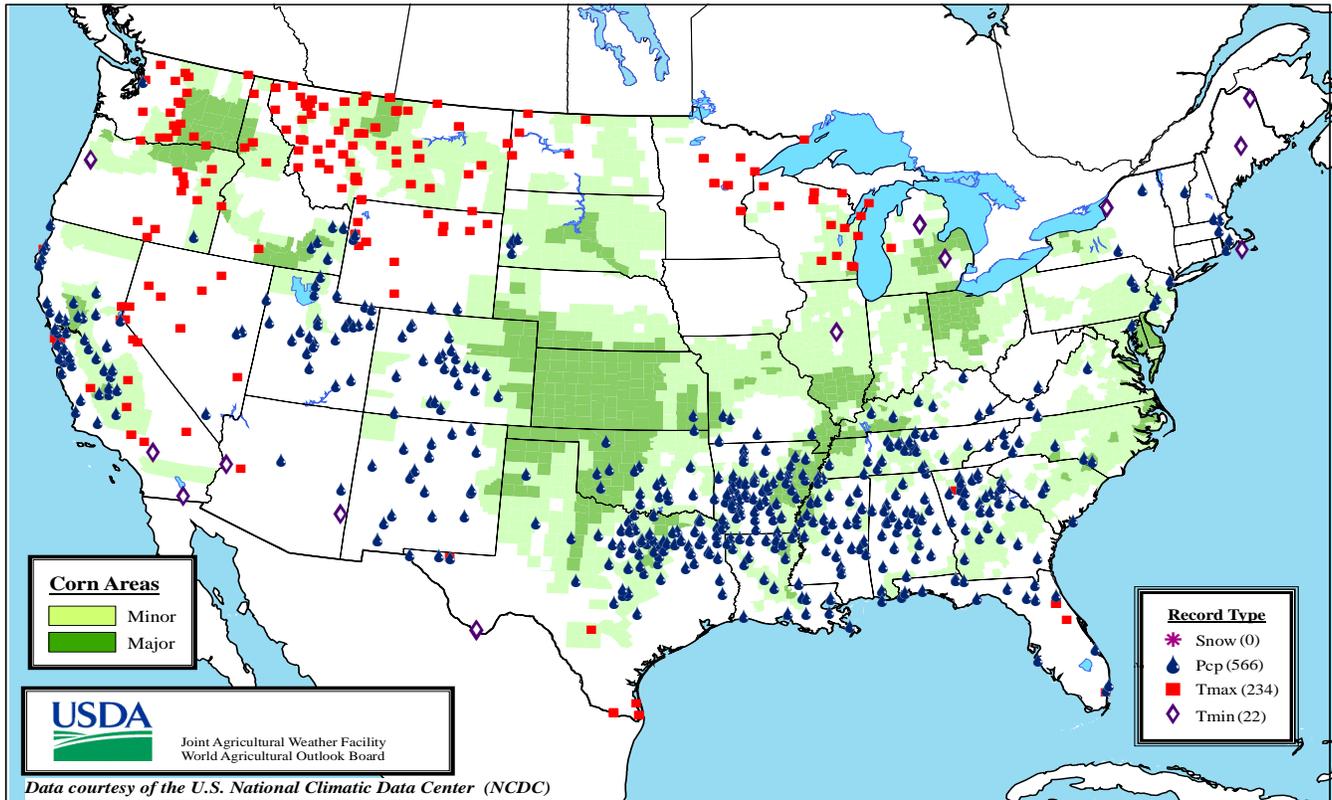
**KEY:**

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

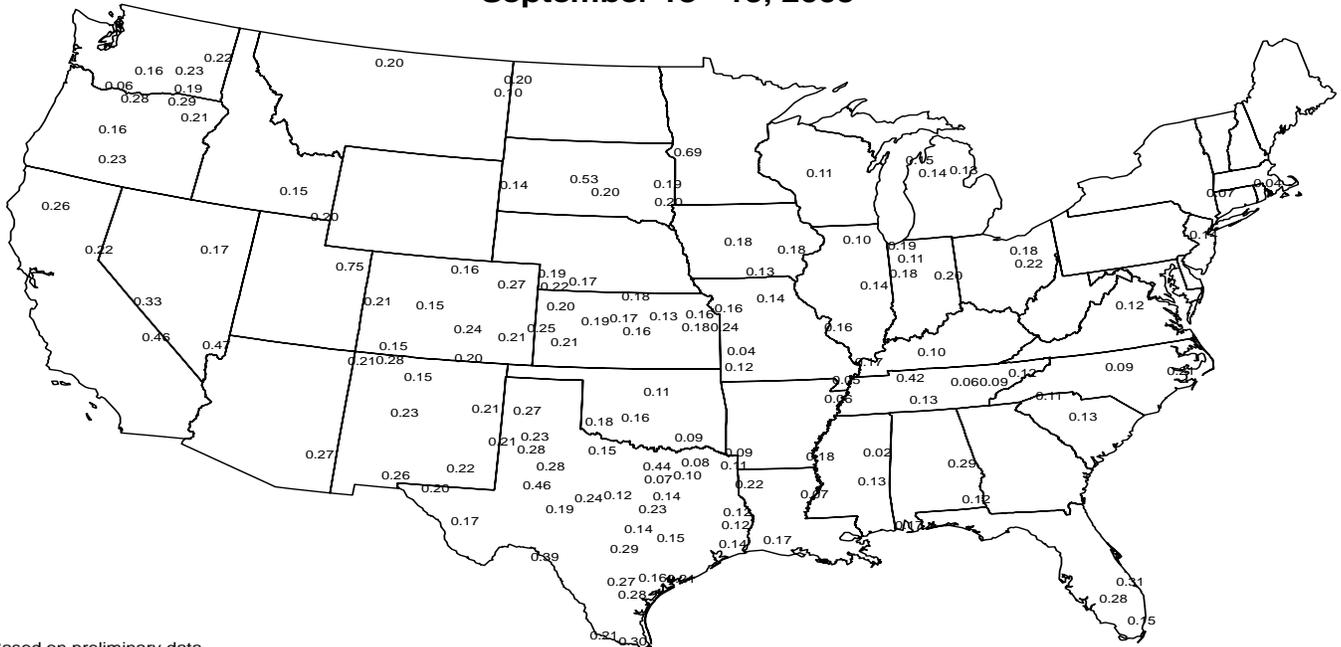
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

No Drought Posted/Predicted

### Daily Weather Records (ASOS & COOP) September 13-19, 2009



### Average Pan Evaporation (inches) September 13 - 19, 2009



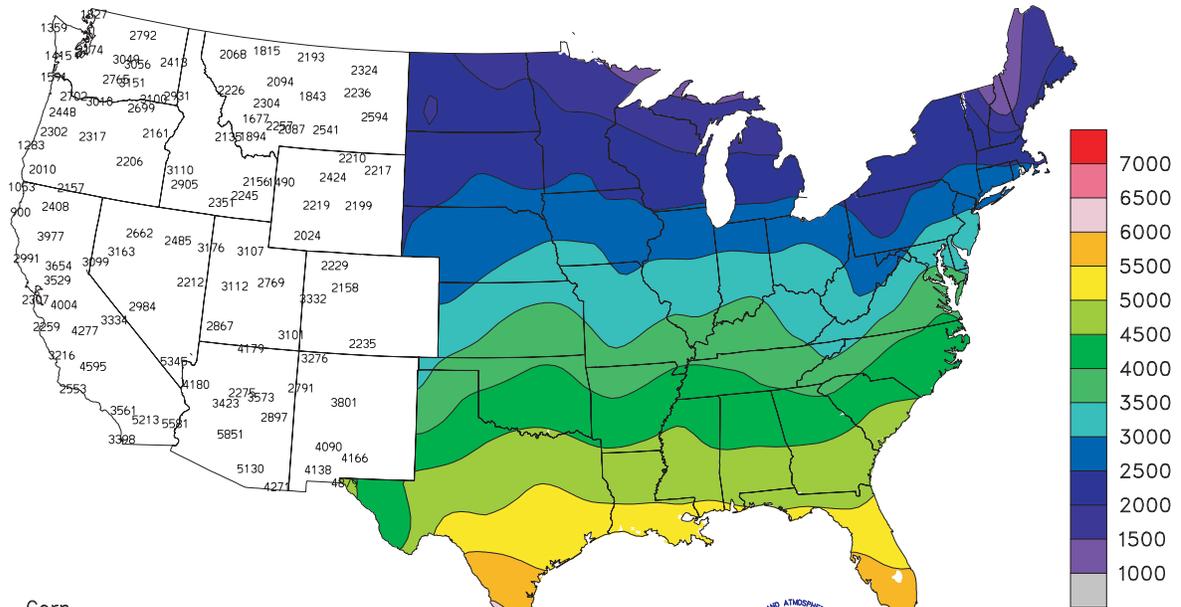
Based on preliminary data

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

Data obtained from the NWS Cooperative Observer Network.

### Total Growing Degree Days

MAR 1 - SEP 19, 2009

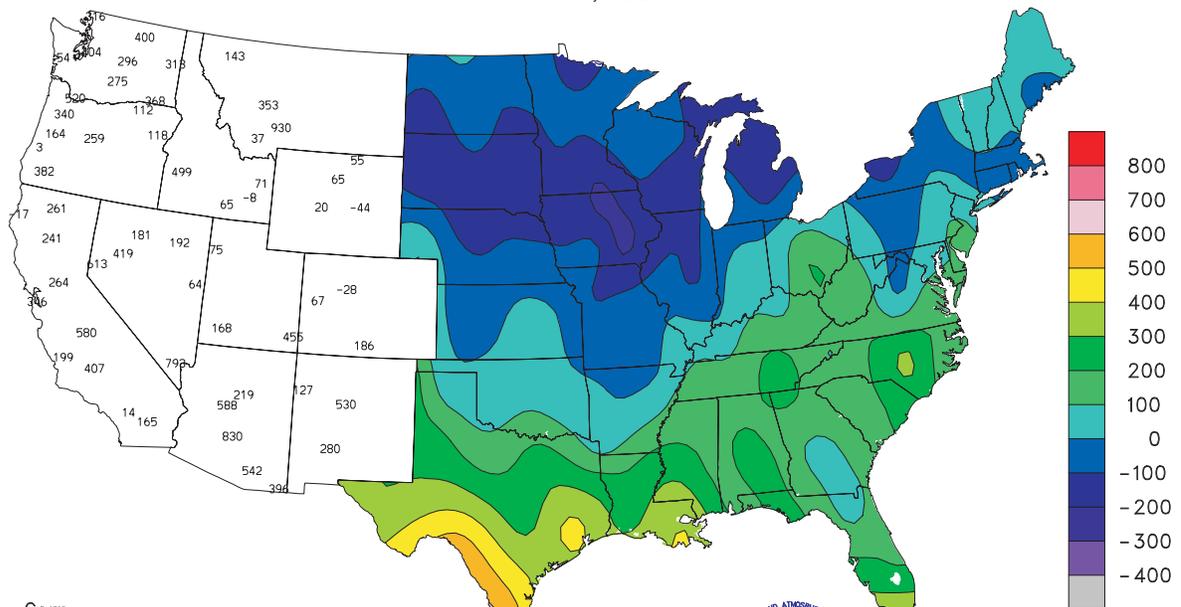


Corn  
 Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.



### Departure From Normal Growing Degree Days

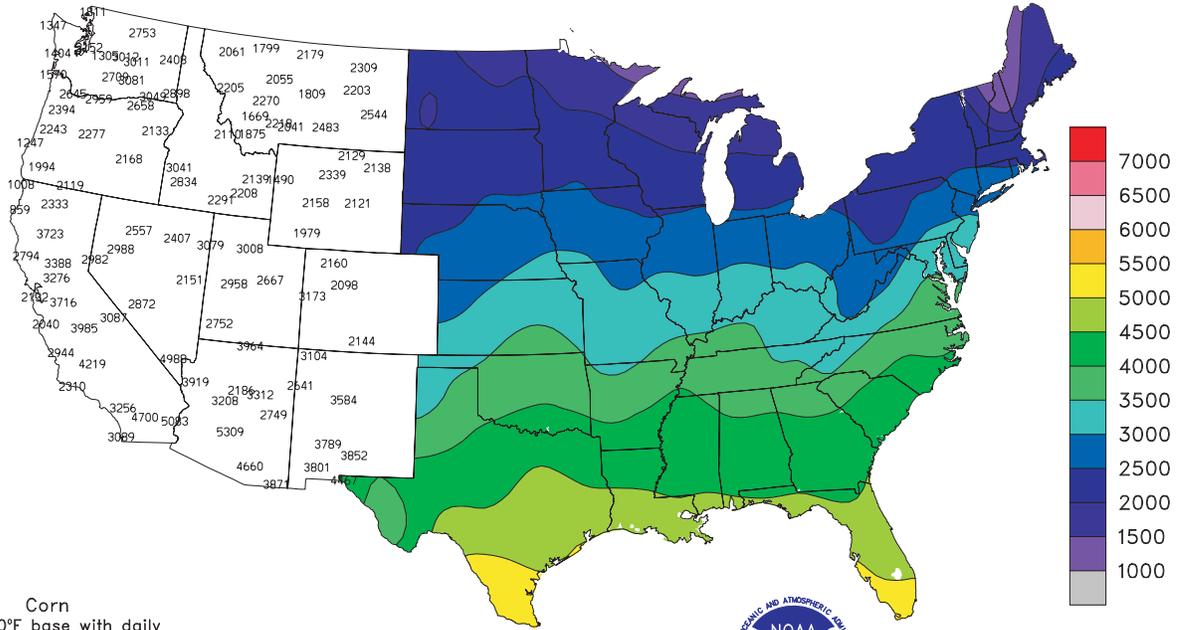
MAR 1 - SEP 19, 2009



Corn  
 Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.



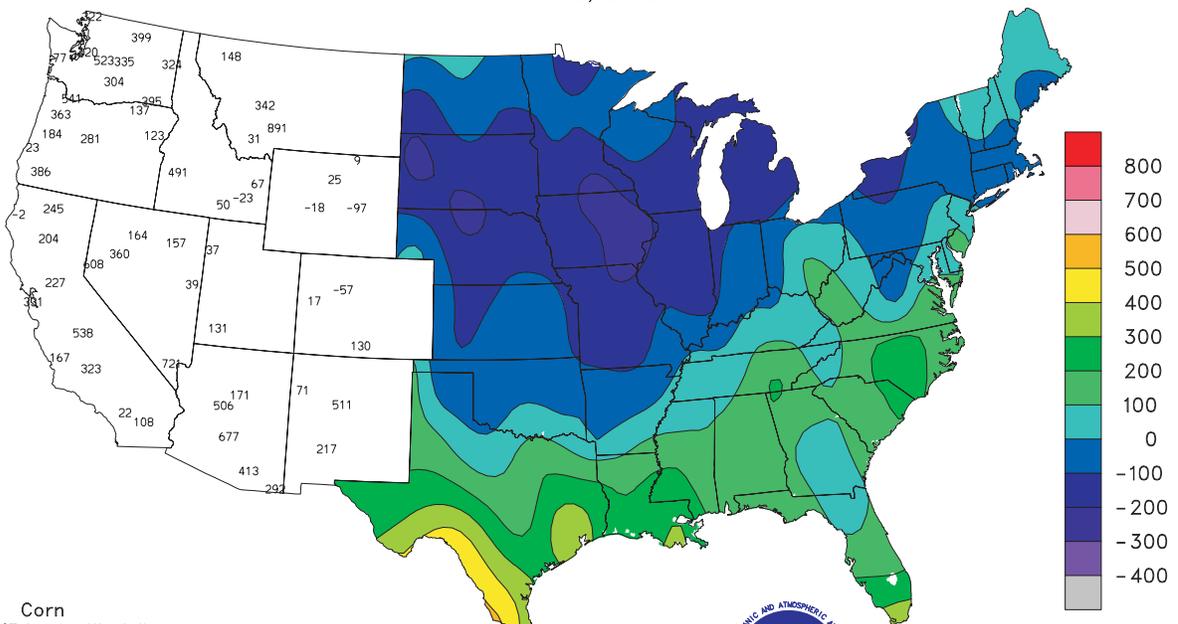
### Total Growing Degree Days APR 1 - SEP 19, 2009



Corn  
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.



### Departure From Normal Growing Degree Days APR 1 - SEP 19, 2009



Corn  
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.



**Agricultural Weather Data Compiled by USDA's Stoneville Field Office**

**Weather Data for the Week Ending September 19, 2009**

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 | 01 INCH OR MORE | .50 INCH OR MORE |   |
|                     | MISSISSIPPI    | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| ND TUNICA 1W        | 82             | 70      | 87      | 68      | 76           | -           | -             | 3.87                  | -                | 1.19                  | 4.12                     | -                     | -                       | -                     | 78                      | 76             | 0       | 0       | 0       | 0            | 6            | 3               | -                |   |
| LYON                | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| VANCE               | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| PERTHSHIRE          | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| SCOTT               | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| SANDY RIDGE         | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| NE VERONA           | 82             | 71      | 85      | 70      | 76           | -           | -             | 3.06                  | -                | 1.12                  | 4.48                     | -                     | 40.19                   | -                     | 81                      | 74             | 0       | 0       | 0       | 0            | 6            | 2               | -                |   |
| SD STONEVILLE x     | 83             | 70      | 85      | 69      | 77           | 2           | -             | 3.65                  | 2.87             | 1.22                  | 4.28                     | 218                   | 41.65                   | 110                   | 82                      | 76             | 0       | 0       | 0       | 0            | 7            | 4               | -                |   |
| INDIANOLA 1S*       | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| INVERNESS 5E        | 82             | -       | 85      | -       | 82           | -           | -             | 5.39                  | -                | 2.08                  | 6.99                     | -                     | -                       | -                     | 82                      | 78             | 0       | -       | -       | -            | 6            | 4               | -                |   |
| SIDON               | 83             | 72      | 88      | 69      | 77           | -           | -             | 6.36                  | -                | 3.04                  | 6.47                     | -                     | 45.71                   | -                     | 81                      | 77             | 0       | 0       | 0       | 0            | 6            | 5               | -                |   |
| NORTH ISSAQUENA     | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| SILVER CITY         | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| ONWARD              | 85             | 71      | 88      | 70      | 78           | -           | -             | 2.65                  | -                | 0.80                  | 2.68                     | -                     | -                       | -                     | 84                      | 78             | 0       | 0       | 0       | 0            | 5            | 3               | -                |   |
| MAYDAY              | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| MISSOURI            | -              | -       | -       | -       | -            | -           | -             | -                     | -                | -                     | -                        | -                     | -                       | -                     | -                       | -              | -       | -       | -       | -            | -            | -               | -                | - |
| NW CORNING          | 80             | 54      | 83      | 47      | 67           | 2           | 0.00          | -0.61                 | 0.00             | 0.09                  | 4                        | 20.37                 | 75                      | -                     | -                       | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| ALBANY              | 79             | 52      | 81      | 45      | 65           | 0           | 0.00          | -0.94                 | 0.00             | 0.00                  | 0                        | 30.34                 | 108                     | 78                    | 67                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| ST. JOSEPH          | 77             | 57      | 79      | 52      | 66           | 0           | 0.00          | -1.14                 | 0.00             | 0.30                  | 11                       | 29.59                 | 103                     | -                     | -                       | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| NC LINNEUS          | 78             | 55      | 81      | 47      | 65           | -1          | 0.00          | -1.13                 | 0.00             | 0.01                  | 0                        | 33.02                 | 112                     | 74                    | 65                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| BRUNSWICK           | 80             | 53      | 82      | 45      | 66           | -1          | 0.00          | -1.01                 | 0.00             | 0.00                  | 0                        | 32.53                 | 111                     | 79                    | 71                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| NE NOVELTY          | 77             | 53      | 80      | 46      | 64           | -2          | 0.00          | -1.18                 | 0.00             | 0.04                  | 2                        | 34.90                 | 127                     | 81                    | 63                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| MONROE CITY         | 77             | 53      | 80      | 47      | 64           | -2          | 0.00          | -0.97                 | 0.00             | 0.06                  | 3                        | 30.37                 | 110                     | 76                    | 64                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| WC GREEN RIDGE      | 78             | 57      | 81      | 50      | 67           | 0           | 0.00          | -1.53                 | 0.00             | 1.27                  | 48                       | 30.98                 | 100                     | 71                    | 66                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| C AUXVASSE          | 79             | 55      | 82      | 47      | 66           | -1          | 0.00          | -1.10                 | 0.00             | 0.03                  | 1                        | 33.50                 | 113                     | 72                    | 62                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| COL-SANBORN FLD     | 79             | 59      | 82      | 53      | 69           | 1           | 0.00          | -1.21                 | 0.00             | 0.21                  | 9                        | 34.91                 | 112                     | 80                    | 67                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| WILLIAMSBURG        | 79             | 55      | 83      | 48      | 66           | 0           | 0.00          | -1.27                 | 0.00             | 0.01                  | 0                        | 28.31                 | 91                      | 77                    | 66                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| COL-JEFFERS F&G     | 77             | 58      | 80      | 51      | 67           | 0           | 0.01          | -1.18                 | 0.01             | 0.12                  | 5                        | 34.47                 | 111                     | 75                    | 66                      | 0              | 0       | 0       | 0       | 0            | 1            | 0               | 0                | 0 |
| COL SOUTH FARMS     | 78             | 58      | 81      | 52      | 68           | 1           | 0.01          | -1.20                 | 0.01             | 0.11                  | 5                        | 37.22                 | 120                     | -                     | -                       | 0              | 0       | 0       | 0       | 0            | 1            | 0               | 0                | 0 |
| COL-BF              | 78             | 57      | 81      | 51      | 67           | 0           | 0.00          | -1.21                 | 0.00             | 0.04                  | 2                        | -                     | -                       | 79                    | 65                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| VERSAILLES          | 80             | 58      | 83      | 49      | 68           | 0           | 0.18          | -0.92                 | 0.18             | 3.15                  | 132                      | 36.86                 | 119                     | 77                    | 67                      | 0              | 0       | 0       | 0       | 0            | 1            | 0               | 0                | 0 |
| EC VANDALIA         | 79             | 53      | 82      | 47      | 65           | -2          | 0.00          | -1.26                 | 0.00             | 0.35                  | 13                       | 29.97                 | 95                      | 81                    | 66                      | 0              | 0       | 0       | 0       | 0            | 0            | 0               | 0                | 0 |
| SW LAMAR            | 76             | 61      | 79      | 53      | 67           | -2          | 0.01          | -1.41                 | 0.01             | 3.57                  | 118                      | 32.12                 | 91                      | 75                    | 66                      | 0              | 0       | 0       | 0       | 0            | 1            | 0               | 0                | 0 |
| SC COOK STATION     | 78             | 56      | 82      | 53      | 67           | 0           | 0.52          | -0.60                 | 0.47             | 3.09                  | 124                      | 32.85                 | 104                     | 73                    | 68                      | 0              | 0       | 0       | 0       | 2            | 0            | 0               | 0                | 0 |
| MOUNTAIN GROVE      | 75             | 62      | 79      | 59      | 67           | 0           | 2.06          | 1.01                  | 1.34             | 2.14                  | 87                       | 27.48                 | 85                      | 72                    | 65                      | 0              | 0       | 0       | 0       | 3            | 2            | 0               | 0                | 0 |
| SE DELTA            | 81             | 63      | 84      | 58      | 72           | 3           | 0.74          | 0.05                  | 0.72             | 2.37                  | 132                      | 27.38                 | 85                      | 77                    | 69                      | 0              | 0       | 0       | 0       | 2            | 1            | 0               | 0                | 0 |
| CHARLESTON          | 82             | 66      | 85      | 59      | 73           | 4           | 1.13          | 0.35                  | 0.97             | 1.38                  | 90                       | 31.79                 | 98                      | 78                    | 70                      | 0              | 0       | 0       | 0       | 3            | 1            | 0               | 0                | 0 |
| GLENNONVILLE        | 80             | 66      | 82      | 62      | 72           | 1           | 1.44          | 0.57                  | 0.75             | 1.58                  | 96                       | 32.00                 | 108                     | 75                    | 70                      | 0              | 0       | 0       | 0       | 4            | 1            | 0               | 0                | 0 |
| CLARKTON            | 81             | 65      | 82      | 60      | 72           | 1           | 2.15          | 1.28                  | 0.63             | 2.46                  | 148                      | 29.28                 | 96                      | 78                    | 71                      | 0              | 0       | 0       | 0       | 4            | 2            | 0               | 0                | 0 |
| PORTAGEVILLE DC     | 80             | 67      | 83      | 60      | 73           | 2           | 1.64          | 0.78                  | 0.50             | 3.71                  | 194                      | 36.10                 | 113                     | 79                    | 71                      | 0              | 0       | 0       | 0       | 5            | 1            | 0               | 0                | 0 |
| PORTAGEVILLE LF     | 80             | 67      | 82      | 61      | 73           | 2           | 1.93          | 1.07                  | 0.92             | 2.35                  | 116                      | 35.09                 | 109                     | 77                    | 72                      | 0              | 0       | 0       | 0       | 5            | 1            | 0               | 0                | 0 |
| STEELE              | 79             | 67      | 84      | 63      | 73           | 1           | 2.75          | 1.87                  | 2.58             | 3.44                  | 183                      | 42.83                 | 127                     | 77                    | 73                      | 0              | 0       | 0       | 0       | 5            | 1            | 0               | 0                | 0 |
| CARDWELL            | 77             | 67      | 81      | 63      | 71           | -1          | 0.74          | -0.07                 | 0.52             | 1.42                  | 80                       | 40.55                 | 126                     | 76                    | 71                      | 0              | 0       | 0       | 0       | 3            | 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.

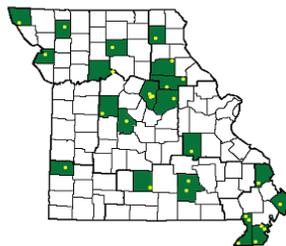
Mississippi: ND = Northern Delta; NE = Northeastern Mississippi; EC = East Central Mississippi; SD = Southern Delta

Missouri: NW = Northwest; 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, Col-BF=Bradford Farm)

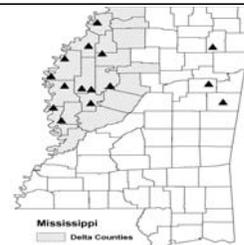
**Weather and Crop Summary for the Mississippi Delta:** With rain falling nearly all week, fieldwork came to a halt and flash flooding occurred. Widespread 4- to 8-inch rainfall totals were reported in the Delta, except in southernmost areas.

Missouri Weather Stations



Note: For information on the weather stations in Missouri please visit: <http://agebb.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](http://www.deltaweather.msstate.edu/maps/weather_station_map.htm)

National Weather Data for Selected Cities

Weather Data for the Week Ending September 19, 2009

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 SEP 1 | PCT. NORMAL SINCE SEP 1 | TOTAL IN, SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM           | AVERAGE MINIMUM | TEMP. °F       |              |                  |                  |
|                     |                 |                 |              |             |         |                       |                   |                       |                          |                       |                         |                       |                         |                           |                 | 90 AND ABOVE   | 82 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM       | 83              | 71              | 86           | 69          | 77      | 3                     | 5.21              | 4.22                  | 2.54                     | 8.39                  | 333                     | 50.08                 | 125                     | 94                        | 70              | 0              | 0            | 7                | 2                |
| HUNTSVILLE          | 82              | 70              | 86           | 65          | 76      | 3                     | 3.45              | 2.41                  | 2.07                     | 3.78                  | 143                     | 46.18                 | 111                     | 89                        | 74              | 0              | 0            | 5                | 2                |
| MOBILE              | 88              | 74              | 89           | 72          | 81      | 3                     | 3.64              | 2.14                  | 2.24                     | 5.96                  | 144                     | 51.06                 | 100                     | 93                        | 73              | 0              | 0            | 5                | 2                |
| AK MONTGOMERY       | 85              | 71              | 88           | 71          | 78      | 1                     | 4.69              | 3.64                  | 1.45                     | 5.94                  | 219                     | 40.98                 | 100                     | 97                        | 73              | 0              | 0            | 6                | 4                |
| ANCHORAGE           | 59              | 44              | 64           | 39          | 52      | 3                     | 0.05              | -0.62                 | 0.05                     | 0.13                  | 7                       | 8.43                  | 78                      | 84                        | 75              | 0              | 0            | 1                | 0                |
| BARROW              | 39              | 34              | 44           | 31          | 37      | 5                     | 0.03              | -0.12                 | 0.02                     | 0.56                  | 122                     | 5.01                  | 154                     | 99                        | 84              | 0              | 1            | 2                | 0                |
| FAIRBANKS           | 62              | 44              | 69           | 36          | 53      | 7                     | 0.25              | 0.01                  | 0.17                     | 0.31                  | 41                      | 7.05                  | 93                      | 87                        | 72              | 0              | 0            | 3                | 0                |
| JUNEAU              | 56              | 45              | 60           | 39          | 51      | 1                     | 1.39              | -0.33                 | 0.39                     | 3.51                  | 81                      | 36.99                 | 103                     | 95                        | 89              | 0              | 0            | 6                | 0                |
| KODIAK              | 53              | 47              | 54           | 37          | 50      | 0                     | 3.41              | 1.59                  | 1.98                     | 7.51                  | 169                     | 51.55                 | 105                     | 96                        | 86              | 0              | 0            | 6                | 1                |
| NOME                | 55              | 39              | 62           | 31          | 47      | 3                     | 0.12              | -0.47                 | 0.12                     | 0.92                  | 52                      | 11.79                 | 99                      | 84                        | 70              | 0              | 2            | 1                | 0                |
| AZ FLAGSTAFF        | 72              | 41              | 74           | 36          | 56      | -2                    | 0.34              | -0.14                 | 0.32                     | 0.76                  | 55                      | 7.70                  | 47                      | 86                        | 33              | 0              | 0            | 2                | 0                |
| PHOENIX             | 100             | 79              | 102          | 75          | 90      | 3                     | 0.00              | -0.17                 | 0.00                     | 0.17                  | 41                      | 2.79                  | 51                      | 34                        | 21              | 7              | 0            | 0                | 0                |
| PRESCOTT            | 83              | 55              | 84           | 50          | 69      | 3                     | 0.00              | -0.48                 | 0.00                     | 0.41                  | 28                      | 7.31                  | 50                      | 58                        | 20              | 0              | 0            | 0                | 0                |
| TUCSON              | 95              | 71              | 96           | 66          | 83      | 1                     | 0.03              | -0.28                 | 0.01                     | 0.79                  | 86                      | 5.59                  | 64                      | 49                        | 25              | 7              | 0            | 3                | 0                |
| AR FORT SMITH       | 78              | 69              | 82           | 67          | 74      | -1                    | 3.10              | 2.25                  | 1.81                     | 5.97                  | 279                     | 40.51                 | 134                     | 87                        | 71              | 0              | 0            | 4                | 2                |
| LITTLE ROCK         | 77              | 71              | 82           | 67          | 74      | -1                    | 5.05              | 4.18                  | 3.48                     | 6.09                  | 269                     | 51.38                 | 148                     | 94                        | 80              | 0              | 0            | 4                | 3                |
| CA BAKERSFIELD      | 90              | 67              | 101          | 63          | 78      | 1                     | 0.01              | -0.02                 | 0.01                     | 0.01                  | 14                      | 3.41                  | 72                      | 60                        | 42              | 3              | 0            | 1                | 0                |
| FRESNO              | 91              | 64              | 102          | 58          | 77      | 2                     | 0.01              | -0.04                 | 0.01                     | 0.01                  | 11                      | 5.08                  | 64                      | 70                        | 44              | 4              | 0            | 1                | 0                |
| LOS ANGELES         | 74              | 64              | 76           | 61          | 69      | -1                    | 0.00              | -0.06                 | 0.00                     | 0.00                  | 0                       | 4.12                  | 42                      | 86                        | 71              | 0              | 0            | 0                | 0                |
| REDDING             | 90              | 61              | 98           | 56          | 76      | 2                     | 0.12              | 0.04                  | 0.12                     | 0.12                  | 63                      | 16.37                 | 73                      | 71                        | 47              | 5              | 0            | 1                | 0                |
| SACRAMENTO          | 87              | 59              | 97           | 55          | 73      | 1                     | 0.14              | 0.06                  | 0.14                     | 0.14                  | 74                      | 11.74                 | 96                      | 86                        | 32              | 4              | 0            | 1                | 0                |
| SAN DIEGO           | 75              | 66              | 77           | 65          | 70      | -2                    | 0.00              | -0.03                 | 0.00                     | 0.00                  | 0                       | 3.10                  | 40                      | 82                        | 69              | 0              | 0            | 0                | 0                |
| SAN FRANCISCO       | 77              | 59              | 93           | 57          | 68      | 4                     | 0.28              | 0.25                  | 0.28                     | 0.28                  | 400                     | 10.39                 | 77                      | 90                        | 72              | 1              | 0            | 1                | 0                |
| STOCKTON            | 88              | 59              | 98           | 55          | 73      | 0                     | 1.21              | 1.15                  | 0.98                     | 1.27                  | 907                     | 8.03                  | 87                      | 81                        | 51              | 3              | 0            | 2                | 1                |
| CO ALAMOSA          | 71              | 42              | 75           | 36          | 56      | 1                     | 0.40              | 0.21                  | 0.36                     | 0.77                  | 133                     | 5.46                  | 100                     | 92                        | 57              | 0              | 0            | 4                | 0                |
| CO SPRINGS          | 71              | 47              | 77           | 42          | 59      | -1                    | 0.15              | -0.11                 | 0.10                     | 1.10                  | 106                     | 14.17                 | 92                      | 93                        | 42              | 0              | 0            | 2                | 0                |
| DENVER INTL         | 80              | 50              | 84           | 46          | 65      | 3                     | 0.00              | -0.22                 | 0.00                     | 0.13                  | 21                      | 15.21                 | 133                     | 81                        | 28              | 0              | 0            | 0                | 0                |
| GRAND JUNCTION      | 79              | 55              | 85           | 50          | 67      | 1                     | 0.23              | 0.04                  | 0.12                     | 0.23                  | 46                      | 5.82                  | 92                      | 74                        | 43              | 0              | 0            | 3                | 0                |
| PUEBLO              | 79              | 49              | 84           | 44          | 64      | -1                    | 0.09              | -0.08                 | 0.09                     | 0.33                  | 49                      | 13.04                 | 123                     | 89                        | 50              | 0              | 0            | 1                | 0                |
| CT BRIDGEPORT       | 73              | 56              | 81           | 47          | 64      | -2                    | 0.02              | -0.81                 | 0.02                     | 0.79                  | 35                      | 25.24                 | 78                      | 82                        | 58              | 0              | 0            | 1                | 0                |
| HARTFORD            | 73              | 51              | 81           | 44          | 62      | -2                    | 0.00              | -0.96                 | 0.00                     | 0.49                  | 19                      | 34.38                 | 104                     | 90                        | 52              | 0              | 0            | 0                | 0                |
| DC WASHINGTON       | 79              | 64              | 84           | 60          | 71      | 0                     | 0.21              | -0.69                 | 0.20                     | 1.60                  | 68                      | 28.26                 | 99                      | 82                        | 52              | 0              | 0            | 2                | 0                |
| DE WILMINGTON       | 75              | 59              | 82           | 50          | 67      | -1                    | 0.36              | -0.60                 | 0.36                     | 3.36                  | 135                     | 33.71                 | 107                     | 93                        | 54              | 0              | 0            | 1                | 0                |
| FL DAYTONA BEACH    | 88              | 74              | 89           | 73          | 81      | 1                     | 0.27              | -1.32                 | 0.27                     | 2.90                  | 67                      | 43.70                 | 119                     | 95                        | 59              | 0              | 0            | 1                | 0                |
| JACKSONVILLE        | 87              | 73              | 88           | 71          | 80      | 2                     | 0.41              | -1.53                 | 0.37                     | 6.45                  | 122                     | 50.44                 | 123                     | 96                        | 61              | 0              | 0            | 3                | 0                |
| KEY WEST            | 90              | 81              | 91           | 77          | 86      | 2                     | 0.46              | -0.82                 | 0.43                     | 3.31                  | 91                      | 19.28                 | 69                      | 80                        | 62              | 6              | 0            | 2                | 0                |
| MIAMI               | 91              | 79              | 94           | 76          | 85      | 2                     | 0.62              | -1.36                 | 0.48                     | 4.74                  | 83                      | 41.40                 | 94                      | 87                        | 63              | 6              | 0            | 2                | 0                |
| ORLANDO             | 91              | 73              | 92           | 72          | 82      | 0                     | 0.17              | -1.24                 | 0.17                     | 1.58                  | 40                      | 39.22                 | 100                     | 89                        | 56              | 6              | 0            | 1                | 0                |
| PENSACOLA           | 85              | 75              | 88           | 72          | 80      | 1                     | 9.37              | 7.98                  | 5.93                     | 10.08                 | 259                     | 58.37                 | 117                     | 93                        | 78              | 0              | 0            | 7                | 3                |
| TALLAHASSEE         | 87              | 73              | 91           | 73          | 80      | 0                     | 1.85              | 0.65                  | 0.53                     | 2.46                  | 69                      | 41.63                 | 82                      | 96                        | 80              | 2              | 0            | 6                | 2                |
| TAMPA               | 90              | 77              | 93           | 76          | 83      | 1                     | 0.98              | -0.63                 | 0.83                     | 3.35                  | 72                      | 36.63                 | 100                     | 88                        | 63              | 3              | 0            | 4                | 1                |
| GA WEST PALM BEACH  | 89              | 77              | 91           | 75          | 83      | 1                     | 0.48              | -1.51                 | 0.36                     | 5.52                  | 102                     | 44.17                 | 99                      | 84                        | 61              | 3              | 0            | 2                | 0                |
| ATHENS              | 81              | 68              | 88           | 66          | 75      | 2                     | 4.12              | 3.29                  | 1.64                     | 4.16                  | 187                     | 31.34                 | 88                      | 93                        | 74              | 0              | 0            | 5                | 3                |
| ATLANTA             | 79              | 69              | 82           | 68          | 74      | 0                     | 5.11              | 4.12                  | 3.78                     | 5.20                  | 202                     | 42.13                 | 112                     | 94                        | 81              | 0              | 0            | 4                | 3                |
| AUGUSTA             | 88              | 68              | 91           | 64          | 78      | 4                     | 1.23              | 0.40                  | 0.84                     | 1.96                  | 81                      | 29.24                 | 85                      | 96                        | 54              | 2              | 0            | 3                | 1                |
| COLUMBUS            | 84              | 70              | 86           | 69          | 77      | 0                     | 2.75              | 2.01                  | 0.97                     | 3.67                  | 180                     | 51.84                 | 141                     | 96                        | 65              | 0              | 0            | 5                | 3                |
| MACON               | 83              | 70              | 89           | 69          | 77      | 2                     | 3.48              | 2.70                  | 3.04                     | 4.08                  | 186                     | 35.75                 | 104                     | 95                        | 70              | 0              | 0            | 4                | 1                |
| SAVANNAH            | 86              | 71              | 88           | 69          | 78      | 1                     | 0.29              | -0.92                 | 0.22                     | 2.02                  | 55                      | 44.28                 | 111                     | 92                        | 67              | 0              | 0            | 2                | 0                |
| HI HILO             | 83              | 67              | 85           | 63          | 75      | -1                    | 0.69              | -1.52                 | 0.21                     | 4.30                  | 70                      | 84.60                 | 97                      | 84                        | 71              | 0              | 0            | 4                | 0                |
| HONOLULU            | 89              | 75              | 90           | 71          | 82      | 1                     | 0.02              | -0.10                 | 0.02                     | 0.06                  | 26                      | 8.50                  | 81                      | 70                        | 62              | 2              | 0            | 1                | 0                |
| KAHULUI             | 87              | 69              | 89           | 59          | 78      | -1                    | 0.04              | -0.04                 | 0.00                     | 0.12                  | 55                      | 9.53                  | 77                      | 76                        | 70              | 0              | 0            | 1                | 0                |
| LIHUE               | 84              | 73              | 85           | 69          | 79      | -1                    | 0.12              | -0.47                 | 0.06                     | 0.58                  | 41                      | 17.17                 | 70                      | 80                        | 70              | 0              | 0            | 4                | 0                |
| ID BOISE            | 88              | 62              | 92           | 55          | 75      | 10                    | 0.01              | -0.16                 | 0.01                     | 0.01                  | 2                       | 7.45                  | 90                      | 49                        | 27              | 2              | 0            | 1                | 0                |
| LEWISTON            | 87              | 58              | 96           | 51          | 73      | 8                     | 0.00              | -0.17                 | 0.00                     | 0.09                  | 20                      | 8.92                  | 97                      | 56                        | 38              | 2              | 0            | 0                | 0                |
| POCATELLO           | 84              | 48              | 88           | 40          | 66      | 7                     | 0.60              | 0.41                  | 0.60                     | 0.60                  | 122                     | 13.01                 | 145                     | 85                        | 45              | 0              | 0            | 1                | 1                |
| IL CHICAGO/O'HARE   | 78              | 56              | 84           | 50          | 67      | 3                     | 0.00              | -0.76                 | 0.00                     | 0.03                  | 1                       | 31.59                 | 116                     | 88                        | 46              | 0              | 0            | 0                | 0                |
| MOLINE              | 80              | 51              | 84           | 45          | 66      | 0                     | 0.00              | -0.72                 | 0.00                     | 0.00                  | 0                       | 38.83                 | 132                     | 95                        | 56              | 0              | 0            | 0                | 0                |
| PEORIA              | 79              | 56              | 83           | 49          | 67      | 1                     | 0.00              | -0.74                 | 0.00                     | 1.26                  | 65                      | 37.24                 | 139                     | 89                        | 45              | 0              | 0            | 0                | 0                |
| ROCKFORD            | 79              | 51              | 85           | 46          | 65      | 2                     | 0.00              | -0.82                 | 0.00                     | 0.01                  | 0                       | 34.07                 | 120                     | 93                        | 56              | 0              | 0            | 0                | 0                |
| SPRINGFIELD         | 81              | 53              | 85           | 46          | 67      | -1                    | 0.00              | -0.65                 | 0.00                     | 0.45                  | 24                      | 31.65                 | 119                     | 93                        | 40              | 0              | 0            | 0                | 0                |
| IN EVANSVILLE       | 83              | 60              | 86           | 57          | 71      | 1                     | 0.01              | -0.70                 | 0.01                     | 3.29                  | 170                     | 35.78                 | 109                     | 83                        | 52              | 0              | 0            | 1                | 0                |
| FORT WAYNE          | 77              | 50              | 83           | 44          | 64      | -1                    | 0.00              | -0.65                 | 0.00                     | 0.66                  | 35                      | 31.30                 | 115                     | 94                        | 46              | 0              | 0            | 0                | 0                |
| INDIANAPOLIS        | 81              | 57              | 85           | 52          | 69      | 2                     | 0.00              | -0.67                 | 0.00                     | 0.17                  | 9                       | 36.91                 | 121                     | 80                        | 33              | 0              | 0            | 0                | 0                |
| SOUTH BEND          | 77              | 50              | 82           | 42          | 63      | -1                    | 0.00              | -0.89                 | 0.00                     | 0.08                  | 3                       | 33.18                 | 116                     | 91                        | 55              | 0              | 0            | 0                | 0                |
| IA BURLINGTON       | 80              | 57              | 84           | 48          | 69      | 2                     | 0.01              | -0.84                 | 0.01                     | 0.04                  | 2                       | 40.98                 | 142                     | 89                        | 42              | 0              | 0            | 1                | 0                |
| CEDAR RAPIDS        | 79              | 52              | 82           | 46          | 65      | 1                     | 0.02              | -0.76                 | 0.01                     | 0.06                  | 3                       | 37.93                 | 143                     | 95                        | 40              | 0              | 0            | 2                | 0                |
| DES MOINES          | 81              | 58              | 83           | 54          | 69      | 3                     | 0.00              | -0.72                 | 0.00                     | 0.00                  | 0                       | 26.68                 | 96                      | 81                        | 46              | 0              |              |                  |                  |

Weather Data for the Week Ending September 19, 2009

| 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          | 79              | 63              | 81           | 58          | 71      | 0                     | 0.00              | -0.69                 | 0.00                     | 4.59                   | 245                     | 32.22                  | 136                     | 84                        | 57              | 0              | 0            | 0                | 0                |
| JACKSON             | 78              | 61              | 80           | 57          | 70      | 2                     | 0.07              | -0.82                 | 0.07                     | 1.44                   | 59                      | 42.34                  | 116                     | 92                        | 57              | 0              | 0            | 1                | 0                |
| LEXINGTON           | 80              | 59              | 82           | 56          | 69      | 0                     | 0.06              | -0.66                 | 0.06                     | 0.83                   | 42                      | 38.19                  | 110                     | 84                        | 54              | 0              | 0            | 1                | 0                |
| LOUISVILLE          | 83              | 61              | 86           | 57          | 72      | 1                     | 0.01              | -0.71                 | 0.01                     | 0.29                   | 15                      | 37.62                  | 114                     | 83                        | 44              | 0              | 0            | 1                | 0                |
| PADUCAH             | 81              | 64              | 83           | 57          | 73      | 3                     | 0.53              | -0.31                 | 0.36                     | 3.05                   | 142                     | 38.41                  | 108                     | 92                        | 62              | 0              | 0            | 2                | 0                |
| LA BATON ROUGE      | 86              | 73              | 90           | 71          | 80      | 2                     | 2.39              | 1.24                  | 1.74                     | 4.02                   | 121                     | 33.60                  | 70                      | 95                        | 63              | 2              | 0            | 2                | 2                |
| LAKE CHARLES        | 86              | 72              | 88           | 70          | 79      | 0                     | 1.43              | -0.02                 | 1.33                     | 3.01                   | 78                      | 44.75                  | 107                     | 93                        | 64              | 0              | 0            | 3                | 1                |
| NEW ORLEANS         | 89              | 75              | 90           | 74          | 82      | 2                     | 1.03              | -0.35                 | 0.78                     | 7.36                   | 184                     | 44.54                  | 90                      | 89                        | 67              | 1              | 0            | 3                | 1                |
| SHREVEPORT          | 84              | 72              | 88           | 70          | 78      | 0                     | 1.12              | 0.40                  | 0.40                     | 2.36                   | 131                     | 33.42                  | 92                      | 96                        | 75              | 0              | 0            | 6                | 0                |
| ME CARIBOU          | 60              | 39              | 64           | 29          | 49      | -5                    | 0.30              | -0.46                 | 0.26                     | 0.30                   | 14                      | 24.99                  | 92                      | 96                        | 52              | 0              | 1            | 2                | 0                |
| PORTLAND            | 69              | 48              | 79           | 40          | 59      | 0                     | 0.03              | -0.73                 | 0.03                     | 0.13                   | 7                       | 39.39                  | 127                     | 92                        | 48              | 0              | 0            | 1                | 0                |
| MD BALTIMORE        | 76              | 60              | 84           | 50          | 68      | 0                     | 0.07              | -0.87                 | 0.04                     | 2.05                   | 82                      | 34.90                  | 113                     | 90                        | 62              | 0              | 0            | 2                | 0                |
| MA BOSTON           | 71              | 56              | 80           | 50          | 64      | -1                    | 0.00              | -0.80                 | 0.00                     | 2.31                   | 106                     | 30.29                  | 102                     | 80                        | 47              | 0              | 0            | 0                | 0                |
| WORCESTER           | 67              | 51              | 76           | 44          | 59      | -2                    | 0.02              | -0.97                 | 0.01                     | 0.85                   | 32                      | 36.03                  | 104                     | 91                        | 50              | 0              | 0            | 2                | 0                |
| MI ALPENA           | 70              | 45              | 80           | 34          | 58      | 1                     | 0.00              | -0.65                 | 0.00                     | 0.00                   | 0                       | 24.87                  | 117                     | 97                        | 55              | 0              | 0            | 0                | 0                |
| GRAND RAPIDS        | 77              | 51              | 84           | 46          | 64      | 2                     | 0.00              | -1.04                 | 0.00                     | 0.09                   | 3                       | 29.30                  | 109                     | 87                        | 45              | 0              | 0            | 0                | 0                |
| HOUGHTON LAKE       | 74              | 42              | 82           | 32          | 58      | 1                     | 0.00              | -0.74                 | 0.00                     | 0.00                   | 0                       | 21.19                  | 99                      | 99                        | 52              | 0              | 2            | 0                | 0                |
| LANSING             | 75              | 49              | 83           | 42          | 62      | 1                     | 0.00              | -0.83                 | 0.00                     | 0.00                   | 0                       | 30.83                  | 132                     | 92                        | 57              | 0              | 0            | 0                | 0                |
| MUSKEGON            | 76              | 51              | 83           | 44          | 64      | 3                     | 0.00              | -0.83                 | 0.00                     | 0.00                   | 0                       | 24.67                  | 107                     | 90                        | 55              | 0              | 0            | 0                | 0                |
| TRAVERSE CITY       | 74              | 49              | 82           | 41          | 62      | 2                     | 0.00              | -0.84                 | 0.00                     | 0.02                   | 1                       | 20.09                  | 84                      | 95                        | 48              | 0              | 0            | 0                | 0                |
| MN DULUTH           | 75              | 54              | 80           | 51          | 64      | 9                     | 0.00              | -1.00                 | 0.00                     | 1.08                   | 38                      | 20.11                  | 83                      | 91                        | 63              | 0              | 0            | 0                | 0                |
| INT'L FALLS         | 78              | 48              | 83           | 42          | 63      | 9                     | 0.00              | -0.72                 | 0.00                     | 0.83                   | 41                      | 18.58                  | 98                      | 95                        | 52              | 0              | 0            | 0                | 0                |
| MINNEAPOLIS         | 82              | 61              | 84           | 58          | 71      | 9                     | 0.00              | -0.63                 | 0.00                     | 0.01                   | 1                       | 16.58                  | 70                      | 82                        | 50              | 0              | 0            | 0                | 0                |
| ROCHESTER           | 80              | 54              | 82           | 50          | 67      | 8                     | 0.00              | -0.74                 | 0.00                     | 0.00                   | 0                       | 19.33                  | 77                      | 90                        | 55              | 0              | 0            | 0                | 0                |
| ST. CLOUD           | 82              | 53              | 84           | 48          | 68      | 10                    | 0.00              | -0.68                 | 0.00                     | 0.01                   | 0                       | 20.31                  | 93                      | 93                        | 42              | 0              | 0            | 0                | 0                |
| MS JACKSON          | 86              | 72              | 90           | 71          | 79      | 3                     | 2.59              | 1.84                  | 1.08                     | 2.89                   | 140                     | 38.11                  | 93                      | 96                        | 70              | 1              | 0            | 7                | 2                |
| MERIDIAN            | 86              | 71              | 88           | 70          | 79      | 2                     | 4.82              | 3.95                  | 1.63                     | 6.47                   | 293                     | 39.74                  | 91                      | 97                        | 72              | 0              | 0            | 7                | 4                |
| TUPELO              | 82              | 71              | 84           | 70          | 77      | 3                     | 5.70              | 4.91                  | 1.37                     | 6.88                   | 341                     | 42.93                  | 107                     | 95                        | 78              | 0              | 0            | 7                | 6                |
| MO COLUMBIA         | 78              | 58              | 81           | 52          | 68      | 0                     | 0.01              | -0.79                 | 0.01                     | 0.07                   | 3                       | 31.39                  | 105                     | 85                        | 48              | 0              | 0            | 1                | 0                |
| KANSAS CITY         | 79              | 59              | 82           | 51          | 69      | 0                     | 0.00              | -1.11                 | 0.00                     | 0.92                   | 33                      | 36.35                  | 126                     | 90                        | 47              | 0              | 0            | 0                | 0                |
| SAINT LOUIS         | 81              | 61              | 84           | 53          | 71      | 0                     | 0.00              | -0.69                 | 0.00                     | 1.49                   | 81                      | 29.51                  | 104                     | 78                        | 48              | 0              | 0            | 0                | 0                |
| SPRINGFIELD         | 75              | 62              | 80           | 56          | 69      | -1                    | 0.65              | -0.53                 | 0.63                     | 3.13                   | 100                     | 36.60                  | 114                     | 87                        | 62              | 0              | 0            | 3                | 1                |
| MT BILLINGS         | 87              | 57              | 93           | 47          | 72      | 12                    | 0.01              | -0.29                 | 0.01                     | 0.11                   | 15                      | 8.09                   | 71                      | 58                        | 23              | 3              | 0            | 1                | 0                |
| BUTTE               | 80              | 43              | 86           | 35          | 62      | 10                    | 0.00              | -0.25                 | 0.00                     | 0.00                   | 0                       | 10.37                  | 99                      | 78                        | 20              | 0              | 0            | 0                | 0                |
| CUT BANK            | 84              | 44              | 90           | 37          | 64      | 11                    | 0.00              | -0.28                 | 0.00                     | 0.09                   | 10                      | 4.49                   | 41                      | 74                        | 20              | 2              | 0            | 0                | 0                |
| GLASGOW             | 89              | 54              | 96           | 50          | 71      | 13                    | 0.00              | -0.22                 | 0.00                     | 0.10                   | 16                      | 8.45                   | 90                      | 79                        | 36              | 3              | 0            | 0                | 0                |
| GREAT FALLS         | 87              | 52              | 92           | 41          | 69      | 13                    | 0.00              | -0.28                 | 0.00                     | 0.05                   | 6                       | 11.55                  | 94                      | 64                        | 20              | 3              | 0            | 0                | 0                |
| HAVRE               | 89              | 47              | 99           | 42          | 68      | 11                    | 0.08              | -0.16                 | 0.07                     | 0.24                   | 36                      | 6.80                   | 71                      | 78                        | 39              | 3              | 0            | 2                | 0                |
| MISSOULA            | 86              | 48              | 91           | 41          | 67      | 10                    | 0.01              | -0.24                 | 0.01                     | 0.14                   | 20                      | 9.70                   | 92                      | 74                        | 43              | 1              | 0            | 1                | 0                |
| NE GRAND ISLAND     | 78              | 53              | 81           | 47          | 65      | 0                     | 0.00              | -0.58                 | 0.00                     | 0.56                   | 33                      | 19.87                  | 92                      | 93                        | 56              | 0              | 0            | 0                | 0                |
| LINCOLN             | 80              | 54              | 83           | 45          | 67      | 0                     | 0.00              | -0.70                 | 0.00                     | 0.68                   | 35                      | 15.79                  | 69                      | 91                        | 53              | 0              | 0            | 0                | 0                |
| NORFOLK             | 79              | 52              | 82           | 48          | 66      | 2                     | 0.04              | -0.49                 | 0.02                     | 2.00                   | 134                     | 18.53                  | 84                      | 98                        | 59              | 0              | 0            | 3                | 0                |
| NORTH PLATTE        | 77              | 46              | 79           | 41          | 62      | -1                    | 0.00              | -0.29                 | 0.00                     | 0.45                   | 54                      | 18.11                  | 108                     | 95                        | 41              | 0              | 0            | 0                | 0                |
| OMAHA               | 80              | 55              | 83           | 50          | 68      | 2                     | 0.00              | -0.76                 | 0.00                     | 1.29                   | 63                      | 21.43                  | 89                      | 96                        | 52              | 0              | 0            | 0                | 0                |
| SCOTTSBLUFF         | 83              | 51              | 88           | 46          | 67      | 6                     | 0.00              | -0.28                 | 0.00                     | 0.25                   | 35                      | 15.50                  | 115                     | 87                        | 53              | 0              | 0            | 0                | 0                |
| VALENTINE           | 81              | 49              | 83           | 43          | 65      | 3                     | 0.01              | -0.35                 | 0.01                     | 0.02                   | 2                       | 19.22                  | 116                     | 91                        | 43              | 0              | 0            | 1                | 0                |
| NV ELY              | 76              | 42              | 82           | 35          | 59      | 2                     | 0.27              | 0.08                  | 0.25                     | 0.30                   | 58                      | 7.58                   | 102                     | 74                        | 46              | 0              | 0            | 2                | 0                |
| LAS VEGAS           | 95              | 75              | 101          | 70          | 85      | 3                     | 0.00              | -0.06                 | 0.00                     | 0.00                   | 0                       | 1.28                   | 38                      | 28                        | 17              | 6              | 0            | 0                | 0                |
| RENO                | 86              | 55              | 93           | 50          | 70      | 7                     | 0.00              | -0.11                 | 0.00                     | 0.00                   | 0                       | 4.74                   | 91                      | 52                        | 26              | 2              | 0            | 0                | 0                |
| WINNEMUCCA          | 86              | 49              | 91           | 41          | 68      | 7                     | 0.03              | -0.08                 | 0.02                     | 0.07                   | 24                      | 5.63                   | 97                      | 58                        | 31              | 2              | 0            | 2                | 0                |
| NH CONCORD          | 70              | 43              | 79           | 36          | 57      | -3                    | 0.06              | -0.66                 | 0.03                     | 0.42                   | 22                      | 34.23                  | 130                     | 97                        | 47              | 0              | 0            | 2                | 0                |
| NJ NEWARK           | 75              | 59              | 82           | 53          | 67      | -2                    | 0.03              | -0.93                 | 0.03                     | 0.64                   | 25                      | 33.08                  | 97                      | 74                        | 48              | 0              | 0            | 1                | 0                |
| NM ALBUQUERQUE      | 76              | 57              | 84           | 53          | 66      | -4                    | 1.25              | 1.02                  | 0.68                     | 1.41                   | 199                     | 4.97                   | 71                      | 81                        | 40              | 0              | 0            | 2                | 2                |
| NY ALBANY           | 70              | 50              | 76           | 42          | 60      | -1                    | 0.00              | -0.76                 | 0.00                     | 0.34                   | 16                      | 30.12                  | 109                     | 94                        | 53              | 0              | 0            | 0                | 0                |
| BINGHAMTON          | 67              | 49              | 72           | 40          | 58      | -1                    | 0.48              | -0.37                 | 0.31                     | 0.78                   | 34                      | 26.88                  | 96                      | 95                        | 64              | 0              | 0            | 2                | 0                |
| BUFFALO             | 70              | 48              | 75           | 40          | 59      | -3                    | 0.00              | -0.91                 | 0.00                     | 0.00                   | 0                       | 25.89                  | 91                      | 90                        | 54              | 0              | 0            | 0                | 0                |
| ROCHESTER           | 69              | 49              | 74           | 40          | 59      | -3                    | 0.00              | -0.82                 | 0.00                     | 0.01                   | 0                       | 24.50                  | 99                      | 98                        | 67              | 0              | 0            | 0                | 0                |
| SYRACUSE            | 71              | 49              | 74           | 41          | 60      | -2                    | 0.04              | -0.95                 | 0.04                     | 0.05                   | 2                       | 24.75                  | 87                      | 90                        | 52              | 0              | 0            | 1                | 0                |
| NC ASHEVILLE        | 75              | 62              | 80           | 55          | 68      | 2                     | 1.14              | 0.26                  | 0.46                     | 2.04                   | 80                      | 36.08                  | 102                     | 97                        | 73              | 0              | 0            | 5                | 0                |
| CHARLOTTE           | 82              | 65              | 86           | 58          | 73      | 0                     | 0.74              | -0.15                 | 0.65                     | 0.92                   | 39                      | 31.73                  | 100                     | 88                        | 57              | 0              | 0            | 3                | 1                |
| GREENSBORO          | 78              | 64              | 86           | 60          | 71      | 0                     | 1.12              | 0.10                  | 0.75                     | 1.12                   | 42                      | 26.38                  | 82                      | 88                        | 66              | 0              | 0            | 4                | 1                |
| HATTERAS            | 81              | 68              | 84           | 64          | 75      | 0                     | 0.00              | -1.33                 | 0.00                     | 8.97                   | 237                     | 35.24                  | 86                      | 88                        | 59              | 0              | 0            | 0                | 0                |
| RALEIGH             | 81              | 62              | 91           | 57          | 72      | 0                     | 0.44              | -0.58                 | 0.28                     | 1.01                   | 38                      | 23.99                  | 74                      | 92                        | 57              | 1              | 0            | 2                | 0                |
| WILMINGTON          | 84              | 65              | 88           | 63          | 75      | -1                    | 0.34              | -1.33                 | 0.06                     | 1.76                   | 38                      | 37.12                  | 83                      | 94                        | 53              | 0              | 0            | 7                | 0                |
| ND BISMARCK         | 86              | 55              | 89           | 51          | 71      | 13                    | 0.00              | -0.36                 | 0.00                     | 1.19                   | 114                     | 19.93                  | 144                     | 89                        | 50              | 0              | 0            | 0                | 0                |
| DICKINSON           | 86              | 52              | 89           | 46          | 69      | 11                    | 0.01              | -0.35                 | 0.01                     | 1.42                   | 145                     | 13.59                  | 101                     | 90                        | 32              | 0              | 0            | 1                | 0                |
| FARGO               | 83              | 58              | 86           | 52          | 71      | 13                    | 0.00              | -0.50                 | 0.00                     | 1.32                   | 95                      | 16.45                  | 98                      | 86                        | 42              | 0              | 0            | 0                | 0                |
| GRAND FORKS         | 83              | 56              | 86           | 52          | 69      | 12                    | 0.00              | -0.44                 | 0.00                     | 0.76                   | 58                      | 14.31                  | 91                      | 94                        | 41              | 0              | 0            | 0                | 0                |
| JAMESTOWN           | 82              | 54              | 85           | 49          | 68      | 10                    | 0.02              | -0.37                 | 0.02                     | 1.80                   | 162                     | 11.52                  | 75                      | 98                        | 43              | 0              | 0            | 1                | 0                |
| WILLISTON           | 88              | 53              | 93           | 48          | 71      | 15                    | 0.03              | -0.27                 | 0.03                     | 0.28                   | 34                      | 12.05                  | 104                     | 90                        | 43              | 3              | 0            | 1                | 0                |
| OH AKRON-CANTON     | 75              | 52              | 80           | 48          | 63      | -1                    | 0.00              | -0.82                 | 0.00                     | 0.10                   | 4                       | 26.00                  | 90                      | 92                        | 56              | 0              | 0            | 0                | 0                |
| CINCINNATI          | 81              | 57              | 85           | 53          | 69      | 1                     | 0.00              | -0.64                 | 0.00                     | 1.05                   | 55                      | 30.06                  | 94                      | 81                        | 43              | 0              | 0            | 0                | 0                |
| CLEVELAND           | 74              | 55              | 81           | 48          | 65      | 1                     | 0.00              | -0.91                 | 0.00                     | 0.96                   | 38                      | 25.06                  | 89                      | 88                        | 51              | 0              | 0            | 0                | 0                |
| COLUMBUS            | 79              | 55              | 83           | 50          | 67      | 0                     | 0.08              | -0.61                 | 0.08                     | 0.47                   | 24                      | 24.54                  | 84                      | 89                        | 43              | 0              | 0            | 1                | 0                |
| DAYTON              | 80              | 51              | 85           | 47          | 66      | 0                     | 0.10              | -0.51                 | 0.10                     | 0.94                   | 53                      | 25.16                  | 85                      | 87                        | 40              | 0              | 0            | 1                | 0                |
| MANSFIELD           | 75              | 50              | 80           | 45          | 63      | 0                     | 0.00              | -0.81                 | 0.00                     | 1.05                   | 43                      | 26.68                  | 82                      | 94                        | 43              | 0              | 0            | 0                | 0                |

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending September 19, 2009

| 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 |
| OK TOLEDO           | 77              | 53              | 83           | 47          | 65      | 1                     | 0.00              | -0.67                 | 0.00                     | 1.89                  | 97                      | 29.31                 | 119                     | 89                        | 54              | 0              | 0            | 0                | 0                |
| OK YOUNGSTOWN       | 76              | 51              | 80           | 43          | 63      | 1                     | 0.00              | -0.95                 | 0.00                     | 0.05                  | 2                       | 25.08                 | 89                      | 89                        | 51              | 0              | 0            | 0                | 0                |
| OK OKLAHOMA CITY    | 75              | 64              | 78           | 61          | 69      | -5                    | 3.71              | 2.78                  | 1.46                     | 4.39                  | 193                     | 28.08                 | 106                     | 88                        | 67              | 0              | 0            | 5                | 3                |
| OR TULSA            | 78              | 64              | 82           | 59          | 71      | -3                    | 1.33              | 0.19                  | 0.94                     | 3.99                  | 141                     | 33.22                 | 109                     | 87                        | 65              | 0              | 0            | 6                | 1                |
| OR ASTORIA          | 70              | 55              | 77           | 51          | 63      | 4                     | 0.60              | 0.01                  | 0.35                     | 2.10                  | 145                     | 36.10                 | 91                      | 91                        | 79              | 0              | 0            | 4                | 0                |
| OR BURNS            | 82              | 43              | 87           | 34          | 63      | 7                     | 0.08              | -0.03                 | 0.07                     | 0.08                  | 30                      | 8.03                  | 111                     | 65                        | 36              | 0              | 0            | 2                | 0                |
| OR EUGENE           | 76              | 51              | 84           | 41          | 64      | 2                     | 0.13              | -0.22                 | 0.12                     | 1.01                  | 103                     | 18.12                 | 60                      | 90                        | 66              | 0              | 0            | 2                | 0                |
| OR MEDFORD          | 85              | 56              | 95           | 51          | 71      | 5                     | 0.00              | -0.17                 | 0.00                     | 0.00                  | 0                       | 8.06                  | 74                      | 70                        | 29              | 1              | 0            | 0                | 0                |
| OR PENDLETON        | 83              | 53              | 91           | 46          | 68      | 4                     | 0.00              | -0.14                 | 0.00                     | 0.02                  | 5                       | 9.24                  | 110                     | 62                        | 38              | 1              | 0            | 0                | 0                |
| OR PORTLAND         | 77              | 59              | 86           | 52          | 68      | 4                     | 0.28              | -0.10                 | 0.20                     | 1.36                  | 142                     | 18.84                 | 85                      | 88                        | 62              | 0              | 0            | 3                | 0                |
| OR SALEM            | 77              | 53              | 83           | 45          | 65      | 2                     | 0.19              | -0.13                 | 0.13                     | 1.03                  | 127                     | 17.16                 | 73                      | 88                        | 65              | 0              | 0            | 2                | 0                |
| PA ALLENTOWN        | 73              | 53              | 78           | 46          | 63      | -1                    | 0.29              | -0.76                 | 0.17                     | 2.06                  | 72                      | 31.40                 | 94                      | 94                        | 58              | 0              | 0            | 2                | 0                |
| PA ERIE             | 70              | 53              | 74           | 47          | 62      | -3                    | 0.01              | -1.11                 | 0.01                     | 0.06                  | 2                       | 28.72                 | 97                      | 90                        | 61              | 0              | 0            | 1                | 0                |
| PA MIDDLETOWN       | 74              | 58              | 80           | 51          | 66      | -1                    | 0.22              | -0.61                 | 0.11                     | 2.72                  | 122                     | 31.46                 | 107                     | 91                        | 52              | 0              | 0            | 2                | 0                |
| PA PHILADELPHIA     | 75              | 61              | 81           | 55          | 68      | -1                    | 0.01              | -0.93                 | 0.01                     | 2.19                  | 88                      | 34.64                 | 110                     | 81                        | 54              | 0              | 0            | 1                | 0                |
| PA PITTSBURGH       | 77              | 55              | 81           | 52          | 66      | 1                     | 0.00              | -0.78                 | 0.00                     | 0.27                  | 13                      | 24.78                 | 86                      | 86                        | 43              | 0              | 0            | 0                | 0                |
| PA WILKES-BARRE     | 70              | 52              | 76           | 43          | 61      | -2                    | 0.24              | -0.69                 | 0.20                     | 1.52                  | 63                      | 26.69                 | 97                      | 92                        | 55              | 0              | 0            | 3                | 0                |
| PA WILLIAMSPORT     | 75              | 55              | 81           | 46          | 65      | 1                     | 0.06              | -0.90                 | 0.06                     | 1.12                  | 44                      | 26.74                 | 88                      | 89                        | 58              | 0              | 0            | 1                | 0                |
| RI PROVIDENCE       | 73              | 53              | 80           | 45          | 63      | -2                    | 0.11              | -0.76                 | 0.11                     | 1.26                  | 52                      | 36.16                 | 110                     | 86                        | 54              | 0              | 0            | 1                | 0                |
| SC BEAUFORT         | ***             | ***             | ***          | ***         | ***     | ***                   | 0.01              | -1.25                 | 0.01                     | ***                   | ***                     | 33.54                 | 85                      | 83                        | 52              | ***            | ***          | 1                | 0                |
| SC CHARLESTON       | 87              | 69              | 88           | 66          | 78      | 1                     | 0.00              | -1.46                 | 0.00                     | 0.00                  | 0                       | 40.49                 | 99                      | 94                        | 56              | 0              | 0            | 0                | 0                |
| SC COLUMBIA         | 86              | 69              | 90           | 65          | 78      | 3                     | 2.69              | 1.76                  | 2.56                     | 4.08                  | 147                     | 33.07                 | 87                      | 90                        | 55              | 1              | 0            | 2                | 1                |
| SC GREENVILLE       | 80              | 67              | 85           | 65          | 73      | 1                     | 0.52              | -0.40                 | 0.38                     | 1.47                  | 60                      | 29.17                 | 78                      | 93                        | 67              | 0              | 0            | 3                | 0                |
| SD ABERDEEN         | 80              | 52              | 83           | 47          | 66      | 6                     | 0.00              | -0.41                 | 0.00                     | 3.42                  | 292                     | 18.07                 | 107                     | 94                        | 61              | 0              | 0            | 0                | 0                |
| SD HURON            | 81              | 53              | 83           | 47          | 67      | 5                     | 0.00              | -0.41                 | 0.00                     | 1.71                  | 153                     | 16.57                 | 96                      | 92                        | 44              | 0              | 0            | 0                | 0                |
| SD RAPID CITY       | 84              | 52              | 90           | 48          | 68      | 7                     | 0.07              | -0.15                 | 0.07                     | 1.57                  | 242                     | 15.56                 | 113                     | 82                        | 30              | 1              | 0            | 1                | 0                |
| SD SIOUX FALLS      | 81              | 52              | 84           | 47          | 67      | 5                     | 0.00              | -0.60                 | 0.00                     | 0.40                  | 23                      | 14.61                 | 73                      | 94                        | 58              | 0              | 0            | 0                | 0                |
| TN BRISTOL          | 81              | 60              | 84           | 53          | 70      | 3                     | 0.22              | -0.52                 | 0.10                     | 1.60                  | 82                      | 32.62                 | 104                     | 97                        | 57              | 0              | 0            | 3                | 0                |
| TN CHATTANOOGA      | 80              | 69              | 84           | 67          | 75      | 2                     | 2.73              | 1.68                  | 1.07                     | 3.80                  | 139                     | 35.80                 | 90                      | 93                        | 80              | 0              | 0            | 4                | 3                |
| TN KNOXVILLE        | 79              | 66              | 85           | 61          | 73      | 1                     | 0.47              | -0.26                 | 0.16                     | 0.52                  | 28                      | 42.39                 | 118                     | 95                        | 67              | 0              | 0            | 5                | 0                |
| TN MEMPHIS          | 81              | 71              | 84           | 69          | 76      | 1                     | 4.94              | 4.14                  | 2.14                     | 5.54                  | 266                     | 41.15                 | 106                     | 91                        | 73              | 0              | 0            | 6                | 3                |
| TN NASHVILLE        | 79              | 67              | 84           | 61          | 73      | 1                     | 4.94              | 4.07                  | 2.69                     | 7.36                  | 319                     | 43.01                 | 123                     | 93                        | 71              | 0              | 0            | 5                | 3                |
| TX ABILENE          | 76              | 61              | 82           | 58          | 69      | -7                    | 1.30              | 0.64                  | 1.28                     | 3.48                  | 193                     | 16.24                 | 94                      | 95                        | 81              | 0              | 0            | 3                | 1                |
| TX AMARILLO         | 75              | 55              | 79           | 51          | 65      | -5                    | 0.16              | -0.26                 | 0.16                     | 0.27                  | 20                      | 19.70                 | 120                     | 96                        | 51              | 0              | 0            | 1                | 0                |
| TX AUSTIN           | 85              | 70              | 88           | 67          | 77      | -3                    | 0.03              | -0.60                 | 0.03                     | 4.32                  | 270                     | 19.23                 | 83                      | 87                        | 64              | 0              | 0            | 1                | 0                |
| TX BEAUMONT         | 87              | 70              | 89           | 68          | 78      | -1                    | 0.90              | -0.57                 | 0.89                     | 2.94                  | 76                      | 35.14                 | 82                      | 99                        | 59              | 0              | 0            | 2                | 1                |
| TX BROWNSVILLE      | 94              | 75              | 97           | 73          | 85      | 4                     | 0.30              | -0.98                 | 0.30                     | 6.47                  | 199                     | 13.01                 | 69                      | 89                        | 52              | 7              | 0            | 1                | 0                |
| TX CORPUS CHRISTI   | 92              | 73              | 95           | 71          | 83      | 2                     | 0.00              | -1.19                 | 0.00                     | 4.95                  | 160                     | 9.05                  | 40                      | 89                        | 64              | 6              | 0            | 0                | 0                |
| TX DEL RIO          | 91              | 70              | 95           | 68          | 80      | -1                    | 0.00              | -0.46                 | 0.00                     | 1.38                  | 119                     | 10.78                 | 79                      | 78                        | 46              | 5              | 0            | 0                | 0                |
| TX EL PASO          | 85              | 64              | 93           | 61          | 74      | -2                    | 1.91              | 1.53                  | 0.80                     | 2.50                  | 240                     | 6.69                  | 98                      | 73                        | 38              | 2              | 0            | 4                | 1                |
| TX FORT WORTH       | 79              | 69              | 86           | 67          | 74      | -4                    | 2.07              | 1.57                  | 1.36                     | 5.79                  | 491                     | 28.51                 | 118                     | 90                        | 71              | 0              | 0            | 4                | 1                |
| TX GALVESTON        | 86              | 74              | 88           | 72          | 80      | -2                    | 0.13              | -1.29                 | 0.13                     | 3.57                  | 95                      | 18.24                 | 58                      | 91                        | 61              | 0              | 0            | 1                | 0                |
| TX HOUSTON          | 86              | 73              | 89           | 72          | 79      | 0                     | 0.82              | -0.18                 | 0.82                     | 2.10                  | 77                      | 24.18                 | 71                      | 92                        | 71              | 0              | 0            | 1                | 1                |
| TX LUBBOCK          | 79              | 57              | 82           | 53          | 68      | -3                    | 0.18              | -0.43                 | 0.18                     | 2.29                  | 139                     | 10.31                 | 70                      | 92                        | 57              | 0              | 0            | 1                | 0                |
| TX MIDLAND          | 82              | 60              | 87           | 55          | 71      | -3                    | 0.04              | -0.50                 | 0.04                     | 0.75                  | 56                      | 11.22                 | 104                     | 90                        | 61              | 0              | 0            | 1                | 0                |
| TX SAN ANGELO       | 83              | 63              | 86           | 61          | 73      | -2                    | 0.14              | -0.54                 | 0.14                     | 5.69                  | 321                     | 20.97                 | 139                     | 89                        | 63              | 0              | 0            | 1                | 0                |
| TX SAN ANTONIO      | 89              | 70              | 93           | 67          | 79      | -1                    | 0.00              | -0.67                 | 0.00                     | 4.91                  | 281                     | 13.34                 | 57                      | 84                        | 43              | 2              | 0            | 0                | 0                |
| TX VICTORIA         | 89              | 69              | 92           | 68          | 80      | 0                     | 0.50              | -0.69                 | 0.50                     | 4.61                  | 155                     | 13.07                 | 46                      | 94                        | 59              | 4              | 0            | 1                | 1                |
| TX WACO             | 82              | 70              | 87           | 68          | 76      | -3                    | 1.71              | 1.07                  | 1.00                     | 5.76                  | 387                     | 22.11                 | 97                      | 88                        | 72              | 0              | 0            | 3                | 2                |
| TX WICHITA FALLS    | 77              | 66              | 83           | 65          | 72      | -4                    | 1.17              | 0.44                  | 0.82                     | 3.79                  | 198                     | 22.34                 | 106                     | 90                        | 76              | 0              | 0            | 4                | 1                |
| UT SALT LAKE CITY   | 83              | 60              | 89           | 57          | 71      | 5                     | 0.35              | 0.05                  | 0.30                     | 0.35                  | 50                      | 12.28                 | 105                     | 69                        | 30              | 0              | 0            | 3                | 0                |
| VT BURLINGTON       | 67              | 47              | 74           | 39          | 57      | -3                    | 0.55              | -0.36                 | 0.39                     | 1.40                  | 56                      | 26.19                 | 99                      | 95                        | 51              | 0              | 0            | 3                | 0                |
| VA LYNCHBURG        | 79              | 58              | 85           | 51          | 68      | 0                     | 0.09              | -0.83                 | 0.07                     | 0.10                  | 4                       | 26.69                 | 83                      | 92                        | 58              | 0              | 0            | 2                | 0                |
| VA NORFOLK          | 78              | 65              | 84           | 62          | 71      | -2                    | 0.00              | -0.95                 | 0.00                     | 6.29                  | 240                     | 43.20                 | 124                     | 92                        | 65              | 0              | 0            | 0                | 0                |
| VA RICHMOND         | 80              | 61              | 86           | 57          | 71      | 0                     | 0.00              | -0.93                 | 0.00                     | 0.83                  | 34                      | 25.33                 | 78                      | 87                        | 59              | 0              | 0            | 0                | 0                |
| VA ROANOKE          | 81              | 61              | 86           | 56          | 71      | 3                     | 0.01              | -0.90                 | 0.01                     | 0.53                  | 22                      | 32.83                 | 103                     | 83                        | 53              | 0              | 0            | 1                | 0                |
| WA WASH/DULLES      | 79              | 59              | 87           | 51          | 69      | 1                     | 0.18              | -0.72                 | 0.16                     | 0.56                  | 23                      | 31.99                 | 104                     | 86                        | 54              | 0              | 0            | 2                | 0                |
| WA OLYMPIA          | 75              | 52              | 82           | 44          | 63      | 4                     | 0.36              | -0.10                 | 0.31                     | 2.37                  | 199                     | 27.73                 | 93                      | 96                        | 71              | 0              | 0            | 3                | 0                |
| WA QUILLAYUTE       | 67              | 55              | 74           | 51          | 61      | 4                     | 1.67              | 0.79                  | 0.86                     | 5.04                  | 236                     | 41.68                 | 69                      | 95                        | 72              | 0              | 0            | 5                | 2                |
| WA SEATTLE-TACOMA   | 73              | 57              | 80           | 54          | 65      | 3                     | 0.30              | -0.06                 | 0.29                     | 1.68                  | 177                     | 21.12                 | 97                      | 85                        | 61              | 0              | 0            | 2                | 0                |
| WA SPOKANE          | 80              | 55              | 91           | 48          | 68      | 8                     | 0.40              | 0.23                  | 0.39                     | 0.51                  | 113                     | 9.97                  | 92                      | 71                        | 34              | 1              | 0            | 2                | 0                |
| WA YAKIMA           | 84              | 49              | 93           | 41          | 66      | 5                     | 0.01              | -0.07                 | 0.01                     | 0.45                  | 205                     | 4.58                  | 89                      | 75                        | 39              | 1              | 0            | 1                | 0                |
| WV BECKLEY          | 74              | 55              | 77           | 47          | 65      | 1                     | 0.00              | -0.76                 | 0.00                     | 0.84                  | 42                      | 31.82                 | 100                     | 93                        | 63              | 0              | 0            | 0                | 0                |
| WV CHARLESTON       | 81              | 58              | 82           | 56          | 70      | 3                     | 0.00              | -0.82                 | 0.00                     | 1.42                  | 62                      | 34.76                 | 105                     | 99                        | 53              | 0              | 0            | 0                | 0                |
| WV ELKINS           | 78              | 50              | 80           | 47          | 64      | 1                     | 0.00              | -0.91                 | 0.00                     | 0.37                  | 15                      | 39.76                 | 113                     | 100                       | 47              | 0              | 0            | 0                | 0                |
| WV HUNTINGTON       | 81              | 57              | 84           | 53          | 69      | 1                     | 0.01              | -0.63                 | 0.01                     | 0.32                  | 17                      | 36.75                 | 115                     | 96                        | 52              | 0              | 0            | 1                | 0                |
| WI EAU CLAIRE       | 81              | 53              | 85           | 48          | 67      | 7                     | 0.02              | -0.88                 | 0.01                     | 0.10                  | 4                       | 17.12                 | 66                      | 98                        | 44              | 0              | 0            | 2                | 0                |
| WI GREEN BAY        | 77              | 49              | 85           | 42          | 63      | 4                     | 0.00              | -0.74                 | 0.00                     | 0.00                  | 0                       | 17.63                 | 79                      | 96                        | 44              | 0              | 0            | 0                | 0                |
| WI LA CROSSE        | 80              | 56              | 85           | 51          | 68      | 5                     | 0.00              | -0.81                 | 0.00                     | 0.00                  | 0                       | 19.76                 | 76                      | 99                        | 43              | 0              | 0            | 0                | 0                |
| WI MADISON          | 79              | 49              | 84           | 43          | 64      | 3                     | 0.00              | -0.72                 | 0.00                     | 0.00                  | 0                       | 25.35                 | 98                      | 95                        | 57              | 0              | 0            | 0                | 0                |
| WI MILWAUKEE        | 75              | 59              | 85           | 55          | 67      | 3                     | 0.00              | -0.78                 | 0.00                     | 0.00                  | 0                       | 24.26                 | 92                      | 77                        | 59              | 0              | 0            | 0                | 0                |
| WY CASPER           | 83              | 42              | 87           | 30          | 62      | 4                     | 0.08              | -0.13                 | 0.08                     | 0.11                  | 23                      | 11.96                 | 120                     | 75                        | 33              | 0              | 2            | 1                | 0                |
| WY CHEYENNE         | 75              | 46              | 80           | 40          | 60      | 3                     | 0.13              | -0.20                 | 0.07                     | 0.96                  | 101                     | 14.86                 | 113                     | 82                        | 42              | 0              | 0            | 3                | 0                |
| WY LANDER           | 81              | 51              | 86           | 39          | 66      | 7                     | 0.12              | -0.13                 | 0.12                     | 0.12                  | 21                      | 12.41                 | 126                     | 64                        | 21              | 0              | 0            | 1                | 0                |
| WY SHERIDAN         | 87              | 49              | 92           | 45          | 68      | 11                    | 0.13              | -0.18                 | 0.08                     | 0.13                  | 17                      | 10.11                 | 90                      | 75                        | 38              | 1              | 0            | 2                | 0                |

Based on 1971-2000 normals

\*\*\* Not Available

## Crop Progress and Condition

### Week Ending September 20, 2009

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

| Corn Percent Dough                                       |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| CO   | 94     | 85   | 100  | 98   |
| IL   | 97     | 91   | 99   | 100  |
| IN   | 96     | 94   | 99   | 100  |
| IA   | 98     | 95   | 96   | 99   |
| KS   | 100    | 100  | 100  | 100  |
| KY   | 100    | 97   | 100  | 100  |
| MI   | 89     | 81   | 96   | 97   |
| MN   | 98     | 93   | 100  | 99   |
| MO   | 99     | 96   | 98   | 100  |
| NE   | 100    | 100  | 100  | 100  |
| NC   | 100    | 100  | 100  | 100  |
| ND   | 85     | 70   | 97   | 95   |
| OH   | 98     | 90   | 100  | 100  |
| PA   | 90     | 86   | 95   | 98   |
| SD   | 98     | 93   | 100  | 99   |
| TN   | 100    | 100  | 100  | 100  |
| TX   | 100    | 100  | 100  | 100  |
| WI   | 94     | 80   | 92   | 94   |
| 18 Sts   | 97     | 93   | 98   | 99   |
| These 18 States planted 92% of last year's corn acreage. |        |      |      |      |

| Corn Percent Mature                                      |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| CO   | 31     | 17   | 49   | 39   |
| IL   | 13     | 6    | 29   | 69   |
| IN   | 14     | 7    | 37   | 57   |
| IA   | 22     | 8    | 21   | 55   |
| KS   | 53     | 31   | 57   | 78   |
| KY   | 61     | 44   | 83   | 88   |
| MI   | 10     | 2    | 31   | 43   |
| MN   | 4      | 1    | 16   | 40   |
| MO   | 53     | 34   | 42   | 80   |
| NE   | 15     | 9    | 19   | 44   |
| NC   | 96     | 94   | 98   | 98   |
| ND   | 0      | 0    | 13   | 36   |
| OH   | 14     | 11   | 44   | 39   |
| PA   | 18     | 11   | 33   | 52   |
| SD   | 11     | 5    | 22   | 39   |
| TN   | 69     | 51   | 86   | 95   |
| TX   | 73     | 72   | 74   | 85   |
| WI   | 10     | 1    | 13   | 29   |
| 18 Sts   | 21     | 12   | 30   | 55   |
| These 18 States planted 92% of last year's corn acreage. |        |      |      |      |

| Winter Wheat Percent Planted                                     |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| AR   | 4      | 3    | 1    | 1    |
| CA   | 3      | 1    | 6    | 4    |
| CO   | 50     | 26   | 55   | 52   |
| ID   | 31     | 19   | 29   | 26   |
| IL   | 1      | 0    | 2    | 2    |
| IN   | 1      | 0    | 1    | 2    |
| KS   | 9      | 4    | 11   | 17   |
| MI   | 8      | 3    | 3    | 10   |
| MO   | 2      | 1    | 1    | 4    |
| MT   | 47     | 25   | 29   | 41   |
| NE   | 56     | 30   | 40   | 48   |
| NC   | 0      | 0    | 1    | 2    |
| OH   | 0      | 0    | 0    | 1    |
| OK   | 17     | 9    | 19   | 25   |
| OR   | 27     | 24   | 17   | 15   |
| SD   | 50     | 22   | 37   | 45   |
| TX   | 32     | 16   | 20   | 27   |
| WA   | 60     | 39   | 43   | 49   |
| 18 Sts   | 24     | 13   | 20   | 25   |
| These 18 States planted 87% of last year's winter wheat acreage. |        |      |      |      |

| Corn Percent Dented                                      |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| CO   | 77     | 58   | 92   | 84   |
| IL   | 73     | 56   | 88   | 96   |
| IN   | 72     | 60   | 87   | 94   |
| IA   | 89     | 76   | 83   | 94   |
| KS   | 96     | 86   | 99   | 99   |
| KY   | 97     | 92   | 98   | 99   |
| MI   | 64     | 41   | 87   | 85   |
| MN   | 76     | 56   | 93   | 91   |
| MO   | 89     | 85   | 89   | 97   |
| NE   | 91     | 85   | 94   | 96   |
| NC   | 100    | 100  | 100  | 100  |
| ND   | 49     | 23   | 80   | 85   |
| OH   | 80     | 66   | 98   | 95   |
| PA   | 70     | 56   | 77   | 87   |
| SD   | 73     | 57   | 93   | 93   |
| TN   | 99     | 97   | 100  | 100  |
| TX   | 96     | 95   | 98   | 99   |
| WI   | 66     | 40   | 63   | 76   |
| 18 Sts   | 80     | 66   | 89   | 93   |
| These 18 States planted 92% of last year's corn acreage. |        |      |      |      |

| Soybeans Percent Dropping Leaves                            |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| AR  | 27     | 20   | 22   | 46   |
| IL  | 20     | 3    | 22   | 56   |
| IN  | 40     | 15   | 56   | 66   |
| IA  | 50     | 18   | 39   | 64   |
| KS  | 41     | 22   | 38   | 51   |
| KY  | 41     | 18   | 39   | 44   |
| LA  | 73     | 61   | 70   | 77   |
| MI  | 23     | 4    | 54   | 48   |
| MN  | 49     | 16   | 48   | 63   |
| MS  | 56     | 50   | 60   | 85   |
| MO  | 26     | 8    | 12   | 36   |
| NE  | 40     | 14   | 34   | 52   |
| NC  | 19     | 8    | 15   | 21   |
| ND  | 27     | 6    | 60   | 66   |
| OH  | 52     | 24   | 58   | 64   |
| SD  | 71     | 45   | 69   | 74   |
| TN  | 41     | 25   | 50   | 59   |
| WI  | 24     | 6    | 44   | 52   |
| 18 Sts  | 40     | 17   | 41   | 58   |
| These 18 States planted 95% of last year's soybean acreage. |        |      |      |      |

| Spring Wheat Percent Harvested                                    |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| ID  | 95     | 90   | 95   | 98   |
| MN  | 86     | 68   | 99   | 94   |
| MT  | 89     | 73   | 91   | 95   |
| ND  | 77     | 56   | 96   | 95   |
| SD  | 100    | 99   | 100  | 100  |
| WA  | 100    | 99   | 99   | 100  |
| 6 Sts   | 85     | 69   | 96   | 96   |
| These 6 States harvested 98% of last year's spring wheat acreage. |        |      |      |      |

| Rice Percent Harvested                                     |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| AR   | 23     | 20   | 28   | 48   |
| CA   | 22     | 7    | 16   | 20   |
| LA   | 87     | 86   | 80   | 91   |
| MS   | 28     | 26   | 37   | 60   |
| MO   | 18     | 15   | 13   | 32   |
| TX   | 91     | 90   | 92   | 96   |
| 6 Sts  | 37     | 32   | 37   | 52   |
| These 6 States harvested 100% of last year's rice acreage. |        |      |      |      |

**Crop Progress and Condition**

**Week Ending September 20, 2009**

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

| <b>Cotton Percent Bolls Opening</b>                       |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| AL  | 34     | 24   | 70   | 74   |
| AZ  | 82     | 75   | 89   | 85   |
| AR  | 42     | 35   | 72   | 83   |
| CA  | 39     | 34   | 51   | 58   |
| GA  | 44     | 32   | 66   | 67   |
| KS  | 15     | 13   | 24   | 24   |
| LA  | 86     | 81   | 91   | 91   |
| MS  | 70     | 64   | 76   | 88   |
| MO  | 34     | 18   | 66   | 74   |
| NC  | 66     | 48   | 67   | 78   |
| OK  | 42     | 35   | 53   | 53   |
| SC  | 74     | 60   | 54   | 61   |
| TN  | 40     | 31   | 72   | 77   |
| TX  | 41     | 30   | 29   | 41   |
| VA  | 47     | 40   | 74   | 83   |
| 15 Sts  | 46     | 35   | 48   | 57   |
| These 15 States planted 99% of las year's cotton acreage. |        |      |      |      |

| <b>Cotton Percent Harvested</b>                           |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| AL  | 0      | NA   | 2    | 6    |
| AZ  | 17     | NA   | 17   | 10   |
| AR  | 0      | NA   | 1    | 8    |
| CA  | 1      | NA   | 0    | 0    |
| GA  | 0      | NA   | 2    | 3    |
| KS  | 0      | NA   | 0    | 0    |
| LA  | 5      | NA   | 9    | 17   |
| MS  | 0      | NA   | 2    | 16   |
| MO  | 0      | NA   | 2    | 8    |
| NC  | 0      | NA   | 0    | 1    |
| OK  | 0      | NA   | 0    | 0    |
| SC  | 1      | NA   | 0    | 1    |
| TN  | 0      | NA   | 1    | 5    |
| TX  | 14     | NA   | 17   | 17   |
| VA  | 0      | NA   | 0    | 1    |
| 15 Sts  | 7      | NA   | 9    | 11   |
| These 15 States harvested 99% of l year's cotton acreage. |        |      |      |      |

| <b>Peanuts Percent Harvested</b>                          |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| AL  | 0      | 0    | 9    | 7    |
| FL  | 21     | 20   | 13   | 15   |
| GA  | 1      | 1    | 5    | 5    |
| NC  | 0      | 0    | 3    | 3    |
| OK  | 0      | 0    | 0    | 1    |
| SC  | 13     | 6    | 10   | 10   |
| TX  | 3      | 0    | 3    | 3    |
| VA  | 0      | 0    | 0    | 1    |
| 8 Sts   | 4      | 3    | 6    | 6    |
| These 8 States harvested 98% of la year's peanut acreage. |        |      |      |      |

| <b>Sorghum Percent Coloring</b>                            |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| AR   | 100    | 100  | 100  | 100  |
| CO   | 90     | 68   | 99   | 74   |
| IL   | 75     | 67   | 71   | 92   |
| KS   | 79     | 66   | 75   | 83   |
| LA   | 100    | 100  | 100  | 100  |
| MO   | 77     | 63   | 71   | 88   |
| NE   | 74     | 53   | 83   | 91   |
| NM   | 57     | 24   | 66   | 58   |
| OK   | 82     | 62   | 63   | 72   |
| SD   | 84     | 83   | 89   | 92   |
| TX   | 82     | 75   | 78   | 83   |
| 11 Sts   | 81     | 70   | 78   | 83   |
| These 11 States planted 96% of las year's sorghum acreage. |        |      |      |      |

| <b>Sorghum Percent Mature</b>                              |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| AR   | 96     | 94   | 95   | 97   |
| CO   | 42     | 32   | 53   | 36   |
| IL   | 21     | 7    | 10   | 65   |
| KS   | 12     | 4    | 17   | 28   |
| LA   | 100    | 100  | 100  | 100  |
| MO   | 25     | 21   | 31   | 56   |
| NE   | 5      | 0    | 5    | 26   |
| NM   | 12     | 0    | 5    | 7    |
| OK   | 23     | 16   | 29   | 33   |
| SD   | 22     | 10   | 9    | 36   |
| TX   | 67     | 66   | 68   | 70   |
| 11 Sts   | 40     | 35   | 42   | 49   |
| These 11 States planted 96% of las year's sorghum acreage. |        |      |      |      |

| <b>Sorghum Percent Harvested</b>                           |        |      |      |      |
|--|--------|------|------|------|
|  | Sep 20 | Prev | Prev | 5-Yr |
|  | 2009   | Week | Year | Avg  |
| AR   | 35     | 34   | 47   | 77   |
| CO   | 6      | 5    | 6    | 3    |
| IL   | 0      | 0    | 0    | 12   |
| KS   | 1      | 0    | 3    | 7    |
| LA   | 96     | 94   | 89   | 96   |
| MO   | 4      | 1    | 7    | 21   |
| NE   | 0      | 0    | 0    | 1    |
| NM   | 0      | 0    | 0    | 0    |
| OK   | 3      | 2    | 14   | 16   |
| SD   | 1      | 1    | 0    | 3    |
| TX   | 65     | 64   | 67   | 66   |
| 11 Sts   | 31     | 30   | 33   | 35   |
| These 11 States harvested 97% of l year's sorghum acreage. |        |      |      |      |

| <b>Barley Percent Harvested</b>                           |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| ID  | 92     | 83   | 91   | 96   |
| MN  | 90     | 78   | 100  | 98   |
| MT  | 81     | 80   | 83   | 94   |
| ND  | 94     | 83   | 100  | 98   |
| WA  | 100    | 99   | 98   | 100  |
| 5 Sts   | 91     | 83   | 94   | 97   |
| These 5 States harvested 84% of la year's barley acreage. |        |      |      |      |

| <b>Sugarbeets Percent Harvested</b>                           |        |      |      |      |
|---|--------|------|------|------|
|   | Sep 20 | Prev | Prev | 5-Yr |
|   | 2009   | Week | Year | Avg  |
| ID  | 4      | NA   | 0    | 3    |
| MI  | 3      | NA   | 3    | 2    |
| MN  | 8      | NA   | 6    | 7    |
| ND  | 7      | NA   | 6    | 7    |
| 4 Sts   | 6      | NA   | 5    | 6    |
| These 4 States harvested 84% of la year's sugarbeets acreage. |        |      |      |      |

**Crop Progress and Condition****Week Ending September 20, 2009**

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

| Corn Crop Condition by Percent |    |    |    |    |    |
|--------------------------------|----|----|----|----|----|
|                                | VP | P  | F  | G  | EX |
| CO                             | 3  | 14 | 32 | 40 | 11 |
| IL                             | 2  | 7  | 29 | 49 | 13 |
| IN                             | 3  | 8  | 27 | 50 | 12 |
| IA                             | 2  | 6  | 17 | 49 | 26 |
| KS                             | 3  | 7  | 20 | 50 | 20 |
| KY                             | 0  | 1  | 10 | 44 | 45 |
| MI                             | 4  | 12 | 31 | 41 | 12 |
| MN                             | 2  | 5  | 23 | 54 | 16 |
| MO                             | 2  | 6  | 25 | 47 | 20 |
| NE                             | 2  | 5  | 14 | 52 | 27 |
| NC                             | 5  | 15 | 24 | 43 | 13 |
| ND                             | 1  | 5  | 28 | 53 | 13 |
| OH                             | 2  | 5  | 19 | 50 | 24 |
| PA                             | 1  | 3  | 15 | 53 | 28 |
| SD                             | 1  | 3  | 15 | 52 | 29 |
| TN                             | 3  | 5  | 14 | 52 | 26 |
| TX                             | 25 | 14 | 24 | 31 | 6  |
| WI                             | 3  | 9  | 27 | 43 | 18 |
| 18 Sts                         | 3  | 7  | 22 | 48 | 20 |
| Prev Wk                        | 3  | 6  | 22 | 49 | 20 |
| Prev Yr                        | 4  | 10 | 27 | 46 | 13 |

| Cotton Crop Condition by Percent |    |    |    |    |    |
|----------------------------------|----|----|----|----|----|
|                                  | VP | P  | F  | G  | EX |
| AL                               | 0  | 1  | 22 | 67 | 10 |
| AZ                               | 0  | 1  | 18 | 52 | 29 |
| AR                               | 6  | 5  | 31 | 44 | 14 |
| CA                               | 0  | 0  | 40 | 50 | 10 |
| GA                               | 3  | 8  | 37 | 41 | 11 |
| KS                               | 3  | 5  | 29 | 55 | 8  |
| LA                               | 1  | 11 | 36 | 48 | 4  |
| MS                               | 1  | 9  | 29 | 54 | 7  |
| MO                               | 1  | 11 | 29 | 52 | 7  |
| NC                               | 1  | 8  | 26 | 57 | 8  |
| OK                               | 0  | 8  | 29 | 59 | 4  |
| SC                               | 0  | 2  | 48 | 49 | 1  |
| TN                               | 0  | 1  | 22 | 54 | 23 |
| TX                               | 14 | 16 | 31 | 29 | 10 |
| VA                               | 0  | 3  | 23 | 63 | 11 |
| 15 Sts                           | 8  | 11 | 31 | 40 | 10 |
| Prev Wk                          | 9  | 10 | 30 | 40 | 11 |
| Prev Yr                          | 6  | 13 | 33 | 37 | 11 |

| Peanuts Crop Condition by Percent |    |   |    |    |    |
|-----------------------------------|----|---|----|----|----|
|                                   | VP | P | F  | G  | EX |
| AL                                | 0  | 0 | 24 | 71 | 5  |
| FL                                | 0  | 1 | 37 | 41 | 21 |
| GA                                | 0  | 4 | 31 | 51 | 14 |
| NC                                | 1  | 1 | 35 | 60 | 3  |
| OK                                | 0  | 0 | 21 | 71 | 8  |
| SC                                | 0  | 4 | 39 | 52 | 5  |
| TX                                | 0  | 0 | 19 | 64 | 17 |
| VA                                | 0  | 0 | 12 | 76 | 12 |
| 8 Sts                             | 0  | 2 | 29 | 56 | 13 |
| Prev Wk                           | 0  | 2 | 28 | 57 | 13 |
| Prev Yr                           | 1  | 3 | 30 | 54 | 12 |

| Rice Crop Condition by Percent |    |    |    |    |    |
|--------------------------------|----|----|----|----|----|
|                                | VP | P  | F  | G  | EX |
| AR                             | 3  | 8  | 34 | 39 | 16 |
| CA                             | 0  | 5  | 25 | 45 | 25 |
| LA                             | 4  | 6  | 21 | 45 | 24 |
| MS                             | 0  | 4  | 29 | 55 | 12 |
| MO                             | 0  | 3  | 16 | 53 | 28 |
| TX                             | 12 | 9  | 39 | 30 | 10 |
| 6 Sts                          | 3  | 7  | 29 | 42 | 19 |
| Prev Wk                        | 2  | 6  | 29 | 43 | 20 |
| Prev Yr                        | 2  | 10 | 26 | 45 | 17 |

| Soybeans Crop Condition by Percent |    |    |    |    |    |
|------------------------------------|----|----|----|----|----|
|                                    | VP | P  | F  | G  | EX |
| AR                                 | 7  | 15 | 24 | 38 | 16 |
| IL                                 | 3  | 7  | 30 | 49 | 11 |
| IN                                 | 3  | 10 | 28 | 48 | 11 |
| IA                                 | 2  | 6  | 19 | 52 | 21 |
| KS                                 | 2  | 3  | 16 | 53 | 26 |
| KY                                 | 0  | 1  | 16 | 48 | 35 |
| LA                                 | 2  | 21 | 40 | 33 | 4  |
| MI                                 | 3  | 13 | 31 | 41 | 12 |
| MN                                 | 2  | 6  | 26 | 53 | 13 |
| MS                                 | 3  | 11 | 25 | 48 | 13 |
| MO                                 | 3  | 7  | 26 | 49 | 15 |
| NE                                 | 1  | 4  | 15 | 59 | 21 |
| NC                                 | 1  | 8  | 33 | 46 | 12 |
| ND                                 | 2  | 5  | 21 | 60 | 12 |
| OH                                 | 1  | 5  | 24 | 54 | 16 |
| SD                                 | 1  | 3  | 20 | 59 | 17 |
| TN                                 | 1  | 3  | 15 | 54 | 27 |
| WI                                 | 3  | 7  | 26 | 49 | 15 |
| 18 Sts                             | 2  | 7  | 24 | 51 | 16 |
| Prev Wk                            | 2  | 6  | 24 | 51 | 17 |
| Prev Yr                            | 4  | 10 | 29 | 46 | 11 |

| Sorghum Crop Condition by Percent |    |    |    |    |    |
|-----------------------------------|----|----|----|----|----|
|                                   | VP | P  | F  | G  | EX |
| AR                                | 5  | 11 | 34 | 39 | 11 |
| CO                                | 1  | 5  | 34 | 55 | 5  |
| IL                                | 0  | 5  | 19 | 66 | 10 |
| KS                                | 1  | 5  | 19 | 57 | 18 |
| LA                                | 3  | 19 | 47 | 28 | 3  |
| MO                                | 1  | 4  | 33 | 56 | 6  |
| NE                                | 1  | 3  | 22 | 56 | 18 |
| NM                                | 3  | 24 | 36 | 36 | 1  |
| OK                                | 2  | 5  | 34 | 52 | 7  |
| SD                                | 0  | 2  | 17 | 62 | 19 |
| TX                                | 23 | 16 | 38 | 20 | 3  |
| 11 Sts                            | 11 | 10 | 30 | 39 | 10 |
| Prev Wk                           | 11 | 10 | 29 | 40 | 10 |
| Prev Yr                           | 3  | 11 | 33 | 45 | 8  |

## Crop Progress and Condition

### Week Ending September 20, 2009

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

| Pasture and Range Crop Condition by Percent<br>Week Ending Sep 20, 2009 |    |    |    |     |    |  |         |    |    |    |     |    |
|---|----|----|----|-----|----|--|---------|----|----|----|-----|----|
|   | VP | P  | F  | G   | EX |  | VP      | P  | F  | G  | EX  |    |
| AL  | 0  | 0  | 17 | 71  | 12 |  | NH      | 1  | 5  | 28 | 51  | 15 |
| AZ  | 46 | 21 | 22 | 9   | 2  |  | NJ      | 0  | 0  | 5  | 75  | 20 |
| AR  | 1  | 4  | 24 | 60  | 11 |  | NM      | 13 | 32 | 41 | 14  | 0  |
| CA  | 64 | 26 | 10 | 0   | 0  |  | NY      | 1  | 6  | 29 | 51  | 13 |
| CO  | 5  | 15 | 28 | 42  | 10 |  | NC      | 0  | 7  | 34 | 55  | 4  |
| CT  | 0  | 0  | 31 | 57  | 12 |  | ND      | 1  | 8  | 32 | 50  | 9  |
| DE  | 0  | 3  | 25 | 54  | 18 |  | OH      | 3  | 12 | 32 | 45  | 8  |
| FL  | 0  | 5  | 20 | 60  | 15 |  | OK      | 2  | 10 | 35 | 47  | 6  |
| GA  | 1  | 8  | 34 | 50  | 7  |  | OR      | 17 | 25 | 40 | 18  | 0  |
| ID  | 3  | 14 | 27 | 50  | 6  |  | PA      | 2  | 5  | 23 | 53  | 17 |
| IL  | 2  | 6  | 23 | 55  | 14 |  | RI      | 0  | 0  | 0  | 100 | 0  |
| IN  | 4  | 11 | 31 | 43  | 11 |  | SC      | 1  | 15 | 49 | 34  | 1  |
| IA  | 3  | 11 | 30 | 44  | 12 |  | SD      | 2  | 8  | 23 | 55  | 12 |
| KS  | 2  | 6  | 29 | 55  | 8  |  | TN      | 0  | 3  | 23 | 62  | 12 |
| KY  | 2  | 7  | 26 | 47  | 18 |  | TX      | 18 | 20 | 34 | 23  | 5  |
| LA  | 2  | 9  | 46 | 37  | 6  |  | UT      | 2  | 12 | 31 | 47  | 8  |
| ME  | 0  | 13 | 36 | 51  | 0  |  | VT      | 0  | 33 | 45 | 16  | 6  |
| MD  | 2  | 8  | 26 | 49  | 15 |  | VA      | 3  | 14 | 36 | 38  | 9  |
| MA  | 0  | 0  | 0  | 100 | 0  |  | WA      | 9  | 35 | 36 | 17  | 3  |
| MI  | 5  | 18 | 40 | 34  | 3  |  | WV      | 0  | 10 | 40 | 46  | 4  |
| MN  | 10 | 20 | 35 | 34  | 1  |  | WI      | 8  | 28 | 36 | 25  | 3  |
| MS  | 1  | 8  | 28 | 53  | 10 |  | WY      | 1  | 11 | 38 | 47  | 3  |
| MO  | 0  | 2  | 28 | 62  | 8  |  | 48 Sts  | 9  | 14 | 30 | 40  | 7  |
| MT  | 15 | 29 | 37 | 17  | 2  |  |         |    |    |    |     |    |
| NE  | 1  | 5  | 21 | 62  | 11 |  | Prev Wk | 10 | 13 | 29 | 40  | 8  |
| NV  | 4  | 22 | 50 | 22  | 2  |  | Prev Yr | 11 | 16 | 32 | 35  | 6  |

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 2008 planted acres.

# National Agricultural Summary

September 14 – 20, 2009

Weekly National Agricultural Summary provided by USDA/NASS

## HIGHLIGHTS

**While mostly dry conditions prevailed across much of the country, a slow-moving low-pressure system settled in over much of east Texas, the Delta, and the Southeast, dumping more than 4 inches of rainfall in numerous locations and hampering harvest and other fieldwork.**

**Temperatures were below normal across much of the Southwest, southern Great Plains, and northern Atlantic Coast. In contrast, above-average temperatures allowed for rapid crop development in the northern Great Plains and much of the Corn Belt.**

**Corn:** Nationally, 97 percent of this year's corn acreage was at or beyond the dough stage by week's end, slightly behind last year and the 5-year average. Denting advanced to 80 percent complete, 9 points behind last year and 13 points behind the average. Denting was most active in North Dakota and the Great Lakes States, where drier, unseasonably warm weather promoted maturation of late-developing crops. Nine percent of the corn crop matured during the week, leaving progress—at 21 percent—9 points behind last year and 34 points, or over 2 weeks, behind normal. Crop maturity was behind in all estimating states; however, the most significant delays were evident in Illinois and Indiana, the second- and fifth-largest corn-producing states. Overall, 68 percent of the corn crop was rated in good to excellent condition, down slightly from last week but 9 points better than last year.

**Soybeans:** Leaf drop progressed at a rapid pace during the week, as ideal growing conditions prevailed throughout most of the major soybean-producing states. By September 20, leaves had dropped in 40 percent of the soybean fields, 1 point behind last year and 18 points behind the 5-year average. Overall, 67 percent of the soybean crop was rated in good to excellent condition, down 1 point from last week but 10 points better than last year.

**Winter Wheat:** Seeding of the 2010 winter wheat crop advanced 11 points to 24 percent complete by week's end, 4 points ahead of last year but 1 point behind the 5-year average. Mostly dry weather across much of the country west of the Great Plains continued to promote fieldwork, allowing over 20 percent of the winter wheat fields in Colorado, Montana, Nebraska, South Dakota, and Washington to be seeded during the week.

**Cotton:** Bolls opened in 11 percent of the cotton fields during the week, leaving progress, at 46 percent, 2 points behind last year and 11 points behind the 5-year average. Delays of 40 points or more were evident in Alabama, Arkansas, and Missouri. By week's end, producers had harvested 7 percent of the nation's crop, 2 points behind last year and 4 points behind the average. Harvest was underway in several states, but was most advanced in Arizona. In Texas, the largest cotton-producing state, harvest in the Blacklands and East Texas was delayed due to excessive rainfall. Overall, 50 percent of the cotton crop was rated in good to excellent condition, down slightly from last week but 2 points better than last year.

**Sorghum:** Acreage at or beyond the coloring stage advanced to 81 percent complete by September 20, three points ahead of

last year but 2 points behind the 5-year average. Forty percent of the crop was mature, 2 points behind last year and 9 points, or slightly more than 1 week, behind the average. Despite significant advancement during the week, double-digit delays in maturation persisted in Illinois, Kansas, Missouri, Nebraska, Oklahoma, and South Dakota. The harvest pace remained steady but slow in all estimating states except Illinois, Nebraska, and New Mexico, where harvest had yet to begin. By week's end, 31 percent of the crop was harvested, 2 points behind last year and 4 points behind normal. Overall, 49 percent of the sorghum crop was rated in good to excellent condition, down 1 point from last week and 4 points below last year.

**Rice:** Producers harvested 5 percent of the nation's crop during the week, leaving the overall pace on par with last year but 15 points behind normal. The greatest amount of harvest activity occurred in California, where producers cut mature fields while actively draining late-planted fields in preparation for harvest. Overall, 61 percent of the rice crop was rated in good to excellent condition, down 2 points from last week and 1 point from last year.

**Small Grains:** Spring wheat producers had harvested 85 percent of their crop, 11 points behind last year and the 5-year average. Harvest in South Dakota and Washington was completed during the week. In Minnesota, Montana, and North Dakota, producers utilized over 6 days suitable for fieldwork to harvest 18, 16, and 21 percent of their acreage during the week, respectively.

Barley producers harvested 8 percent of their acreage during the week, leaving progress, at 91 percent, 3 points behind last year and 6 points behind the 5-year average. Harvest was complete in Washington ahead of last year and on par with the average.

**Other Crops:** Peanut producers had harvested 4 percent of the nation's crop by week's end, 2 points behind last year and the 5-year average. In Georgia, the largest peanut-producing state, the harvest pace stalled as wet weather set in toward the end of the week. Overall, 69 percent of the peanut crop was rated in good to excellent condition, down 1 point from last week but 3 points better than last year.

Producers had harvested 6 percent of their sugarbeet crop by September 20, one point ahead of last year but on par with the 5-year average. Harvest was equal to or ahead of the normal in all estimating states.

## 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 1.8. Topsoil moisture 0% very short, 7% short, 63% adequate, and 30% surplus. Corn 99% Dent, 100% 2008, 100% avg.; 78% Mature, 100% 2008, 99% avg.; 34% Harvested, 65% 2008, 71% avg.; Conditions 1% very poor, 7% poor, 26% fair, 58% good, and 8% excellent. Cotton Bolls Opening 34%, 70% 2008, 74% avg.; 0% Harvested, 2% 2008, 6% avg.; Conditions 0% very poor, 1% poor, 22% fair, 67% good, 10% excellent. Peanuts Dug 1%, 16% 2008, 13% avg.; Conditions 0% very poor, 0% poor, 24% fair, 71% good, 5% excellent. Soybeans Setting Pods 95%, 98% 2008, 99% avg.; Dropping Leaves 35%, 52% 2008, 62% avg.; 1% Harvested, 6% 2008, 14% avg.; Conditions 0% very poor, 2% poor, 20% fair, 62% good, 16% excellent. Livestock condition 0% very poor, 1% poor, 16% fair, 66% good, and 17% excellent. Pasture and range condition 0% very poor, 0% poor, 17% fair, 71% good and 12% excellent. Heavy amounts of rain fell throughout the entire state last week, causing some producers to worry that the excessive amounts of precipitation will have a costly affect on harvesting. The US Drought Monitor from September 15, 2009 indicated the state to have 0 percent drought, compared 70.0 percent at the start of the calendar year, and 41.5 percent a year ago. Daytime highs for the week ranged from 82 degrees in Bridgeport, to 94 degrees in Bay Minette. Overnight lows ranged from 63 degrees in Belle Mina, to 73 degrees in Bay Minette. Precipitation totals for the week ranged from 1.18 inches in Dothan, to 5.78 inches of rain in Cullman, over a period of 7 days. Year-to-date precipitation totals ranged from -7.06 inches below normal in Alabaster to a 21.63 inch surplus in Jasper. Corn harvest was underway with some producers finishing up in the south. Some of the corn was shelling out different yields because of timing of pollination. The corn that was pollinating in June when temperatures were hot caused a lot of scattered grain ears. Most producers have sprayed preventative treatments of fungicide for rust and control on soybeans. The frequent rains through central Alabama were delaying hay harvest, fall planting, and causing flooded fields. Pasture conditions for most cattle operations were good to excellent and weaning weights have been better than average. The biggest concern has been fall armyworms in hayfields.

**ALASKA:** Days suitable for fieldwork 5.5. Topsoil moisture 5% short, 95% adequate. Subsoil moisture 25% short, 75% adequate. Barley 99% harvested. Oats 50% harvested. Potatoes 50% harvested. Second cutting of hay was 90% complete. Winter supplies of hay were listed as 30% short, 70% adequate. Range and pasture condition was reported as 15% poor, 35% fair, 45% good, 5% excellent. Wind or rain damage was 95% none, 5% light. The main farm activities for the week were harvesting hay, grains, baling straw, machinery maintenance.

**ARIZONA:** Temperatures were mostly above normal across the State for the week ending September 20, ranging from 3 degrees below normal at Roll to 6 degrees above normal at Grand Canyon. The highest temperature of the week was 106 degrees at Roll and the lowest reading of 32 degrees occurred at Grand Canyon. Precipitation was reported at 10 of the 22 stations. Opening of bolls has occurred on 82 percent of the cotton acreage, below last year's 89 percent, and behind the five-year average of 85 percent. Harvesting is underway at 17 percent complete, same as last year at 17 percent, but ahead of the five-year average of 10 percent. Cotton conditions are mostly good to excellent, depending on location.

**ARKANSAS:** Days suitable for fieldwork 1.2. Topsoil moisture 34% adequate, 66% surplus. Subsoil moisture 1% short, 50% adequate, 49% surplus. Corn 98% mature, 99% 2008, 100% avg.; 56% harvested, 53% 2008, 83% avg. Rice 99% headed, 100% 2008, 100% avg. Soybeans 51% yellowing, 44% 2008, 63% avg.; 17% mature, 14% 2008, 34% avg.; 7% harvested, 6% 2008, 23% avg. The cooler temperatures slowed crop progress last week, and row crop harvest came to a standstill as field activities were non-existent due to the rain showers that occurred nearly every day. Only 2% of the corn crop was left to mature. Corn producers were able to harvest another 5% of their crop by week's end, 3% ahead of 2008 but 27% behind the five-year average. Cotton opening bolls increased 7% to end nearly 2 weeks behind last year and 3 weeks behind the five-year average. The rice crop had almost finished heading last week, and rice producers harvested an additional 3% of their crop. Sorghum mature was 1% ahead of last year but 1% behind the five-year average. Sorghum harvested was 12% behind 2008 and 42% behind the five-year average. Soybeans in the yellowing stage increased 11%, slightly ahead of last year but a week behind the five-year average. Soybeans shedding was 5% ahead of last year but 19% behind the five-year average. Soybeans reaching maturity increased 6% last week, and soybean farmers were only able to harvest an additional 2% of their crop. A few soybean producers were able to get into the fields during brief dry spells and spray fungicides on their crop to control Asian soybean rust. Farmers planted an additional 1% of the winter wheat crop by week's end, 3% ahead of both last year and the five-year average. Livestock were in fair to good condition. Pasture and range and hay crops were in fair to good condition last week, and hay harvest was delayed to the wet weather.

**CALIFORNIA:** Rice harvest continued to proceed with higher yields than last year being reported. Late planted rice fields were still being drained in preparation for harvest. Harvest continued for a number of other crops including sunflower, bean, and safflower. Cotton fields received their last watering in preparation for defoliation, and continued to be monitored for aphids, mites, and lygus. Corn continued to be cut for silage and harvested for grain. Alfalfa continued to be cut and baled. Sugar beet planting progressed in Imperial County. Sudan hay and small grain harvest continued. Fig, raisin grape, table grape, wine grape, juicing grape, Gala apple, and Granny Smith apple harvests continued primarily in the San Joaquin Valley. Pinot noir and Chardonnay wine grape varieties were also being harvested along the Central and North Coasts. Light rain has not appeared to damage any grape crops. The peach, plum, and nectarine harvests were nearing completion. Pomegranates continued to develop in size and color, as light harvesting of Foothill and Early Wonderful varieties continued in the San Joaquin Valley. The Valencia orange harvest continued to wind down in the San Joaquin Valley. Navel oranges for the upcoming season continued to develop in size. Strawberry fields were plowed and prepared for fall season berries. The lemon harvest continued along the Central and Southern coasts. Normal spraying and maintenance continued in orchards and vineyards. The almond harvest continued at a slower pace in the Central Valley. Hulling and stockpile fumigations continued for the almond crop as the late-variety harvest winded down. The walnut and pistachio harvests began in parts of the Central Valley, while the rest of the area continued ground preparations for the upcoming harvests. The honeydew melon harvest was still underway in Tulare County and vegetables such as sweet corn, eggplant,

squash, peppers, cucumbers and tomatoes continued to be harvested. In Merced County, radicchio planting progressed, harvesting continued for basil, fresh market and processing tomatoes, bell peppers, fresh market red and white onions, honeydew, cantaloupe and watermelon. Worm sprays were also applied to tomato fields. Fresno County growers were still removing drip tapes from the tomato fields after the harvest was completed. Carrots were irrigated, cultivated, and treated with herbicide and fungicide. The processing tomato harvest was still in full production in Colusa County, with great yields reported. The harvest of sweet corn, tomatoes, watermelon, cantaloupe and other melon varieties for farmers' markets was winding down in Sutter County. Treatments for weeds and worms in processing tomatoes and melons continued. In San Joaquin County, the harvest continued for tomatoes. Pumpkins and watermelon were being picked, packed and shipped. Fire danger in many areas was high to extreme, as rangeland and dry-land pasture forage conditions continued to deteriorate. Supplemental feeding of cattle on dry pasture continued to be a necessity. Cattle were gathered from upper elevations for transport to winter pastures. Irrigated pasture remained in mostly good condition. Fall beef cow calving was underway. Dairy herd reduction, in response to unfavorable milk market conditions, continued at a somewhat decreased pace. Some sheep and goats were grazing on dry-land grain fields and retired farmland, with some sheering-off of harvested tomato fields in Merced. Honeybees were in melon and squash fields in central parts of the State, and were moved to off-season locations in other areas.

**COLORADO:** Days suitable for field work 5.7. Topsoil moisture 4% very short, 42% short, 50% adequate 4% surplus. Subsoil moisture 4% very short, 36% short, 54% adequate 6% surplus. Alfalfa 52% 3rd cutting, 77% 2008, 76% avg.; 5% 4th cutting, 9% 2008, 14% avg.; condition 3% poor 14% fair, 50% good, 33% excellent. Dry Beans 56% cut, 46% 2008, 61% avg.; 33% harvested, 21% 2008, 32% avg.; condition 9% poor, 30% fair, 56% good, 5% excellent. Spring barley 97% harvested, 100% 2008, 99% avg. Dry onions 42% harvested, 54% 2008, 64% avg.; condition 1% very poor, 3% poor, 5% fair, 69% good, 22% excellent. Sunflowers 2% very poor, 3% poor, 35% fair, 45% good, 15% excellent. Sugarbeets 13% harvested, 4% 2008, 3% avg.; condition 2% poor, 14% fair, 58% good, 26% excellent. Summer potatoes 45% harvested, 60% 2008, 64% avg.; condition 85% good, 15% excellent. Fall potatoes 30% harvested, 33% 2008, 29% avg.; condition 20% fair, 40% good, 40% excellent; Spring wheat 60% harvested, 79% 2008, 91% avg. Corn silage 40% harvested, 53% 2008, 59% avg. Precipitation across most of Colorado was below average for this time of year, although the Southern region and the Western Slope recorded above average amounts of moisture. Temperatures were slightly above normal.

**DELAWARE:** Days suitable for fieldwork 6.0. Topsoil moisture 0% very short, 4% short, 88% adequate, 8% surplus. Subsoil moisture 0% very short, 5% short, 92% adequate, 3% surplus. Hay supplies 1% very short, 3% short, 63% adequate, 33% surplus. Other Hay third cutting 95%, 64% 2008, 85% avg.; fourth cutting 24%, 2% 2008, 12% avg. Alfalfa hay fourth cutting 66%, 51% 2008, 52% avg.; fifth cutting 0%, 0% 2008, 1% avg. Pasture condition 3% poor, 25% fair, 54% good, 18% excellent. Corn condition 4% very poor, 13% poor, 28% fair, 44% good, 11% excellent. Soybean condition 1% very poor, 5% poor, 15% fair, 62% good, 17% excellent. Apple condition 2% very poor, 6% poor, 15% fair, 73% good, 4% excellent. Corn 95% dough, 98% 2008, 99% avg.; 60% mature, 82% 2008, 88% avg.; harvested for grain 12%, 24% 2008, 33% avg.; harvested for silage 55%, 63%, 2008, 67% avg. Soybeans setting pods 96%, 96% 2008, 94% avg.; turning color 35%, 41% 2008, 51% avg.; dropping leaves 8%, 28% 2008, 31% avg.; 0% harvested, 2% 2008, 1% avg. Barley 3% planted, 3% 2008, 2% avg. Winter Wheat 0% planted, 0% 2008, 0% avg. Cantaloups 96% harvested, 98%, 2008, 93% avg. Cucumbers 97%

harvested, 93% 2008, 92% avg. Lima Beans 74% harvested, 63% 2008, 71% avg. Snap Beans 92% harvested, 92% 2008, 96% avg. Sweet Corn 93% harvested, 96% 2008, 91% avg. Tomatoes 88% harvested, 92% 2008, 92% avg. Watermelons 97% harvested, 97% 2008, 94% avg. Apples 53% harvested, 25% 2008, 40% avg. Peaches 97% harvested, 98% 2008, 95% avg. Temperatures are cooling as fall approaches, slowing growth for the crops not yet harvested. In some areas, high soil moisture is slowing field operations.

**FLORIDA:** Topsoil moisture 5% short, 70% adequate, 25% surplus. Subsoil moisture 8% short, 65% adequate, 27% surplus. Peanuts 21% harvested, 13% 2008, 15% 5-yr avg.; condition 1% poor, 37% fair, 41% good, 21% excellent. Rain delayed peanut harvest; spraying, Panhandle, Big Bend. Rainfall had adverse effects on some cotton bolls that were opening; prevented application of growth regulator. Cotton getting too big in many fields. Corn harvest continued with good yields, Columbia, Hamilton counties. Hay baling continues, armyworms causing problems in some fields. Glades, Hendry counties, applied fertilizer to sugarcane fields. Soil moisture mostly adequate to surplus throughout State. Land preparation for fall vegetables underway. Columbia County, frequent rain increased disease pressure. Putnam County, preparations for cabbage planting delayed by rain. Okra, avocados marketed. Five citrus packinghouses opened, accepting early oranges including Ambersweet, early Navel. One processing plant intends to open next week. Growers, caretakers mowed in preparation for harvest, sprayed, ran limited irrigation, provided young tree care. Continued to survey groves for greening, treated trees for citrus psyllid, removed already infected trees. Pasture Feed 5% poor, 20% fair, 60% good, 15% excellent. Cattle Condition 5% poor, 15% fair, 65% good, 15% excellent. Panhandle, north pasture poor to good condition, most good. Shorter days, cooler temperatures slowed permanent grass growth, hampered haying. Land preparation, small grains seeding for winter forage limited by rain. Santa Rosa County, pasture condition improved, too late to provide significant amounts of hay. Cattle condition mostly good. Central pasture poor to excellent, armyworms causing damage. Southwest range condition poor to excellent. Grass growth in Lee, Collier counties limited by low soil moisture. Cattle condition poor to excellent, most good. Statewide, most cattle in good condition.

**GEORGIA:** Days suitable for fieldwork 4.1. Topsoil moisture 2% very short, 13% short, 58% adequate, 27% surplus. Soybeans 1% very poor, 7% poor, 35% fair, 51% good, 6% excellent. Sorghum 1% very poor, 7% poor, 47% fair, 42% good, 3% excellent. Apples 0% very poor, 0% poor, 5% fair, 40% good, 55% excellent. Hay 1% very poor, 8% poor, 36% fair, 49% good, 6% excellent. Pecans 0% very poor, 4% poor, 43% fair, 39% good, 14% excellent. Corn harvested for grain 87%, 86% 2008, 85% avg. Soybeans dropping leaves 18%, 16% 2008, 25% avg. Sorghum harvested for grain 13%, 44% 2008, 35% avg. Apples 24% harvested, 22% 2008, 30% avg. Peanuts dug 4%, 13% 2008, 11% avg. Rye planted for all purposes 5%, 5% 2008, 6% avg. Other small grains planted 3%, 4% 2008, 3% avg. Tobacco 96% harvested, 93% 2008, 97% avg. Heavy rains brought flooding to low areas and delayed some commercial vineyard harvest. Wet conditions caused boll rot to appear in some cotton field. Cotton was dropping leaves due to potassium deficiency and leaf blight. Army worms have continued to infest pastures and hayfields.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture levels were adequate in many areas, with some areas of the State getting short. Most banana and papaya orchards were in fair to good condition. Sunny days, light rains, and high temperatures allowed for good fruit development and ripening. The head cabbage crop was in fair to good condition. Plantings and harvesting was steady. Coffee was in good condition with some growers reporting near-normal harvest levels for this time of year. Week started with light

trade wind conditions turning moderate and locally gusty as the week progressed. Showers were generally limited and focused over the windward sections of the islands. Leeward areas were generally dry. High temperatures ranged from the low-80's to 90.

**IDAHO:** Days suitable for field work 6.6. Topsoil moisture 13% very short, 37% short, 50% adequate, 0% surplus. Field corn harvested for silage 37%, 18% 2008, 42% avg. Onions 72% harvested, 56% 2008, 54% avg. Potato vines killed 86%, 75% 2008, 86% avg. Potatoes 15% harvested, 15% 2008, 16% avg. Oats harvested for grain 95%, 84% 2008, 91% avg. Dry beans 74% harvested, 58% 2008, 64% avg. Peaches 91% harvested, 84% 2008, 95% avg. Plums and prunes 84% harvested, 52% 2008, 87% avg. Alfalfa hay 3rd cutting harvested 68%, 72% 2008, 84% avg.; 4th cutting harvested 35%, 29% 2008, 50% avg. Irrigation water supply 0% very poor, 5% poor, 8% fair, 70% good, 17% excellent. Potato condition 0% very poor, 1% poor, 4% fair, 86% good, 9% excellent. Spring wheat 95% harvested, 95% 2008, 98% avg. Barley 92% harvested, 91% 2008, 96% avg. Statewide, weather conditions have been generally good for harvesting. Winter wheat planting is 31 percent complete, statewide. Statewide, barley and spring wheat harvest is 92 and 95 percent complete, respectively. Plum and prune harvest is 84 percent complete. The Nez Perce County extension educator reported only a few late maturing garbanzo beans are left to harvest. The Franklin County extension educator reports wheat and barley yields and quality are very good.

**ILLINOIS:** Days suitable for fieldwork 6.6. Topsoil moisture 4% very short, 20% short, 73% adequate, 3% surplus. Corn 73% dented, 88% 2008, 96% avg.; 13% mature, 29% 2008, 69% avg.; corn condition 2% very poor, 7% poor, 29% fair, 49% good, 13% excellent. Soybeans 54% turning yellow, 60% 2008, 82% avg.; soybean condition 3% very poor, 7% poor, 30% fair, 49% good, 11% excellent. Sorghum 75% coloring, 71% 2008, 92% avg.; sorghum condition 5% poor, 19% fair, 66% good, 10% excellent. Alfalfa 95% third crop cut, 94% 2008, 97% avg. Winter wheat 1% planted, 2% 2008, 2% avg. Another week of warmer weather has aided in the eventual maturing of corn and soybeans. The first reports of completed corn harvests have been received and many soybean fields have started to drop leaves. Producers were busy with the main farm activities including mowing weeds, cutting hay, and preparing equipment for harvesting activities. Temperatures statewide averaged 66.1 degrees, 0.5 degree above the state average. Statewide precipitation averaged 0.11 inch, 0.72 inch below average.

**INDIANA:** Days suitable for fieldwork 6.6. Topsoil moisture 9% very short, 36% short, 53% adequate, 2% surplus. Subsoil moisture 6% very short, 31% short, 62% adequate, 1% surplus. Corn 96% in dough, 99% 2008, 100% avg.; 72% dented, 87% 2008, 94% avg.; 14% mature, 37% 2008, 57% avg.; condition 3% very poor, 8% poor, 27% fair, 50% good, 12% excellent. Soybeans shedding leaves 40%, 56% 2008, 66% avg.; condition 3% very poor, 10% poor, 28% fair, 48% good, 11% excellent. Pasture condition 4% very poor, 11% poor, 31% fair, 43% good, 11% excellent. Alfalfa third cutting 95% complete, 99% 2008, 99% avg. Winter wheat 1% planted, 1% 2008, 2% avg. Tobacco 61% harvested, 55% 2008, 59% avg. Temperatures ranged from 4° below normal to 4° above normal with a low of 37° and a high of 86°. Total precipitation ranged from 0.0 inches to 1.00 inches. Lack of moisture and warm temperatures during the week forced the major field crops closer to maturity. A few of the earliest planted corn and soybean fields have been harvested with widely varying yields being reported. Many farmers were making final preparations to harvesting equipment and cleaning out grain bins. Harvest of corn silage continues especially in northern counties.

**IOWA:** Days suitable for fieldwork 6.9. Topsoil moisture 10% very short, 31% short, 57% adequate, and 2% surplus. Subsoil

moisture 5% very short, 18% short, 74% adequate, and 3% surplus. Corn at or beyond the dough stage 98%, 99% average, 96% last year. Corn at or beyond the dent stage 89%, 94% average, 83% last year. Corn at or beyond the mature stage 22%, 55% average, 21% last year. Corn condition 2% very poor, 6% poor, 17% fair, 49% good, and 26% excellent. Soybean leaves turning color 87%, 90% average, 78% last year. Soybeans 50% dropping leaves, 64% average, 39% last year. Soybean condition rated 2% very poor, 6% poor, 19% fair, 52% good, 21% excellent. Alfalfa third harvest 90%, average 94%, last year 81%. Pasture and range condition rated 3% very poor, 11% poor, 30% fair, 44% good, 12% excellent. Iowa received yet another week of dry, warm conditions allowing corn and soybeans to advance in maturity. A few producers have started harvesting soybeans planted on light sandy soils. The sun filled days and average nighttime temperatures were exactly what crops needed as corn and soybeans still lag behind the five-year average for most crop progress stages. Corn and soybeans continue to be rated in mostly good to excellent condition. For a second week, hay producers took full advantage of the weather and put up more quality hay. The lack of adequate precipitation caused range and pasture conditions to deteriorate in several districts.

**KANSAS:** Days suitable for field work 5.3. Topsoil moisture 2% very short, 14% short, 77% adequate, and 7% surplus. Subsoil moisture 3% very short, 13% short, 78% adequate, and 6% surplus. Winter Wheat 2% emerged, 2% 2008, 3% avg. Corn 8% harvested, 10% 2008, 28% avg. Sunflowers 71% ray flowers dry, 78% 2008, 77% avg.; 41% bracts yellow, 52% 2008, 57% avg.; 2% mature dry brown, 5% 2008, 18% avg.; condition 2% very poor, 7% poor, 20% fair, 60% good, and 11% excellent. Alfalfa 53% fourth cutting complete, 63% 2008, 70% avg. Range and pasture condition 2% very poor, 6% poor, 29% fair, 55% good, and 8% excellent. Feed grain supplies 1% very short, 5% short, 90% adequate, and 4% surplus. Hay and forage supplies 1% very short, 4% short, 82% adequate, and 13% surplus. Stock water supplies 1% very short, 4% short, 88% adequate, and 7% surplus. Temperatures were below normal across a majority of counties, with only the counties in the Eastern Central and Southeast Districts having normal temperatures. Very little precipitation across Kansas with Neosho County reporting .61 inches, the most in the State. Dry weather helped the harvest field work, though corn is behind the average by 20 percent. Cool temperatures in the South have slowed the cotton progress, bolls opening is 9 point behind average. Fieldwork activities for the week included cutting alfalfa, harvesting of silage, corn, and sorghum, along with planting winter wheat.

**KENTUCKY:** Days suitable for fieldwork 5.4. Topsoil moisture 9% very short, 29% short, 56% adequate and 6% surplus. Subsoil moisture 7% very short, 28% short, 60% adequate and 5% surplus. Farm activities last week included cutting, curing and housing tobacco, and hay harvesting. Burley tobacco cut 69%, 79% last year, 81% average. Dark tobacco 64% cut, 73% last year, 75% average. Tobacco condition rated 1% very poor, 4% poor, 14% fair, 53% good, 28% excellent. The hay crop condition rated 1% very poor, 8% poor, 22% fair, 50% good, 19% excellent. Pasture condition rated 2% very poor, 7% poor, 26% fair, 47% good, 18% excellent. Optimism remains high for field crops Statewide.

**LOUISIANA:** Days suitable for fieldwork 2.4. Soil moisture 1% very short, 7% short, 58% adequate, 34% surplus. Corn 100% mature, 100% 2008, 100% avg.; 99% harvested, 93% 2008, 98% avg.; 1% very poor, 26% poor, 32% fair, 38% good, 3% excellent. Hay 95% second cutting, 93% 2008, 97% avg. Rice 100% ripe, 100% 2008, 100% avg.; 87% harvested, 80% 2008, and 91% avg. Sorghum 96% harvested, 89% 2008, 96% avg. Soybeans 89% turning color, 79% 2008, 87% avg.; 73% dropping leaves, 70% 2008, 77% avg.; 49% harvested, 40% 2008, and 54% avg. Sugarcane 89% planted, 41% 2008, 78% avg.; 2% very poor, 10%

poor, 30% fair, 43% good, 15% excellent. Livestock 0% very poor, 4% poor, 45% fair, 46% good, 5% excellent. Vegetables 1% very poor, 17% poor, 46% fair, 34% good, 2% excellent. Range and pasture 2% very poor, 9% poor, 46% fair, 37% good, 6% excellent.

**MARYLAND:** Days suitable for fieldwork 5.7. Topsoil moisture 2% very short, 9% short, 84% adequate, 5% surplus. Subsoil moisture 2% very short, 8% short, 87% adequate, 3% surplus. Hay supplies 5% very short, 1% short, 86% adequate, 8% surplus. Other Hay third cutting 75%, 78% 2008, 71% avg.; fourth cutting 13%, 15% 2008, 12% avg. Alfalfa Hay fourth cutting 63%, 61% 2008, 64% avg.; Hay fifth cutting 2%, 3% 2008, 1% avg. Pasture condition 2% very poor, 8% poor, 26% fair, 49% good, 15% excellent. Corn condition 2% very poor, 7% poor, 22% fair, 46% good, 23% excellent. Soybean condition 2% very poor, 7% poor, 26% fair, 50% good, 15% excellent. Apple condition 10% fair, 88% good, 2% excellent. Corn 91% dent, 92% 2008, 94% avg.; 53% mature, 78% 2008, 76% avg.; harvest for grain 8%, 36% 2008, 25% avg.; harvest for silage 80%, 80% 2008, 69% avg. Soybeans 99% setting pods, 95% 2008, 91% avg.; turning color 33%, 63% 2008, 57% avg.; dropping leaves 9%, 38% 2008, 28% avg.; 0% harvested, 2% 2008, 1% avg. Barley 23% planted, 10% 2008, 7% avg. Winter Wheat 5% planted, 6% 2008, 2% avg. Cantaloups 94% harvested, 96% 2008, 95% avg. Cucumbers 93% harvested, 94% 2008, 93% avg. Lima Beans 75% harvested, 70% 2008, 72% avg. Snap Beans 97% harvested, 91% 2008, 92% avg. Sweet Corn 92% harvested, 95% 2008, 93% avg. Tomatoes 89% harvested, 94% 2008, 91% avg. Watermelons 94% harvested, 98% 2008, 94% avg. Apples 56% harvested, 68% 2008, 65% avg. Peaches 98% harvested, 98% 2008, 95% avg. Temperatures are cooling as fall approaches, slowing growth for the crops not yet harvested. In some areas, high soil moisture is slowing field operations.

**MICHIGAN:** Days suitable for fieldwork 7. Topsoil 17% very short, 45% short, 38% adequate. Subsoil 10% very short, 37% short, 52% adequate, 1% surplus. Corn silage harvested 14%, 54% 2008, 62% avg. Soybeans turning 65%, 86% 2008, 79% avg.; 0% harvested, 2% 2008, 4% avg. Potatoes 36% harvested, 37% 2008, 38% avg. All hay 3% very poor, 10% poor, 27% fair, 50% good, 10% excellent. Second cutting hay 97%, 100% 2008, 100% avg.; cutting hay 66%, 76% 2008, 82% avg.; cutting hay 26%, 23% 2008, 24% avg. Dry beans 3% very poor, 10% poor, 30% fair, 40% good, 17% excellent; turning 84%, 89% 2008, 97% avg.; dropping leaves 69%, 73% 2008, 85% avg.; 22% harvested, 19% 2008, 36% avg. Apples 22% harvested, 25% 2008, 28% avg. Precipitation varied from 0.04 inch central Lower Peninsula to 0.47 inch northeast Lower Peninsula. Average temperatures ranged from 1 degree below normal east central, south central and southeast Lower Peninsula to 5 degrees above normal western Upper Peninsula. Early summer conditions continued to be experienced during week. Warm and dry conditions conducive to crop development. However, lack of moisture began to show visible signs of stress some crops. Continued mild conditions continued advancement of crops. However, lack of significant moisture has many areas at or near drought. Wheat planting continued. Wheat planting is expected to be full swing by October 1. Corn still about 2 weeks behind normal, but advancing. Thus far, amicable temperatures helped to advance crop, but crop still needs time to mature. Some drying of crop has begun due to lack of moisture this summer. Corn for silage harvest underway. Soybeans drying down, and turning color. Southeast, general growth stages ranged from R6 to R7. Issues related to white mold, Sudden Death Syndrome, and soybean cyst nematode were present. Additionally, grasshoppers caused pod damage. Alfalfa harvest continued, as conditions ideal for cutting, drying and baling. Sugarbeet harvest underway. However, harvest difficult due to hard, dry soils. Dry bean advancement continued and harvest underway; due to dry weather, bean sizes reported as small by some growers. Apple harvest for fresh and processed apples continued southwest. Sunscald symptoms found on Gala apples; sooty blotch and

flyspeck present some orchards. Early maturing Jonathon apple varieties being picked for fresh market southeast. Peach harvest winding down; picking of PF35 and PF27A continued. Heavy morning dews brought brown rot problems some orchards; fungicide treatments should be applied as needed. Pear harvest continued. Pear scab, Fabraea leafspot and sooty blotch primary diseases of concern. Plum harvest winding down. Jaclyn, Caroline and Polana fall raspberry and Chester, Triple Crown, Prime-Jan and Prime-Jim blackberry varieties being picked. Wine grapes veraison northwest. Niagara grape harvest is expected to begin next week. Farmers took advantage of warm, dry conditions to accelerate pace of vegetable harvest and seed cover crops on harvested fields. Tomato harvest continued with plants responding well to nice weather. Cooler conditions earlier season allowed extended harvest on many fields. Early pumpkin harvest began some fields, growers reported much of crop required more time to mature. Watermelon, eggplant, and sweet corn harvest winding down this week. Pepper, yellow squash, and zucchini harvest continued at a reduced pace. Grand Rapids area, celery harvest continued on schedule with planted acres at 70 percent harvested. Across State, producers continued harvesting a variety of other vegetables including potatoes, watermelon, cantaloup, cabbage, broccoli, cauliflower, onions, snap beans, and carrots. Growers also continued to monitor fields for disease and pest pressures.

**MINNESOTA:** Days suitable for fieldwork 6.9. Topsoil moisture 12% very short, 35% short, 52% adequate, 1% surplus. Corn 38% silage cut, 58% 2008, 63% avg. Soybean 85% turning yellow, 89% 2008, 91% avg.; 10% mature, 7% 2008, 28% avg.; 1% harvested, 1% 2008, 4% avg. Oats 96% harvested, 100% 2008, 100% avg. Potatoes 37% harvested, 43% 2008, 51% avg.; condition 1% poor, 9% fair, 62% good, 28% excellent. Sweet Corn 83% harvested, 82% 2008, 87% avg. Canola 46% harvested, 75% 2008, 88% avg.; condition 12% poor, 42% fair, 35% good, 11% excellent. Dry Bean 25% harvested, 46% 2008, 39% avg.; condition 2% very poor, 6% poor, 27% fair, 57% good, 8% excellent. Sugarbeet 8% harvested, 6% 2008, 7% avg.; condition 2% very poor, 5% poor, 25% fair, 54% good, 14% excellent. Pasture condition 10% very poor, 20% poor, 35% fair, 34% good, 1% excellent. Sunflower condition 1% very poor, 8% poor, 33% fair, 48% good, 10% excellent. Last week's warm, dry weather allowed small grain producers to bring this year's harvest closer to completion. Average temperatures ranged from 4 to 15° above normal throughout the state. No reporting stations recorded any measurable precipitation. As of Sunday, rainfall amounts were one-half to over 3 inches below normal over the past four weeks.

**MISSISSIPPI:** Days suitable for fieldwork 1.4. Soil moisture 1% short, 50% adequate and 49% surplus. Corn 100% dough, 100% 2008, 100% avg.; 100% dent, 100% 2008, 100% avg.; 100% mature, 100% 2008, 100% avg.; 79% harvested, 75% 2008, 90% avg.; 100% silage harvested, 96% 2008, 99% avg.; 5% very poor, 17% poor, 33% fair, 42% good, 3% excellent. Cotton 70% open bolls, 76% 2008, 88% avg.; 0% harvested, 2% 2008, 16% avg.; 1% very poor, 9% poor, 29% fair, 54% good, 7% excellent. Peanuts 0% harvested, 5% 2008, -- avg.; 0% very poor, 10% poor, 19% fair, 43% good, 28% excellent. Rice 100% heading, 100% 2008, 100% avg.; 95% mature, 91% 2008, 94% avg.; 28% harvested, 37% 2008, 60% avg.; 0% very poor, 4% poor, 29% fair, 55% good, 12% excellent. Sorghum 100% turning color, 100% 2008, 100% avg.; 99% mature, 93% 2008, 99% avg.; 46% harvested, 65% 2008, 90% avg.; 1% very poor, 3% poor, 48% fair, 41% good, 7% excellent. Soybeans 78% turning color, 80% 2008, 94% avg.; 56% shedding leaves, 60% 2008, 85% avg.; 29% harvested, 28% 2008, 62% avg.; 3% very poor 11% poor, 25% fair, 48% good, 13% excellent. Hay (harvested-warm) 93%, 91% 2008, 93% avg.; 0% very poor, 10% poor, 33% fair, 47% good, 10% excellent. Wheat 0% planted, 0% 2008, 1% avg. Sweetpotatoes 25% harvested, 22% 2008, 31% avg.; 0% very poor, 0% poor, 50% fair, 50% good, 0% excellent. Cattle 1% very poor, 3% poor, 29% fair, 56% good,

11% excellent. Pasture 1% very poor, 8% poor, 28% fair, 53% good, 10% excellent. Continuous rainfall across the state has halted fieldwork and harvesting operations in many areas, but was a welcomed relief to portions of central and southern Mississippi. Producers are concerned about field conditions, crop quality, and any potential damage the surplus precipitation may bring. Armyworms are still being reported in scattered fields.

**MISSOURI:** Days suitable for fieldwork 5.8. Topsoil moisture 18% short, 79% adequate, 3% surplus. Alfalfa hay 3rd cutting 95%, 88% 2008, 95% normal. Pasture condition 2% poor, 28% fair, 62% good, and 8% excellent. Rainfall averaged 0.71 of an inch. Temperatures were 1 degree below average to mostly 2 degrees above average across the State.

**MONTANA:** Days suitable for field work 6.5. Topsoil moisture 25% very short, 13% last year; 45% short, 22% last year; 29% adequate, 60% last year; 1% surplus, 5% last year. Subsoil moisture 24% very short, 23% last year; 45% short, 30% last year; 31% adequate, 46% last year; 0% surplus, 1% last year. Durum wheat condition 0% very poor; 9% poor; 31% fair; 38% good; 22% excellent. Sugar beet condition 2% very poor, 2% last year; 5% poor, 11% last year; 21% fair, 21% last year; 40% good, 43% last year; 32% excellent, 23% last year. Barley 81% harvested, 83% last year. Durum wheat 76% harvested, 87% last year. Spring wheat 89% harvested, 91% last year. Winter wheat planted 47%, 29% last year. Alfalfa hay second cutting 97% complete, 95% last year. Other hay second cutting 74% complete, 80% last year. Lentils 95% harvested, 92% last year. The state experienced above normal temperatures with limited precipitation during the week. Highs were in the 80s to high 90s, and lows were mostly in the 30s and 40s. There were several new record high temperatures for September 16th through the 19th throughout North Central and Southwest Montana. Havre had the high temperature of 99 degrees, and Wisdom had the low temperature for the second consecutive week of 29 degrees. Neihart received the greatest amount of weekly precipitation with 0.56 of an inch. Range and pasture feed condition 15% very poor, 8% last year; 29% poor, 21% last year; 37% fair, 38% last year; 17% good, 28% last year; 2% excellent, 5% last year. Cattle and calves moved from summer ranges 28%, 22% last year. Sheep and lambs moved from summer ranges 28%, 27% last year.

**NEBRASKA:** Days suitable for fieldwork 6.6. Topsoil moisture 1% very short, 24% short, 74% adequate and 1% surplus. Subsoil moisture 1% very short, 17% short, 81% adequate, and 1% surplus. Corn conditions 2% very poor, 5% poor, 14% fair, 52% good, and 27% excellent. Irrigated Corn conditions rated 82% good or excellent. Dryland Corn rated 74% good or excellent; 100% dough, 100% 2008, 100% avg; 91% dent, 94% 2008, 96% avg.; 15% mature, 19% 2008, 44% avg. Soybean conditions 1% very poor, 4% poor, 15% fair, 59% good, and 21% excellent; 89% turning color, 77% 2008, 89% avg.; 40% dropping leaves, 34% 2008, 52% avg.; 1% harvested, 1% 2008, 4% avg. Sorghum conditions 1% very poor, 3% poor, 22% fair, 56% good, and 18% excellent; 74% turning color, 83% 2008, 91% avg.; 5% mature, 5% 2008, 26% avg. Winter Wheat 56% seeded, 40% 2008, 48% avg.; 22% emerged, 6% 2008, 14% avg. Proso millet 29% harvested, 27% 2008, 39% avg. Dry beans conditions 1% very poor, 7% poor, 21% fair, 63% good, and 8% excellent; 95% turning color, 87% 2008, 92% avg.; 72% dropping leaves, 49% 2008, 64% avg.; 45% harvested for grain, 9% 2008, 25% avg. Alfalfa conditions rated 1% very poor, 4% poor, 21% fair, 56% good, 18% excellent; 61% 4th cutting, 42% 2008, 49% avg. Pasture and Range conditions rated 1% very poor, 5% poor, 21% fair, 62% good, and 11% excellent. Warm, dry conditions helped crops progress towards harvest. Warm weather throughout the state allowed crops to dry. Dry bean harvest in the west is nearly half complete. The first fields of soybeans have been harvested. Seed corn, high moisture corn,

and silage were being harvested. Producer activities included drilling winter wheat, baling hay, and preparing grain bins for storage. Temperatures averaged 1 degree above normal across the state. The state saw highs around 90 and lows generally in the 40's. There was no significant rainfall across Nebraska.

**NEVADA:** Days suitable for fieldwork 7. Mild weather dominated across the State for the week. Temperatures ranged between two and eight degrees above normal. Las Vegas recorded the highest temperature across the State reporting 101 degrees while Reno was second, reporting a high of 93 degrees. Ely reported a low temperature of 35 degrees. Ely recorded 0.24 inches of precipitation. Pasture and range conditions are mostly in fair condition with some slipping to poor and very poor condition. Third cutting of alfalfa hay is underway in most areas. Potato harvest is underway. Cattle generally look in good condition and are beginning to be moved to fall pastures. Main farm and ranch activities include irrigation, weed control, fertilizing, haying, harvesting, equipment maintenance, and some insect control.

**NEW ENGLAND:** Days suitable for field work 6.8. Topsoil moisture 9% very short, 29% short, 59% adequate, 3% surplus. Subsoil moisture 7% very short, 21% short, 69% adequate, 3% surplus. Pasture condition: 1% very poor, 16% poor, 32% fair, 46% good, 5% excellent. Maine Potatoes 10% harvested, 20% 2008, 15% average; condition good/excellent. Rhode Island Potatoes 55% harvested, 90% 2008, 80% average; condition fair. Massachusetts Potatoes 70% harvested, 50% 2008, 50% average; condition good/fair. Maine Oats 100% harvested, 85% 2008, 80% average; condition good/fair. Maine Barley 100% harvested, 95% 2008, 90% average; condition good/fair. Field Corn for Silage 10% harvested, 25% 2008, 25% average; condition fair/good. Sweet Corn 95% harvested, 95% 2008, 95% average; condition good/fair. Shade Tobacco 100% harvested, 100% 2008, 100% average; condition good/fair. Broadleaf Tobacco 95% harvested, 100% 2008, 99% average; condition fair/poor. Second Crop Hay 95% harvested, 95% 2008, 95% average; condition good/excellent in Vermont, fair to poor in Connecticut, and good/fair elsewhere. Third Crop Hay 70% harvested, 60% 2008, 60% average; condition good/excellent in Vermont, good/fair elsewhere. Apples 40% harvested, 40% 2008, 40% average; Fruit Size average/above, average elsewhere; condition good/fair in Connecticut and Maine, good/excellent elsewhere. Peaches 95% harvested, 95% 2008, 95% average; Fruit Size average; condition good/fair in Connecticut, good elsewhere. Pears 65% harvested, 55% 2008, 55% average; Fruit Size average; condition fair/good in Connecticut and New Hampshire, good elsewhere. Massachusetts Cranberries Fruit Size average/above average; condition good/excellent. Highbush Blueberries 100% harvested, 100% 2008, 100% average; Fruit Size average; condition good/fair in Connecticut and Maine, good/excellent elsewhere. It was another dry week with cooler temperatures in New England. Highs ranged from the low 60s to mid-70s with nighttime lows dipping down into the upper 20s in some of the northern regions. Isolated areas received light rain showers during the week, but most of New England remained dry. Many areas were issued frost advisories during the weekend. A few areas were missed altogether; however most experienced their first frost of the season. No significant crop damage was reported as a result of weekend frosts. The week ended with sunny skies and mostly average temperatures in the upper 60s to mid-70s. Although concern is growing over the lack of rain, the dry weather promoted excellent harvest conditions. Farmers harvested a multitude of crops and farmer's markets and pick-your-own operations remained busy. Growers were harvesting dry hay, haylage, potatoes, oats, barley, and tobacco, cleaning up harvested fields, planting cover crops, spreading manure, irrigating as necessary, harvesting summer and fall vegetables, as well as apples, peaches, pears, plums, tame blueberries, and fall raspberries.

**NEW JERSEY:** Days suitable for field work 7.0. Topsoil moisture 80% adequate, 20% surplus. Subsoil moisture 85% adequate, 15% surplus. There were measurable amounts of rainfall during the week in some localities. Temperatures were below normal across the Garden State. Early planted soybean fields had matured to the stage of turning color and dropping leaves. Late planted soybean pods were filling out slowly. Some field corn is in the dent stage and small amounts harvested for grain. Chopping corn for silage continued. Hay producers continued final cuttings. Some fall vegetables are being planted. Cantaloupes and cucumbers approached full harvest. Sweet potato harvest began. Apple and grape harvesting continued. Cranberry harvest began with the main harvest underway in another week. Peach and nectarine harvesting concluded. Pastures provided plentiful feed.

**NEW MEXICO:** Days suitable for fieldwork 6.0. Topsoil moisture 17% very short, 31% short, 50% adequate, 2% surplus. Wind damage 6% light, 1% adequate; 2% of sorghum crop acreages were damaged by wind. Hail damage 2% light; 5% of corn crop acreages were damaged by hail, 6% of sorghum crop acreages were damaged by hail, 3% of winter wheat crop acreages were damaged by hail, 1% of peanut crop acreages were damaged by hail. Alfalfa 2% very poor, 4% poor, 21% fair, 69% good, 4% excellent; 75% of the fifth cut completed, 13% of the sixth cutting complete. Cotton 5% poor, 41% fair, 40% good, 14% excellent; 89% setting bolls, 39% bolls opening. Corn 2% poor, 22% fair, 49% good, 27% excellent; 97% dough, 72% dent, 39% mature. Irrigated sorghum 3% poor, 32% fair, 61% good, 4% excellent; 77% coloring, 8% mature. Dry sorghum 4% very poor, 36% poor, 38% fair, 22% good; 57% coloring, 12% mature. Total sorghum 3% very poor, 24% poor, 36% fair, 36% good, 1% excellent; 57% coloring, 12% mature. Irrigated winter wheat 96% planted. Dry winter wheat 89% planted. Total winter wheat 92% planted. Peanuts 87% fair, 13% good; 95% pegging. Lettuce 100% planted. Chile 2% poor, 29% fair, 44% good, 25% excellent with 8% light pod set, 60% average pod set, 32% heavy pod set; 90% green chile harvested, 14% red chile harvested. Pecans 21% fair, 53% good, 26% excellent with 14% light nut set, 63% average nut set, 23% heavy nut set. Cattle 1% very poor, 15% poor, 43% fair, 28% good, 13% excellent. Sheep 20% very poor, 31% poor, 36% fair, 13% good. Range and pasture 13% very poor, 32% poor, 41% fair, 14% good. A weak upper level low pressure brought moisture over the state leading into heavy showers and thunderstorm. The system moved slowly causing a flash flood watch on Thursday for Southern and Western NM. Cloudy skies over much of the state brought temperatures below normal in central New Mexico and to the South East. By the weekend, we had clear skies. Albuquerque also broke a 24 hour rainfall record on Wednesday 0.66 inches total.

**NEW YORK:** Days suitable for fieldwork 6.0. Soil moisture 19% short, 76% adequate and 5% surplus. Pastures 1% very poor, 5% poor, 29% fair, 52% good, and 13% excellent. Soybean condition 7% poor, 26% fair, 55% good, 12% excellent. Hay 7% poor, 26% fair, 51% good, 16% excellent. Corn 6% poor, 22% fair, 58% good, 14% excellent. Oats 99% harvested, 100% 2008, 99% average. Potatoes 57%, 57% 2008, 64% average. Alfalfa 3rd cutting 87%, 86% 2008, 83% average. Silage corn 15%, 20% 2008, 30% average. Dry beans 34%, 26% 2008, 21% average. Apple condition 1% poor, 2% fair, 12% good, 85% excellent. Grapes 25% poor, 28% fair, 29% good, 18% excellent. Peaches 10% poor, 19% fair, 17% good, 54% excellent. Pears 7% poor, 12% fair, 29% good, 52% excellent. Apples 33% harvested, 32% 2008, 40% average. Peaches 98%, 88% 2008, 96% average. Pears 84%, 64% 2008, 78% average. Grapes 13%, 17% 2008, 21% average. In the Lake Erie grape region, harvesting of many hybrids was complete. The Finger Lakes grape region continued to enjoy sunny dry weather that helped keep the spread of Botrytis and other bunch rots to a minimum. Tomato 91% harvest, 83% average. Onions 87%, 80% average. Sweet corn 84%, 88% 2008, 89% average.

Snap beans 87%, 80% average. Cabbage 76%, 70% average. Tomato condition 37% poor, 21% fair, 20% good, 22% excellent. Cucumbers 1% poor, 22% fair, 72% good, 5% excellent. Lettuce 2% poor, 7% fair, 11% good, 80% excellent. Onions 2% poor, 22% fair, 49% good, 27% excellent. Sweet corn 4% poor, 20% fair, 65% good, 11% excellent. Snap beans 8% poor, 40% fair, 49% good, 3% excellent. Cabbage 3% poor, 32% fair, 51% good, 14% excellent. Temperatures were near normal for the first three days of the week before a cold front brought temperatures down Wednesday and Thursday. The week was quite dry over most of the region. The main exception was the northern Adirondacks where over an inch of rain fell Monday evening.

**NORTH CAROLINA:** Days suitable for fieldwork 4.9. Topsoil moisture 6% very short, 20% short, 61% adequate, 13% surplus. The Mountain Region received heavy rain last week. Flooding was reported in some areas. Statewide, precipitation ranged from no rain to 6.58 inches in Asheville. Average temperatures were normal, ranging from 62 to 76 degrees. Activities during the week included harvesting corn, tobacco, apples, and cutting hay.

**NORTH DAKOTA:** Days suitable for fieldwork 6.6. Topsoil moisture 2% very short, 29% short, 65% adequate, 4% surplus. Subsoil moisture 1% very short, 26% short, 70% adequate, 3% surplus. Durum wheat 68% harvested, 91% 2008, 86% average. Canola 67% harvested, 83% 2008, 86% average. Flaxseed 42% harvested, 71% 2008, 75% average. Soybeans 66% lower leaves yellowing, 92% 2008, 90% average. Dry edible beans 78% lower leaves yellowing, 95% 2008, 92% avg.; 48% dropping leaves, 88% 2008, 85% avg.; 10% cut, 43% 2008, 53% avg.; condition 3% very poor, 7% poor, 29% fair, 54% good, 7% excellent. Potatoes 69% vines killed, 83% 2008, 83% avg.; 16% dug, 41% 2008, 41% avg.; condition 6% very poor, 7% poor, 23% fair, 48% good, 16% excellent. Sugarbeets 7% lifted, 6% 2008, 7% avg.; condition was 1% very poor, 5% poor, 25% fair, 59% good, 10% excellent. Sunflower 89% ray flowers dried/dropped, 95% 2008, 94% avg.; 55% bracts turned yellow, 77% 2008, 77% avg.; 9% bracts turned brown, 28% 2008, 39% avg.; condition 2% poor, 18% fair, 66% good, 14% excellent. Corn for silage 17% chopped, 48% 2008, 52% average. Stockwater supplies 6% short, 90% adequate, 4% surplus. Small grain harvest and late season crop progress made great strides last week as temperatures were well above normal and dry weather prevailed. The clear, dry weather allowed producers to stay active in the fields harvesting.

**OHIO:** Days suitable for fieldwork 6.7. Soil moisture 12% very short, 30% short, 57% adequate, 1% surplus. Corn 2% very poor, 5% poor, 19% fair, 50% good, 24% excellent. Hay 2% very poor, 10% poor, 31% fair, 51% good, 6% excellent. Livestock condition 1% very poor, 1% poor, 17% fair, 68% good, 13% excellent. Pasture and Range 3% very poor, 12% poor, 32% fair, 45% good, 8% excellent. Soybeans 1% very poor, 5% poor, 24% fair, 54% good, 16% excellent. Corn in dough 98%, 100% 2008, 100% avg.; 80% dented, 98% 2008, 95% avg.; 14% Mature, 44% 2008, 39% avg.; silage harvested 47%, 72% 2008, 67% avg. Soybeans 52% dropping leaves, 58% 2008, 64% avg.; 8% mature, 18% 2008, 23% avg.; 1% harvested, 3% 2008, 5% avg. Alfalfa hay third cutting 92%, 100% 2008, 96% avg.; fourth cutting 45%, 59% 2008, 50% avg. Other hay third cutting 67%, 85% 2008, 75% avg. Peaches 97% harvested, 100% 2008, 98% avg. Apples % fall & winter varieties harvested 34%, 33% 2008, 27% avg. Grapes 52% harvested, 39% 2008, 35% avg. Potatoes 65% harvested, 70% 2008, 69% avg. Processing tomatoes 59% harvested, 56% 2008, 71% avg.

**OKLAHOMA:** Days suitable for fieldwork 2.6. Topsoil moisture 8% very short, 10% short, 65% adequate, 17% surplus. Subsoil moisture 8% very short, 18% short, 65% adequate, 9% surplus. Wheat seedbed prepared 81% this week, 74% last week, 78% last year, 84% average. Rye seedbed prepared 82% this week, 76%

last week, 81% last year, 87% average; 39% planted this week, 22% last week, 41% last year, 44% average. Oats seedbed prepared 65% this week, 58% last week, 57% last year, 63% average. Corn condition 8% very poor, 14% poor, 23% fair, 25% good, 30% excellent; 95% dent this week, 91% last week, 96% last year, 99% average; 66% mature this week, 58% last week, 58% last year, 76% average; 31% harvested this week, 23% last week, 33% last year, 52% average. Soybeans condition 2% very poor, 7% poor, 34% fair, 37% good, 20% excellent; 100% setting pods this week, 97% last week, 93% last year, 91% average; 21% mature this week, 13% last week, 20% last year, 35% average. Peanuts setting pods 99% this week, 97% last week, 100% last year, 100% average; 47% mature this week, 21% last week, 34% last year, 54% average. Alfalfa hay condition 3% very poor, 9% poor, 39% fair, 43% good, 6% excellent; 4th cutting 83% this week, 81% last week, 89% last year, 91% average; 5th cutting 29% this week, 17% last week, 38% last year, 44% average. Other hay condition 3% very poor, 15% poor, 45% fair, 34% good, 3% excellent 2nd cutting 66% this week, 64% last week, 66% last year, 73% average. Watermelons 96% harvested this week, 93% last week, 100% last year, 100% average. Livestock condition N/A very poor, 4% poor, 30% fair, 54% good, 12% excellent. Pasture and range condition 2% very poor, 10% poor, 35% fair, 47% good, 6% excellent. Livestock Prices for feeder steers less than 800 pounds averaged \$100 per cwt. Prices for heifers less than 800 pounds averaged \$94 per cwt. Livestock conditions rated mostly in the good to fair range. Average livestock marketings were reported last week.

**OREGON:** Days suitable for fieldwork 6.5. Topsoil moisture 32% very short, 45% short, 23% adequate, 0% surplus. Subsoil moisture 37% very short, 39% short, 24% adequate, 0% surplus. Alfalfa Hay 94% third cutting, 82% 2008, 83% average. Winter Wheat 27% planted, 17% 2008, 15% average. Corn Condition 0% very poor, 5% poor, 33% fair, 54% good, 8% excellent. Range, Pasture 17% very poor, 25% poor, 40% fair, 18% good, 0% excellent. Weather Some rain fell in western Oregon, and was welcomed by most. Temperatures were above normal. Highs ranged from 95 degrees in Medford, down to 71 degrees in Crescent City. Low temperatures ranged from 28 degrees in Christmas Valley, up to 51 degrees in Medford and Ontario. Sixteen stations reported a measurable amount of rain along the Coast and in the Willamette Valley, with the Florence station reporting 0.73 inches. Field Crops Fall field work was active. North central Oregon wheat seeding progressed despite dry soil. Some was up and growing, but needed moisture. Grain harvest continued in parts of the State. Grass seed prices were historically low across the board, with annual rye varieties being moved steadily but perennials, particularly fescue, moved slowly. Haying continued in southern Oregon. Vegetables Still some good vegetables being harvested, with fall squash about to be ready as well. Farmers markets still had plenty of vegetables, but increased irrigation was needed to keep crops coming up to head off the drier weather. Fruits and Nuts Growers prepared for plum and prune harvest. Filbert orchards were being heavily littered with fallen nuts ready to be swept. Douglas and Jackson counties reported vineyards closely watching their grapes and checking sugar levels. The pear harvest continued. In the Gorge, winter pear harvest continued as did apples, and local wineries began to press grapes. Nurseries and Greenhouses. Greenhouses continued planting fall starts. Nurseries were expected to start balled and burlapped digging within the next couple of weeks. Livestock, Range and Pasture Dry land pastures had greened from rains earlier in the month, but continued to need more moisture. Irrigated pastures were doing well. Spring calves were being weaned and prepared for sale. In Lake County, fall calving was well underway.

**PENNSYLVANIA:** Days suitable for fieldwork 6. Soil moisture 6% very short, 20% short, 71% adequate, 3% surplus. Fall 34% plowing, 39% 2008, 36% avg. Corn 90% dough, 95% 2008, 98%

avg.; 70% dent, 77% 2008, 87% avg.; 18% mature, 33% 2008, 52% avg.; 5% harvest, 13% 2008, 16% avg. Corn 43% Silage, 60% 2008, 69% avg. Corn crop condition 1% very poor, 3% poor, 15% fair, 53% good, 28% excellent. Barley 24% harvest, 34% 2008, 30% avg.; 7% emerged, 9% 2008, 11% avg. Winter Wheat 13% planting, 15% 2008, 12% avg. Tobacco 89% harvest, 91% 2008, 92% avg. Potatoes 71% harvest, 46% 2008, 51% avg. Alfalfa third cutting 94% complete, 100% 2008, 97% avg.; fourth cutting 41% complete, 66% 2008, 54% avg. Apples 48% harvested, 39% 2008, 51% avg. Soybean crop condition 3% poor, 18% fair, 50% good, 29% excellent. Quality of hay made 2% very poor, 4% poor, 20% fair, 49% good, and 25% excellent. Pasture conditions 2% very poor, 5% poor, 23% fair, 53% good, 17% excellent. Farmers enjoyed the dry weather throughout last week, but some rain is needed to help develop the recently seeded crops. Primary field activities were making hay, filling silos, as well as harvesting potatoes, apples, tobacco, fruits, and vegetables.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.2. Soil moisture 19% very short, 50% short, 30% adequate, 1% surplus. Soybeans 1% very poor, 5% poor, 39% fair, 50% good, 5% excellent. Livestock condition 0% very poor, 1% poor, 35% fair, 63% good, 1% excellent. Corn 92% harvested, 83% 2008, 86% avg. Soybeans 100% bloomed, 100% 2008, 100% avg. Soybeans pods set 97%, 98% 2008, 95% avg.; leaves turning color 18%, 15% 2008, 19% avg.; leaves dropped 4%, 7% 2008, 6% avg.; 1% mature, 1% 2008, 1% avg. Winter wheat 0% planted, 1% 2008, 2% avg. Tobacco 99% harvested, 97% 2008, 98% avg.; stalks destroyed 84%, 75% 2008, 70% avg. Winter grazings planted 14%, 22% 2008, 20% avg. Several South Carolina locations received much needed rainfall this past week. However, many areas of the State, particularly the eastern portion, are still in a desperate need of precipitation. Crop and livestock conditions showed signs of improvement for the producers that received rain. South Carolina's soil moisture levels progressed and were reported 19% very short, 50% short, 30% adequate, and 1% surplus. Ninety-two percent of the corn crop had been harvested. Seventy-four percent of cotton bolls had opened which remains ahead of historical averages. Some cotton growers had just begun to harvest while other farmers had applied defoliant in preparation for the harvest. Soybeans had completed blooming and nearly all soybeans had set pods by week's end. Eighteen percent of the crop's leaves had turned color, 4% had dropped leaves, and 1% had matured. Soybean growers in several rain deficient counties had reported reduced yields. Peanut growers continue to harvest their crops. However, the ground was too hard for some producers to dig peanuts. Tobacco producers have nearly completed harvesting for the 2009 season. Eighty-four percent of tobacco stalks were destroyed, remaining well ahead of the 5-year average. Fourteen percent of winter grazings had been planted which continue to be stalled for some livestock owners due to dry soil.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.8. Topsoil moisture 8% very short, 30% short, 60% adequate, 2% surplus. Subsoil moisture 9% very short, 34% short, 54% adequate, 3% surplus. Winter wheat 12% emerged, 4% 2008, 8% avg. Corn 0% harvested, 0% 2008, 3% avg. Corn silage harvested 38%, 56% 2008, 66% avg. Sorghum silage 29% harvested, 62% 2008, 68% avg. Soybeans 11% mature, 16% 2008, 23% avg.; 0% harvested, 1% 2008, 2% avg. Sunflower ray flowers dry 89%, 91% 2008, 93% avg.; bracts yellow 67%, 63% 2008, 74% avg.; 5% mature, 2% 2008, 12% avg.; 0% harvested, 0% 2008, 1% avg.; 2% poor, 16% fair, 64% good, 18% excellent. Alfalfa hay 3rd cutting harvested 77%, 78% 2008, 81% avg. Alfalfa hay 3% very poor, 7% poor, 20% fair, 57% good, 13% excellent. Feed supplies 2% short, 85% adequate, 13% surplus. Stock water supplies 2% very short, 8% short, 82% adequate, 8% surplus. Cattle condition 1% poor, 11% fair, 67% good, 21% excellent. Sheep condition 1% poor, 10% fair, 63% good, 26% excellent. Warm temperatures this past week helped the row crops progress closer to maturity. A dry week

across the state allowed for good progress on winter wheat seeding.

**TENNESSEE:** Days suitable for fieldwork 2. Topsoil moisture 7% short, 50% adequate, and 43% surplus. Subsoil moisture 1% very short, 11% short, 65% adequate, and 23% surplus. Burley 68% harvested, 65% 2008, 77% average Dark Air-Cured 83% harvested, 91% 2008, 92% average Dark Fire-Cured 75% harvested, 80% 2008, 82% average. All Tobacco 4% poor, 15% fair, 69% good, 12% excellent. Pastures 3% poor, 23% fair, 62% good, 12% excellent. Harvest efforts were stymied last week as substantial amounts of gulf moisture pushed into the western half of the state with record rainfall in some areas. The moisture was a product of surface low pressure over Louisiana that remained nearly stationary through most of the past week. This same front eventually pushed eastward and continued to drop well above normal precipitation. As a result, harvest progress for all crops was trailing the normal pace by week's end. Also, all major row crops were developing at a slower rate than last year and the 5-year average. The bountiful precipitation helped to recharge ponds and increase moisture levels in pastures and hayfields. On the downside, some hay has become overripe as a consequence of harvest delays. Temperatures averaged slightly above normal across the entire state through the week. Daytime highs were generally slightly below normal, but ample cloud cover caused overnight lows to trend slightly above normal. Rainfall averaged from half an inch to six inches above normal last week.

**TEXAS:** Top soil moisture was mostly short to adequate across the state. Cotton condition was mostly fair to good statewide. Corn condition was mostly fair to good statewide. Sorghum condition was mostly very poor to fair statewide. Peanut condition was mostly fair to good statewide. Rice condition was mostly fair to good statewide. Soybean condition was mostly fair to good statewide. Range and Pasture condition was mostly fair to good statewide. The eastern part of the state received up to 10 inches of rainfall and the southern part of the state observed up to 5 inches of moisture. The rest of the state observed scattered showers. Winter wheat planting was in full-swing, cotton was in need of more heat and dry weather, and sorghum was turning color in the Northern High Plains. Sorghum progressed well and winter wheat planting had begun in the Southern High Plains. Recent moisture improved wheat growing conditions in the Edwards Plateau and South Central Texas. Cotton harvest continued in southern areas of the state. Cotton ginning was active in parts of South Texas. Producers prepared to harvest peanuts in the Southern Plains. In the Trans-Pecos, hail caused severe damage to pecan trees. Supplemental feeding of livestock continued in localized areas of the state, however, livestock were grazing the greener pastures due to the recent rainfall. Range and pastures progressed well due to the recent rainfall across most of the state, however, the southern part of the state continued to be in need of moisture.

**UTAH:** Days suitable for field Work 6. Subsoil Moisture 6% very short, 38% short, 56% adequate, 0% surplus. Irrigation Water Supplies 11% very short, 23% short, 66% adequate, 0% surplus. Winter Wheat, Planted For Harvest Next Year 44%, 44% 2008, 42% avg. Spring Wheat 100% harvested, 100% 2008, 98% avg.; 0% very poor, 1% poor, 23% fair, 60% good, 16% excellent. Barley harvested (grain) 100%, 99% 2008, 99% avg.; Condition 0% very poor, 0% poor, 9% fair, 67% good, 24% excellent. Oats harvested (grain) 95%, 86% 2008, 91% avg. Oats harvested for Hay or Silage 100%, 100% 2008, 100% avg. Corn silked (tasseled) 100%, 100% 2008, 100% avg.; 94% dough, 100% 2008, 98% avg.; 74% dent, 73% 2008, 76% avg.; 50% mature, 27% 2008, 36% avg.; condition 0% very poor, 0% poor, 23% fair, 63% good, 14% excellent. Alfalfa height 36%, 36% 2008, 36% avg. Alfalfa Hay 3rd Cutting 83%, 77% 2008, 90% avg. Other Hay Cut 100%, 100% 2008, 100% avg. Alfalfa Seed 43% Harvested, 29% 2008, 45% avg. Onions 46% harvested, 57% 2008, 57% avg. Cattle and calves moved From

Summer Range 17%, 18% 2008, 34% avg. Cattle and calves condition 0% very poor, 0% poor, 13% fair, 75% good, 12% excellent. Sheep and lambs moved From Summer Range 27%, 34% 2008, 31% avg. Sheep Condition 0% very poor, 0% poor, 7% fair, 82% good, 11% excellent. Stock Water Supplies 11% very short, 19% short, 70% adequate, 0% surplus. Apples 22% harvested, 33% 2008, 41% avg. Apricots 100% harvested, 100% 2008, 100% avg. Peaches 61% harvested, 89% 2008, 89% avg. Pears 59% harvested, 68% 2008, 83% avg. The small grain harvest is coming to an end. Livestock continues to do well around the state. Box Elder County reports rainstorms in the area with about four tenths in the Garland area and as much as eight tenths of an inch reported in the Snowville and Bear River City. Producers with corn silage continue to harvest and are reporting an excellent year for corn silage production. Small Grain harvest is just about over for the year and producers are moving into the safflower harvest. The safflower should produce very good yields. Fourth cutting of alfalfa continues but some alfalfa producers were only able to get 3 crops while others cut the hay at a younger stage and get 4 cuttings. Grain prices have dropped. The general feeling among grain farmers is that grain dealers are finding ways to pay lower prices for good quality grain. Onions are being lifted and dried in the fields. They will start hauling to onion sheds this week. Most fields look to yield well and the price at this point looks favorable. Cache County reports growers continue to make good progress with their field work. A storm early in the week dropped .75 inches of rain, causing a delay in harvesting crops and discouraging alfalfa hay growers and buyers who were counting on a quality third cutting. Swathers and hay balers are busy again today. Most of the small grains have been combined with respectable and even high yields. Safflower and silage corn appear to still be two or three weeks away from ideal harvest. Some growers are planting winter wheat and many producers are spreading manure on their fields prior to plowing Duchesne County reports receiving some rainstorms this week. Some producers had some of their hay get rained on. The corn crop looks very good this year. Most producers will start harvesting corn silage this week or next, which is behind normal. Grain corn is starting to mature but is expected to be later than normal this year. Water supplies for some areas continue to hold up while others are out. Morgan County reports farmers are beginning to harvest 3rd cutting of alfalfa. Corn is late maturing this year, so harvest has not begun. Weber County reports fourth cutting of alfalfa is in full swing. Corn silage is late maturing, a few have started harvesting, while most will start next week. Utah County reports range conditions are better due to recent rainstorms. Third crop hay is being put up while the fruit harvest is going well. Wayne County reports scattered showers that did little to improve the dry conditions in the area. Emery County reports a few thundershowers in the area, this past week, limited some field work activities. A hail storm did some minor damage to crops in the county. Third crop hay is being cut and the weather has stayed quite warm to date to allow the alfalfa to continue to grow. Crops have done very well this growing season and no signs of frost yet this fall. Irrigation water supplies have held out well this year. Uintah County reports most areas received 0.5 to 1 inch of rain this week, which was good for the ranges but reduced quality on hay in windrows. Miller moths have been abundant so it could mean lots of army cutworms next spring. Summit County reports farmers are still harvesting 3rd crop alfalfa hay. Heavy grasshopper infestations are reported on rangeland. Box Elder reports livestock producers are beginning to bring some animals off summer pastures and onto fall feed. Most of the fall pastures look to be in good to excellent condition. Lamb producers have begun to sort and ship lambs to lamb buyers. Cache County reports sheep and beef cattle continue to do well, and have ample feed in pastures and in cultivated acres being grazed for aftermath. Dairymen are grateful for lower feed costs, but still struggle daily with negative cash flows. The county continues to lose a few good dairy producers each month. Duchesne County reports producers will start to bring livestock home in the next three weeks. Emery

County reports cattle and sheep will begin moving off of summer ranges over the next few weeks. Animals are in good shape coming off of summer range. Winter ranges look to be in poor shape with little or no livestock water in ponds and available feed is in short supply since summer thunderstorms were few and far between. Summit County reports livestock starting to be moved off summer ranges as range grass is drying out due to frost and colder temperatures.

**VIRGINIA:** Days suitable for fieldwork 6.3. Topsoil moisture 15% very short, 33% short, 51% adequate, 1% surplus. Subsoil moisture 12% very short, 30% short, 58% adequate. Pasture 3% very poor, 14% poor, 36% fair, 38% good, 9% excellent. Livestock 1% very poor, 3% poor, 18% fair, 65% good, 13% excellent. Hay Other 5% very poor, 12% poor, 36% fair, 40% good, 7% excellent. Hay Alfalfa 3% very poor, 8% poor, 26% fair, 51% good, 12% excellent. Corn 96% dent; 95% 2008; 95% 5-yr avg.; 78% mature, 80% 2008; 83% 5-yr avg.; for grain harvested 18%; 27% 2008; 30% 5-yr avg.; silage harvested 72%; 73% 2008; 81% 5-yr avg.; condition 2% very poor, 8% poor, 21% fair, 49% good, 20% excellent. Soybeans dropping leaves 24%; 22% 2008; 27% 5-yr avg.; condition 6% poor, 20% fair, 52% good, 22% excellent. Winter Wheat seeded 7%; 7% 2008; 5% 5-yr avg. Barley 12% Seeded, 15% 2008; 15% 5-yr avg. Flue-cured tobacco 75% harvested, 44% 2008; 66% 5-yr avg. Burley tobacco 71% harvested, 48% 2008; 68% 5-yr avg.; condition 4% poor, 7% fair, 71% good, 18% excellent. Dark fire-cured tobacco 95% harvested, 93% 2008; 56% 5-yr avg. Peanut condition 12% fair, 76% good, 12% excellent. Cotton bolls opening 47%; 74% 2008; 83% 5-yr avg.; condition 3% poor, 23% fair, 63% good, 11% excellent. Fall Apples 37% harvested, 28% 2008; 50% 5-yr avg. All Apple condition 21% fair, 77% good, 2% excellent. Grapes 1% poor, 12% fair, 86% good, 1% excellent. Clear, dry weather allowed producers throughout the State to make significant progress on the harvest of corn and tobacco, as well as, begin the planting of small grains. Corn yield reports have been good to very good. Although harvest conditions were ideal this week, late planted soybeans are in need of additional moisture. Producers continued scouting for insects and disease, and there have been a few reports of acreage being treated for soybean aphids. For many, additional rainfall will be necessary before small grain planting can begin. Strawberry farmers began fumigating their land and laying plastic, and in some areas, a few acres have already been planted.

**WASHINGTON:** Days suitable for fieldwork 6.7. Topsoil moisture conditions 18% very short, 39% short and 43% adequate. Grain growing counties reported winter wheat seeding was speeding along. Growers appear to be expecting an early winter. A week of warm, dry weather left some farmers concerned about soil moisture and a few were holding back, waiting for fall rains before they seeded. Emergence continued to be a problem in some areas where rains had fallen and these fields were being reseeded due to the soil crusting and the new seedlings not being able to push through. In Whitman and Grant Counties, garbanzo bean harvest was about done. Other eastern counties reported potato harvest, the last cutting of alfalfa, mint and grape harvest were well underway. In the Yakima Valley, vegetable, hop, and winter pear harvest continued. Apple growers brought in the remaining Gala, Honeycrisp crop and started harvesting early strains of Fuji apples. The apple harvest was looking very good. In Pacific County, cranberry growers prepared for the upcoming harvest by repairing equipment and general bog maintenance. Range and pasture conditions 9% very poor, 35% poor, 36% fair, 17% good and 3% excellent. On the eastern side, cattle were expected to be out on pasture for another month, but conditions were deteriorating in several counties. Stevens County reported their first light frost for

the season and early weaning of calves due to pasture conditions and more reasonable hay prices. In Pacific County, shellfish growers completed seeding and transplanting operations.

**WEST VIRGINIA:** Days suitable for field work 6. Topsoil moisture 5% very short, 63% short, and 32% adequate compared with 29% very short, 45% short and 26% adequate last year. Corn conditions 2% poor, 25% fair, 46% good and 27% excellent; 95% doughing, 94% 2008, 5-yr avg. not available. Corn 65% dented, 60% 2008, 74% 5-yr avg.; 21% mature, 19% 2008, 27% 5-yr avg. Soybean conditions 6% fair, 76% good, 18% excellent; 18% dropping leaves, 32% 2008, 50% 5-yr avg. Wheat 4% planted, 5% 2008, 9% 5-yr avg. Hay was reported 2% poor, 36% fair, 51% good and 11% excellent. Hay second cutting was reported 94% complete, 94% in 2008, 91% 5-yr avg. Hay third cutting was reported 46% complete, 30% in 2008, 31% 5-yr avg. Apple conditions were 44% fair, 55% good and 1% excellent; 35% harvested, 40% 2008, 31% 5-yr avg. Cattle and calves were 1% poor, 17% fair, 80% good and 2% excellent. Sheep and lambs were 1% poor, 13% fair, 85% good and 1% excellent. Farming activities included harvesting apples and pumpkins, and making hay. Dry weather conditions are negatively affecting pastures forcing some producers to start feeding hay.

**WISCONSIN:** Days suitable for fieldwork 6.9. Topsoil moisture 21% very short, 51% short, 28% adequate, and 0% surplus. Temperatures were 3 to 7 degrees above normal. Average high temperatures ranged from 75 to 81 degrees across the state. Lows averaged from 49 to 59 degrees for the week. Precipitation ranged from 0.02 inches in Eau Claire to 0.00 inches across the rest of the reporting stations. Corn in dough stage 94% 66% dented, 10% mature, harvested for silage was 12% complete. Soybeans 72% leaves turned, 24% dropping leaves. Fourth cutting hay was 45 percent complete. Another week of sunshine and above normal temperatures accelerated maturity of corn and soybeans. The lack of rain has dried out many fields across the state, and growers were hoping for some moisture to give crops and pastures a boost as well as aid germination of winter wheat and rye.

**WYOMING:** Days suitable for field work 6.6. Topsoil moisture 2% very short, 28% short, 69% adequate, 1% surplus. Barley: 87% harvested, 75% previous week, 94% 2008, 97% avg. Oats: 93% harvested, 89% previous week, 96% 2008, 95% avg. Spring Wheat: 90% mature, 86% previous week, 100% 2008, 100% avg; 87% harvested, 82% previous week, 97% previous year, 97% avg. Winter Wheat: 84% planted, 52% previous week, 87% 2008, 84% avg; 61% emerged, 22% previous week, 34% 2008, 49% avg. Dry Beans: 94% setting pods, 90% previous week, 100% 2008, 100% avg; 89% leaves turning color, 84% previous week, 95% 2008, 97% avg; 72% windrowed, 41% previous week, 46% 2008, 61% avg; 36% combined, 7% previous week, 21% 2008, 36% avg. Corn: 76% dough, 60% previous week, 83% 2008, 89% avg; 44% dented, 16% previous week, 55% 2008, 65% avg; 16% mature, 0% previous week, 15% 2008, 19% avg. Corn harvested for silage: 53% harvested, 19% previous week, 46% 2008, 57% avg. Alfalfa harvested: 97% second cutting, 93% previous week, 97% 2008, 98% avg; 26% third cutting, 17% previous week, 28% 2008, 39% avg. Sugarbeets condition: 7% fair, 87% good, 6% excellent. Dry beans condition: 5% poor, 19% fair, 76% good. Corn condition: 2% very poor, 3% poor, 19% fair, 76% good. Range and pasture conditions: 1% very poor, 11% poor, 38% fair, 47% good, 3% excellent. Irrigation water supplies: 9% very short, 2% short, 89% adequate. The harvest of small grain crops continued. Moisture received in localized areas from thunderstorms but some parts of the state remain dry. Calves were taken to the market and feedlots. Activities: hay harvest, small grain harvest, planting winter wheat, moving hay to stock yards, branding and moving livestock.

## International Weather and Crop Summary

September 13 – 19, 2009

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

### HIGHLIGHTS

**FSU-WESTERN:** Unseasonably warm, dry weather continued throughout most of the region, favoring fieldwork for summer crop harvesting and winter grain planting.

**FSU-NEW LANDS:** Dry weather aided spring grain harvesting in Kazakhstan and most of Russia.

**EUROPE:** Showers returned to the continent, boosting soil moisture for winter grain planting but slowing fieldwork.

**AUSTRALIA:** Showers continued to benefit winter grains and oilseeds in western and southeastern Australia, while hot, dry weather reduced crop prospects in east-central Australia.

**EAST ASIA:** Late-week showers benefited filling corn in Manchuria, while mostly dry weather elsewhere favored harvesting.

**SOUTHEAST ASIA:** Rainfall increased across much of the area after last week's lull, benefiting rice in Indochina and oil palm in Indonesia and Malaysia.

**MIDDLE EAST:** Lingering showers in Turkey hampered cotton harvesting.

**SOUTH ASIA:** Unfavorable dryness returned to much of India, likely signaling the early withdrawal of the monsoon.

**ARGENTINA:** Locally heavy rain boosted moisture for immature winter grains and summer crop establishment.

**BRAZIL:** Unseasonable wetness persisted over southern sections of the wheat belt, but favorably drier conditions prevailed elsewhere.

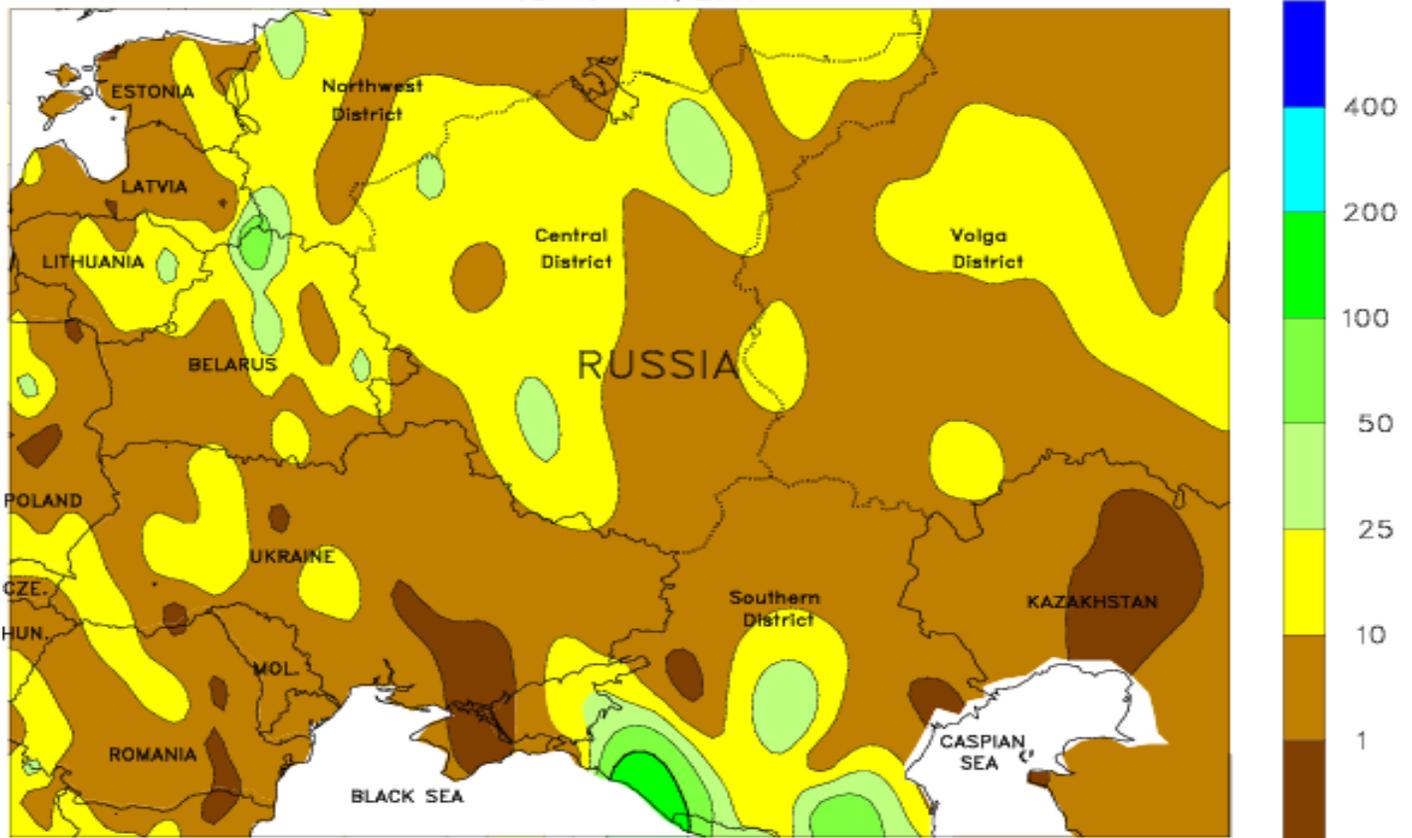
**CANADIAN PRAIRIES:** Unusually warm weather fostered maturation and dry down of spring grains and oilseeds.

**SOUTHEASTERN CANADA:** Sunny, albeit cool weather prevailed, with patchy frost suspected in outlying farming areas.

**MEXICO:** Beneficial rain continued across the southern plateau corn belt.



WESTERN FSU  
Total Precipitation (mm)  
SEP 13 - 19, 2009



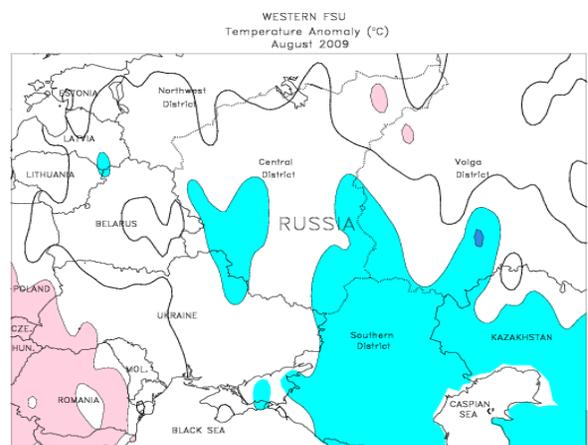
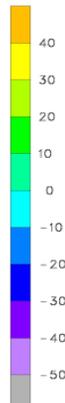
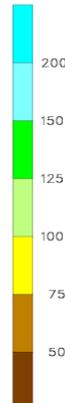
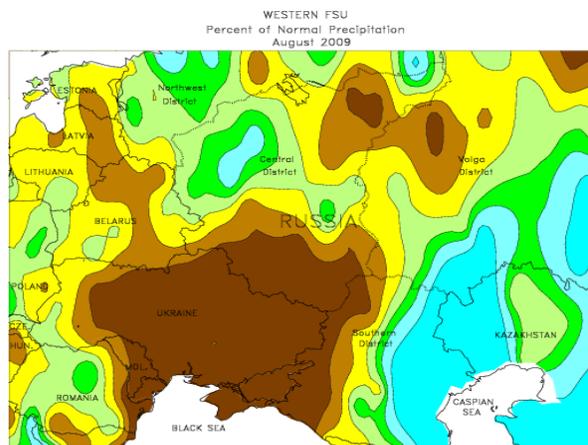
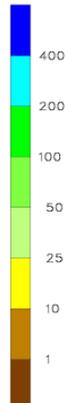
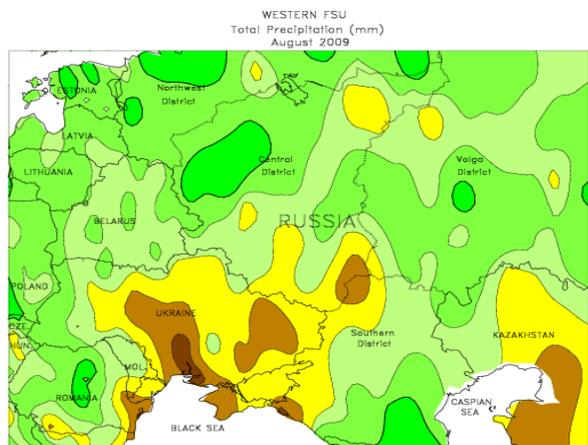
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**FSU-WESTERN**

Drier-than-normal conditions continued throughout a large portion of Russia and Ukraine, helping summer crop harvesting and winter grain planting. Reports from Russia as of September 16 indicated the grain harvest was about 69 percent complete. However, rain is needed throughout most of Russia and Ukraine for winter grain germination and establishment. Precipitation amounts in excess of 10 mm were mostly confined to western Ukraine, the southern portion of the Southern District in Russia, the western

portion of the Russian Central District, and spotty locations in the Volga District, moistening topsoils for winter grain emergence. Weekly temperatures across the region averaged 1 to 3 degrees C or more above normal, promoting the maturity of summer crops as well as winter grain emergence in areas where topsoil moisture was sufficient. Elsewhere, light showers (2-25 mm or more) in Belarus caused only brief delays in summer crop harvesting and winter grain planting.

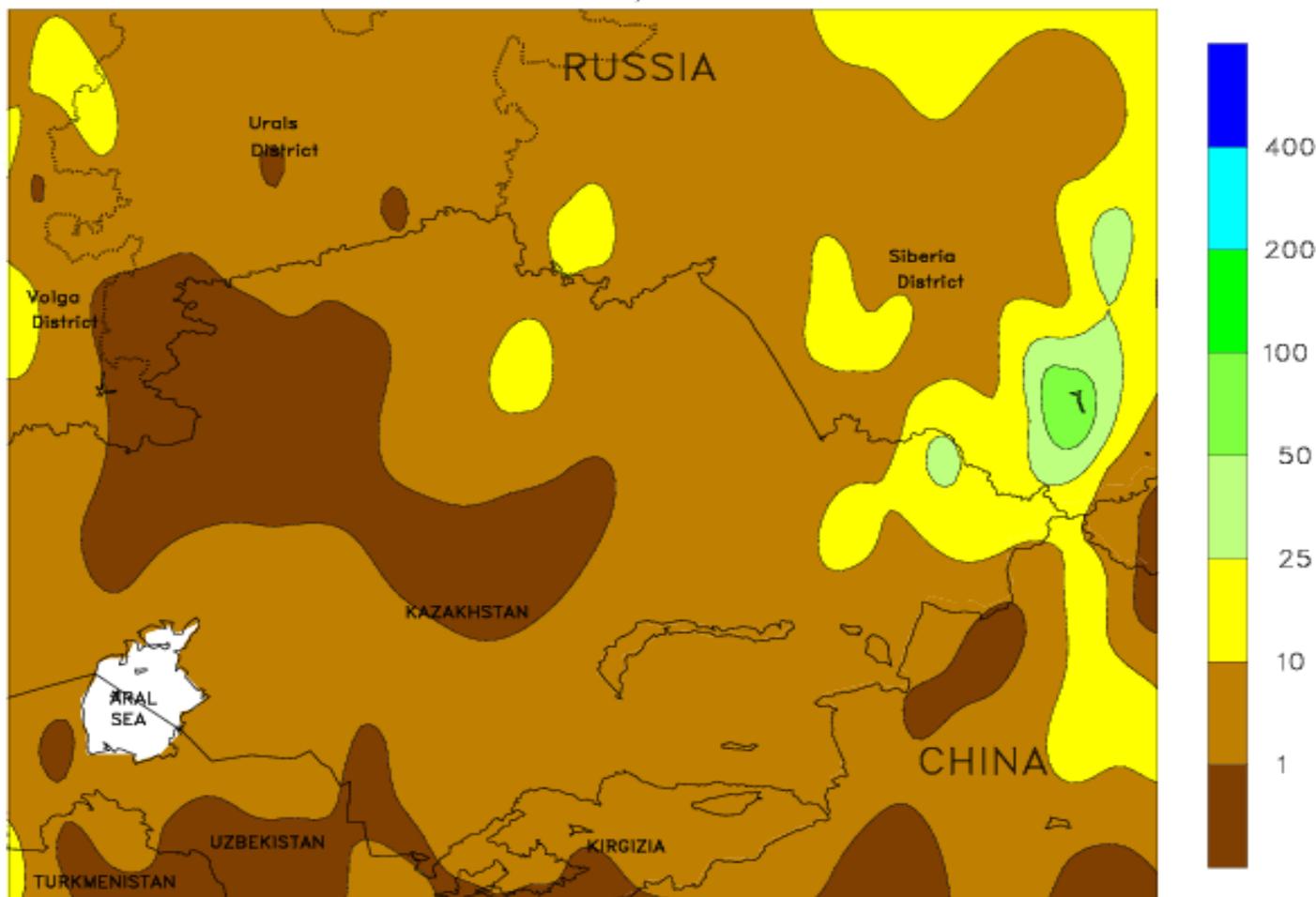


**FSU-WESTERN**

In August, small grain harvesting was well underway and planting of the 2010 winter grain crop began in northern areas. The driest August weather in at least the past 32 years was observed in Ukraine, limiting moisture for filling summer crops but aiding rapid small grain harvesting. Early-month showers in the Southern District in Russia stabilized conditions for filling summer crops. Occasional showers across northern Russia caused only

brief interruptions in fieldwork in the Central District and eased long-term dryness in the southern and eastern Volga District, boosting topsoil moisture for winter grain planting. Elsewhere, drier-than-normal conditions in Belarus favored winter grain planting and allowed small grain harvesting to reach completion by month's end. Monthly temperatures across the region averaged near to slightly below normal.

NEW LANDS FSU  
Total Precipitation (mm)  
SEP 13 - 19, 2009



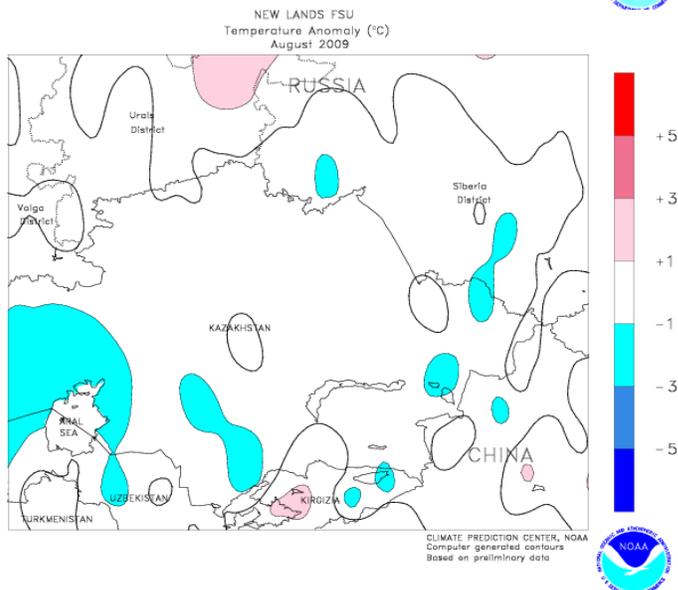
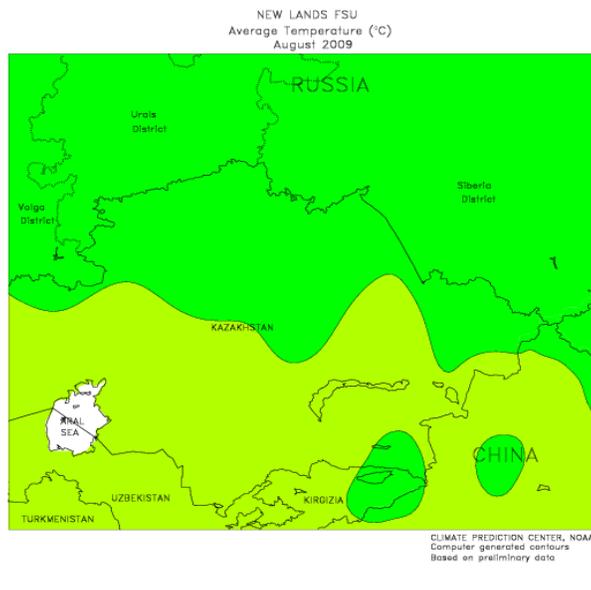
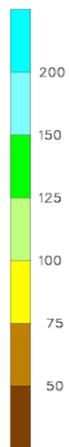
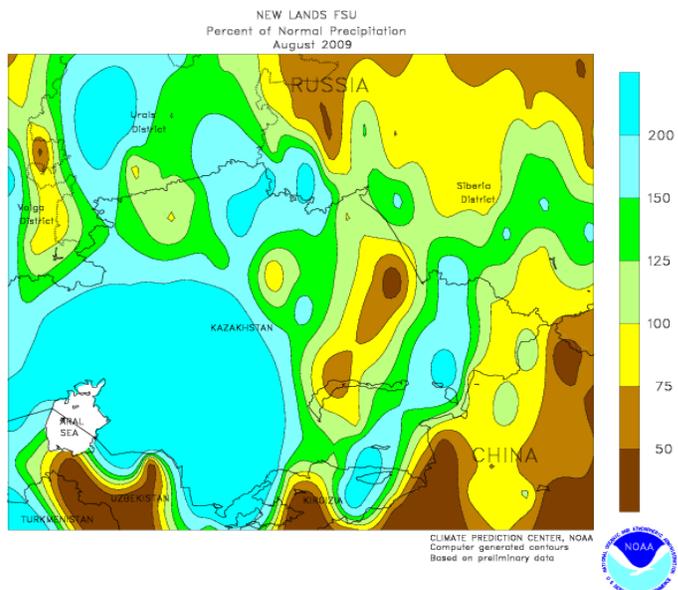
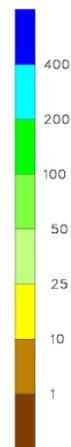
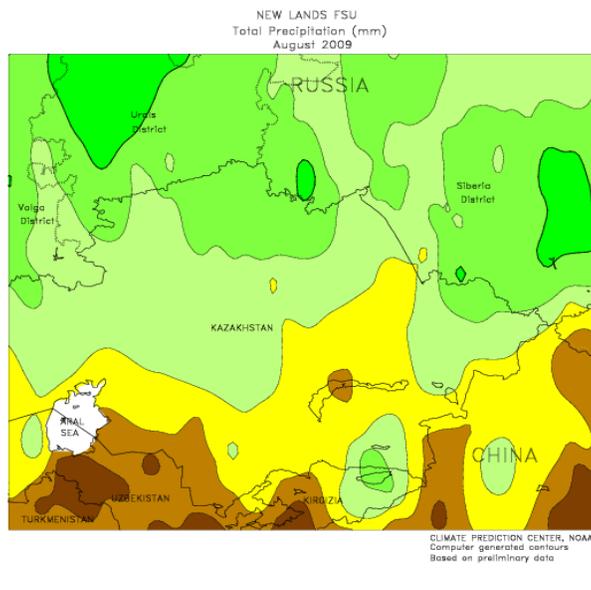
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



#### FSU-NEW LANDS

Generally dry weather prevailed throughout Kazakhstan and most of Russia, aiding spring grain harvesting. Significant precipitation (10-25 mm or more) was mostly confined to eastern crop areas in the Russian Siberia District. The precipitation fell during the middle of the week, causing some interruptions in harvest activities. Reports from Kazakhstan as of September 16 indicated that the grain crop was 55 percent harvested. Weekly temperatures averaged near to slightly

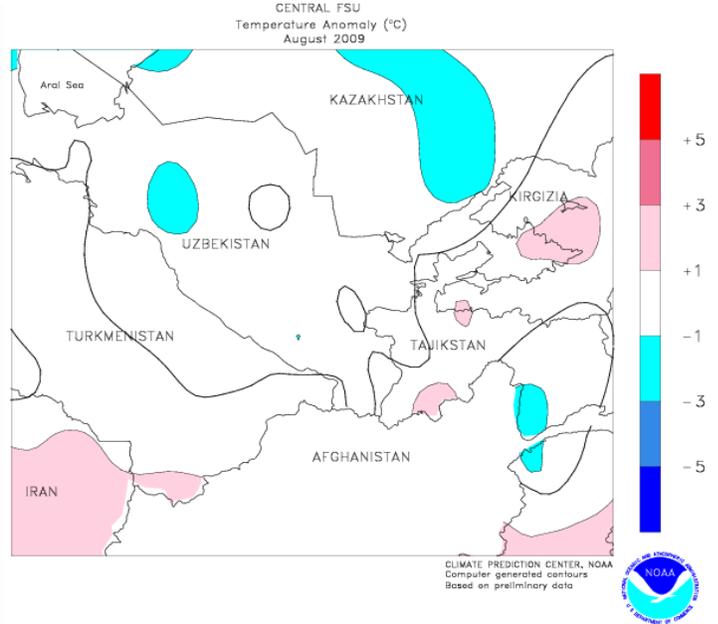
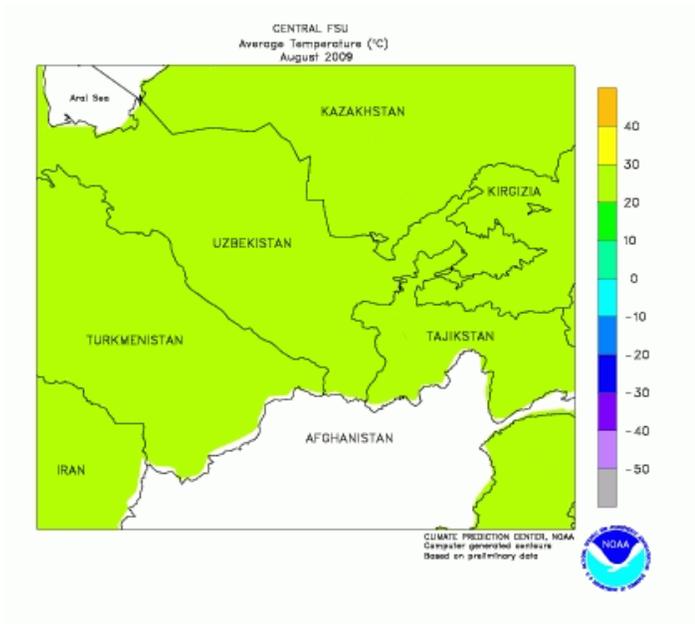
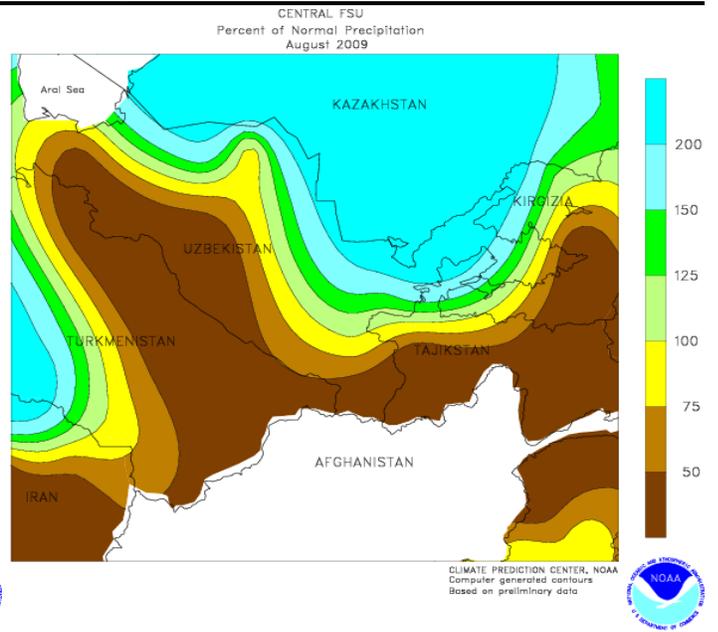
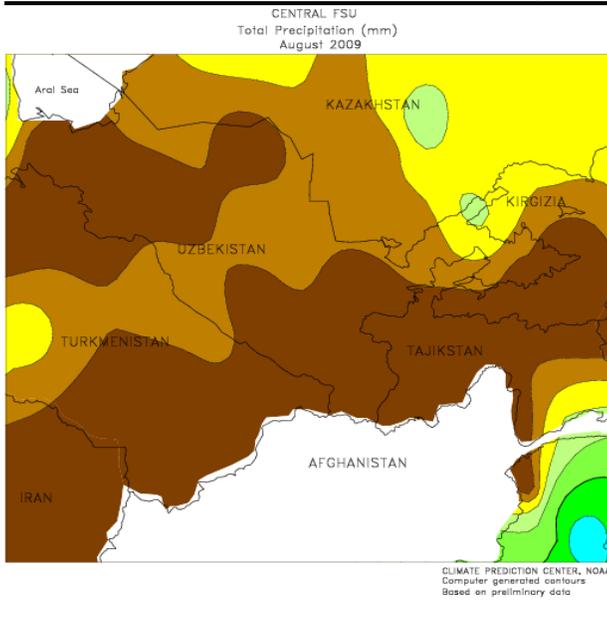
above normal in north-central Kazakhstan and the Russian Urals District and near to slightly below normal in eastern Kazakhstan and the Siberia District. At week's end, the first widespread freeze of the autumn season (-5 to 0 degrees C) was observed across most of Kazakhstan and Russia. In cotton-producing areas of Central Asia, unseasonably warm, dry weather favored boll maturation and early cotton harvesting.



FSU-NEW LANDS

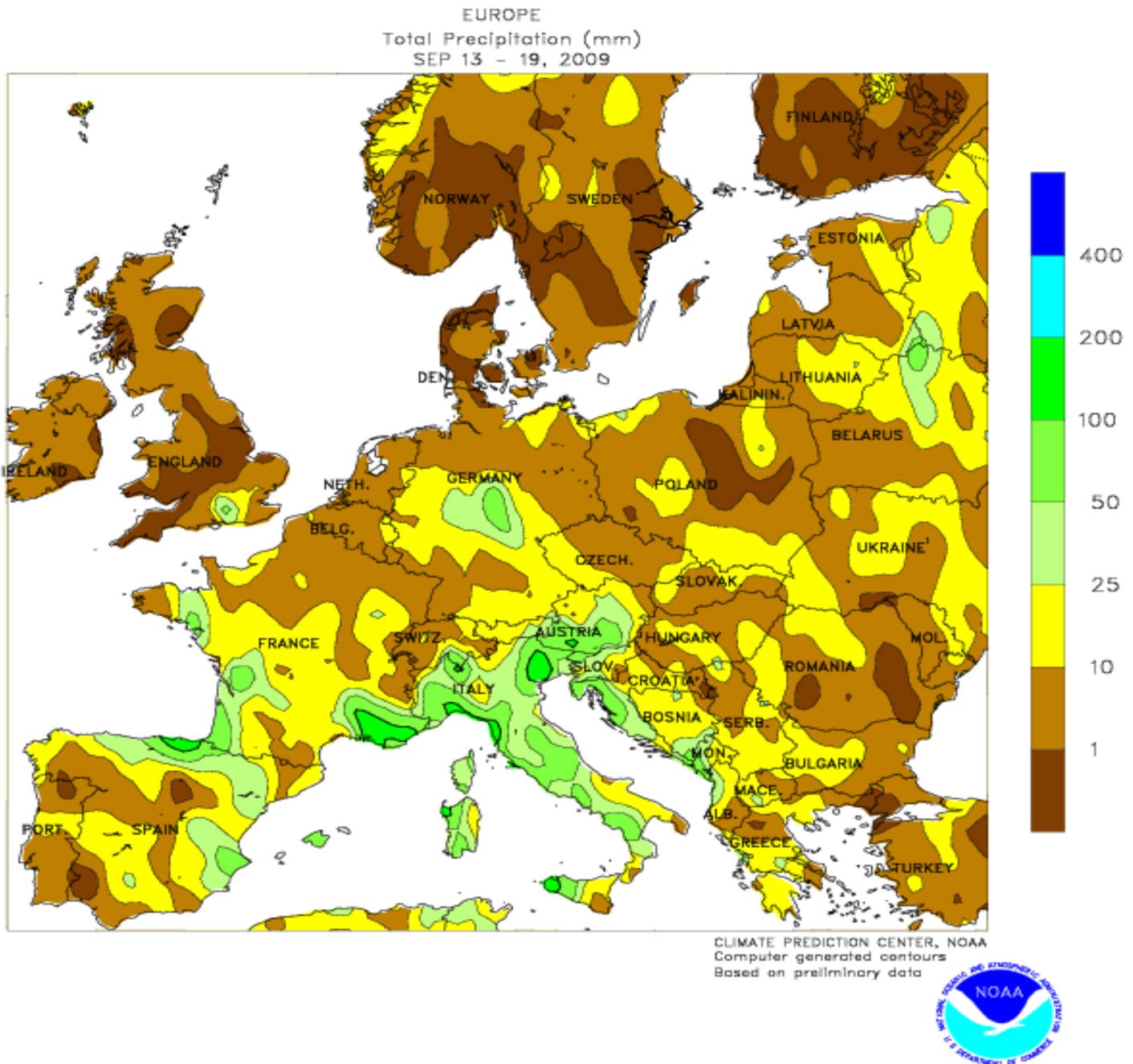
In August, frequent showers and unseasonably cold weather prevailed across Russia and Kazakhstan early in the month, favoring filling spring grains but slowing crop development. Although mid-month

warmth and dryness aided crop maturation and early harvesting, showers returned to Kazakhstan and the Siberia District in Russia at month's end, slowing harvest activities.



**FSU-CENTRAL**

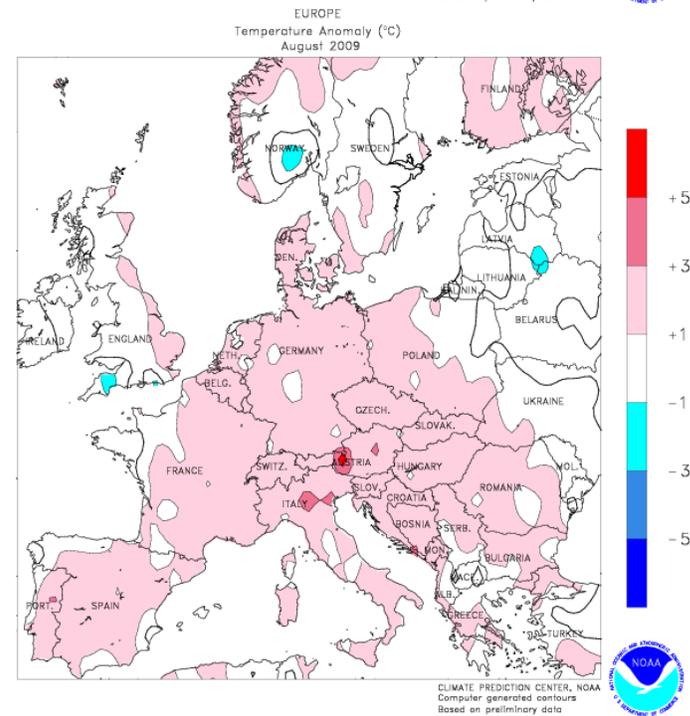
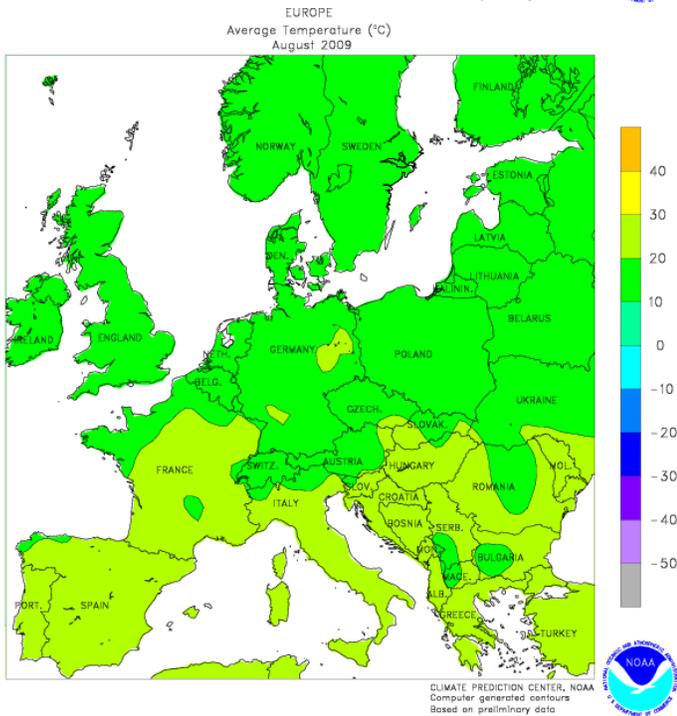
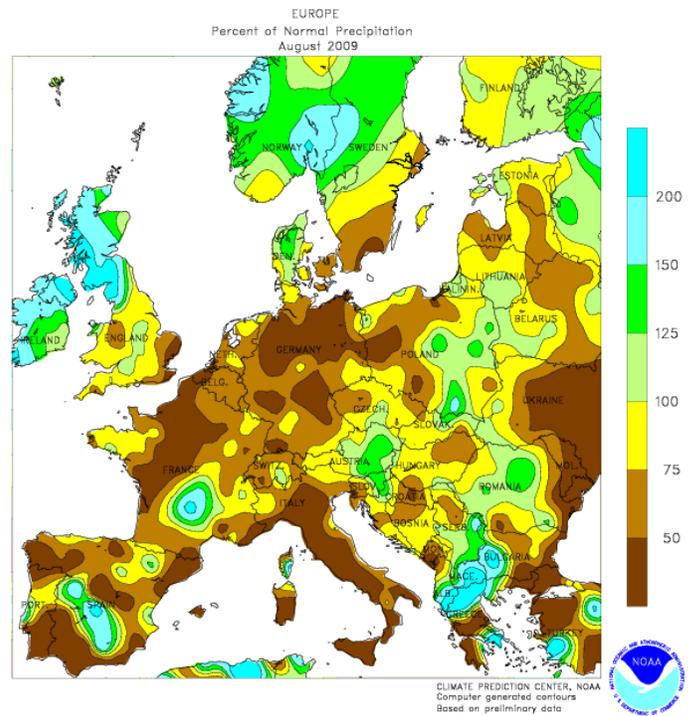
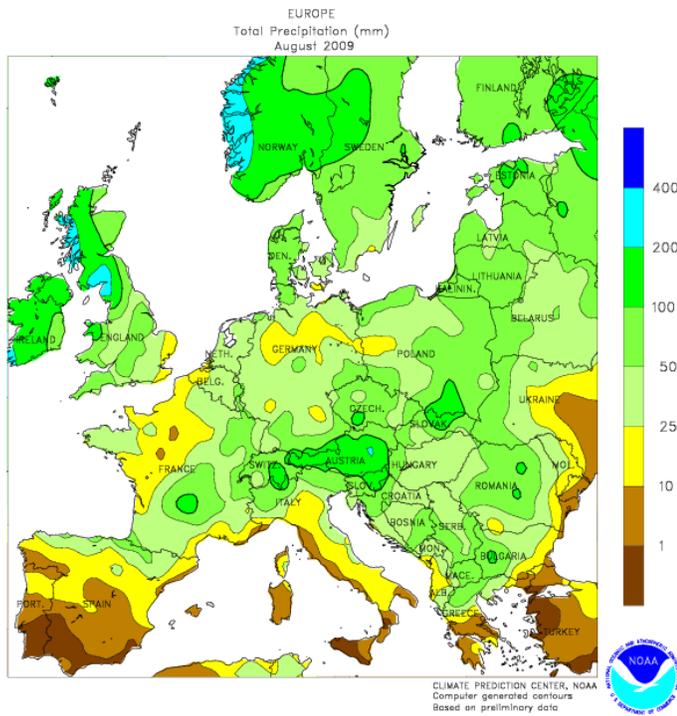
In August, monthly temperatures averaged near-normal throughout most cotton-producing areas, favoring crop development.



**EUROPE**

Showers returned to the continent, although pockets of dryness prevailed in eastern and northern Europe. A slow-moving, upper-air low generated widespread showers from Spain and France into western Poland and the Balkans. Rain was heaviest (25-140 mm) in eastern Spain, southwestern France, and northern Italy, hampering corn harvesting but improving soil moisture and irrigation reserves for winter grain planting. Locally heavy showers (25-55 mm) in central Germany also disrupted summer crop harvesting, but drier weather by week's end allowed fieldwork to resume. Rain

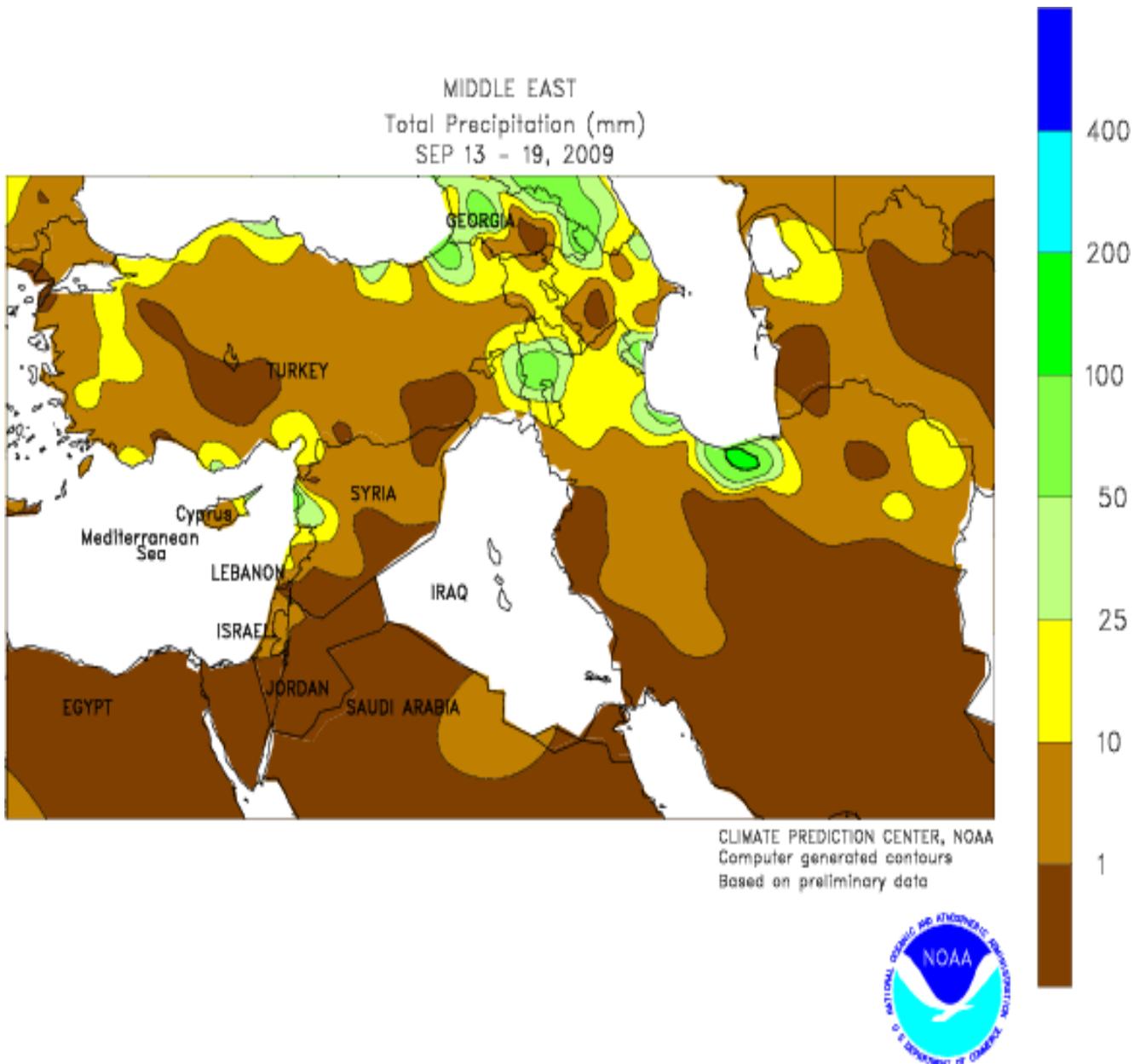
was lighter (less than 25 mm), albeit still beneficial, for winter crop planting and establishment in the western and northern Balkans. Mostly dry weather (less than 5 mm of rain) prevailed from central Poland into northern portions of Germany, France, and England, accelerating summer crop harvesting and winter grain planting. Unseasonably cool conditions (weekly average temperatures up to 8 degrees C below normal) on the Iberian Peninsula contrasted with warmer-than-normal conditions (up to 5 degrees above normal) in eastern Europe.



**EUROPE**

Across central and northern Europe, dry August weather promoted winter and spring grain harvesting following last month's rain-related fieldwork delays. However, the drier-than-normal conditions were unfavorable for filling summer crops and reduced topsoil moisture for planting the 2010

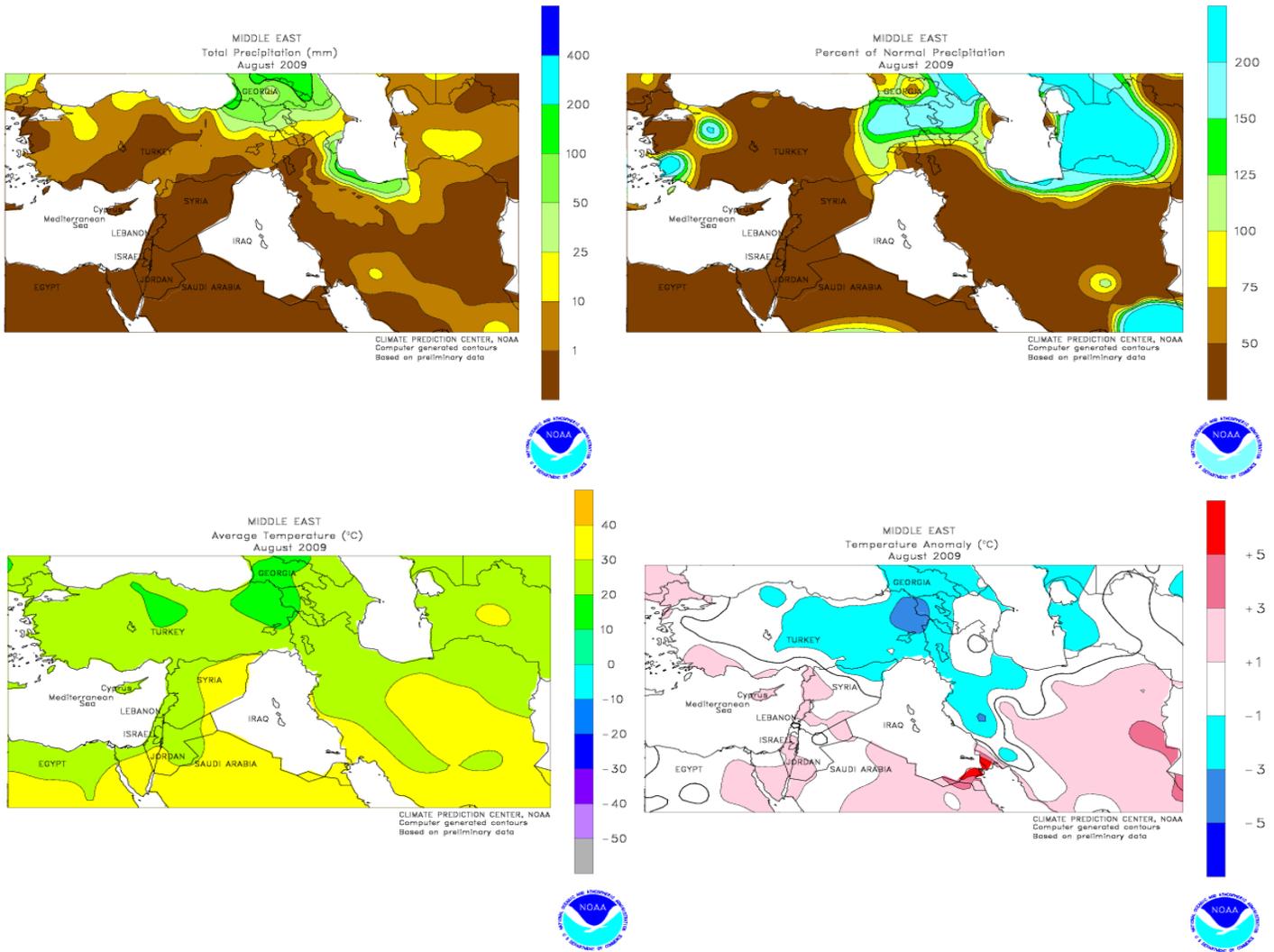
winter grain and oilseed crop. In contrast, showers eased dryness in southeastern Europe, improving yield prospects for late-filling corn and sunflowers. In Spain, mostly dry weather promoted summer crop maturation and harvesting but reduced irrigation reserves for winter grain planting.



**MIDDLE EAST**

Early-season rain in northern growing areas contrasted with seasonable dryness across the south. From Turkey into northwestern Iran, light to moderate showers (2-20 mm) slowed cotton harvesting but provided soil moisture for winter grain planting and establishment. Heavier

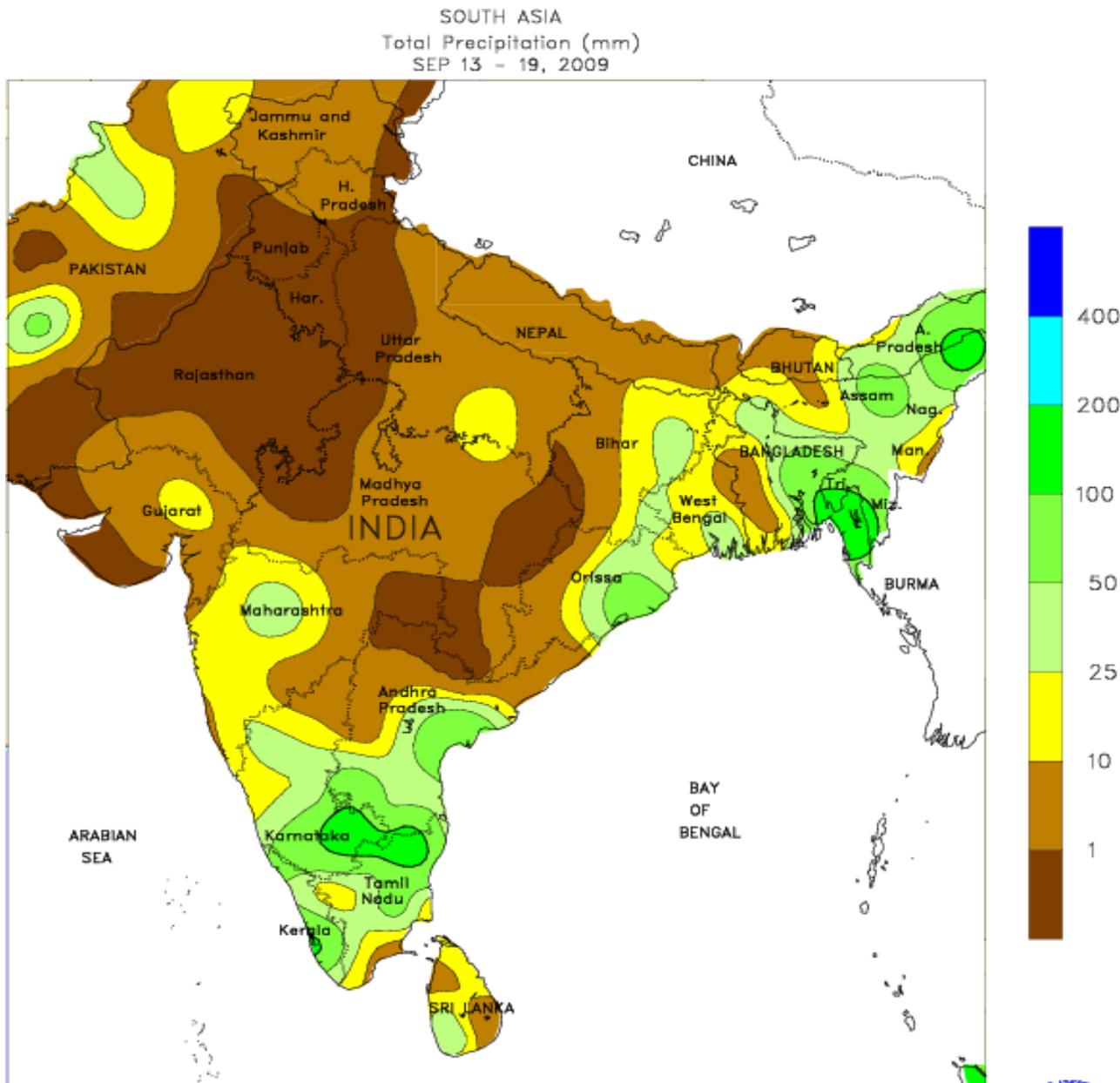
showers (10-65 mm) along the eastern Mediterranean coast were likewise beneficial for early winter crop establishment. In contrast, seasonably dry weather continued across southern crop areas, where early winter wheat planting is underway.



**MIDDLE EAST**

Dry August weather reduced soil moisture reserves for upcoming winter grain planting but favored cotton maturation and early harvesting. However, heavy rain in early September caused flooding in western Turkey and was

detrimental to unharvested open-boll cotton. Temperatures averaged near to below normal, with the hottest conditions (highs greater than 40 degrees C) confined to the southern half of the region.



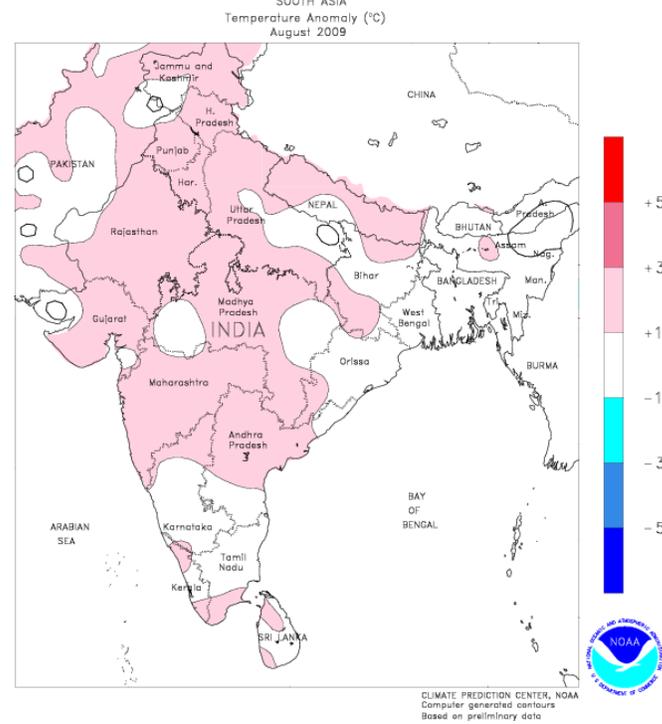
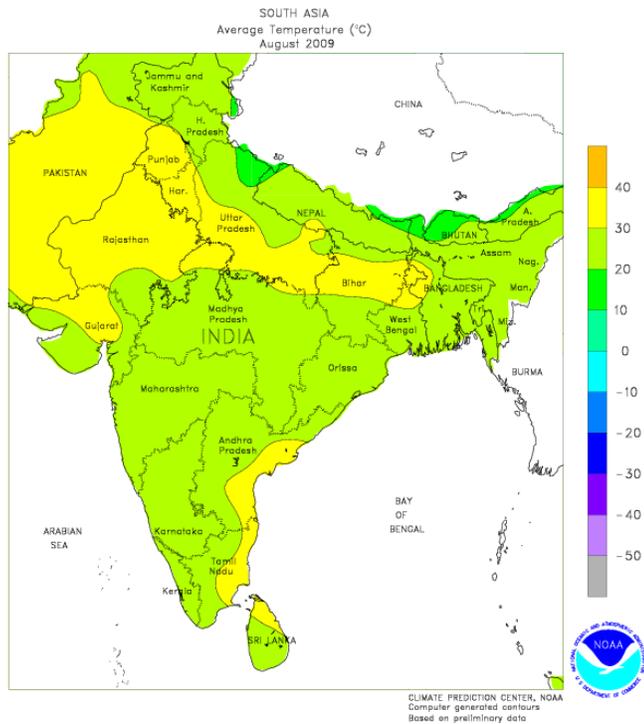
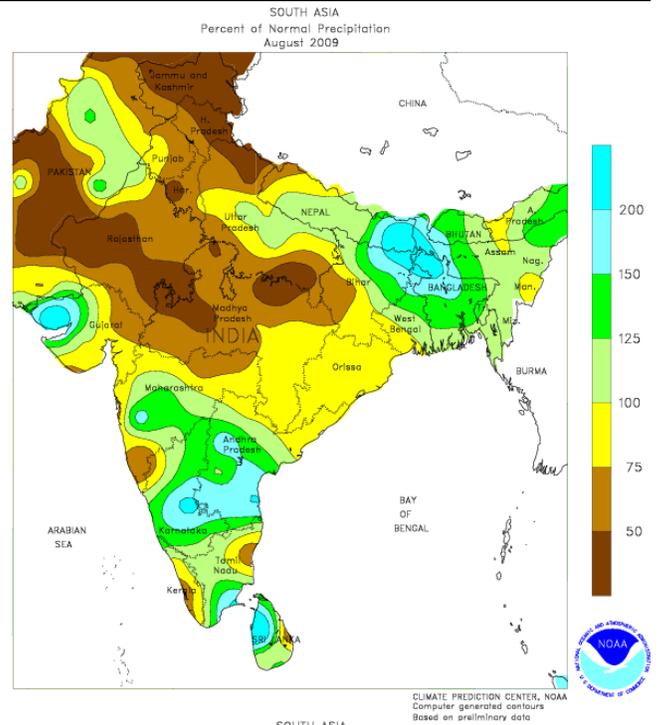
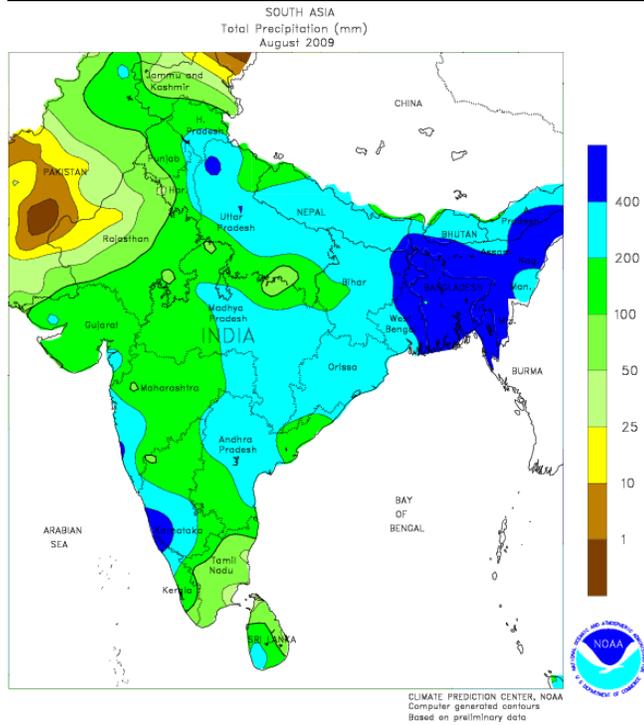
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Computer generated contours  
Based on preliminary data



**SOUTH ASIA**

Dry weather over central and northern India contrasted with wet conditions over southern and eastern growing districts. Strong westerly winds aloft (15,000 feet and above) across the northern half of the subcontinent likely signaled the withdrawal of the monsoon from northern and central India; if true, the withdrawal would be up to a month earlier than the long-term average. Consequently, the resultant drier-than-normal conditions were untimely for reproductive to filling summer crops (corn, soybeans, and groundnuts) in Madhya Pradesh, Gujarat, and Rajasthan; farther east, recent heavy rain

in sugarcane and cotton areas of Uttar Pradesh, Punjab, and Haryana mitigated the impacts of this past week's dryness. Meanwhile, monsoon showers (25-165 mm) in southern and eastern India as well as eastern Bangladesh maintained soil moisture for rice. Scattered light showers (5-25 mm) in Maharashtra were favorable for cotton, although this region was now located on the northernmost edge of the monsoon. In Pakistan, a strong upper-air disturbance triggered showers (10-50 mm) to the west and north of the major agricultural areas, providing additional recharge to rivers and reservoirs.

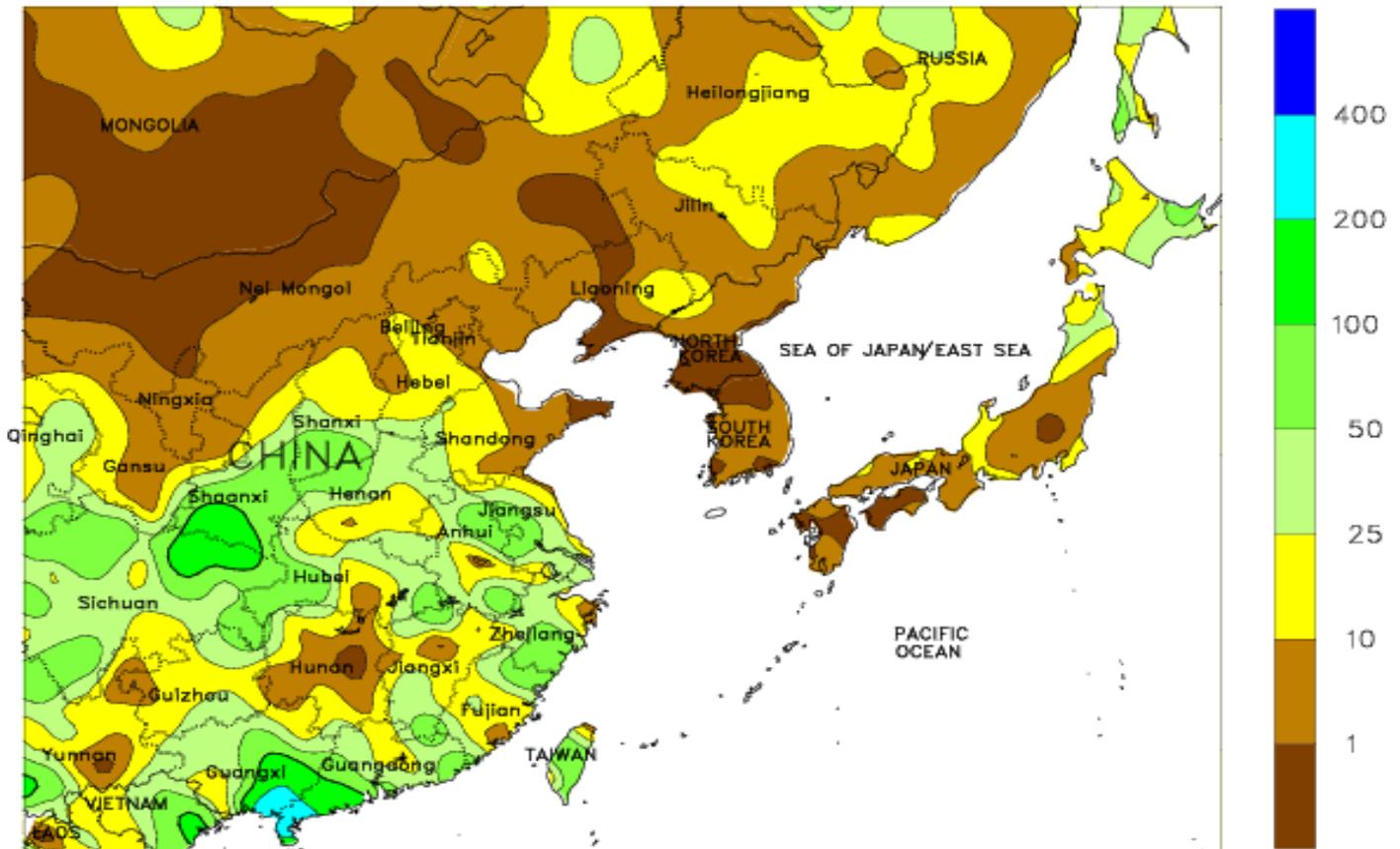


**SOUTH ASIA**

In August, near- to above-normal rainfall across India's rice areas stabilized crop prospects. In contrast, untimely heat and dryness adversely impacted central and western India's cotton and soybeans, although rain returned by month's end.

Showers favored cotton development in southern India. Elsewhere, drier-than-normal weather in Pakistan maintained high irrigation demands for summer crops, while heavy rain in Bangladesh was beneficial for rice.

EASTERN ASIA  
Total Precipitation (mm)  
SEP 13 - 19, 2009



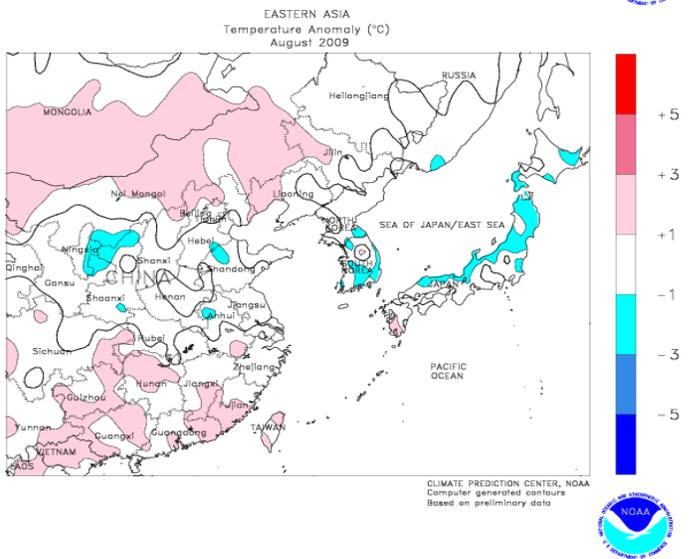
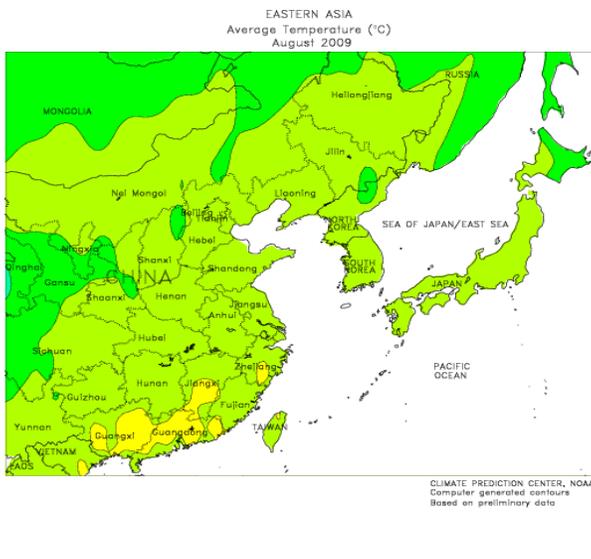
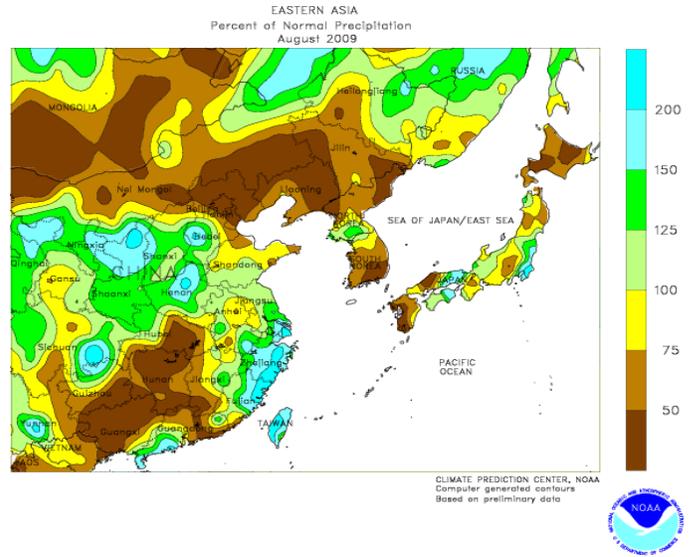
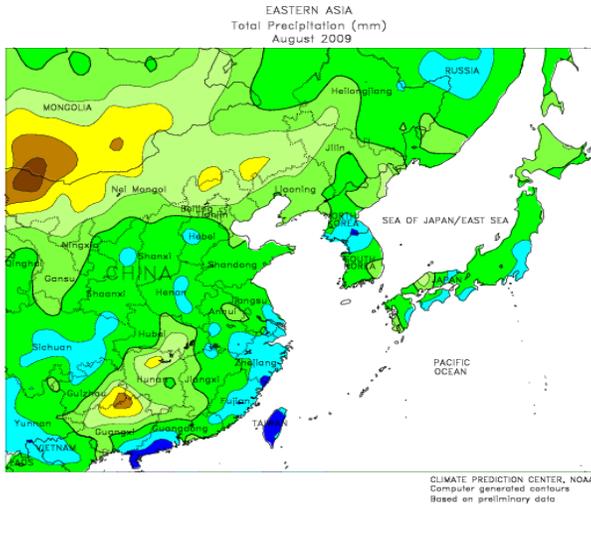
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Computer generated contours  
Based on preliminary data



**EAST ASIA**

Early-week dry weather gave way to showers as a cold front moved through eastern China. In Manchuria, 1 to 25 mm of rainfall late in the week kept topsoil moistened, while providing modest improvements to subsoil moisture. Rainfall deficits have persisted in Jilin and Liaoning since late-July despite recent light showers. Soybeans were mostly mature in Manchuria, while corn could still benefit from additional rainfall. Additionally, temperatures dipped below freezing in outlying farm areas of Heilongjiang. While freezing temperatures are typical at this time of year, warmer weather would still be welcomed to maintain current yield prospects of corn. In the remainder of the

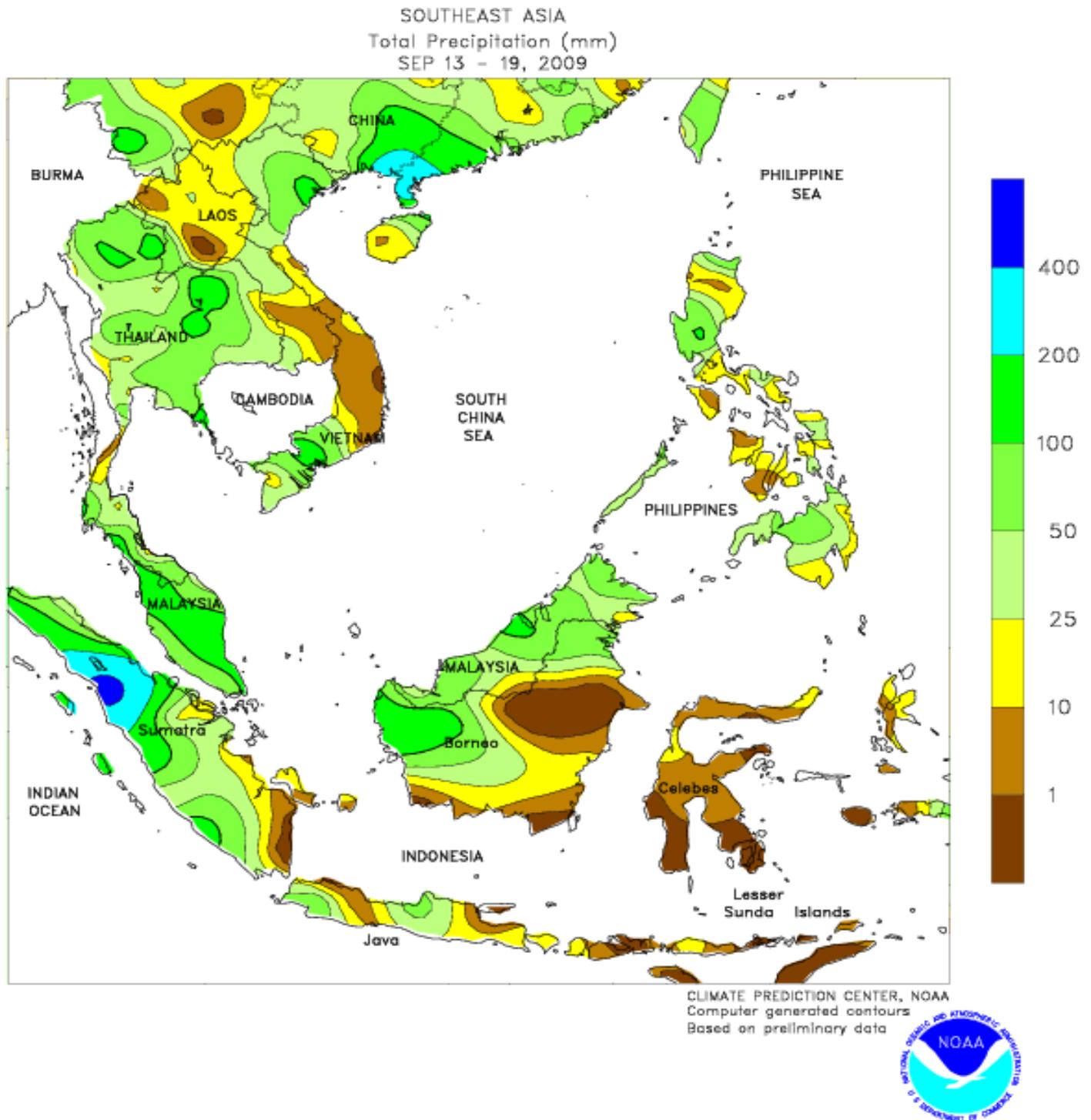
summer growing areas, dry weather through most of the week aided harvesting, with minor delays by week's end due to 10 to locally 100 mm of rain. Light to moderate showers (1-25 mm) eased dryness in the main rice growing provinces of southern China, where late-crop rice was ripening. Meanwhile, Typhoon Koppu made landfall in Guangdong province with 70 knot winds and over 100 mm of rainfall. The combination of wind and rain likely caused localized damage to sugarcane in southwestern Guangdong and southeastern Guangxi. Elsewhere in the region, seasonably dry weather prevailed in Japan and on the Korean Peninsula.



**EAST ASIA**

Dryness continued during the first half of August across much of Manchuria. The lack of significant rain for corn during the moisture-critical reproductive phase of development reduced yield prospects. Rainfall, however, increased in the latter half of the month, easing short-term dryness in key corn producing areas of Jilin and Liaoning. Periodic heavy showers on the

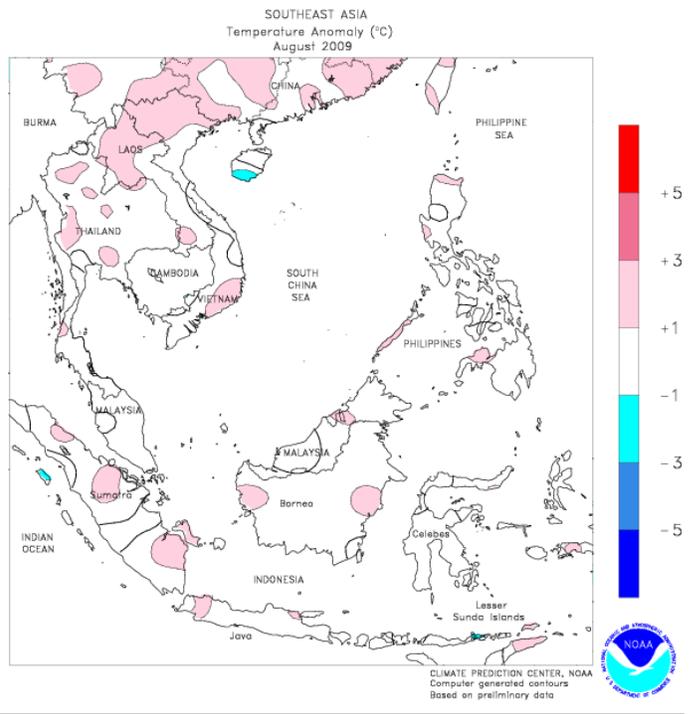
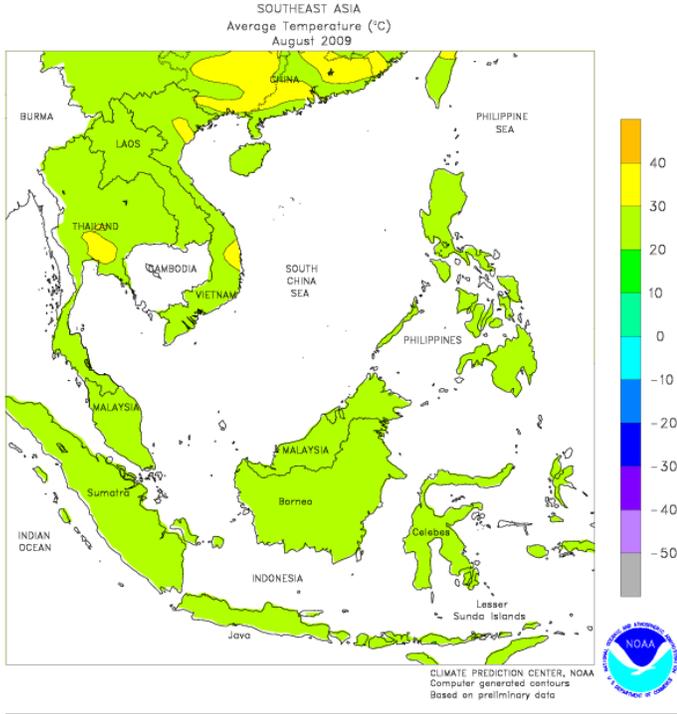
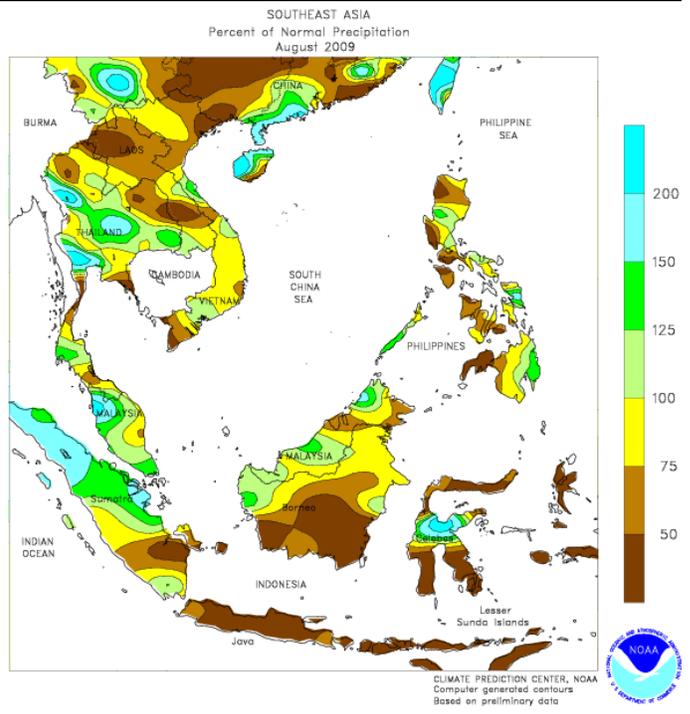
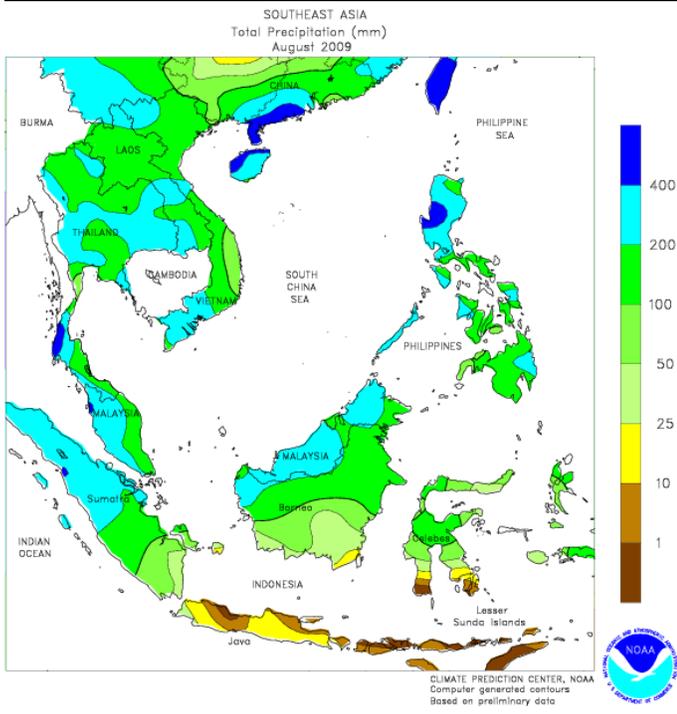
North China Plain produced unfavorable wetness for maturing summer crops, especially open cotton bolls. Unseasonably dry weather persisted in the southern rice bowl of China, benefiting single-crop rice harvesting but limiting soil moisture for late-crop rice. Two tropical cyclones made landfall in southern China, bringing flooding rains to coastal areas.



#### SOUTHEAST ASIA

Rainfall increased across Indochina and oil palm areas of Malaysia and Indonesia. After a minor lull last week, 25 to locally over 100 mm of rain increased soil moisture for reproductive rice in Thailand. Similar rainfall amounts (25-100 mm) benefited vegetative winter rice in Vietnam. Unseasonably dry weather (less than 25 mm) prevailed in the Philippines, easing wetness in Luzon and favoring maturing

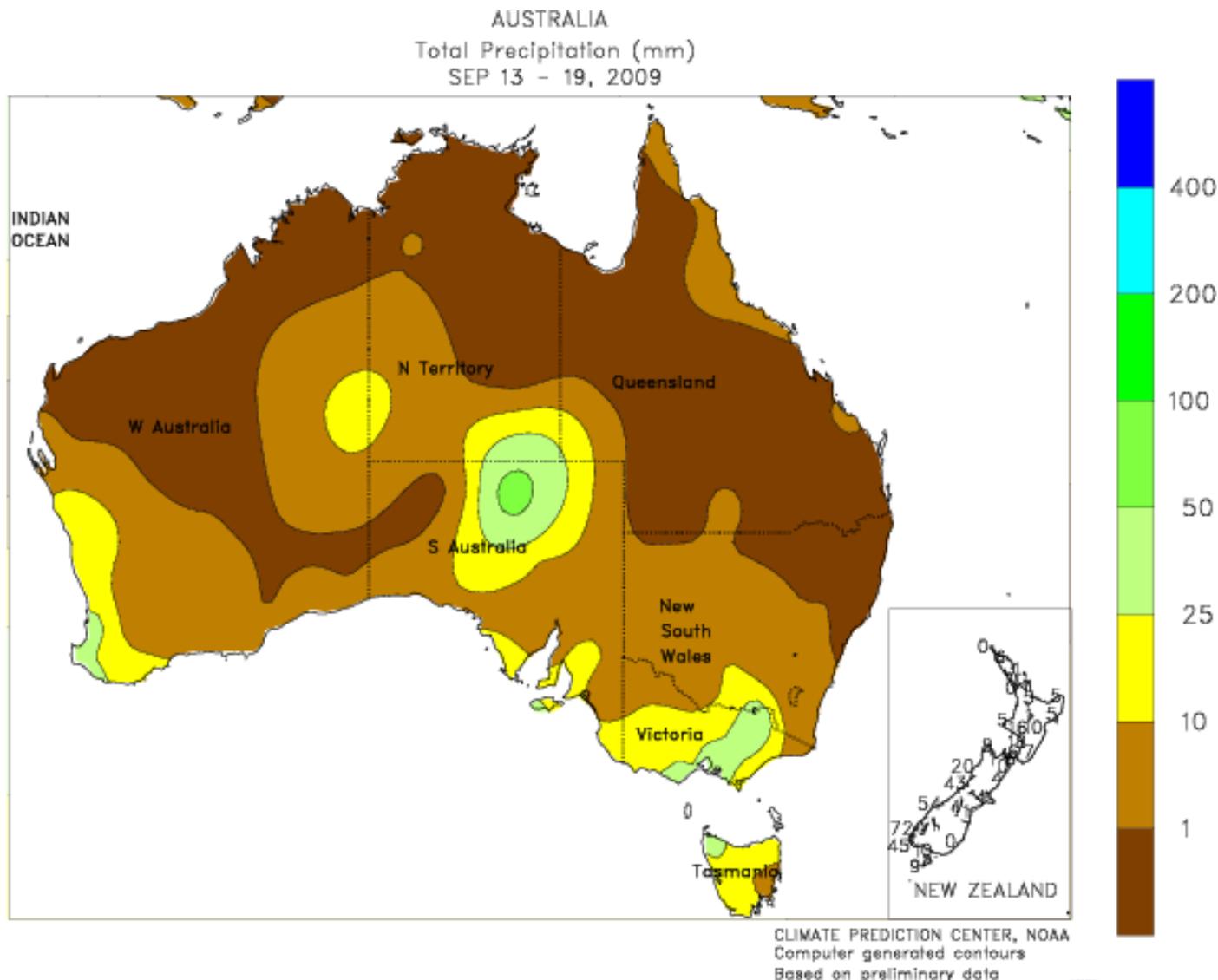
summer crops throughout the country. The axis of the Intertropical Convergence Zone (ITCZ) approached the Equator, spawning increased shower activity in Indonesia, especially Java. Meanwhile, across oil palm areas of Malaysia and Indonesia, 25 to over 200 mm of rain boosted soil moisture and was most favorable in western Kalimantan where persistent dryness has occurred.



**SOUTHEAST ASIA**

Seasonably heavy showers prevailed across much of the region as the Intertropical Convergence Zone (ITCZ) progressed southward. The rainfall benefited summer rice and corn in Thailand as well as newly transplanted winter rice in Vietnam. In the Philippines, torrential showers renewed flooding in

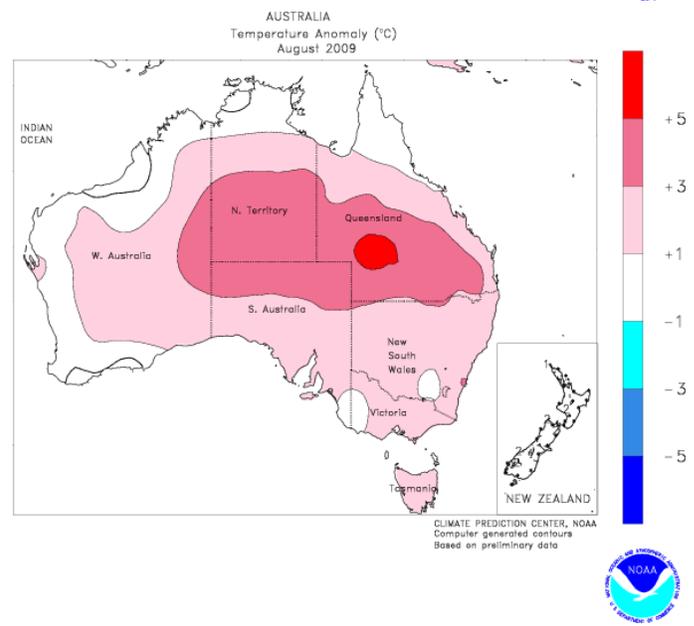
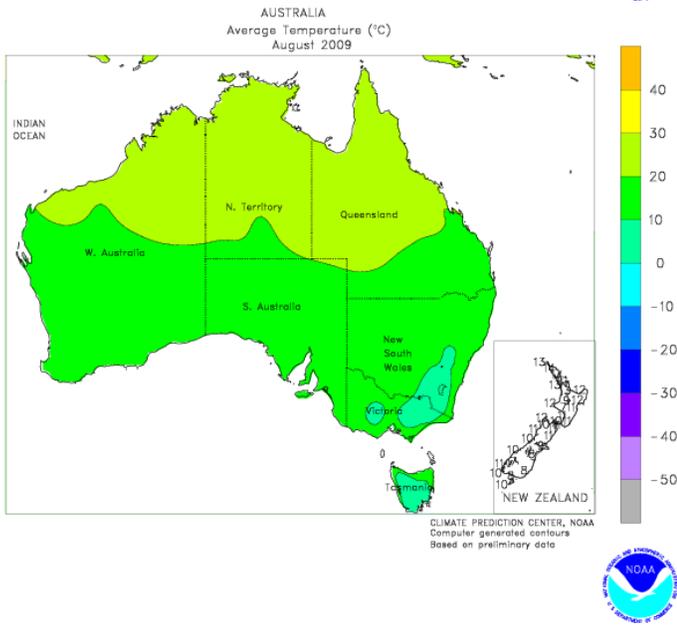
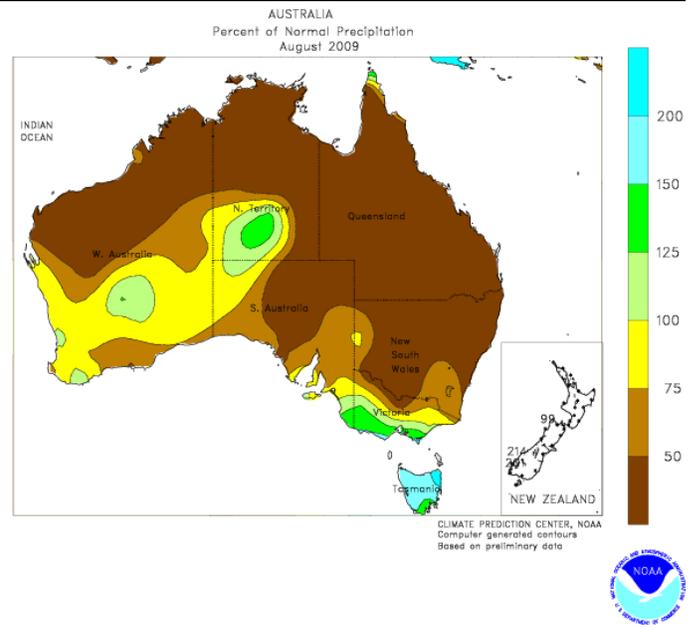
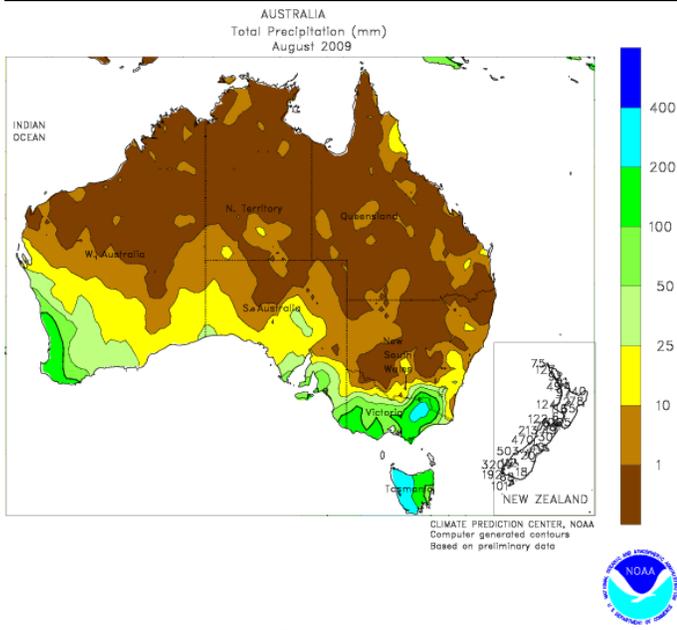
Luzon, while more seasonable amounts favored rice and corn in the Visayas and Mindanao. In oil palm areas of Indonesia and Malaysia, increased rainfall provided a much-needed boost to soil moisture after a period of prolonged below-normal rainfall.



**AUSTRALIA**

Hot, dry weather increased net evaporative losses in Queensland and northern New South Wales, likely causing further reductions in the yield potential of filling winter wheat. In contrast, widespread showers (3-15 mm or more) in southeastern Australia maintained generally adequate moisture supplies for winter grains and oilseeds. Farther west, scattered showers (3-15 mm) in

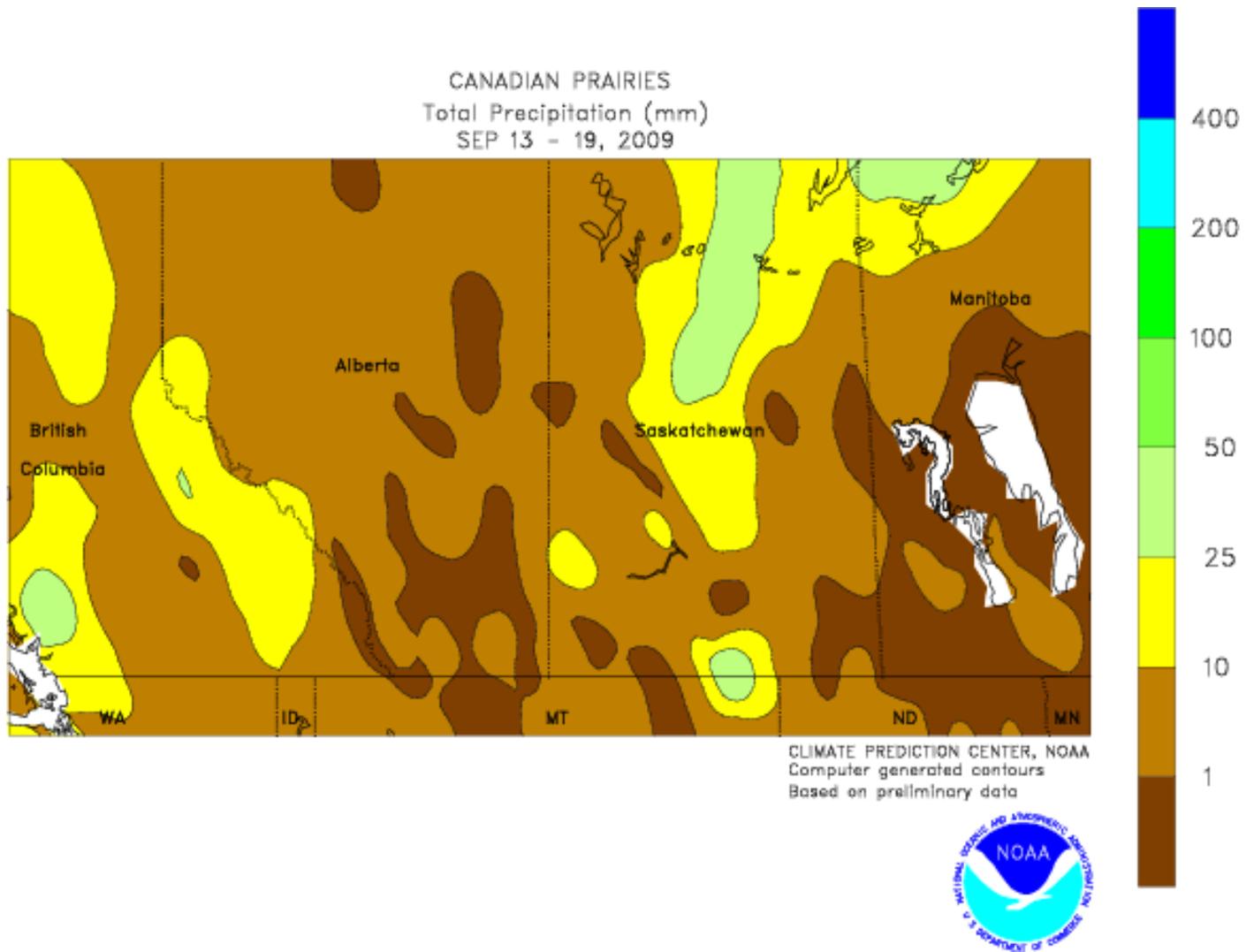
the Western Australia wheat belt aided development of reproductive winter grains. Temperatures in Western Australia averaged 1 to 2 degrees C below normal. Temperatures in South Australia and Victoria averaged 1 to 3 degrees C above normal, while in New South Wales and Queensland temperatures averaged 3 to 5 degrees C above normal.



**AUSTRALIA**

In August, persistently dry, increasingly hot weather in Queensland and northern New South Wales stressed winter wheat as it advanced through the jointing and early reproductive stages of development. In contrast,

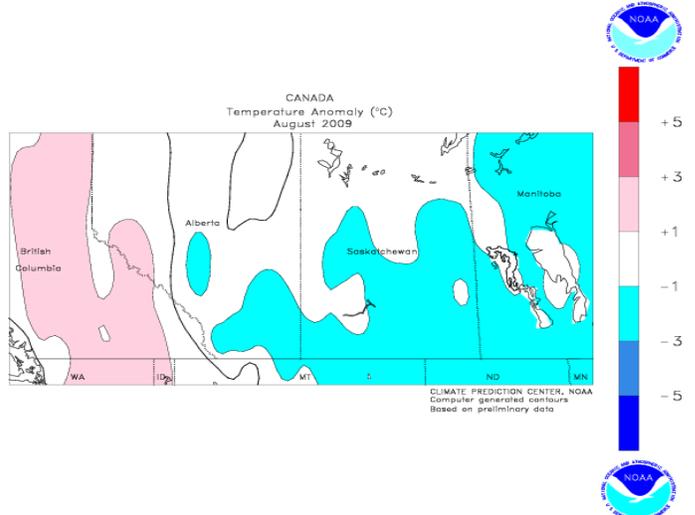
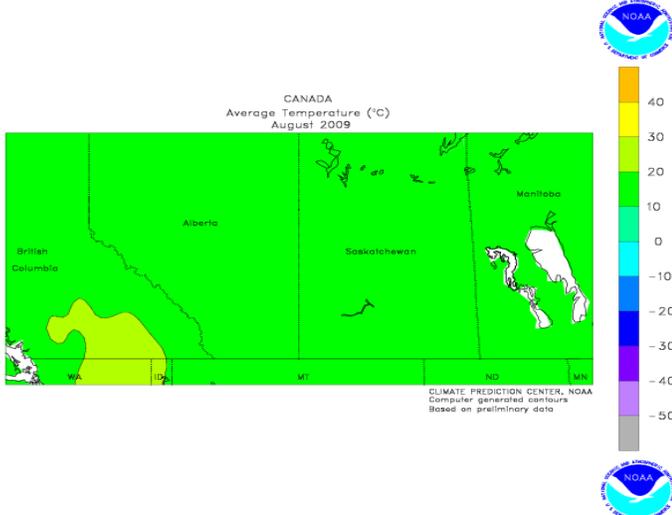
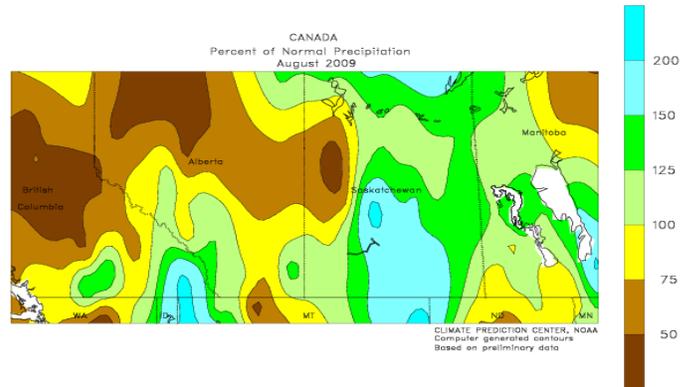
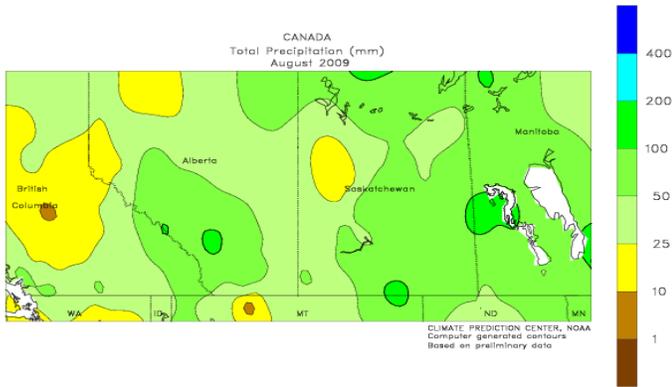
near-normal rainfall and seasonably mild weather in southeastern and western Australia maintained generally favorable conditions for winter grains and oilseeds.



**CANADIAN PRAIRIES**

Unseasonably warm weather benefited late-maturing spring grains and oilseeds. Temperatures averaged 7 to 8 degrees C above normal in Saskatchewan and Manitoba and 5 to 6 degrees C above normal in most of Alberta; highs reached the lower and middle 30s degrees C in nearly all Prairie agricultural districts. A

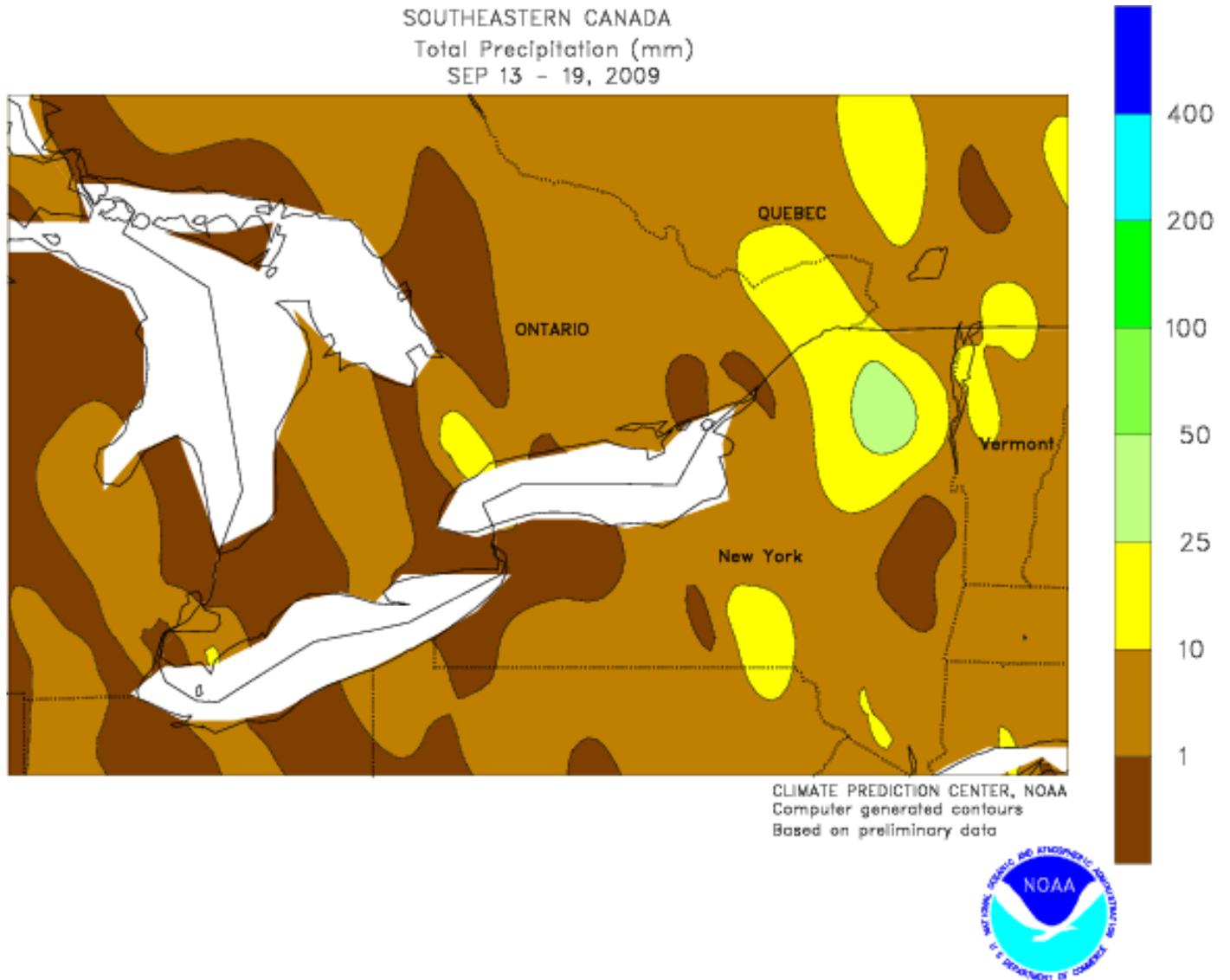
generally dry weather pattern accompanied the warmth, although light to moderate rain (5-25 mm) developed over central Saskatchewan early in the week, causing some harvest delays. Except for a few locations in Alberta, Prairie farming areas have yet to receive a season ending freeze.



**CANADIAN PRAIRIES**

Unseasonably cool weather prevailed for much of the month of August, maintaining lower-than-expected rates of spring crop development. Early-month showers increased moisture for late development of spring grains and oilseeds, as well as pastures, but

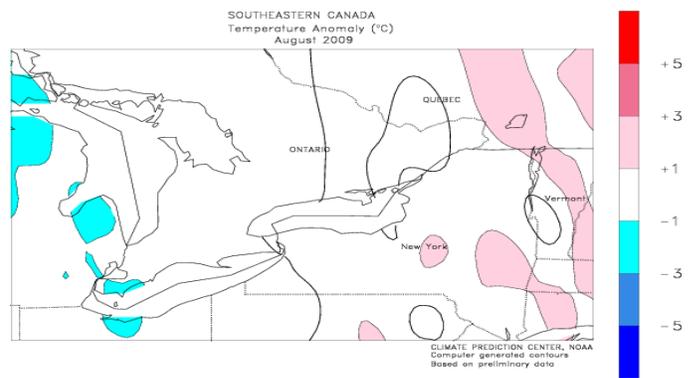
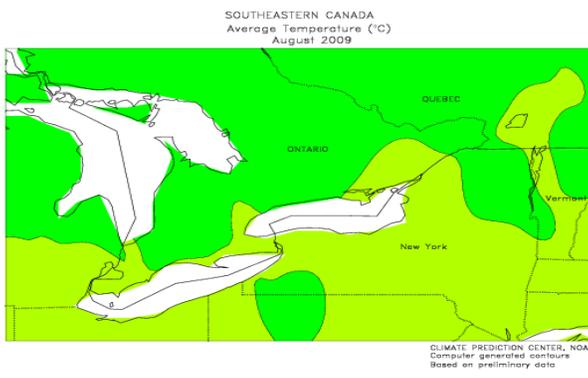
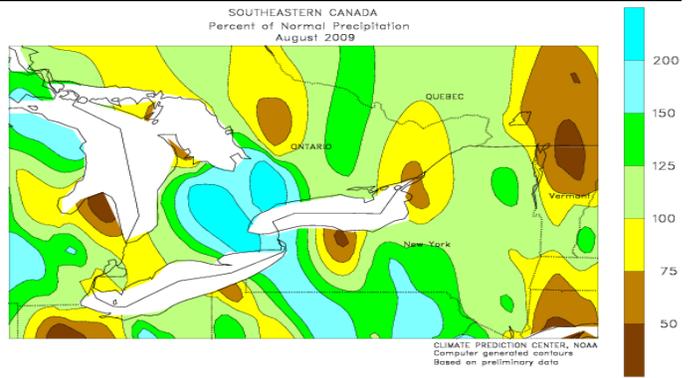
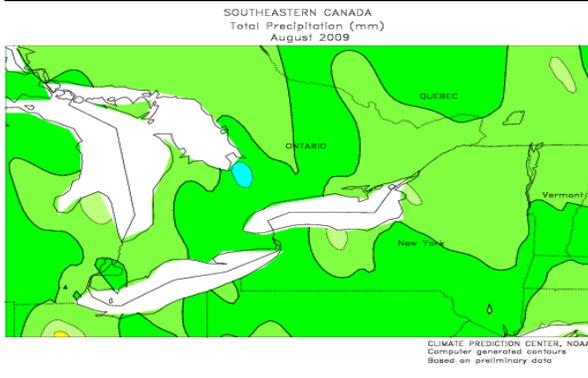
hampered fieldwork. By month's end, a much-needed period of warmth and dryness began across the region, aiding maturation and dry down and spurring harvesting of winter wheat and early-planted spring crops.



**SOUTHEASTERN CANADA**

Mostly dry, albeit cool weather prevailed, allowing seasonal fieldwork but keeping many crops behind in development. Temperatures averaged up to 2 degrees C below normal, with patchy frost likely in some of

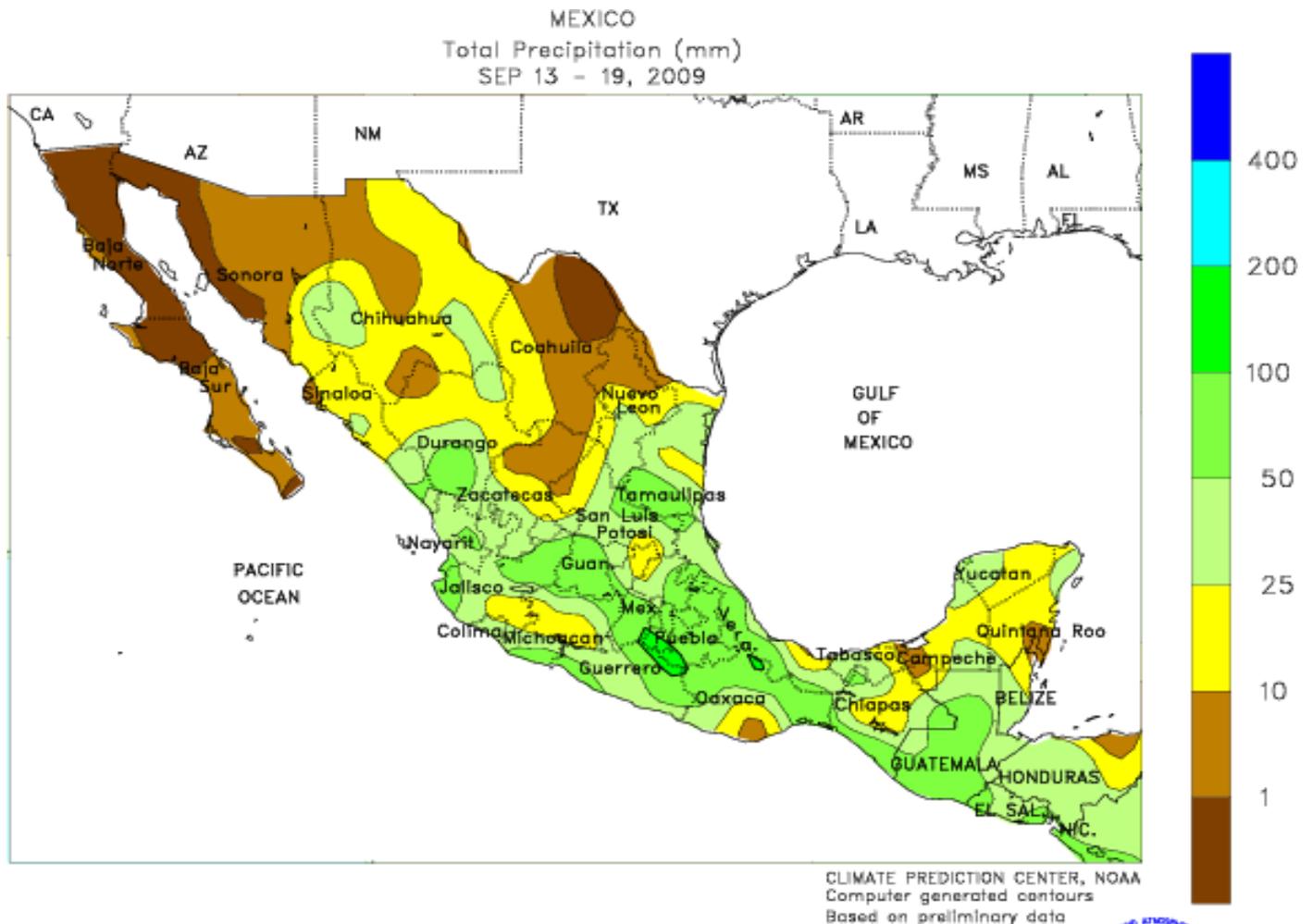
the more northerly growing areas of Ontario and Quebec. Highs ranged from the lower 20s degrees C in Quebec to the middle 20s degrees C in the lake districts of Ontario.



**SOUTHEASTERN CANADA**

In August, near- to above-normal rainfall maintained overall favorable moisture levels for reproductive to filling summer crops and pastures, although delays in haying were likely. Monthly temperatures averaged close to normal, mainly due to

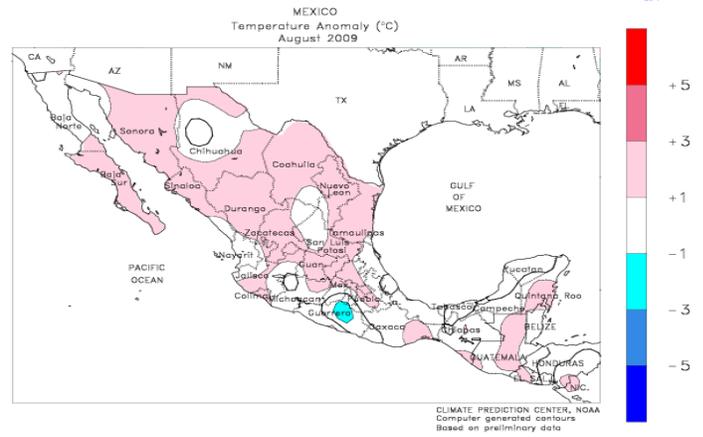
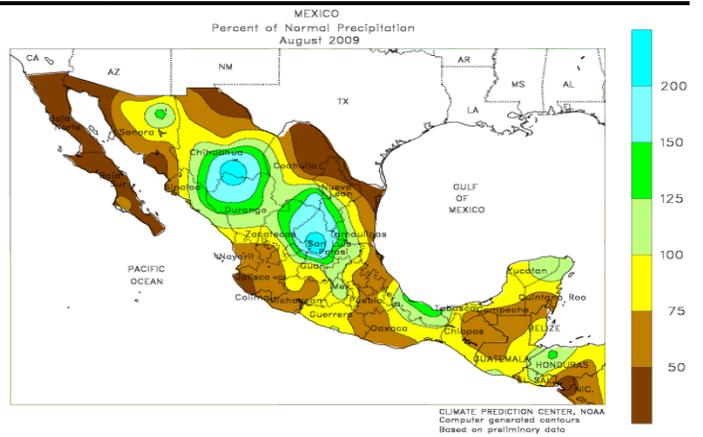
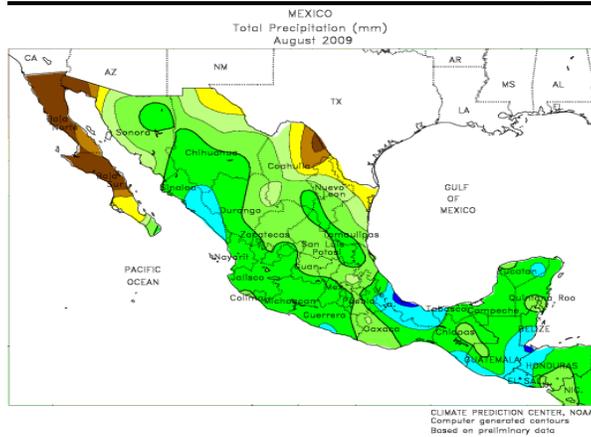
several weeks of warmth in mid-August that ended an extended period of unseasonably cool weather. Below-normal temperatures returned by month's end, but lows stayed well above freezing in most agricultural districts.



**MEXICO**

Beneficial rain continued across the southern plateau, although amounts were lower than those recorded last week. Western sections of the corn belt, including Jalisco, reported rainfall of 10 to 25 mm; rainfall was heavier (25-50 mm or more) in central and eastern areas. In contrast,

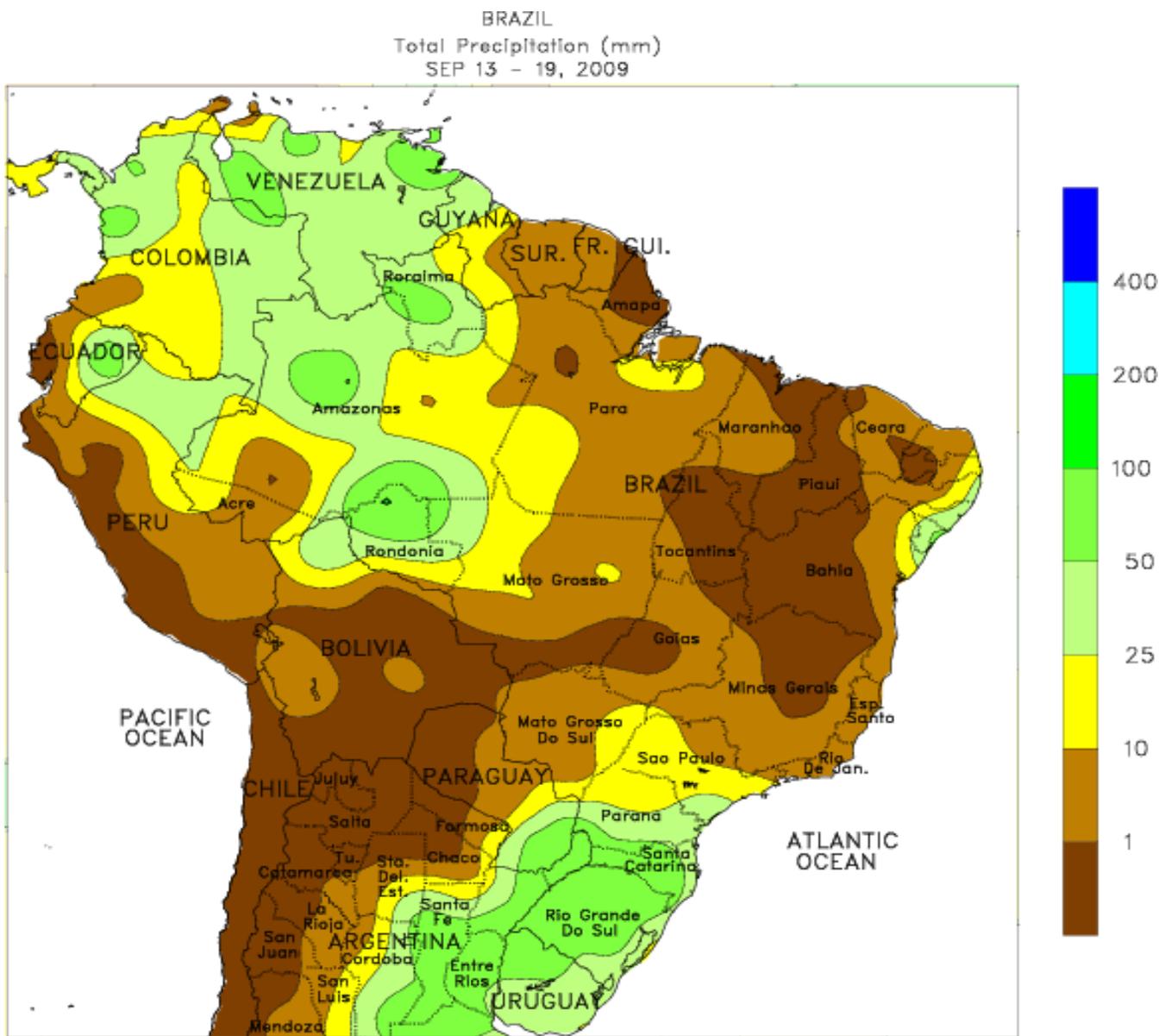
unseasonable heat and dryness (highs approaching 40 degrees C) returned to the northeast, increasing losses through evapotranspiration and affecting livestock. Rainfall also continued to taper off in the northwest as the end of the monsoon season approaches.



**MEXICO**

During August, sporadic showers resulted in below-normal rainfall over a broad section of the south, including much of the southern plateau, limiting moisture for reproductive to filling corn and other rain-fed summer crops. By month's end, however, seasonably heavy rain had returned to the vicinity of southern

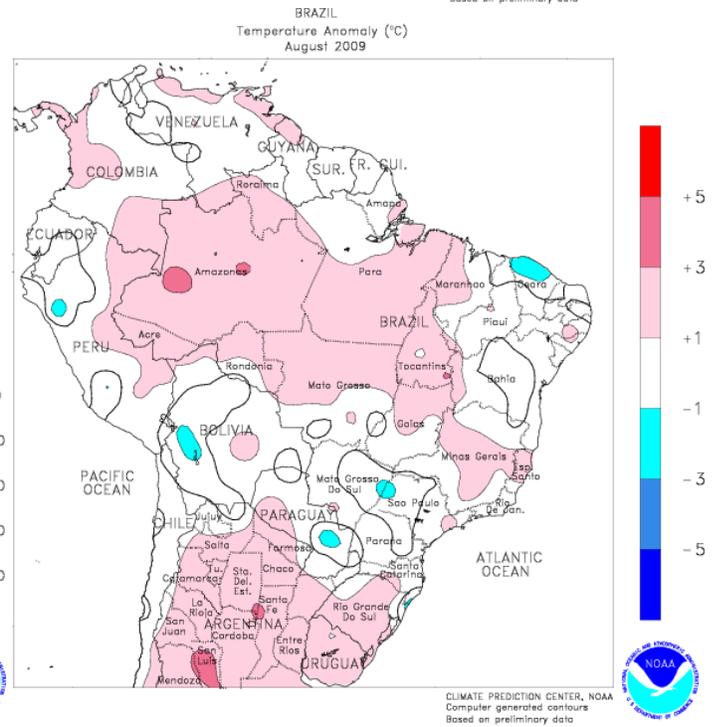
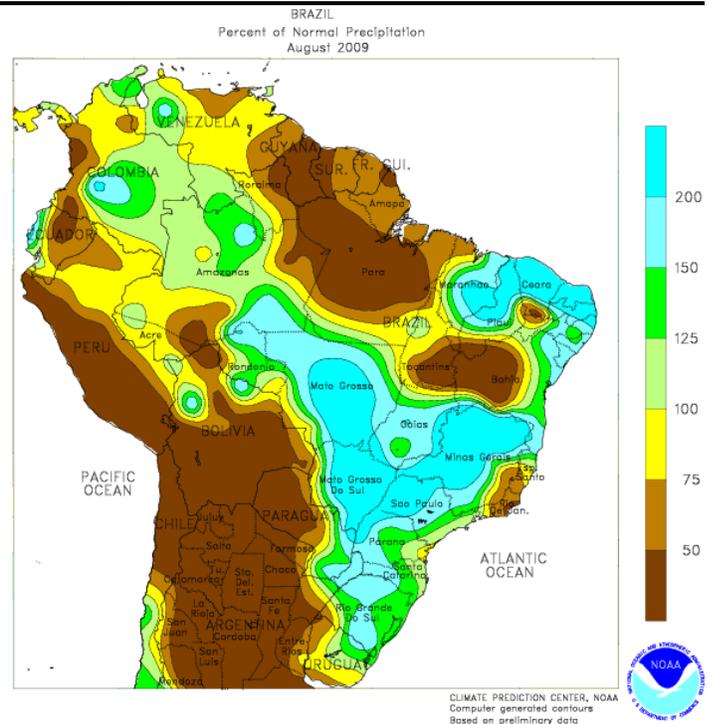
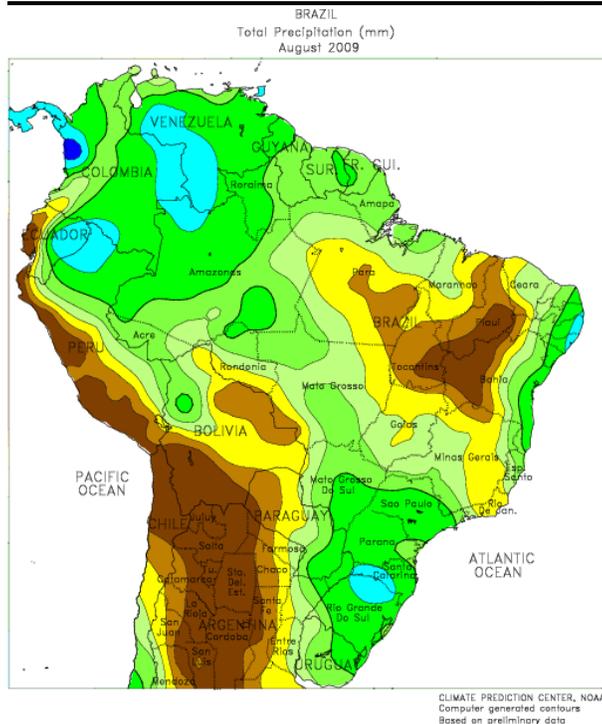
Veracruz. The monsoon remained active in the west, generating near- to above-normal rainfall over a broad area stretching from Sonora to the central interior. In contrast, unseasonably hot, dry weather persisted in the northeast, taxing moisture reserves for livestock and leading to unseasonable declines in reservoir levels.



**BRAZIL**

Unseasonably heavy rain continued in parts of the south, although both the amount of rainfall and areal coverage were reduced from the previous week. The heaviest rain (greater than 50 mm) was concentrated over Rio Grande do Sul and Santa Catarina, keeping filling to maturing wheat unfavorably wet. In Parana, rainfall ranged from near 50 mm in the south to below 25 mm in the north; rainfall also exceeded 10 mm in Sao Paulo and easternmost sections of Mato Grosso do Sul. Drier weather would be welcome in these areas to help advance seasonal fieldwork, particularly harvesting of winter wheat

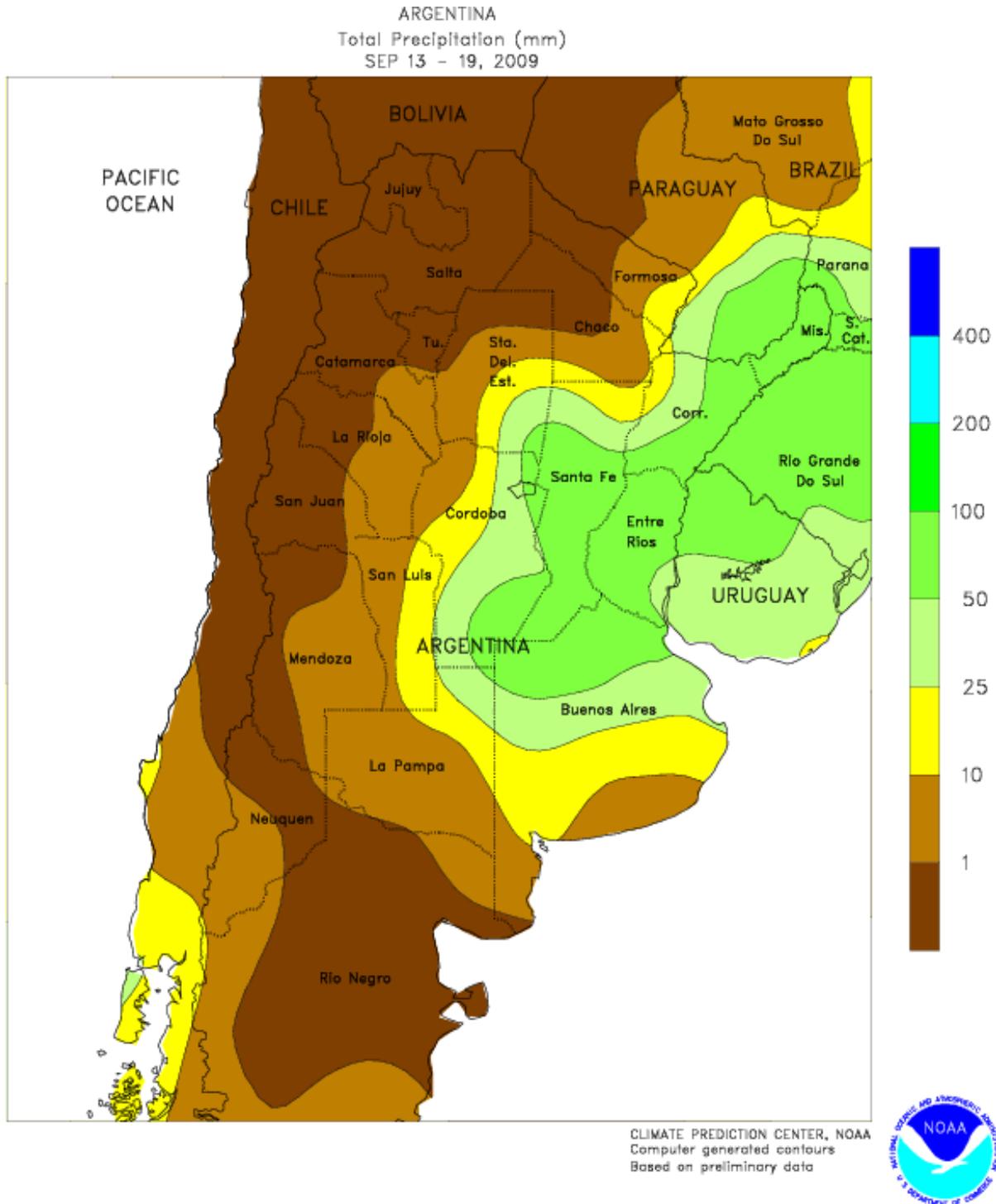
and sugarcane. Just to the north, however, dry weather prevailed from eastern Mato Grosso to Minas Gerais and Espirito Santo, aiding coffee harvesting and possibly promoting early sowing of soybeans and other summer row crops. Drier weather also returned to the northeastern interior, and seasonal rains (10-25 mm or more) were confined to a relatively small area of Brazil's northeastern coast. Weekly average temperatures were several degrees C above normal in Brazil's main farming districts, with highs ranging from the upper 20s degrees C in Rio Grande do Sul to near 40 degrees C in Mato Grosso.



**BRAZIL**

In August, near- to above-normal rainfall covered the southern third of the country, maintaining abundant to locally excessive moisture for immature wheat. The wetness also hampered seasonal fieldwork, including harvesting of sugarcane, cotton, and coffee, and producers were concerned for possible degradations in quality. The rain may have also spurred premature flowering of coffee, which could ultimately result in

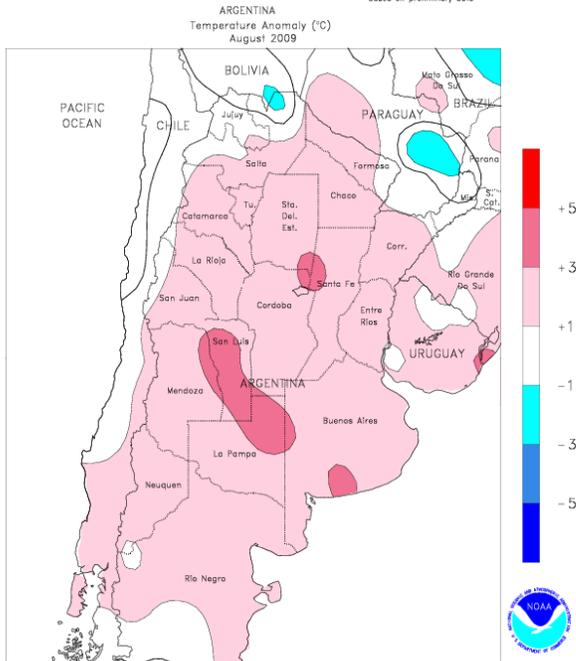
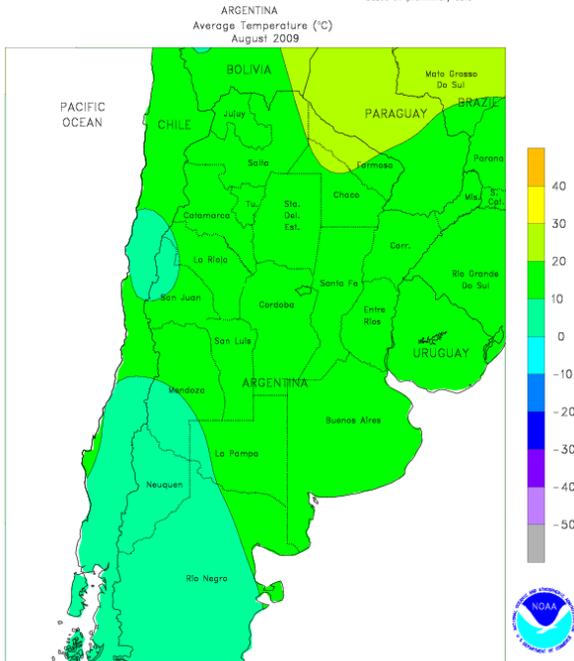
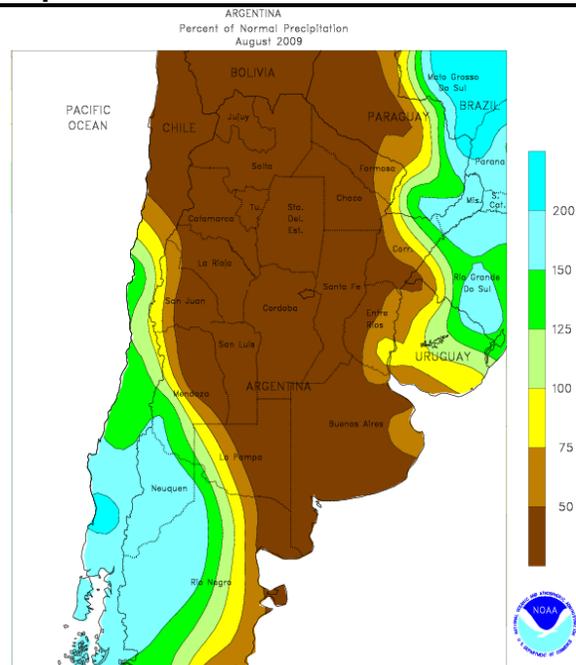
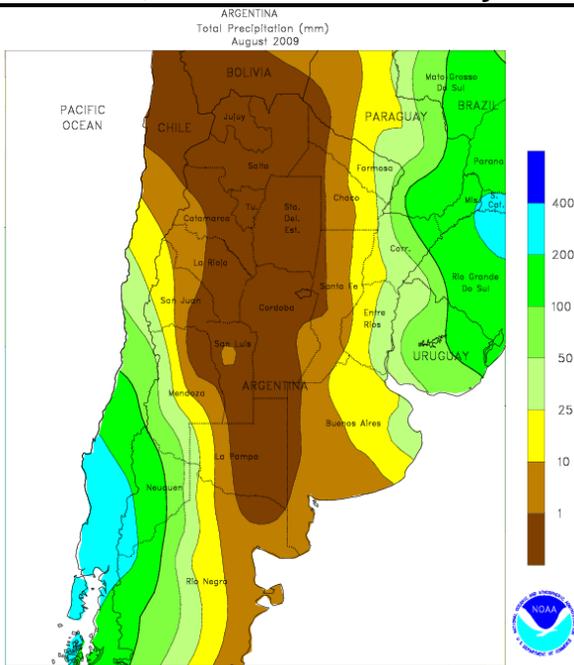
lower production. Monthly temperatures averaged near to slightly above normal, and freezing temperatures posed no threat to coffee or other potentially vulnerable crops. Seasonably dry weather favored mature cotton in the northeastern interior as seasonal showers lingered along the eastern coast, increasing moisture reserves for sugarcane and other plantation crops.



**ARGENTINA**

For a second week, soaking rain improved moisture levels for winter grain development in key production areas of central Argentina. Most of the region received at least 10 mm, with rainfall exceeding 50 mm over a broad area encompassing Entre Rios, most of Santa Fe, and neighboring locations in Cordoba and Buenos Aires. However, one of the driest areas continued to be in the southern winter wheat belt, where rainfall remained patchy and light over the past few weeks in spite of the rainier pattern. Near- to above-normal

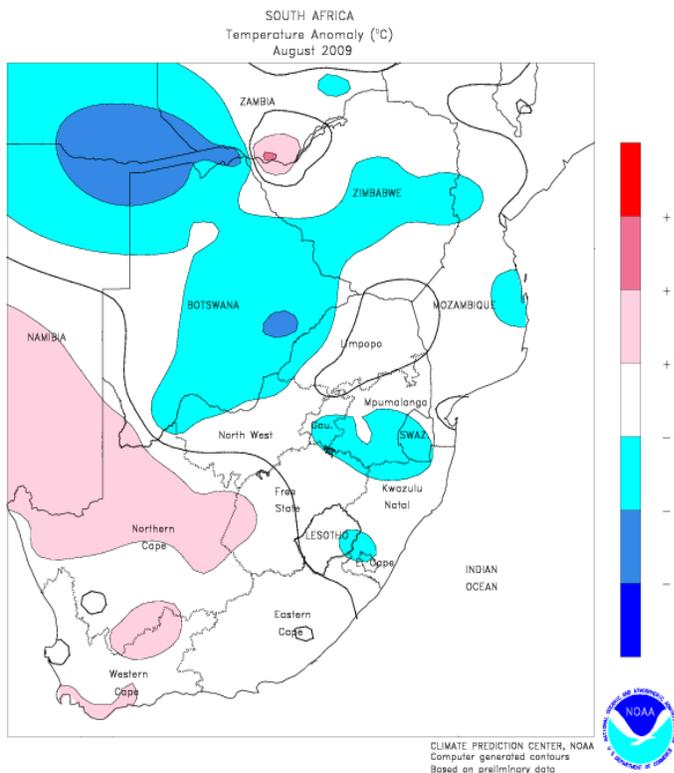
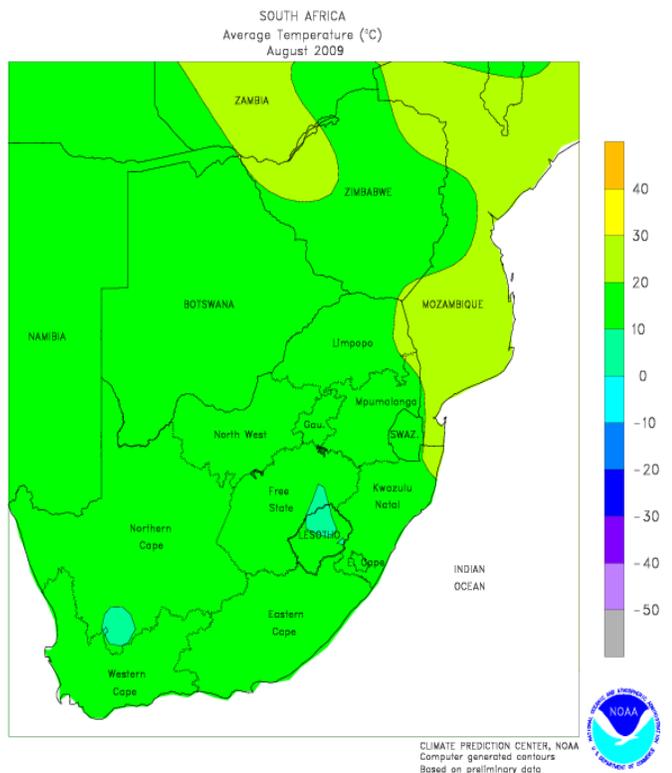
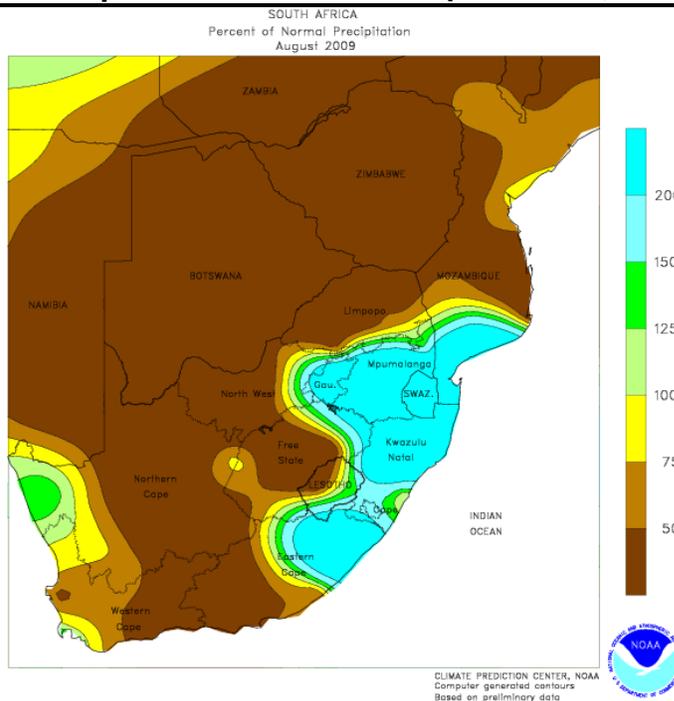
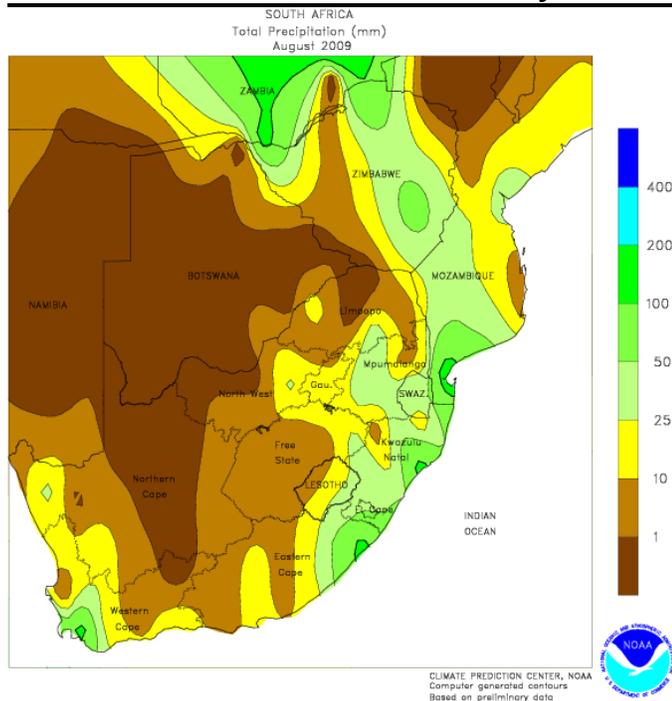
temperatures (1-2 degrees C above normal, with highs in the lower and middle 20s degrees C) promoted growth of winter grains and kept topsoil temperatures at favorable levels for summer crop germination; freezing temperatures were confined to traditionally cooler locations of southern Buenos Aires. Dry, warmer-than-normal weather (highs in the upper 30s and lower 40s degrees C) dominated the north, stressing immature winter grains and limiting topsoil moisture for planting of summer grains, oilseeds, and cotton.



**ARGENTINA**

During August, drier-than-normal weather worsened the drought situation throughout nearly all central and northern farming areas, compounding stress on vegetative wheat and limiting moisture for early sunflower planting. Exceptions included eastern portions of Entre Rios and Buenos Aires, where late-month showers benefited vegetative wheat and helped

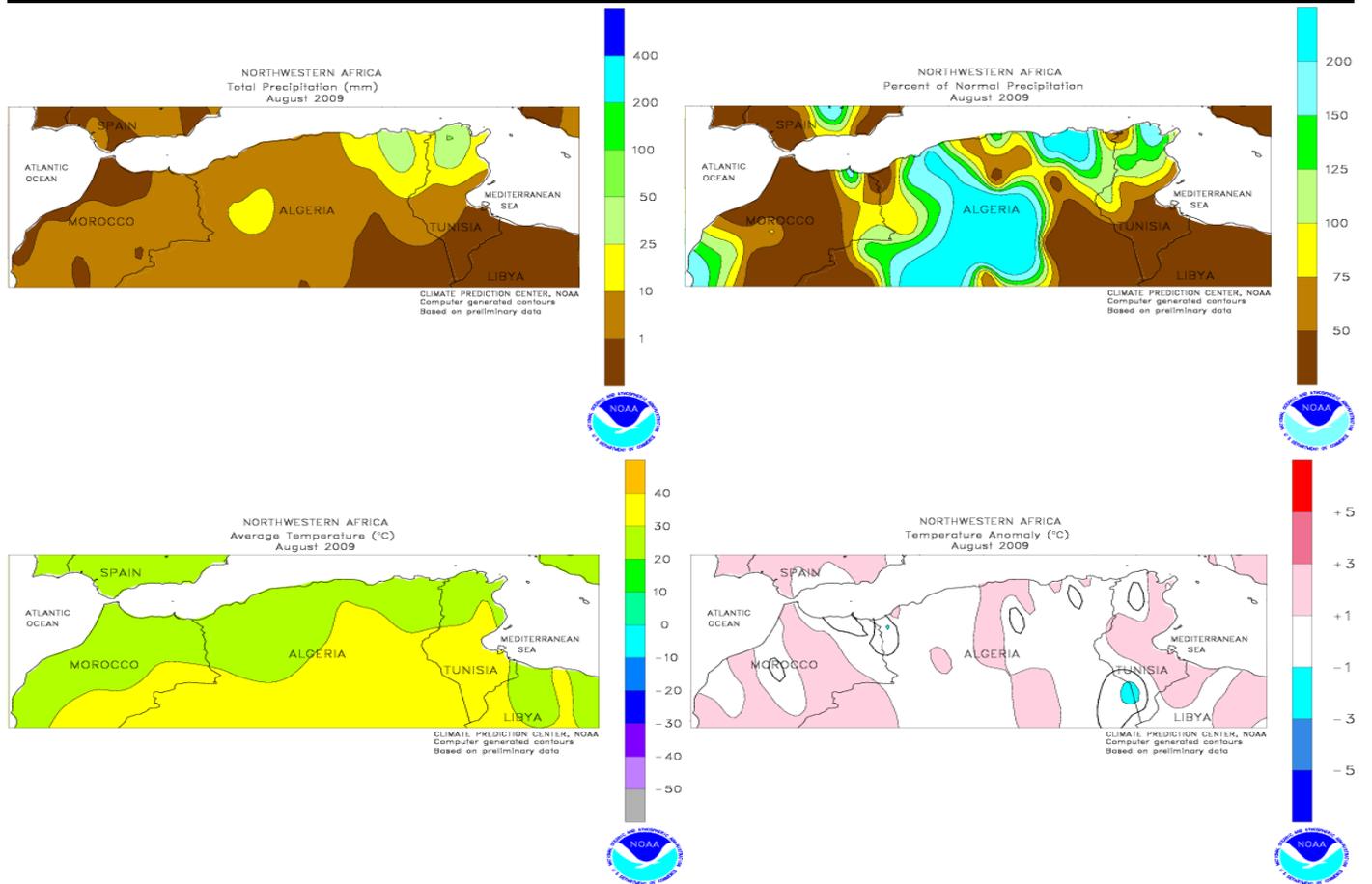
condition fields for early sowing of corn and sunflowers. Monthly temperatures averaged 2 to 3 degrees C above normal, increasing moisture losses in northern growing areas and exacerbating the effect of the dryness on crops. However, freezing temperatures occurred in many areas throughout much of the month, limiting winter grain development.



**SOUTH AFRICA**

In August, mild, showery weather increased moisture for winter crops in major growing areas of the east, with large sections of Mpumalanga, Gauteng, and KwaZulu-Natal receiving more than twice their normal rainfall for the

month. Mostly dry weather prevailed in the more westerly winter grain areas of North West and Free State. In Western Cape, light to moderate rain increased moisture for overwintering wheat.



**NORTHWESTERN AFRICA**

In August, unseasonable showers (10-50 mm) were reported in northern Tunisia and eastern Algeria. In contrast, seasonably dry weather prevailed across the rest of the region. Winter grains are typically

planted in October, so any rain that falls during the late summer and early fall is generally inconsequential for wheat and barley production in northwestern Africa.

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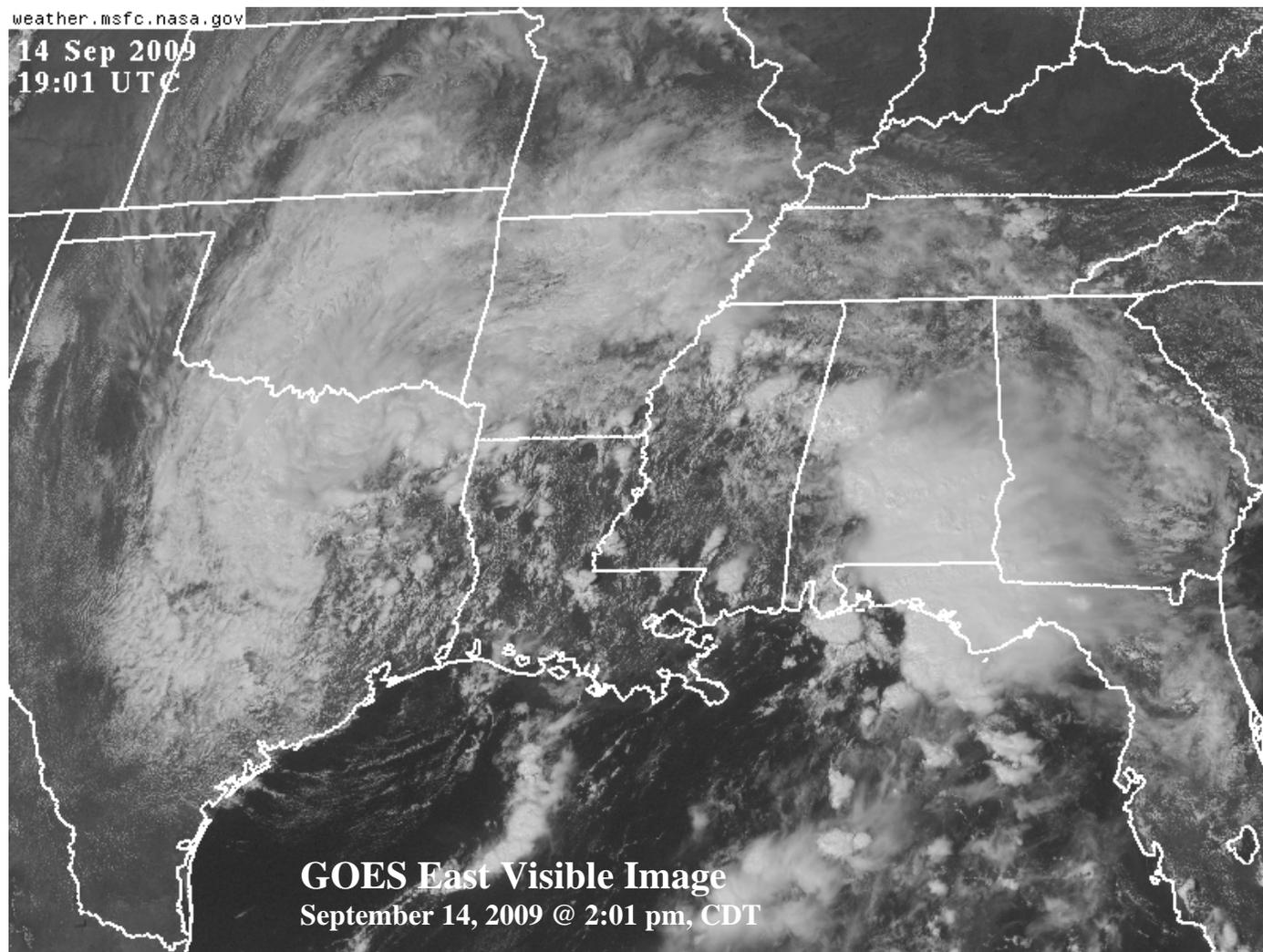
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A weak but tremendously pesky area of low pressure contributed to enormous mid-September rainfall totals across the South. The low-pressure system developed on September 11-12 near the Texas Gulf Coast, then meandered for more than a week across the Mid-South. The system was responsible for drought-easing rainfall in southern Texas, but later dumped as much as 4 to 12 inches of rain from the southeastern Plains to the southern Appalachians. On September 14 (above), daily-record rainfall totals included 4.14 inches in Longview, TX, and 2.07 inches in Huntsville, AL. A week later in Whitesburg, GA, near Atlanta, the water level in the Chattahoochee River basin surpassed a December 1919 crest record. From September 19-21, rainfall totals in the vicinity of Atlanta, GA, included 8.96 inches at Chamblee and 8.22 inches at the Fulton County Airport (Brown Field).