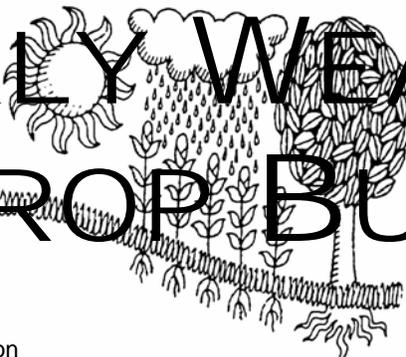
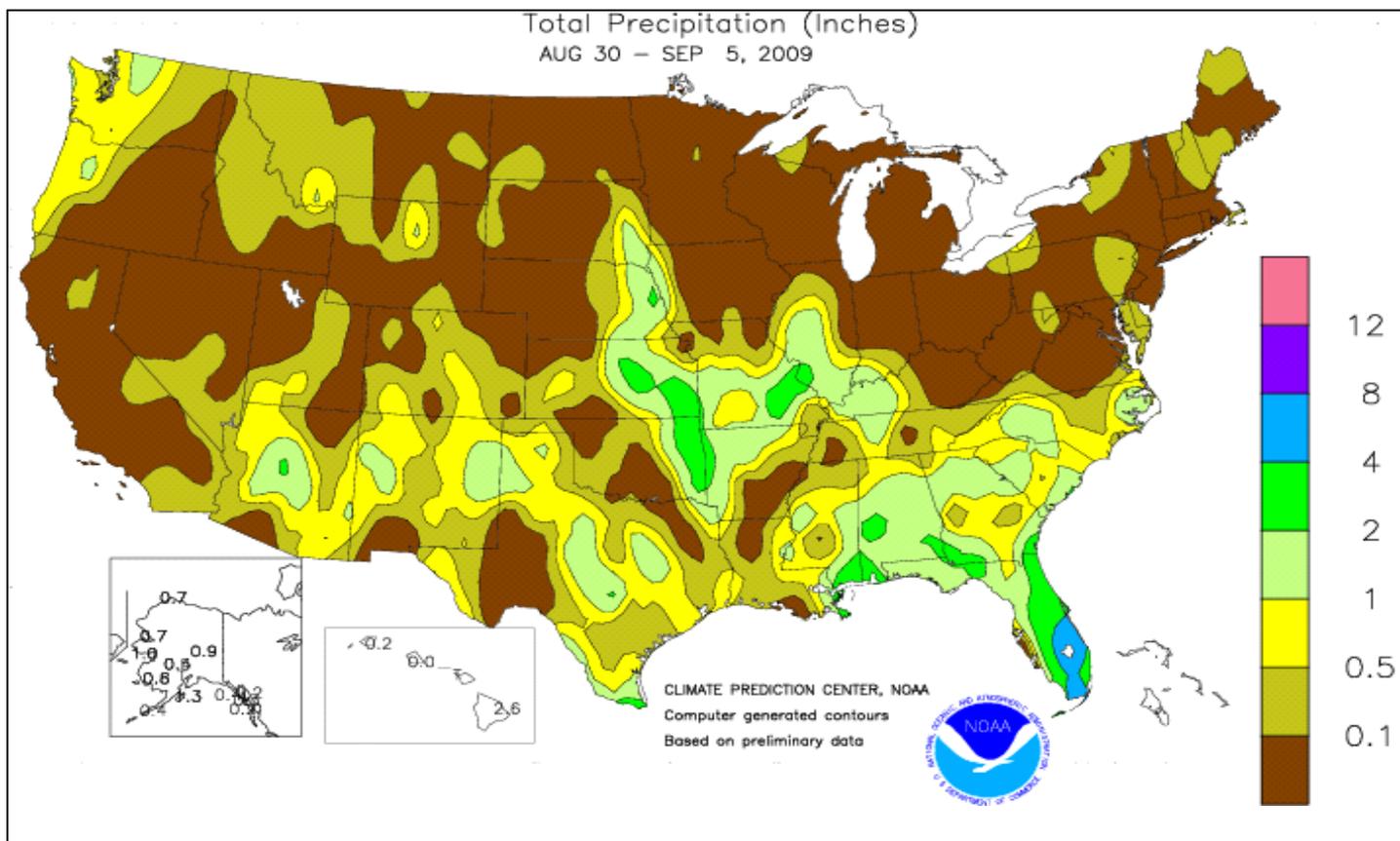


# WEEKLY WEATHER AND CROP BULLETIN



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

### August 30 - September 5, 2009

Highlights provided by USDA/WAOB

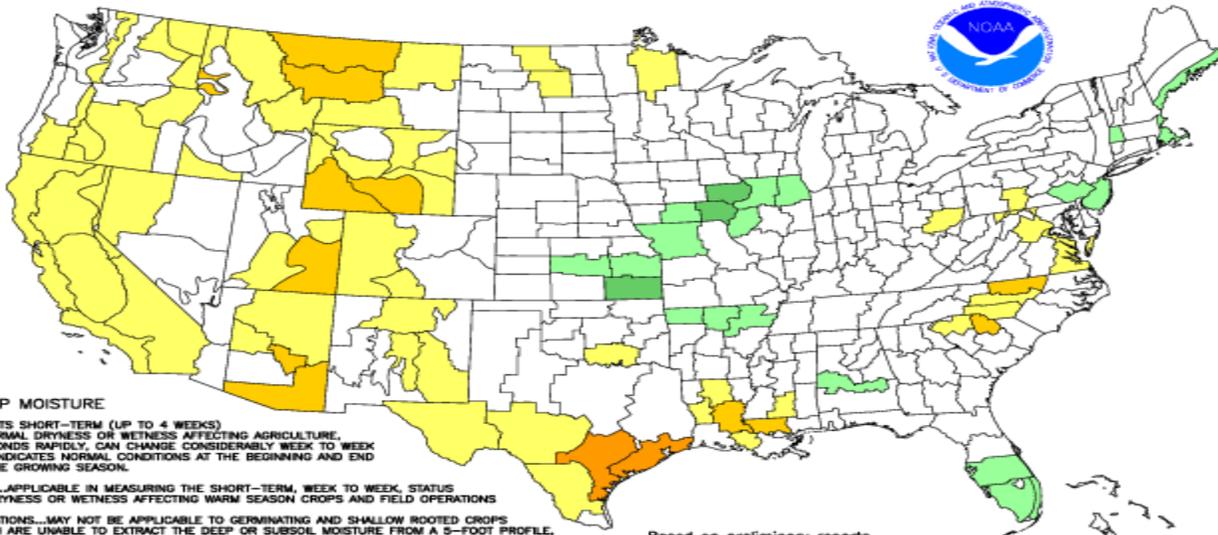
Scattered showers developed in the **Southwest**, which has experienced a sub-par monsoon season, and the **Pacific Northwest**, which endured an unusually warm, dry summer. Elsewhere **west of the Rockies**, warmth promoted crop development and fieldwork, including **Northwestern** small grain harvesting and planting activities. In **southern California**, however, the Station fire north of **Los Angeles** charred about 160,000 acres of vegetation and destroyed 166 structures, including more than six dozen residences. Farther east, scattered showers

*(Continued on page 7)*

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Crop Moisture Index by Division  
Weekly Value for Period Ending SEP 5, 2009  
Short Term Need vs. Available Water in 5 Ft Profile



**CROP MOISTURE**

DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

USES...APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

LIMITATIONS...MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F. IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

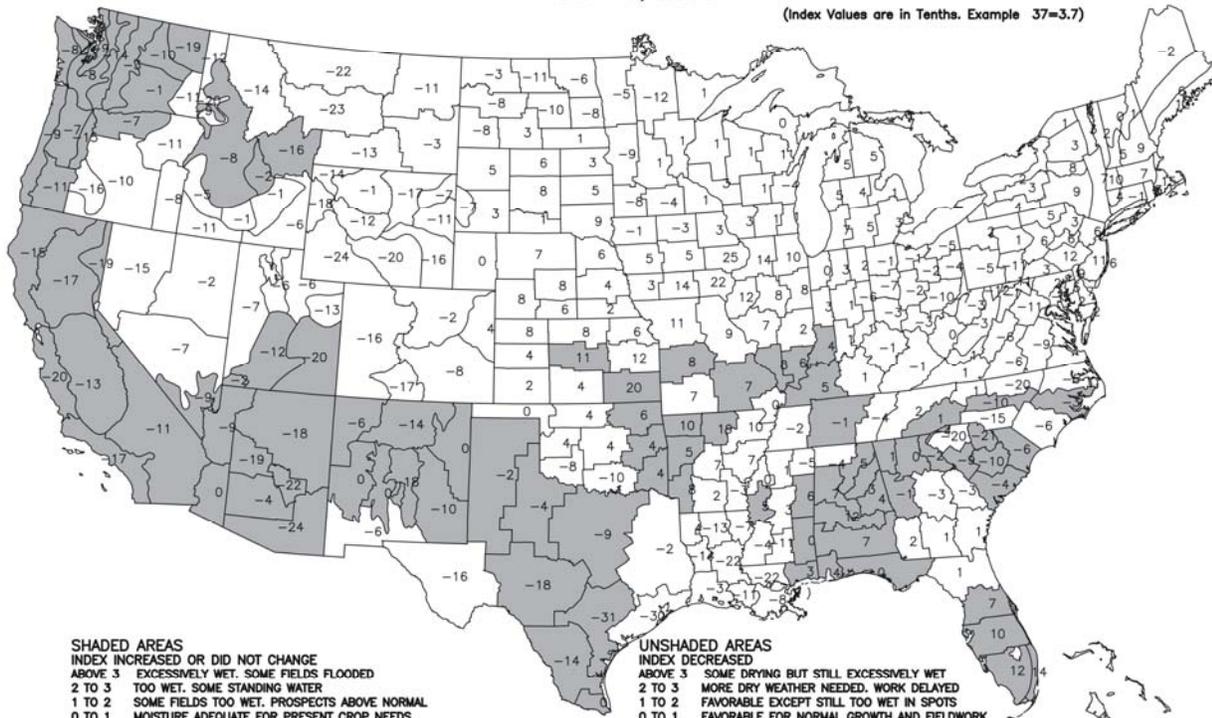
Based on preliminary reports

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

- 3.0 or less (Severely Dry)
- 2.0 to -2.9 (Excessively Dry)
- 1.0 to -1.9 (Abnormally Dry)
- 0.9 to +0.9 (Slightly Dry/Favorably Moist)
- +1.0 to +1.9 (Abnormally Moist)
- +2.0 to +2.9 (Wet)
- +3.0 and above (Excessively Wet)

Crop Moisture Index  
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE  
SEP 5, 2009

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



**SHADED AREAS**  
INDEX INCREASED OR DID NOT CHANGE

- ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
- 2 TO 3 TOO WET. SOME STANDING WATER
- 1 TO 2 SOME FIELDS TOO WET. PROSPECTS ABOVE NORMAL
- 0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
- 0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
- 1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
- 2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
- 3 TO -4 SEVERE DRYNESS CONTINUES. MORE RAIN URGENTLY NEEDED
- BELOW -4 NOT ENOUGH RAIN. STILL EXTREMELY DRY

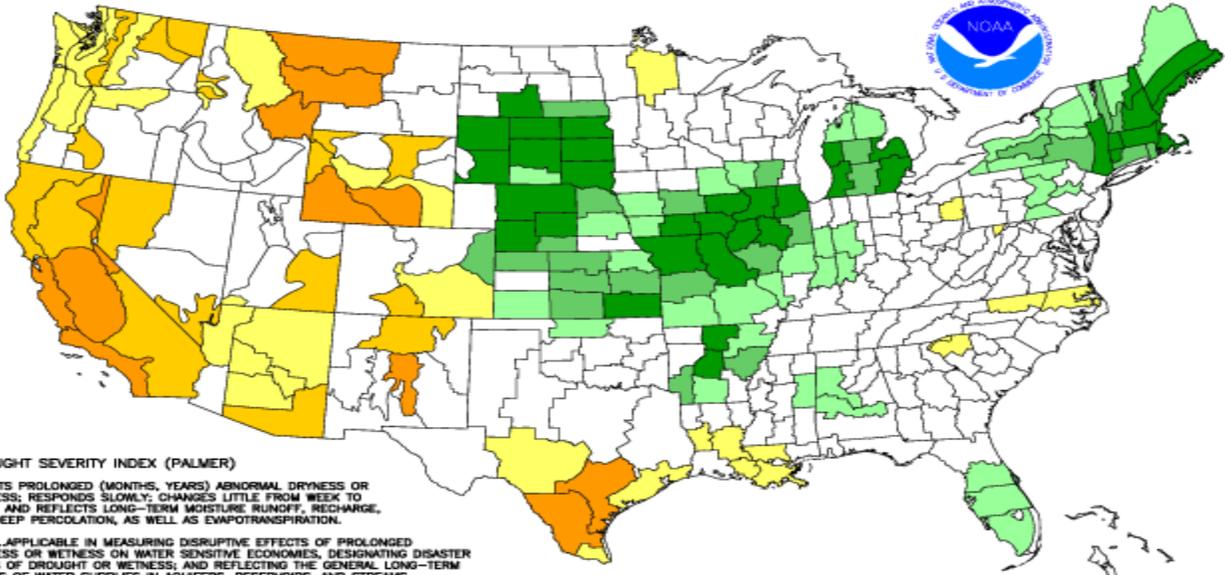
**UNSHADED AREAS**  
INDEX DECREASED

- ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
- 2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
- 1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
- 0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
- 0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW
- 1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
- 2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
- 3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
- BELOW -4 EXTREMELY DRY. MOST CROPS RUINED

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

BASED ON PRELIMINARY DATA

Drought Severity Index by Division  
Weekly Value for Period Ending SEP 5, 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.

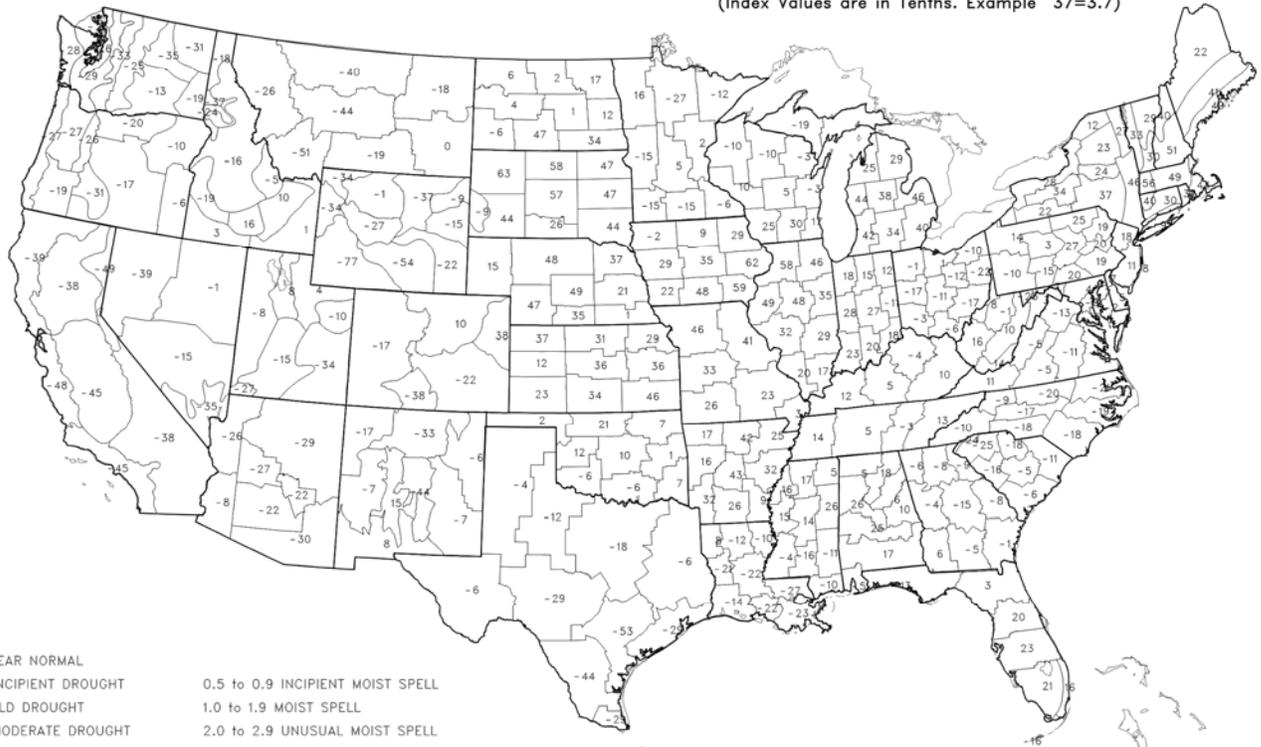
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

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 5, 2009  
(Long Term Palmer)

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

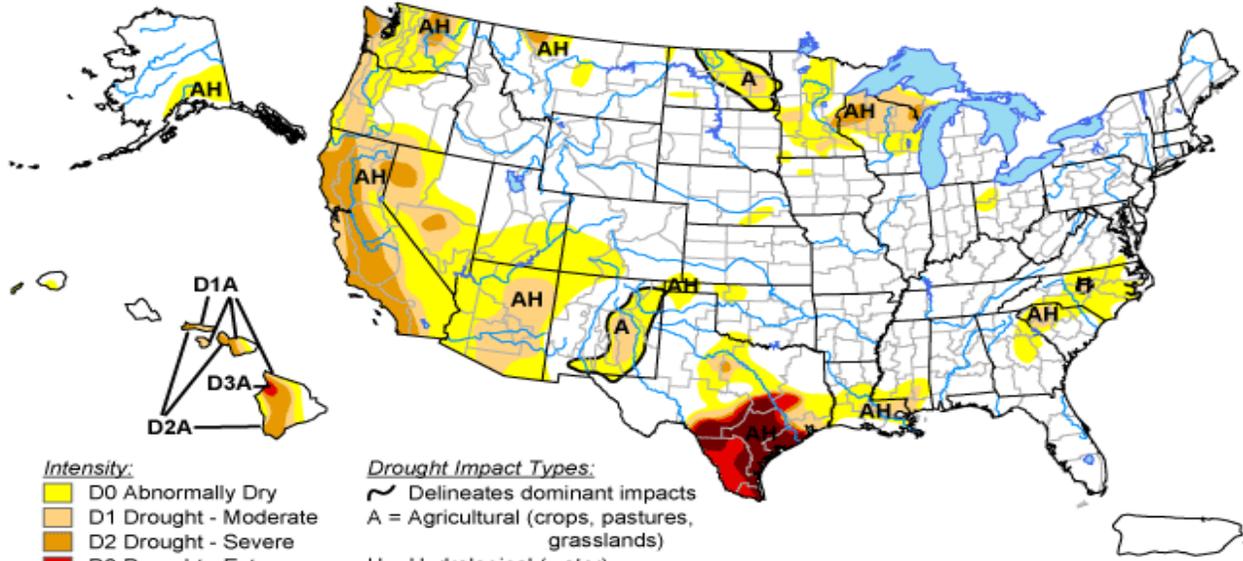


- 0.4 to -0.4 NEAR NORMAL
- 0.5 to -0.9 INCIPIENT DROUGHT
- 1.0 to -1.9 MILD DROUGHT
- 2.0 to -2.9 MODERATE DROUGHT
- 3.0 to -3.9 SEVERE DROUGHT
- BELOW -4.0 EXTREME DROUGHT
- 0.5 to 0.9 INCIPIENT MOIST SPELL
- 1.0 to 1.9 MOIST SPELL
- 2.0 to 2.9 UNUSUAL MOIST SPELL
- 3.0 to 3.9 VERY MOIST SPELL
- ABOVE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

NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY  
Based on preliminary data

# U.S. Drought Monitor

September 1, 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 3, 2009  
Author: Brad Rippey, U.S. Department of Agriculture

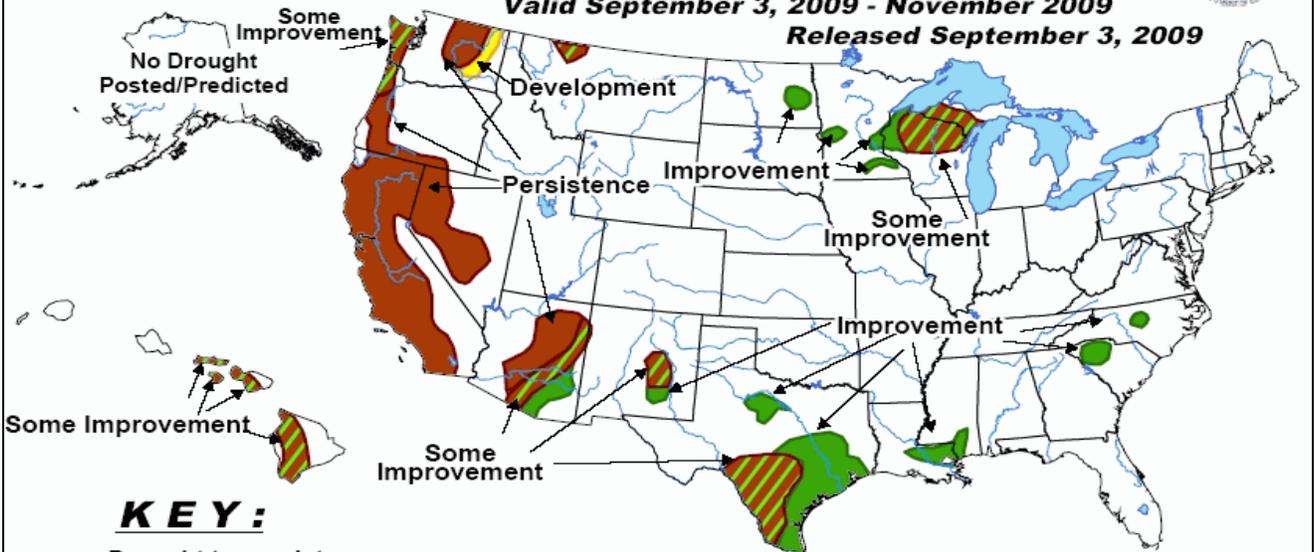
<http://drought.unl.edu/dm>

## U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid September 3, 2009 - November 2009

Released September 3, 2009



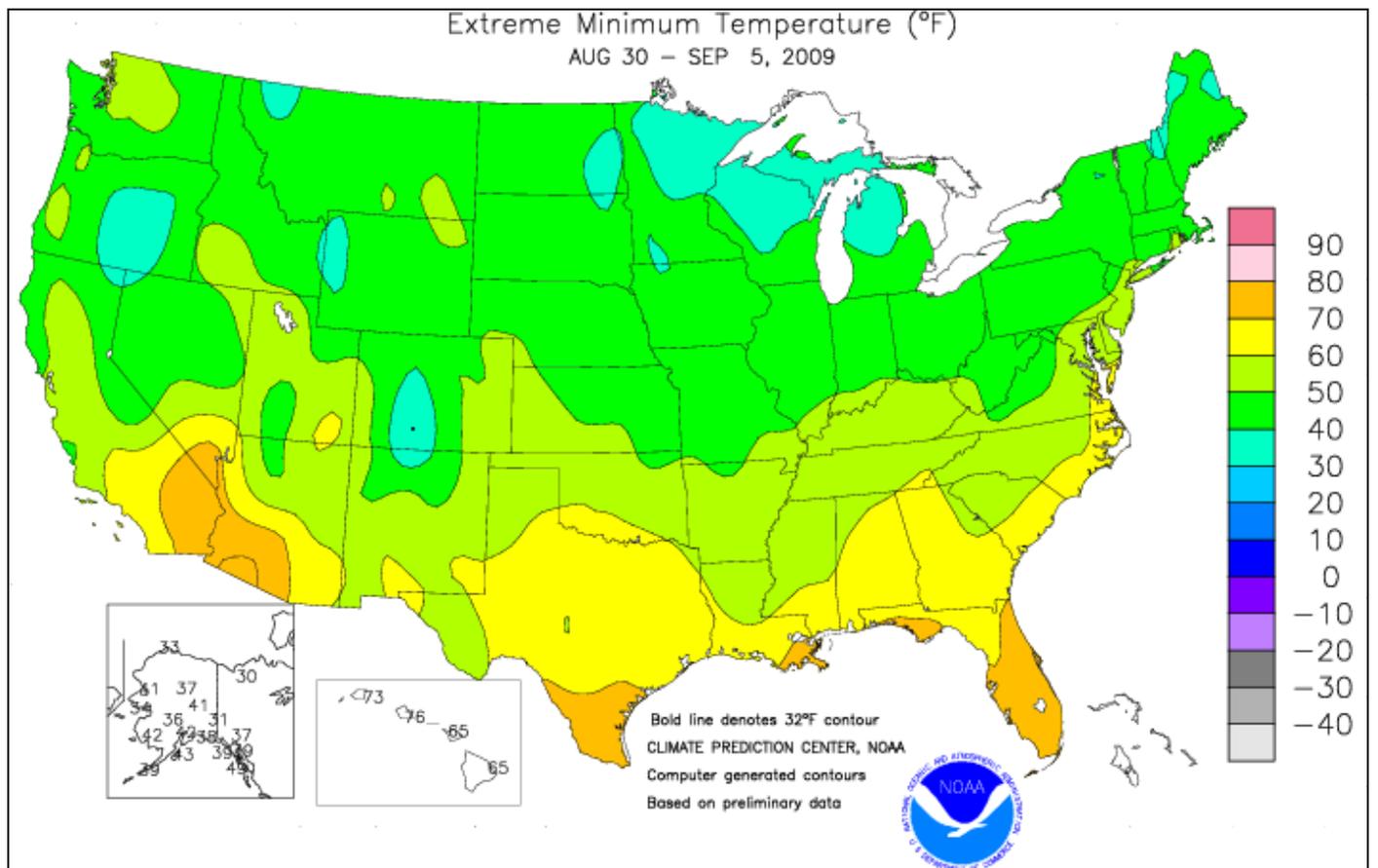
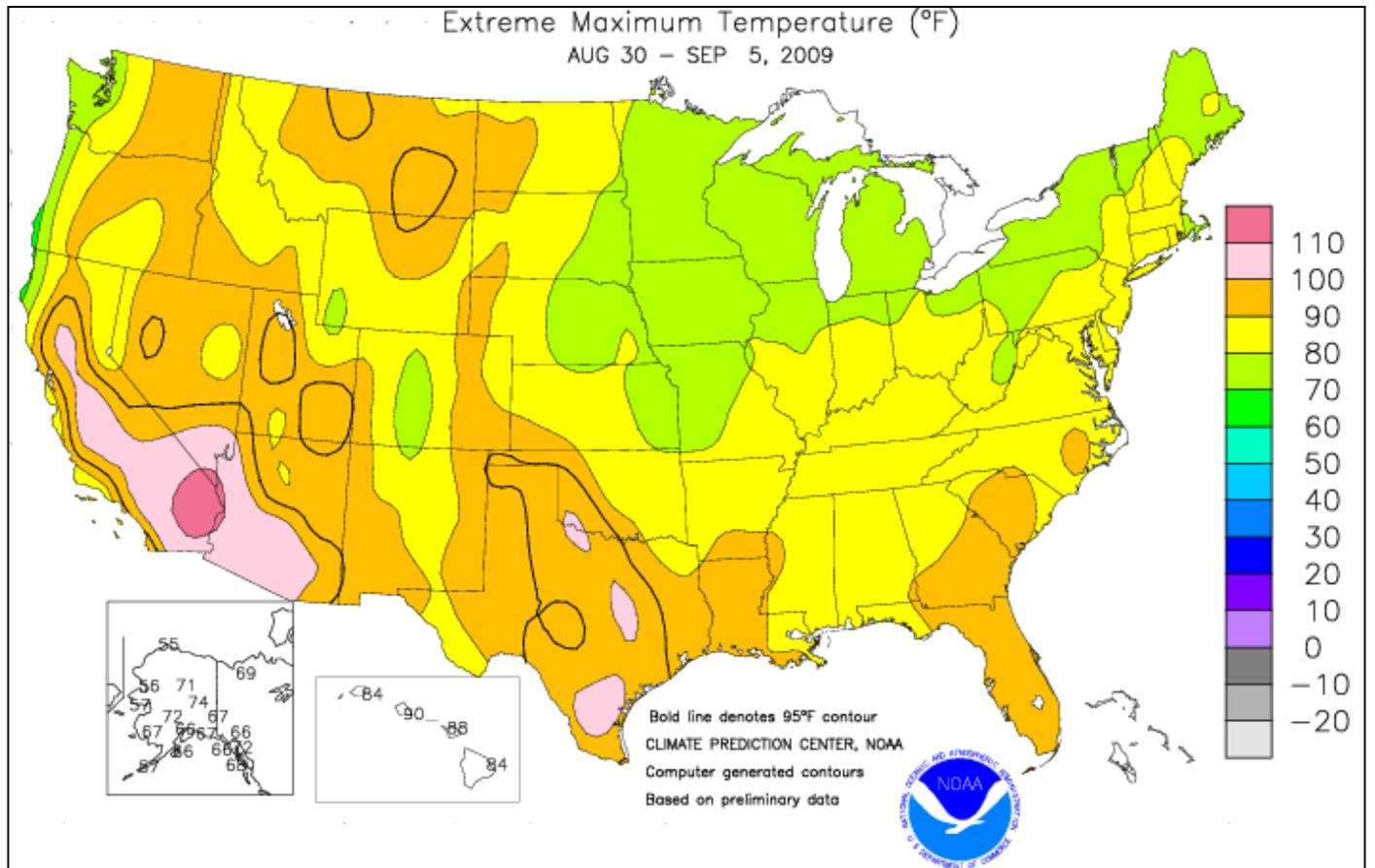
**KEY:**

- 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





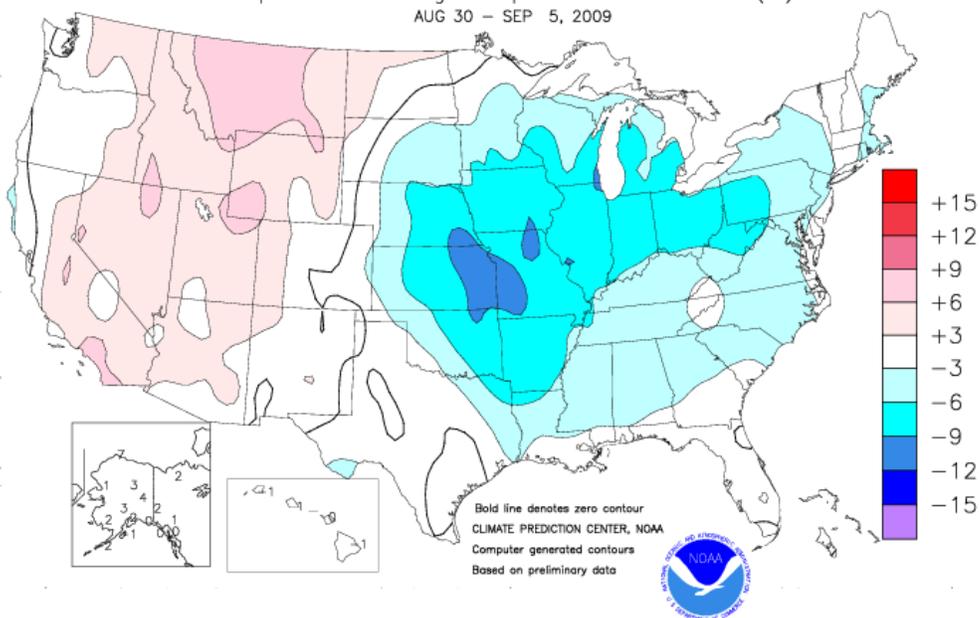
(Continued from front cover)

and thunderstorms slowed fieldwork but maintained generally favorable soil moisture levels from the **central and southern Plains into the Southeast**. Rain was especially heavy in parts of **Florida**, where some locations received at least 4 inches. For the second consecutive week, some drought relief was noted in previously parched **southern Texas**. In contrast, mostly dry weather prevailed from the **northern Plains into the Northeast**, although showers spread into the **Midwest** as far north and east as the **middle Missouri and Mississippi Valleys**. Spring wheat harvesting advanced across the **northern Plains**, while growing conditions remained cool but otherwise nearly ideal for the **Midwest's** developmentally delayed corn and soybeans. Weekly temperatures averaged as much as 10°F below normal from the **east-central Plains into the central Corn Belt**, while readings averaged at least 5°F above normal across the **northern High Plains** and parts of the **West**. Scattered frost and temperatures below 40°F were reported in late August and early September as far south as **northern Iowa**. However, late-developing corn and soybeans were unharmed by the chilly conditions.

Early in the week, cool air settled across most areas **east of the Rockies**. **International Falls, MN** (32°F), posted a daily-record low for August 30, while **upper Midwestern** daily records included 37°F in **Sisseton, SD**, and 38°F in **Grand Forks, ND**. In **northern Iowa**, **Mason City** noted lows of 38 and 39°F on August 31 and September 1, respectively. Daily-record lows for the last day of August included 31°F in **Merrill, WI**; 34°F in **Gaylord, MI**; and 42°F in **Lincoln, NE**. The following day, **Eastern** records for September 1 dipped to 34°F in **Bradford, PA**, and 44°F in **Martinsburg, WV**. Later, daily-record warmth arrived in parts of the **West**, where **Santa Cruz, CA**, attained 93°F on September 2. The following day, **Havre, MT** (99°F on September 3), notched a daily-record high. In downtown **Los Angeles, CA**, only a few miles from the massive Station fire, high temperatures reached or exceeded 90°F on 10 consecutive days from August 26 - September 4. It was the city's longest string of 90-degree days since August-September 1995, when Los Angeles experienced a 13-day heat wave. Farther east, **Billings, MT**, experienced 5 consecutive days of 90-degree heat from September 2-6, breaking its monthly record of 4 days most recently attained from September 1-4, 2007.

Departure of Average Temperature from Normal (°F)

AUG 30 - SEP 5, 2009

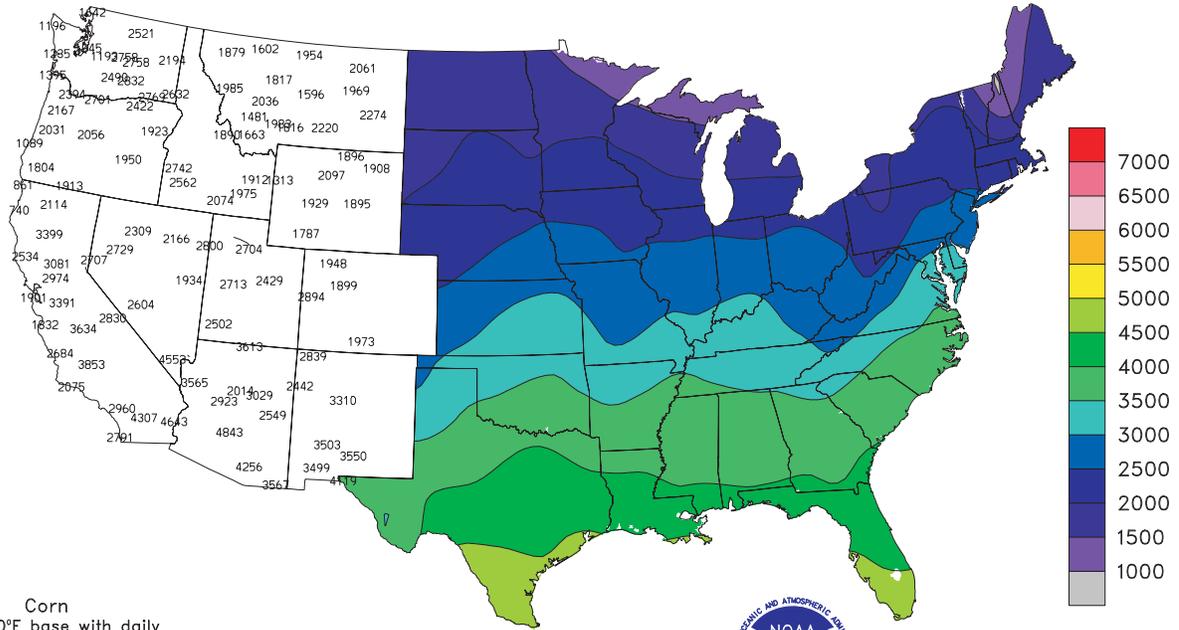


**Southeastern** showers were particularly heavy across **Florida**, where daily-record totals were established in locations such as **Melbourne** (4.29 inches on September 1) and **Jacksonville** (4.13 inches on September 2). Locally heavy showers were also scattered across the **south-central U.S.** and from the **east-central Plains into the middle Mississippi Valley**. **Borger, TX** (1.71 inches), netted a daily-record sum for September 2, followed by a 3.07-inch total in **Sioux City, IA**, on September 3. Late in the week, a cold front triggered showers in the **Pacific Northwest**, while the remnants of Tropical Storm Erika produced heavy rain in parts of **Puerto Rico** and the **U.S. Virgin Islands**. **Northwestern** daily-record totals for September 5 included 0.75 inch in **Portland, OR**, and 0.21 inch in **Yakima, WA**. Meanwhile, September 4-5 airport rainfall totals in the **U.S. Virgin Islands** reached 2.13 inches on **St. Thomas** and 2.41 inches on **St. Croix**, while localized 4- to 8-inch amounts were observed in **Puerto Rico**.

Warmth returned to **Alaska**, following a chilly end of August. In fact, daily-record highs were established in locations such as **Bettles** (71°F on September 4) and **Juneau** (72°F on September 5). However, much of **Alaska** continued to receive widespread precipitation. **Kotzebue**, which experienced a cooler-than-normal month for the first time this year—with an August average of 49.8°F (2.3°F below normal)—received August rainfall totaling 3.18 inches (159 percent of normal). Pockets of dryness persisted, however, across **mainland Alaska**, where **McGrath's** July-August rainfall totaled just 2.02 inches (40 percent of normal). Farther south, generally tranquil weather continued across **Hawaii**, with showers mostly confined to windward locations. On the **Big Island, Hilo** netted 2.26 inches of rain (146 percent of normal) during the first 5 days of September.

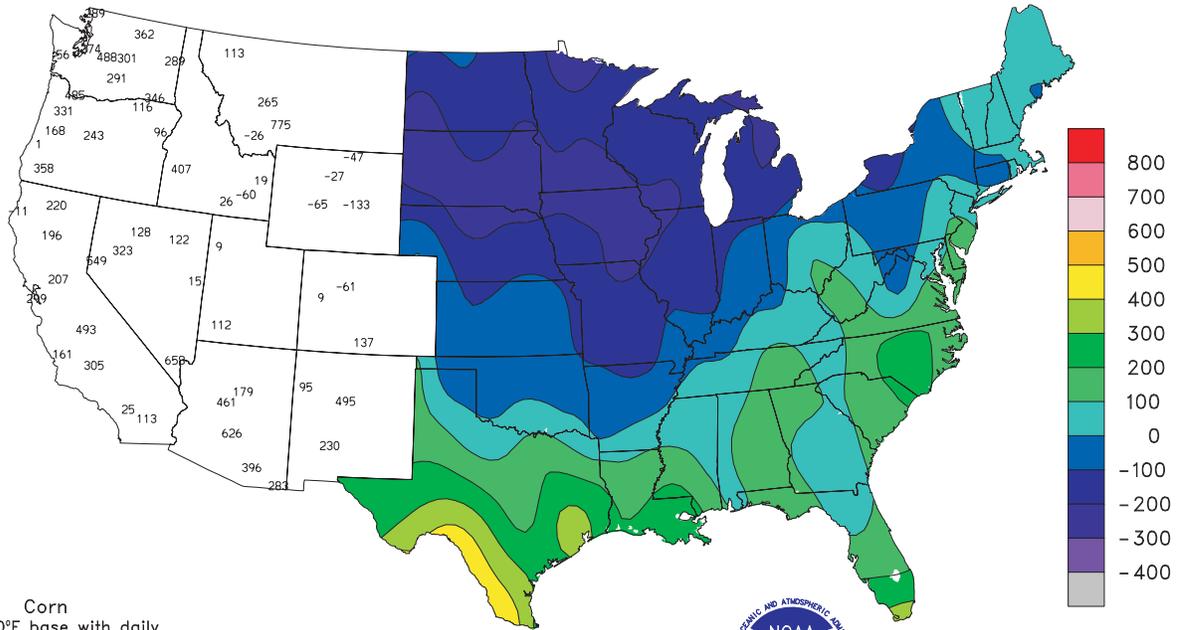


### Total Growing Degree Days APR 1 - SEP 5, 2009



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 5, 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 5, 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        | 83              | 60              | 88           | 53          | 71      | -                     | 0.00             | -                     | 0.00                     | 0.00                  | -                       | -                     | -                       | 77                   | -               | 0              | 0            | 0               | 0                | 0 |
| LYON                | 84              | 60              | 91           | 53          | 72      | -                     | 0.00             | -                     | 0.00                     | 0.00                  | -                       | -                     | -                       | 80                   | 75              | 1              | 0            | 0               | 0                | 0 |
| VANCE               | 82              | 60              | 88           | 54          | 71      | -                     | 0.00             | -                     | 0.00                     | 0.00                  | -                       | -                     | -                       | 89                   | 77              | 0              | 0            | 0               | 0                | 0 |
| PERTHSHIRE          | 84              | 63              | 89           | 59          | 73      | -                     | 0.00             | -                     | 0.00                     | 0.00                  | -                       | -                     | -                       | 90                   | 78              | 0              | 0            | 0               | 0                | 0 |
| SCOTT               | 84              | 63              | 90           | 59          | 74      | -                     | 0.38             | -                     | 0.38                     | 0.00                  | -                       | -                     | -                       | 80                   | 74              | 2              | 0            | 0               | 1                | 0 |
| SANDY RIDGE         | 84              | 62              | 89           | 57          | 73      | -                     | 0.09             | -                     | 0.09                     | 0.00                  | -                       | -                     | -                       | 87                   | -               | 0              | 0            | 0               | 1                | 0 |
| NE VERONA           | 84              | 62              | 87           | 58          | 73      | -                     | 0.21             | -                     | 0.21                     | 0.00                  | -                       | 35.71                 | -                       | 86                   | 73              | 0              | 0            | 0               | 1                | 0 |
| SD STONEVILLE x     | 85              | 62              | 89           | 57          | 74      | -5                    | 0.17             | -0.44                 | 0.16                     | 0.00                  | 0                       | 37.37                 | 102                     | 89                   | 76              | 0              | 0            | 0               | 2                | 0 |
| INDIANOLA 1S*       | 84              | 63              | 88           | 58          | 73      | -                     | 0.65             | -                     | 0.65                     | 0.00                  | -                       | -                     | -                       | 84                   | 75              | 0              | 0            | 0               | 1                | 1 |
| INVERNESS 5E        | 84              | -               | 88           | -           | -       | -                     | 0.56             | -                     | 0.56                     | 0.00                  | -                       | -                     | -                       | 86                   | 77              | 0              | -            | -               | 1                | 1 |
| SIDON               | 82              | 63              | 88           | 59          | 73      | -                     | 3.64             | -                     | 3.64                     | 0.00                  | -                       | 35.71                 | -                       | 82                   | 75              | 0              | 0            | 0               | 1                | 1 |
| NORTH ISSAQUENA     | 84              | 63              | 89           | 57          | 73      | -                     | 0.57             | -                     | 0.57                     | 0.00                  | -                       | -                     | -                       | 85                   | 76              | 0              | 0            | 0               | 1                | 1 |
| SILVER CITY         | 84              | 64              | 88           | 59          | 74      | -                     | 0.85             | -                     | 0.85                     | 0.00                  | -                       | -                     | -                       | 80                   | 75              | 0              | 0            | 0               | 1                | 1 |
| ONWARD              | 83              | 63              | 88           | 58          | 73      | -                     | 0.41             | -                     | 0.41                     | 0.00                  | -                       | -                     | -                       | 84                   | 75              | 0              | 0            | 0               | 1                | 0 |
| MAYDAY              | 84              | 61              | 88           | 56          | 73      | -                     | 0.14             | -                     | 0.14                     | 0.00                  | -                       | -                     | -                       | 82                   | 75              | 0              | 0            | 0               | 1                | 0 |
| MISSOURI            |                 |                 |              |             |         |                       |                  |                       |                          |                       |                         |                       |                         |                      |                 |                |              |                 |                  |   |
| NW CORNING          | 73              | 53              | 80           | 46          | 63      | -10                   | 0.04             | -0.72                 | 0.04                     | 0.04                  | 7                       | 20.32                 | 79                      | -                    | -               | 0              | 0            | 1               | 0                | 0 |
| ALBANY              | 73              | 53              | 79           | 46          | 63      | -10                   | 0.00             | -0.77                 | 0.00                     | 0.00                  | 0                       | 30.34                 | 115                     | 73                   | 64              | 0              | 0            | 0               | 0                | 0 |
| ST. JOSEPH          | 73              | 56              | 79           | 50          | 64      | -9                    | 0.02             | -0.83                 | 0.02                     | 0.02                  | 4                       | 29.31                 | 111                     | -                    | -               | 0              | 0            | 0               | 1                | 0 |
| NC LINNEUS          | 74              | 52              | 78           | 46          | 62      | -10                   | 0.01             | -0.71                 | 0.01                     | 0.01                  | 2                       | 33.02                 | 120                     | 73                   | 63              | 0              | 0            | 0               | 1                | 0 |
| BRUNSWICK           | 75              | 54              | 79           | 48          | 64      | -9                    | 0.00             | -0.79                 | 0.00                     | 0.00                  | 0                       | 32.53                 | 118                     | 78                   | 70              | 0              | 0            | 0               | 0                | 0 |
| NE NOVELTY          | 72              | 50              | 78           | 45          | 61      | -11                   | 0.00             | -0.65                 | 0.00                     | 0.00                  | 0                       | 34.86                 | 136                     | 79                   | 61              | 0              | 0            | 0               | 0                | 0 |
| MONROE CITY         | 73              | 51              | 78           | 46          | 62      | -10                   | 0.00             | -0.87                 | 0.00                     | 0.00                  | 0                       | 30.31                 | 117                     | 72                   | 61              | 0              | 0            | 0               | 0                | 0 |
| WC GREEN RIDGE      | 73              | 54              | 79           | 48          | 63      | -9                    | 0.85             | -0.15                 | 0.72                     | 0.85                  | 131                     | 30.56                 | 105                     | 71                   | 65              | 0              | 0            | 0               | 3                | 1 |
| C AUXVASSE          | 74              | 52              | 77           | 46          | 63      | -10                   | 0.02             | -0.90                 | 0.01                     | 0.02                  | 3                       | 33.49                 | 120                     | 68                   | 63              | 0              | 0            | 0               | 2                | 0 |
| COL-SANBORN FLD     | 74              | 56              | 79           | 50          | 65      | -9                    | 0.21             | -0.58                 | 0.18                     | 0.21                  | 45                      | 34.91                 | 119                     | 78                   | 65              | 0              | 0            | 0               | 2                | 0 |
| WILLIAMSBURG        | 75              | 52              | 81           | 46          | 63      | -10                   | 0.00             | -0.95                 | 0.00                     | 0.00                  | 0                       | 28.30                 | 96                      | 70                   | 61              | 0              | 0            | 0               | 0                | 0 |
| COL-JEFFERS F&G     | 75              | 55              | 80           | 50          | 64      | -10                   | 0.10             | -0.67                 | 0.07                     | 0.10                  | 22                      | 34.45                 | 118                     | 72                   | 64              | 0              | 0            | 0               | 2                | 0 |
| COL SOUTH FARMS     | 74              | 55              | 79           | 50          | 64      | -10                   | 0.10             | -0.69                 | 0.07                     | 0.10                  | 21                      | 37.21                 | 127                     | -                    | -               | 0              | 0            | 0               | 2                | 0 |
| COL-BF              | 74              | 53              | 79           | 47          | 63      | -11                   | 0.04             | -0.75                 | 0.02                     | 0.04                  | 8                       | -                     | -                       | 77                   | 63              | 0              | 0            | 0               | 2                | 0 |
| VERSAILLES          | 75              | 55              | 82           | 49          | 64      | -10                   | 2.97             | 2.05                  | 1.92                     | 2.97                  | 441                     | 36.68                 | 125                     | 76                   | 64              | 0              | 0            | 0               | 2                | 2 |
| EC VANDALIA         | 75              | 50              | 80           | 45          | 63      | -10                   | 0.14             | -0.96                 | 0.14                     | 0.14                  | 17                      | 29.76                 | 100                     | 73                   | 62              | 0              | 0            | 0               | 1                | 0 |
| SW LAMAR            | 74              | 55              | 78           | 47          | 64      | -12                   | 1.46             | 0.44                  | 1.12                     | 1.46                  | 225                     | 30.01                 | 91                      | 71                   | 66              | 0              | 0            | 0               | 2                | 1 |
| SC COOK STATION     | 77              | 48              | 84           | 42          | 62      | -12                   | 2.44             | 1.77                  | 1.76                     | 2.44                  | 428                     | 32.20                 | 109                     | 76                   | 66              | 0              | 0            | 0               | 2                | 2 |
| MOUNTAIN GROVE      | 76              | 51              | 80           | 44          | 63      | -11                   | 0.06             | -0.86                 | 0.06                     | 0.06                  | 11                      | 25.40                 | 84                      | 69                   | 64              | 0              | 0            | 0               | 1                | 0 |
| SE DELTA            | 80              | 56              | 85           | 51          | 67      | -8                    | 0.02             | -0.85                 | 0.02                     | 0.02                  | 3                       | 25.03                 | 81                      | 78                   | 69              | 0              | 0            | 0               | 1                | 0 |
| CHARLESTON          | 80              | 57              | 87           | 52          | 68      | -7                    | 0.02             | -0.65                 | 0.02                     | 0.02                  | 4                       | 30.43                 | 97                      | 85                   | 69              | 0              | 0            | 0               | 1                | 0 |
| GLENNONVILLE        | 80              | 57              | 85           | 53          | 68      | -8                    | 0.09             | -0.58                 | 0.07                     | 0.09                  | 18                      | 30.51                 | 107                     | 80                   | 68              | 0              | 0            | 0               | 2                | 0 |
| CLARKTON            | 81              | 56              | 85           | 52          | 68      | -9                    | 0.02             | -0.64                 | 0.02                     | 0.02                  | 4                       | 26.84                 | 91                      | 93                   | 71              | 0              | 0            | 0               | 1                | 0 |
| PORTAGEVILLE DC     | 81              | 59              | 86           | 54          | 69      | -7                    | 0.00             | -0.66                 | 0.00                     | 0.00                  | 0                       | 32.39                 | 106                     | 86                   | 73              | 0              | 0            | 0               | 0                | 0 |
| PORTAGEVILLE LF     | 81              | 58              | 86           | 54          | 69      | -7                    | 0.00             | -0.66                 | 0.00                     | 0.00                  | 0                       | 32.74                 | 106                     | 78                   | 71              | 0              | 0            | 0               | 0                | 0 |
| STEELE              | 82              | 59              | 89           | 54          | 69      | -7                    | 0.01             | -0.78                 | 0.01                     | 0.00                  | 0                       | 39.39                 | 122                     | 84                   | 74              | 0              | 0            | 0               | 1                | 0 |
| CARDWELL            | 80              | 58              | 85           | 53          | 68      | -9                    | 0.68             | 0.07                  | 0.68                     | 0.68                  | 142                     | 39.81                 | 129                     | 80                   | 68              | 0              | 0            | 0               | 1                | 1 |

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.

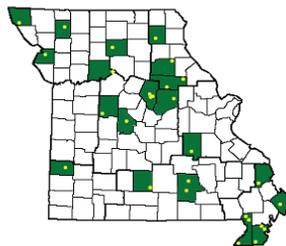
Mississippi: ND = Northern Delta; NE = Northeastern Mississippi; EC = East Central Mississippi; SD = Southern Delta

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)

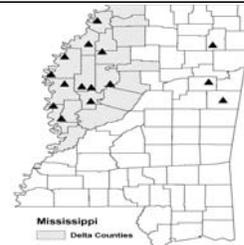
**Weather and Crop Summary for the Mississippi Delta:** For a second straight week, below-normal temperatures prevailed. Stoneville's temperature departure of 5 degrees F below normal was a repeat from the previous week, and most locations did not reach the 90-degree mark. Harvesting continued during dry weather, with numerous insect problems reported and many yields reportedly lower than last year.

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 5, 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 SEP01 | PCT. NORMAL SINCE SEP01 | TOTAL, IN, SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM           | AVERAGE MINIMUM | TEMP. °F       |              |                  |                  |
|                     |                 |                 |              |             |         |                       |                   |                       |                          |                       |                         |                        |                         |                           |                 | 90 AND ABOVE   | 82 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM       | 80              | 66              | 86           | 63          | 73      | -5                    | 1.85              | 1.03                  | 1.30                     | 1.30                  | 217                     | 42.99                  | 113                     | 91                        | 64              | 0              | 0            | 2                | 2                |
| HUNTSVILLE          | 83              | 65              | 88           | 61          | 74      | -3                    | 0.15              | -0.71                 | 0.15                     | 0.15                  | 24                      | 42.55                  | 108                     | 86                        | 66              | 0              | 0            | 1                | 0                |
| MOBILE              | 86              | 70              | 88           | 66          | 78      | -2                    | 2.29              | 0.78                  | 1.20                     | 1.25                  | 115                     | 46.35                  | 96                      | 89                        | 63              | 0              | 0            | 3                | 2                |
| AK MONTGOMERY       | 84              | 69              | 90           | 66          | 76      | -4                    | 1.06              | 0.16                  | 0.51                     | 0.54                  | 83                      | 35.58                  | 91                      | 94                        | 63              | 1              | 0            | 6                | 1                |
| ANCHORAGE           | 63              | 48              | 66           | 42          | 55      | 2                     | 0.03              | -0.69                 | 0.02                     | 0.03                  | 6                       | 8.33                   | 88                      | 83                        | 68              | 0              | 0            | 2                | 0                |
| BARROW              | 48              | 38              | 55           | 33          | 43      | 6                     | 0.69              | 0.50                  | 0.38                     | 0.28                  | 200                     | 4.73                   | 161                     | 93                        | 73              | 0              | 0            | 5                | 0                |
| FAIRBANKS           | 66              | 45              | 74           | 41          | 56      | 5                     | 0.88              | 0.56                  | 0.57                     | 0.05                  | 23                      | 6.79                   | 96                      | 82                        | 74              | 0              | 0            | 3                | 1                |
| JUNEAU              | 62              | 44              | 72           | 39          | 53      | 0                     | 0.19              | -1.22                 | 0.11                     | 0.19                  | 19                      | 33.67                  | 103                     | 94                        | 84              | 0              | 0            | 2                | 0                |
| KODIAK              | 59              | 47              | 66           | 43          | 53      | 0                     | 1.26              | -0.12                 | 0.80                     | 1.26                  | 125                     | 45.30                  | 99                      | 92                        | 78              | 0              | 0            | 4                | 1                |
| NOME                | 52              | 42              | 57           | 34          | 47      | -1                    | 0.97              | 0.25                  | 0.38                     | 0.33                  | 65                      | 11.20                  | 105                     | 96                        | 88              | 0              | 0            | 4                | 0                |
| AZ FLAGSTAFF        | 78              | 50              | 85           | 47          | 64      | 2                     | 0.40              | -0.14                 | 0.19                     | 0.40                  | 103                     | 7.34                   | 47                      | 75                        | 31              | 0              | 0            | 4                | 0                |
| PHOENIX             | 104             | 82              | 110          | 73          | 93      | 3                     | 0.17              | 0.02                  | 0.16                     | 0.17                  | 170                     | 2.79                   | 54                      | 48                        | 29              | 7              | 0            | 2                | 0                |
| PRESCOTT            | 87              | 62              | 94           | 59          | 74      | 5                     | 0.46              | -0.14                 | 0.37                     | 0.40                  | 95                      | 7.30                   | 53                      | 68                        | 24              | 1              | 0            | 4                | 0                |
| TUCSON              | 99              | 74              | 105          | 69          | 87      | 3                     | 0.04              | -0.34                 | 0.04                     | 0.04                  | 15                      | 4.84                   | 60                      | 59                        | 33              | 7              | 0            | 1                | 0                |
| AR FORT SMITH       | 80              | 63              | 85           | 58          | 71      | -8                    | 1.04              | 0.34                  | 0.43                     | 1.04                  | 204                     | 35.58                  | 124                     | 85                        | 52              | 0              | 0            | 3                | 1                |
| LITTLE ROCK         | 82              | 63              | 88           | 56          | 73      | -6                    | 0.33              | -0.44                 | 0.33                     | 0.33                  | 59                      | 45.62                  | 138                     | 89                        | 47              | 0              | 0            | 1                | 0                |
| CA BAKERSFIELD      | 99              | 72              | 105          | 68          | 86      | 6                     | 0.00              | -0.03                 | 0.00                     | 0.00                  | 0                       | 3.40                   | 72                      | 44                        | 24              | 7              | 0            | 0                | 0                |
| FRESNO              | 100             | 69              | 105          | 62          | 84      | 6                     | 0.00              | -0.02                 | 0.00                     | 0.00                  | 0                       | 5.07                   | 64                      | 51                        | 30              | 7              | 0            | 0                | 0                |
| LOS ANGELES         | 83              | 67              | 87           | 65          | 75      | 4                     | 0.00              | -0.05                 | 0.00                     | 0.00                  | 0                       | 4.12                   | 43                      | 84                        | 58              | 0              | 0            | 0                | 0                |
| REDDING             | 94              | 60              | 99           | 56          | 77      | 0                     | 0.00              | -0.06                 | 0.00                     | 0.00                  | 0                       | 16.25                  | 73                      | 49                        | 27              | 6              | 0            | 0                | 0                |
| SACRAMENTO          | 92              | 60              | 102          | 56          | 76      | 2                     | 0.00              | -0.05                 | 0.00                     | 0.00                  | 0                       | 11.60                  | 96                      | 78                        | 25              | 4              | 0            | 0                | 0                |
| SAN DIEGO           | 83              | 71              | 86           | 67          | 77      | 4                     | 0.00              | -0.03                 | 0.00                     | 0.00                  | 0                       | 3.10                   | 40                      | 88                        | 71              | 0              | 0            | 0                | 0                |
| SAN FRANCISCO       | 75              | 58              | 89           | 56          | 66      | 2                     | 0.00              | -0.03                 | 0.00                     | 0.00                  | 0                       | 10.11                  | 75                      | 84                        | 68              | 0              | 0            | 0                | 0                |
| STOCKTON            | 94              | 61              | 101          | 57          | 77      | 2                     | 0.01              | -0.02                 | 0.01                     | 0.00                  | 0                       | 6.76                   | 74                      | 67                        | 36              | 5              | 0            | 1                | 0                |
| CO ALAMOSA          | 79              | 41              | 80           | 38          | 60      | 1                     | 0.03              | -0.21                 | 0.03                     | 0.03                  | 18                      | 4.72                   | 93                      | 83                        | 49              | 0              | 0            | 1                | 0                |
| CO SPRINGS          | 80              | 52              | 88           | 50          | 66      | 2                     | 0.12              | -0.44                 | 0.06                     | 0.06                  | 16                      | 13.13                  | 89                      | 88                        | 32              | 0              | 0            | 2                | 0                |
| DENVER INTL         | 86              | 55              | 91           | 51          | 70      | 3                     | 0.00              | -0.26                 | 0.00                     | 0.00                  | 0                       | 15.08                  | 137                     | 75                        | 26              | 1              | 0            | 0                | 0                |
| GRAND JUNCTION      | 92              | 61              | 94           | 55          | 77      | 6                     | 0.00              | -0.17                 | 0.00                     | 0.00                  | 0                       | 5.59                   | 94                      | 34                        | 21              | 6              | 0            | 0                | 0                |
| PUEBLO              | 87              | 53              | 97           | 50          | 70      | 0                     | 0.85              | 0.50                  | 0.69                     | 0.06                  | 25                      | 12.77                  | 125                     | 85                        | 42              | 3              | 0            | 3                | 1                |
| CT BRIDGEPORT       | 76              | 58              | 81           | 54          | 67      | -3                    | 0.00              | -0.84                 | 0.00                     | 0.00                  | 0                       | 24.45                  | 80                      | 84                        | 57              | 0              | 0            | 0                | 0                |
| HARTFORD            | 79              | 53              | 84           | 48          | 66      | -2                    | 0.00              | -0.96                 | 0.00                     | 0.00                  | 0                       | 33.89                  | 109                     | 90                        | 51              | 0              | 0            | 0                | 0                |
| DC WASHINGTON       | 81              | 62              | 87           | 57          | 71      | -4                    | 0.00              | -0.81                 | 0.00                     | 0.00                  | 0                       | 26.66                  | 99                      | 74                        | 37              | 0              | 0            | 0                | 0                |
| DE WILMINGTON       | 80              | 58              | 86           | 52          | 69      | -3                    | 0.00              | -0.84                 | 0.00                     | 0.00                  | 0                       | 30.35                  | 102                     | 90                        | 40              | 0              | 0            | 0                | 0                |
| FL DAYTONA BEACH    | 88              | 74              | 92           | 72          | 81      | 0                     | 2.53              | 0.93                  | 1.59                     | 2.47                  | 215                     | 43.27                  | 129                     | 99                        | 65              | 2              | 0            | 6                | 1                |
| JACKSONVILLE        | 85              | 71              | 92           | 68          | 78      | -2                    | 5.56              | 3.68                  | 4.13                     | 5.31                  | 390                     | 49.30                  | 133                     | 97                        | 69              | 1              | 0            | 3                | 2                |
| KEY WEST            | 91              | 79              | 92           | 75          | 85      | 1                     | 1.19              | -0.20                 | 0.56                     | 0.58                  | 59                      | 16.55                  | 65                      | 85                        | 63              | 6              | 0            | 5                | 1                |
| MIAMI               | 90              | 77              | 92           | 75          | 84      | 1                     | 3.57              | 1.35                  | 1.55                     | 3.13                  | 198                     | 39.79                  | 100                     | 93                        | 65              | 5              | 0            | 6                | 2                |
| ORLANDO             | 90              | 73              | 93           | 71          | 81      | -1                    | 1.66              | 0.16                  | 0.74                     | 1.30                  | 120                     | 38.94                  | 107                     | 92                        | 57              | 3              | 0            | 3                | 2                |
| PENSACOLA           | 86              | 71              | 89           | 70          | 79      | -2                    | 0.97              | -0.51                 | 0.86                     | 0.11                  | 10                      | 48.40                  | 103                     | 91                        | 67              | 0              | 0            | 5                | 1                |
| TALLAHASSEE         | 88              | 71              | 92           | 69          | 80      | -2                    | 0.56              | -0.86                 | 0.43                     | 0.13                  | 13                      | 39.30                  | 82                      | 92                        | 62              | 3              | 0            | 3                | 0                |
| TAMPA               | 88              | 75              | 92           | 72          | 81      | -2                    | 0.52              | -1.30                 | 0.39                     | 0.52                  | 40                      | 33.80                  | 101                     | 89                        | 63              | 2              | 0            | 4                | 0                |
| WEST PALM BEACH     | 89              | 75              | 91           | 69          | 82      | -1                    | 2.83              | 0.90                  | 2.16                     | 2.83                  | 204                     | 41.48                  | 102                     | 91                        | 66              | 3              | 0            | 5                | 1                |
| GA ATHENS           | 82              | 64              | 87           | 61          | 73      | -4                    | 1.35              | 0.55                  | 1.04                     | 0.00                  | 0                       | 27.18                  | 80                      | 89                        | 69              | 0              | 0            | 2                | 1                |
| ATLANTA             | 79              | 67              | 83           | 64          | 73      | -4                    | 1.08              | 0.22                  | 0.94                     | 0.09                  | 14                      | 37.02                  | 104                     | 85                        | 71              | 0              | 0            | 3                | 1                |
| AUGUSTA             | 87              | 63              | 94           | 57          | 75      | -3                    | 0.58              | -0.38                 | 0.44                     | 0.02                  | 3                       | 27.30                  | 84                      | 93                        | 65              | 3              | 0            | 3                | 0                |
| COLUMBUS            | 83              | 69              | 88           | 66          | 76      | -4                    | 0.41              | -0.34                 | 0.25                     | 0.14                  | 26                      | 48.31                  | 137                     | 87                        | 54              | 0              | 0            | 4                | 0                |
| MACON               | 85              | 66              | 90           | 62          | 76      | -2                    | 0.38              | -0.45                 | 0.26                     | 0.11                  | 19                      | 31.78                  | 97                      | 94                        | 58              | 1              | 0            | 7                | 0                |
| SAVANNAH            | 86              | 69              | 92           | 65          | 78      | -2                    | 0.50              | -1.05                 | 0.50                     | 0.00                  | 0                       | 42.26                  | 113                     | 92                        | 70              | 1              | 0            | 1                | 1                |
| HI HILO             | 83              | 67              | 84           | 65          | 75      | -1                    | 2.60              | 0.32                  | 0.83                     | 2.43                  | 149                     | 82.73                  | 100                     | 87                        | 78              | 0              | 0            | 6                | 2                |
| HONOLULU            | 89              | 77              | 90           | 76          | 83      | 1                     | 0.00              | -0.06                 | 0.00                     | 0.00                  | 0                       | 8.44                   | 82                      | 65                        | 58              | 1              | 0            | 0                | 0                |
| KAHULUI             | 87              | 71              | 88           | 65          | 79      | 0                     | 0.02              | -0.06                 | 0.01                     | 0.01                  | 17                      | 9.42                   | 77                      | 78                        | 66              | 0              | 0            | 2                | 0                |
| LIHUE               | 84              | 75              | 84           | 73          | 79      | -1                    | 0.16              | -0.28                 | 0.08                     | 0.13                  | 41                      | 16.73                  | 71                      | 76                        | 72              | 0              | 0            | 4                | 0                |
| ID BOISE            | 91              | 63              | 95           | 56          | 77      | 7                     | 0.00              | -0.12                 | 0.00                     | 0.00                  | 0                       | 7.44                   | 93                      | 47                        | 24              | 5              | 0            | 0                | 0                |
| LEWISTON            | 88              | 59              | 97           | 49          | 74      | 4                     | 0.02              | -0.15                 | 0.02                     | 0.00                  | 0                       | 8.83                   | 100                     | 66                        | 41              | 2              | 0            | 1                | 0                |
| POCATELLO           | 87              | 49              | 91           | 44          | 68      | 4                     | 0.01              | -0.15                 | 0.01                     | 0.00                  | 0                       | 12.41                  | 144                     | 75                        | 34              | 3              | 0            | 1                | 0                |
| IL CHICAGO/O'HARE   | 72              | 52              | 78           | 47          | 62      | -7                    | 0.00              | -1.00                 | 0.00                     | 0.00                  | 0                       | 31.56                  | 124                     | 87                        | 52              | 0              | 0            | 0                | 0                |
| MOLINE              | 74              | 49              | 79           | 45          | 62      | -8                    | 0.00              | -0.93                 | 0.00                     | 0.00                  | 0                       | 38.83                  | 140                     | 96                        | 53              | 0              | 0            | 0                | 0                |
| PEORIA              | 74              | 53              | 80           | 48          | 64      | -6                    | 0.56              | -0.13                 | 0.56                     | 0.56                  | 112                     | 36.54                  | 145                     | 89                        | 49              | 0              | 0            | 1                | 1                |
| ROCKFORD            | 73              | 48              | 78           | 45          | 61      | -7                    | 0.00              | -0.96                 | 0.00                     | 0.00                  | 0                       | 34.06                  | 128                     | 94                        | 48              | 0              | 0            | 0                | 0                |
| SPRINGFIELD         | 75              | 52              | 82           | 48          | 63      | -8                    | 0.22              | -0.50                 | 0.22                     | 0.22                  | 43                      | 31.42                  | 125                     | 92                        | 50              | 0              | 0            | 1                | 0                |
| IN EVANSVILLE       | 80              | 57              | 84           | 51          | 68      | -6                    | 1.63              | 0.91                  | 1.32                     | 1.63                  | 320                     | 34.12                  | 109                     | 89                        | 51              | 0              | 0            | 2                | 1                |
| FORT WAYNE          | 75              | 50              | 80           | 45          | 62      | -7                    | 0.00              | -0.76                 | 0.00                     | 0.00                  | 0                       | 30.64                  | 118                     | 96                        | 46              | 0              | 0            | 0                | 0                |
| INDIANAPOLIS        | 77              | 56              | 82           | 51          | 67      | -4                    | 0.00              | -0.76                 | 0.00                     | 0.00                  | 0                       | 36.74                  | 126                     | 81                        | 40              | 0              | 0            | 0                | 0                |
| SOUTH BEND          | 73              | 48              | 78           | 43          | 61      | -7                    | 0.01              | -0.94                 | 0.01                     | 0.00                  | 0                       | 33.10                  | 123                     | 91                        | 54              | 0              | 0            | 1                | 0                |
| IA BURLINGTON       | 76              | 55              | 81           | 48          | 65      | -6                    | 0.03              | -0.82                 | 0.01                     | 0.02                  | 3                       | 40.96                  | 150                     | 88                        | 48              | 0              | 0            | 3                | 0                |
| CEDAR RAPIDS        | 71              | 48              | 76           | 44          | 60      | -9                    | 0.03              | -0.91                 | 0.01                     | 0.02                  | 3                       | 37.89                  | 152                     | 96                        | 50              | 0              | 0            | 3                | 0                |
| DES MOINES          | 74              | 54              | 80           | 49          | 64      | -6                    | 0.00              | -0.93                 | 0.00                     | 0.00                  | 0                       | 26.68                  | 102                     | 82                        | 52              | 0              | 0            | 0                | 0                |
| DUBUQUE             | 71              | 47              | 76           | 43          | 59      | -8                    | 0.00              | -1.03                 | 0.00                     | 0.00                  | 0                       | 33.28                  | 128                     | 95                        | 57              | 0              | 0            | 0                | 0                |
| SIOUX CITY          | 74              | 51              | 80           | 45          | 63      | -5                    | 3.14              | 2.53                  | 3.07                     | 3.14                  | 730                     | 22.70                  | 114                     | 91                        | 63              | 0              | 0            | 2                | 1                |
| WATERLOO            | 73              | 45              | 78           | 41          | 59      | -9                    | 0.02              | -0.83                 | 0.01                     | 0.01                  | 2                       | 27.88                  | 111                     | 96                        | 58              | 0              | 0            | 2                | 0                |
| KS CONCORDIA        | 76              | 54              | 81           | 44          | 65      | -8                    | 0.80              | 0.19                  | 0.79                     | 0.80                  | 186                     | 18.73                  | 84                      | 97                        | 73              | 0              | 0            | 2                | 1                |
| DODGE CITY          | 81              | 56              | 87           | 52          | 69      | -6                    | 0.05              | -0.44                 | 0.05                     | 0.00                  | 0                       | 18.15                  | 102                     | 88                        | 42              | 0              | 0            | 1                | 0                |
| GOODLAND            | 78              | 53              | 88           | 51          | 66      | -3                    | 0.00              | -0.35                 | 0.00                     | 0.00                  | 0                       | 15.26                  | 92                      | 87                        | 54              | 0              | 0            | 0                | 0                |
| TOPEKA              | 74              | 54              | 80           | 48          | 64      | -9                    | 0.46              | -0.44                 | 0.41                     | 0.46                  | 71                      | 33.25                  | 129                     | 94                        | 74              | 0              | 0            | 2                | 0                |

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending September 5, 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              | 61              | 83           | 53          | 70      | -6                    | 0.32              | -0.36                 | 0.23                     | 0.32                   | 65                      | 27.95                  | 125                     | 88                        | 57              | 0              | 0            | 2                | 0                |  |
| KY JACKSON          | 78              | 58              | 82           | 52          | 68      | -4                    | 0.00              | -0.91                 | 0.00                     | 0.00                   | 0                       | 40.90                  | 118                     | 87                        | 48              | 0              | 0            | 0                | 0                |  |
| KY LEXINGTON        | 78              | 57              | 82           | 52          | 68      | -5                    | 0.00              | -0.74                 | 0.00                     | 0.00                   | 0                       | 37.36                  | 113                     | 80                        | 47              | 0              | 0            | 0                | 0                |  |
| KY LOUISVILLE       | 80              | 60              | 86           | 53          | 70      | -5                    | 0.10              | -0.59                 | 0.05                     | 0.10                   | 20                      | 37.43                  | 118                     | 82                        | 44              | 0              | 0            | 2                | 0                |  |
| LA PADUCAH          | 81              | 57              | 85           | 54          | 69      | -5                    | 2.29              | 1.57                  | 2.29                     | 2.29                   | 440                     | 37.65                  | 111                     | 95                        | 48              | 0              | 0            | 1                | 1                |  |
| LA BATON ROUGE      | 89              | 68              | 92           | 63          | 79      | -1                    | 0.50              | -0.79                 | 0.44                     | 0.50                   | 54                      | 30.08                  | 66                      | 89                        | 45              | 3              | 0            | 2                | 0                |  |
| LA LAKE CHARLES     | 89              | 69              | 92           | 64          | 79      | -2                    | 0.16              | -1.19                 | 0.16                     | 0.00                   | 0                       | 41.74                  | 107                     | 89                        | 50              | 3              | 0            | 1                | 0                |  |
| LA NEW ORLEANS      | 88              | 75              | 91           | 73          | 81      | -1                    | 0.32              | -1.23                 | 0.16                     | 0.32                   | 29                      | 37.50                  | 81                      | 79                        | 58              | 1              | 0            | 2                | 0                |  |
| LA SHREVEPORT       | 85              | 66              | 92           | 59          | 75      | -6                    | 0.39              | -0.21                 | 0.36                     | 0.39                   | 91                      | 31.45                  | 90                      | 88                        | 53              | 1              | 0            | 2                | 0                |  |
| ME CARIBOU          | 70              | 46              | 79           | 39          | 58      | -1                    | 0.17              | -0.69                 | 0.16                     | 0.00                   | 0                       | 24.69                  | 97                      | 95                        | 50              | 0              | 0            | 2                | 0                |  |
| ME PORTLAND         | 74              | 52              | 80           | 48          | 63      | -1                    | 0.00              | -0.69                 | 0.00                     | 0.00                   | 0                       | 39.26                  | 133                     | 93                        | 52              | 0              | 0            | 0                | 0                |  |
| MD BALTIMORE        | 79              | 57              | 85           | 53          | 68      | -4                    | 0.01              | -0.88                 | 0.01                     | 0.00                   | 0                       | 32.85                  | 113                     | 86                        | 63              | 0              | 0            | 1                | 0                |  |
| MA BOSTON           | 73              | 58              | 76           | 55          | 66      | -4                    | 0.00              | -0.80                 | 0.00                     | 0.00                   | 0                       | 27.98                  | 99                      | 79                        | 54              | 0              | 0            | 0                | 0                |  |
| MA WORCESTER        | 74              | 55              | 79           | 52          | 65      | 0                     | 0.02              | -0.91                 | 0.01                     | 0.02                   | 3                       | 35.20                  | 108                     | 87                        | 46              | 0              | 0            | 2                | 0                |  |
| MI ALPENA           | 73              | 45              | 79           | 39          | 59      | -2                    | 0.00              | -0.73                 | 0.00                     | 0.00                   | 0                       | 24.87                  | 125                     | 95                        | 45              | 0              | 0            | 0                | 0                |  |
| MI GRAND RAPIDS     | 74              | 49              | 79           | 44          | 62      | -4                    | 0.00              | -1.02                 | 0.00                     | 0.00                   | 0                       | 29.21                  | 118                     | 88                        | 42              | 0              | 0            | 0                | 0                |  |
| MI HOUGHTON LAKE    | 72              | 37              | 78           | 31          | 55      | -6                    | 0.00              | -0.87                 | 0.00                     | 0.00                   | 0                       | 21.19                  | 107                     | 99                        | 53              | 0              | 1            | 0                | 0                |  |
| MI LANSING          | 73              | 47              | 78           | 42          | 60      | -5                    | 0.00              | -0.93                 | 0.00                     | 0.00                   | 0                       | 30.83                  | 143                     | 91                        | 52              | 0              | 0            | 0                | 0                |  |
| MI MUSKOGON         | 72              | 47              | 78           | 41          | 59      | -6                    | 0.00              | -0.94                 | 0.00                     | 0.00                   | 0                       | 24.67                  | 115                     | 92                        | 50              | 0              | 0            | 0                | 0                |  |
| MI TRAVERSE CITY    | 72              | 45              | 77           | 40          | 58      | -7                    | 0.01              | -0.85                 | 0.01                     | 0.01                   | 2                       | 20.08                  | 90                      | 95                        | 42              | 0              | 0            | 1                | 0                |  |
| MN DULUTH           | 72              | 48              | 76           | 38          | 60      | 0                     | 0.00              | -1.05                 | 0.00                     | 0.00                   | 0                       | 19.03                  | 86                      | 87                        | 56              | 0              | 0            | 0                | 0                |  |
| MN INT'L FALLS      | 74              | 41              | 78           | 32          | 57      | -2                    | 0.00              | -0.76                 | 0.00                     | 0.00                   | 0                       | 17.75                  | 102                     | 98                        | 49              | 0              | 1            | 0                | 0                |  |
| MN MINNEAPOLIS      | 73              | 52              | 79           | 49          | 63      | -3                    | 0.00              | -0.83                 | 0.00                     | 0.00                   | 0                       | 16.57                  | 74                      | 82                        | 48              | 0              | 0            | 0                | 0                |  |
| MN ROCHESTER        | 72              | 45              | 77           | 41          | 58      | -6                    | 0.00              | -0.88                 | 0.00                     | 0.00                   | 0                       | 19.33                  | 82                      | 92                        | 58              | 0              | 0            | 0                | 0                |  |
| MN ST. CLOUD        | 74              | 44              | 79           | 40          | 59      | -4                    | 0.00              | -0.88                 | 0.00                     | 0.00                   | 0                       | 20.30                  | 100                     | 93                        | 41              | 0              | 0            | 0                | 0                |  |
| MS JACKSON          | 86              | 65              | 90           | 60          | 76      | -4                    | 0.09              | -0.66                 | 0.05                     | 0.04                   | 7                       | 35.26                  | 89                      | 96                        | 53              | 1              | 0            | 2                | 0                |  |
| MS MERIDIAN         | 85              | 64              | 89           | 58          | 74      | -6                    | 1.07              | 0.35                  | 0.88                     | 0.92                   | 174                     | 34.19                  | 81                      | 96                        | 65              | 0              | 0            | 5                | 1                |  |
| MS TUPELO           | 84              | 62              | 87           | 56          | 73      | -5                    | 0.01              | -0.66                 | 0.01                     | 0.00                   | 0                       | 36.05                  | 94                      | 93                        | 55              | 0              | 0            | 1                | 0                |  |
| MO COLUMBIA         | 74              | 53              | 79           | 49          | 64      | -8                    | 0.06              | -0.77                 | 0.04                     | 0.06                   | 10                      | 31.38                  | 111                     | 92                        | 57              | 0              | 0            | 2                | 0                |  |
| MO KANSAS CITY      | 74              | 58              | 80           | 51          | 66      | -7                    | 0.24              | -0.67                 | 0.17                     | 0.24                   | 36                      | 35.67                  | 133                     | 87                        | 56              | 0              | 0            | 3                | 0                |  |
| MO SAINT LOUIS      | 76              | 58              | 83           | 52          | 67      | -8                    | 1.48              | 0.81                  | 1.48                     | 1.48                   | 308                     | 29.50                  | 110                     | 86                        | 53              | 0              | 0            | 1                | 1                |  |
| MO SPRINGFIELD      | 74              | 56              | 78           | 48          | 65      | -9                    | 0.48              | -0.58                 | 0.36                     | 0.48                   | 62                      | 33.95                  | 114                     | 90                        | 66              | 0              | 0            | 2                | 0                |  |
| MT BILLINGS         | 89              | 58              | 95           | 54          | 73      | 7                     | 0.01              | -0.21                 | 0.01                     | 0.01                   | 6                       | 7.99                   | 73                      | 55                        | 23              | 4              | 0            | 1                | 0                |  |
| MT BUTTE            | 80              | 48              | 85           | 44          | 64      | 7                     | 0.59              | 0.31                  | 0.44                     | 0.00                   | 0                       | 10.37                  | 104                     | 85                        | 23              | 0              | 0            | 2                | 0                |  |
| MT CUT BANK         | 86              | 47              | 93           | 42          | 67      | 9                     | 0.09              | -0.28                 | 0.09                     | 0.09                   | 35                      | 4.49                   | 43                      | 70                        | 18              | 1              | 0            | 1                | 0                |  |
| MT GLASGOW          | 88              | 48              | 93           | 0           | 68      | 4                     | 0.00              | -0.25                 | 0.00                     | 0.00                   | 0                       | 8.35                   | 93                      | 67                        | 37              | 3              | 1            | 0                | 0                |  |
| MT GREAT FALLS      | 87              | 52              | 94           | 47          | 70      | 9                     | 0.01              | -0.33                 | 0.01                     | 0.00                   | 0                       | 11.50                  | 98                      | 61                        | 17              | 2              | 0            | 1                | 0                |  |
| MT HAVRE            | 91              | 50              | 99           | 43          | 71      | 8                     | 0.13              | -0.12                 | 0.13                     | 0.13                   | 72                      | 6.69                   | 74                      | 67                        | 30              | 5              | 0            | 1                | 0                |  |
| MT MISSOULA         | 87              | 50              | 93           | 45          | 69      | 7                     | 0.09              | -0.19                 | 0.08                     | 0.01                   | 5                       | 9.57                   | 96                      | 74                        | 43              | 2              | 0            | 2                | 0                |  |
| NE GRAND ISLAND     | 74              | 54              | 79           | 45          | 64      | -6                    | 0.13              | -0.54                 | 0.13                     | 0.13                   | 28                      | 19.44                  | 96                      | 91                        | 70              | 0              | 0            | 1                | 0                |  |
| NE LINCOLN          | 74              | 53              | 81           | 42          | 64      | -8                    | 0.43              | -0.31                 | 0.43                     | 0.43                   | 81                      | 15.54                  | 72                      | 89                        | 64              | 0              | 0            | 1                | 0                |  |
| NE NORFOLK          | 72              | 52              | 79           | 43          | 62      | -7                    | 1.90              | 1.33                  | 1.89                     | 1.90                   | 463                     | 18.43                  | 88                      | 94                        | 68              | 0              | 0            | 2                | 1                |  |
| NE NORTH PLATTE     | 77              | 51              | 83           | 43          | 64      | -4                    | 0.00              | -0.34                 | 0.00                     | 0.00                   | 0                       | 17.66                  | 109                     | 94                        | 48              | 0              | 0            | 0                | 0                |  |
| NE OMAHA            | 73              | 54              | 79           | 46          | 63      | -8                    | 1.02              | 0.29                  | 1.02                     | 1.02                   | 196                     | 21.16                  | 94                      | 92                        | 72              | 0              | 0            | 1                | 1                |  |
| NE SCOTTSBLUFF      | 84              | 53              | 93           | 50          | 69      | 2                     | 0.00              | -0.24                 | 0.00                     | 0.00                   | 0                       | 15.25                  | 118                     | 89                        | 49              | 2              | 0            | 0                | 0                |  |
| NE VALENTINE        | 77              | 52              | 83           | 39          | 64      | -4                    | 0.01              | -0.36                 | 0.01                     | 0.01                   | 4                       | 19.21                  | 121                     | 92                        | 50              | 0              | 0            | 1                | 0                |  |
| NV ELY              | 83              | 46              | 86           | 40          | 64      | 2                     | 0.02              | -0.17                 | 0.01                     | 0.02                   | 14                      | 7.30                   | 104                     | 50                        | 22              | 0              | 0            | 2                | 0                |  |
| NV LAS VEGAS        | 102             | 81              | 105          | 77          | 92      | 6                     | 0.00              | -0.06                 | 0.00                     | 0.00                   | 0                       | 1.28                   | 39                      | 28                        | 20              | 7              | 0            | 0                | 0                |  |
| NV RENO             | 90              | 58              | 93           | 55          | 74      | 7                     | 0.00              | -0.08                 | 0.00                     | 0.00                   | 0                       | 4.74                   | 95                      | 42                        | 21              | 5              | 0            | 0                | 0                |  |
| NV WINNEMUCCA       | 91              | 47              | 93           | 45          | 69      | 3                     | 0.01              | -0.08                 | 0.01                     | 0.01                   | 14                      | 5.57                   | 99                      | 41                        | 16              | 5              | 0            | 1                | 0                |  |
| NH CONCORD          | 77              | 47              | 84           | 40          | 62      | -3                    | 0.02              | -0.70                 | 0.02                     | 0.00                   | 0                       | 33.81                  | 136                     | 97                        | 42              | 0              | 0            | 1                | 0                |  |
| NJ NEWARK           | 80              | 61              | 86           | 55          | 71      | -2                    | 0.00              | -0.91                 | 0.00                     | 0.00                   | 0                       | 32.44                  | 100                     | 71                        | 45              | 0              | 0            | 0                | 0                |  |
| NM ALBUQUERQUE      | 88              | 63              | 91           | 60          | 76      | 2                     | 0.03              | -0.28                 | 0.01                     | 0.03                   | 14                      | 3.59                   | 55                      | 57                        | 23              | 2              | 0            | 3                | 0                |  |
| NY ALBANY           | 76              | 52              | 80           | 46          | 64      | -2                    | 0.00              | -0.83                 | 0.00                     | 0.00                   | 0                       | 29.78                  | 114                     | 93                        | 44              | 0              | 0            | 0                | 0                |  |
| NY BINGHAMTON       | 72              | 49              | 76           | 44          | 61      | -2                    | 0.00              | -0.83                 | 0.00                     | 0.00                   | 0                       | 26.10                  | 99                      | 86                        | 62              | 0              | 0            | 0                | 0                |  |
| NY BUFFALO          | 73              | 53              | 79           | 50          | 63      | -3                    | 0.00              | -0.98                 | 0.00                     | 0.00                   | 0                       | 25.89                  | 98                      | 88                        | 50              | 0              | 0            | 0                | 0                |  |
| NY ROCHESTER        | 73              | 50              | 77           | 45          | 61      | -5                    | 0.01              | -0.87                 | 0.01                     | 0.00                   | 0                       | 24.49                  | 107                     | 97                        | 58              | 0              | 0            | 1                | 0                |  |
| NY SYRACUSE         | 75              | 51              | 79           | 46          | 63      | -3                    | 0.04              | -0.88                 | 0.04                     | 0.00                   | 0                       | 24.70                  | 93                      | 89                        | 46              | 0              | 0            | 1                | 0                |  |
| NC ASHEVILLE        | 76              | 58              | 82           | 50          | 67      | -3                    | 0.40              | -0.59                 | 0.32                     | 0.00                   | 0                       | 34.04                  | 101                     | 97                        | 65              | 0              | 0            | 2                | 0                |  |
| NC CHARLOTTE        | 82              | 61              | 89           | 56          | 72      | -5                    | 0.20              | -0.65                 | 0.14                     | 0.00                   | 0                       | 30.81                  | 102                     | 87                        | 45              | 0              | 0            | 2                | 0                |  |
| NC GREENSBORO       | 81              | 60              | 88           | 56          | 71      | -3                    | 0.80              | -0.09                 | 0.79                     | 0.00                   | 0                       | 25.26                  | 84                      | 83                        | 43              | 0              | 0            | 2                | 1                |  |
| NC HATTERAS         | 81              | 73              | 87           | 72          | 77      | -1                    | 0.26              | -1.21                 | 0.23                     | 0.01                   | 1                       | 26.28                  | 69                      | 89                        | 70              | 0              | 0            | 3                | 0                |  |
| NC RALEIGH          | 82              | 61              | 89           | 57          | 71      | -4                    | 0.15              | -0.76                 | 0.14                     | 0.00                   | 0                       | 22.98                  | 76                      | 84                        | 66              | 0              | 0            | 2                | 0                |  |
| NC WILMINGTON       | 82              | 67              | 90           | 64          | 75      | -3                    | 0.69              | -1.01                 | 0.41                     | 0.24                   | 20                      | 35.60                  | 86                      | 90                        | 59              | 1              | 0            | 7                | 0                |  |
| ND BISMARCK         | 81              | 52              | 89           | 42          | 66      | 2                     | 0.00              | -0.41                 | 0.00                     | 0.00                   | 0                       | 18.74                  | 143                     | 94                        | 68              | 0              | 0            | 0                | 0                |  |
| ND DICKINSON        | 82              | 52              | 92           | 46          | 67      | 3                     | 0.00              | -0.36                 | 0.00                     | 0.00                   | 0                       | 12.17                  | 96                      | 95                        | 37              | 1              | 0            | 0                | 0                |  |
| ND FARGO            | 76              | 52              | 81           | 37          | 64      | 0                     | 0.00              | -0.53                 | 0.00                     | 0.00                   | 0                       | 15.13                  | 96                      | 84                        | 45              | 0              | 0            | 0                | 0                |  |
| ND GRAND FORKS      | 77              | 49              | 82           | 38          | 63      | 0                     | 0.00              | -0.53                 | 0.00                     | 0.00                   | 0                       | 13.55                  | 92                      | 93                        | 47              | 0              | 0            | 0                | 0                |  |
| ND JAMESTOWN        | 76              | 49              | 82           | 38          | 63      | -1                    | 0.00              | -0.43                 | 0.00                     | 0.00                   | 0                       | 9.72                   | 67                      | 97                        | 50              | 0              | 0            | 0                | 0                |  |
| ND WILLISTON        | 83              | 51              | 92           | 46          | 67      | 4                     | 0.00              | -0.30                 | 0.00                     | 0.00                   | 0                       | 11.77                  | 108                     | 90                        | 54              | 1              | 0            | 0                | 0                |  |
| OH AKRON-CANTON     | 73              | 50              | 78           | 46          | 62      | -6                    | 0.00              | -0.83                 | 0.00                     | 0.00                   | 0                       | 25.90                  | 96                      | 91                        | 56              | 0              | 0            | 0                | 0                |  |
| OH CINCINNATI       | 79              | 57              | 83           | 50          | 68      | -4                    | 0.04              | -0.74                 | 0.02                     | 0.04                   | 7                       | 29.05                  | 95                      | 80                        | 46              | 0              | 0            | 2                | 0                |  |
| OH CLEVELAND        | 73              | 51              | 78           | 47          | 62      | -6                    | 0.20              | -0.73                 | 0.20                     | 0.00                   | 0                       | 24.10                  | 91                      | 91                        | 48              | 0              | 0            | 1                | 0                |  |
| OH COLUMBUS         | 76              | 53              | 81           | 49          | 65      | -6                    | 0.00              | -0.76                 | 0.00                     | 0.00                   | 0                       | 24.07                  | 87                      | 83                        | 56              | 0              | 0            | 0                | 0                |  |
| OH DAYTON           | 75              | 50              | 80           | 45          | 63      | -7                    | 0.00              | -0.72                 | 0.00                     | 0.00                   | 0                       | 24.22                  | 85                      | 87                        | 43              | 0              | 0            | 0                | 0                |  |
| OH MANSFIELD        | 73              | 48              | 77           | 43          | 60      | -7                    | 0.00              | -1.01                 | 0.00                     | 0.00                   | 0                       | 25.63                  | 83                      | 95                        | 41              | 0              | 0            | 0                | 0                |  |

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending September 5, 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 | 90 AND ABOVE   | 32 AND BELOW | TEMP. °F        |                 | PRECIP          |                 |
|                     |                 |                 |              |             |         |                       |                   |                       |                          |                       |                         |                       |                         |                           |                 |                |              | 01 INCH OR MORE | 50 INCH OR MORE | 01 INCH OR MORE | 50 INCH OR MORE |
| OK TOLEDO           | 75              | 50              | 80           | 47          | 62      | -6                    | 0.00              | -0.77                 | 0.00                     | 0.00                  | 0                       | 27.42                 | 118                     | 92                        | 52              | 0              | 0            | 0               | 0               |                 |                 |
| OK YOUNGSTOWN       | 74              | 48              | 79           | 42          | 61      | -5                    | 0.10              | -0.78                 | 0.10                     | 0.00                  | 0                       | 25.03                 | 95                      | 88                        | 72              | 0              | 0            | 1               | 0               |                 |                 |
| OK OKLAHOMA CITY    | 81              | 63              | 86           | 60          | 72      | -6                    | 0.00              | -0.70                 | 0.00                     | 0.00                  | 0                       | 23.69                 | 96                      | 79                        | 51              | 0              | 0            | 0               | 0               |                 |                 |
| OR TULSA            | 80              | 60              | 83           | 50          | 70      | -9                    | 0.62              | -0.27                 | 0.26                     | 0.62                  | 95                      | 29.85                 | 105                     | 85                        | 62              | 0              | 0            | 4               | 0               |                 |                 |
| OR ASTORIA          | 68              | 55              | 72           | 49          | 61      | 1                     | 0.23              | -0.23                 | 0.12                     | 0.23                  | 70                      | 34.23                 | 89                      | 89                        | 73              | 0              | 0            | 3               | 0               |                 |                 |
| OR BURNS            | 85              | 42              | 89           | 36          | 64      | 4                     | 0.00              | -0.08                 | 0.00                     | 0.00                  | 0                       | 7.95                  | 114                     | 64                        | 28              | 0              | 0            | 0               | 0               |                 |                 |
| OR EUGENE           | 79              | 53              | 85           | 48          | 66      | 1                     | 0.76              | 0.41                  | 0.74                     | 0.76                  | 304                     | 17.87                 | 61                      | 86                        | 66              | 0              | 0            | 2               | 1               |                 |                 |
| OR MEDFORD          | 88              | 55              | 94           | 53          | 72      | 2                     | 0.00              | -0.17                 | 0.00                     | 0.00                  | 0                       | 8.06                  | 76                      | 65                        | 25              | 3              | 0            | 0               | 0               |                 |                 |
| OR PENDLETON        | 85              | 55              | 92           | 49          | 70      | 2                     | 0.00              | -0.14                 | 0.00                     | 0.00                  | 0                       | 9.22                  | 113                     | 67                        | 36              | 3              | 0            | 0               | 0               |                 |                 |
| OR PORTLAND         | 78              | 59              | 85           | 56          | 69      | 2                     | 0.89              | 0.58                  | 0.75                     | 0.88                  | 383                     | 18.36                 | 86                      | 81                        | 66              | 0              | 0            | 4               | 1               |                 |                 |
| OR SALEM            | 79              | 56              | 85           | 51          | 68      | 3                     | 0.53              | 0.27                  | 0.53                     | 0.53                  | 279                     | 16.66                 | 73                      | 80                        | 61              | 0              | 0            | 1               | 1               |                 |                 |
| PA ALLENTOWN        | 78              | 52              | 82           | 46          | 65      | -3                    | 0.00              | -1.04                 | 0.00                     | 0.00                  | 0                       | 29.34                 | 94                      | 92                        | 54              | 0              | 0            | 0               | 0               |                 |                 |
| PA ERIE             | 71              | 53              | 75           | 47          | 62      | -7                    | 0.25              | -0.88                 | 0.25                     | 0.00                  | 0                       | 28.66                 | 105                     | 89                        | 70              | 0              | 0            | 1               | 0               |                 |                 |
| PA MIDDLETOWN       | 77              | 57              | 82           | 52          | 67      | -4                    | 0.00              | -0.80                 | 0.00                     | 0.00                  | 0                       | 28.74                 | 103                     | 87                        | 40              | 0              | 0            | 0               | 0               |                 |                 |
| PA PHILADELPHIA     | 80              | 62              | 85           | 57          | 71      | -3                    | 0.00              | -0.88                 | 0.00                     | 0.00                  | 0                       | 32.45                 | 110                     | 73                        | 44              | 0              | 0            | 0               | 0               |                 |                 |
| PA PITTSBURGH       | 75              | 51              | 81           | 48          | 63      | -6                    | 0.00              | -0.79                 | 0.00                     | 0.00                  | 0                       | 24.51                 | 91                      | 85                        | 39              | 0              | 0            | 0               | 0               |                 |                 |
| PA WILKES-BARRE     | 75              | 50              | 80           | 42          | 63      | -4                    | 0.00              | -0.82                 | 0.00                     | 0.00                  | 0                       | 25.17                 | 98                      | 92                        | 42              | 0              | 0            | 0               | 0               |                 |                 |
| PA WILLIAMSPORT     | 77              | 52              | 82           | 48          | 65      | -3                    | 0.00              | -0.88                 | 0.00                     | 0.00                  | 0                       | 25.62                 | 90                      | 92                        | 61              | 0              | 0            | 0               | 0               |                 |                 |
| RI PROVIDENCE       | 77              | 55              | 83           | 51          | 66      | -3                    | 0.00              | -0.94                 | 0.00                     | 0.00                  | 0                       | 34.90                 | 112                     | 85                        | 52              | 0              | 0            | 0               | 0               |                 |                 |
| SC BEAUFORT         | 84              | 74              | 93           | 68          | 79      | 0                     | 0.19              | -1.25                 | 0.19                     | 0.00                  | 0                       | 33.52                 | 91                      | 80                        | 58              | 1              | 0            | 1               | 0               |                 |                 |
| SC CHARLESTON       | 84              | 69              | 91           | 65          | 77      | -2                    | 0.15              | -1.50                 | 0.15                     | 0.00                  | 0                       | 40.49                 | 107                     | 92                        | 60              | 1              | 0            | 1               | 0               |                 |                 |
| SC COLUMBIA         | 86              | 65              | 94           | 58          | 75      | -3                    | 1.88              | 0.75                  | 0.96                     | 0.91                  | 114                     | 29.90                 | 83                      | 91                        | 58              | 1              | 0            | 3               | 2               |                 |                 |
| SC GREENVILLE       | 82              | 63              | 90           | 58          | 73      | -3                    | 0.08              | -0.78                 | 0.03                     | 0.03                  | 5                       | 27.73                 | 78                      | 88                        | 48              | 1              | 0            | 3               | 0               |                 |                 |
| SD ABERDEEN         | 75              | 50              | 80           | 40          | 62      | -4                    | 0.04              | -0.44                 | 0.04                     | 0.04                  | 12                      | 14.69                 | 92                      | 94                        | 65              | 0              | 0            | 1               | 0               |                 |                 |
| SD HURON            | 74              | 53              | 80           | 41          | 64      | -3                    | 0.16              | -0.25                 | 0.16                     | 0.16                  | 53                      | 15.02                 | 91                      | 91                        | 54              | 0              | 0            | 1               | 0               |                 |                 |
| SD RAPID CITY       | 83              | 52              | 91           | 48          | 67      | 0                     | 0.00              | -0.27                 | 0.00                     | 0.00                  | 0                       | 13.99                 | 105                     | 85                        | 36              | 1              | 0            | 0               | 0               |                 |                 |
| SD SIOUX FALLS      | 73              | 49              | 78           | 41          | 61      | -6                    | 0.32              | -0.36                 | 0.30                     | 0.32                  | 67                      | 14.53                 | 77                      | 94                        | 60              | 0              | 0            | 2               | 0               |                 |                 |
| TN BRISTOL          | 81              | 58              | 86           | 54          | 70      | -1                    | 0.02              | -0.65                 | 0.02                     | 0.00                  | 0                       | 31.02                 | 104                     | 94                        | 45              | 0              | 0            | 1               | 0               |                 |                 |
| TN CHATTANOOGA      | 82              | 64              | 87           | 61          | 73      | -4                    | 0.00              | -0.91                 | 0.00                     | 0.00                  | 0                       | 32.00                 | 84                      | 89                        | 56              | 0              | 0            | 0               | 0               |                 |                 |
| TN KNOXVILLE        | 81              | 63              | 85           | 61          | 72      | -3                    | 0.00              | -0.61                 | 0.00                     | 0.00                  | 0                       | 41.87                 | 121                     | 92                        | 53              | 0              | 0            | 0               | 0               |                 |                 |
| TN MEMPHIS          | 84              | 65              | 89           | 59          | 75      | -4                    | 0.42              | -0.30                 | 0.39                     | 0.42                  | 81                      | 36.03                 | 97                      | 82                        | 48              | 0              | 0            | 2               | 0               |                 |                 |
| TN NASHVILLE        | 81              | 61              | 85           | 56          | 71      | -5                    | 0.43              | -0.38                 | 0.03                     | 0.43                  | 74                      | 36.08                 | 109                     | 90                        | 48              | 0              | 0            | 1               | 0               |                 |                 |
| TX ABILENE          | 91              | 65              | 95           | 62          | 78      | -2                    | 0.38              | -0.28                 | 0.38                     | 0.38                  | 81                      | 13.14                 | 83                      | 78                        | 41              | 4              | 0            | 1               | 0               |                 |                 |
| TX AMARILLO         | 84              | 59              | 92           | 57          | 72      | -1                    | 0.10              | -0.48                 | 0.09                     | 0.10                  | 24                      | 19.53                 | 126                     | 86                        | 39              | 1              | 0            | 2               | 0               |                 |                 |
| TX AUSTIN           | 93              | 69              | 98           | 67          | 81      | -2                    | 0.08              | -0.46                 | 0.08                     | 0.08                  | 21                      | 14.99                 | 68                      | 77                        | 43              | 7              | 0            | 1               | 0               |                 |                 |
| TX BEAUMONT         | 89              | 70              | 94           | 65          | 80      | -2                    | 0.00              | -1.33                 | 0.00                     | 0.00                  | 0                       | 32.20                 | 80                      | 90                        | 46              | 4              | 0            | 0               | 0               |                 |                 |
| TX BROWNSVILLE      | 91              | 74              | 93           | 72          | 83      | 0                     | 1.14              | 0.08                  | 0.57                     | 0.57                  | 74                      | 7.11                  | 43                      | 86                        | 68              | 6              | 0            | 3               | 1               |                 |                 |
| TX CORPUS CHRISTI   | 93              | 75              | 101          | 71          | 84      | 1                     | 0.46              | -0.61                 | 0.44                     | 0.44                  | 57                      | 4.54                  | 22                      | 89                        | 59              | 6              | 0            | 2               | 0               |                 |                 |
| TX DEL RIO          | 93              | 73              | 96           | 69          | 83      | 0                     | 0.11              | -0.26                 | 0.11                     | 0.11                  | 41                      | 9.51                  | 75                      | 75                        | 50              | 6              | 0            | 1               | 0               |                 |                 |
| TX EL PASO          | 92              | 70              | 93           | 66          | 81      | 2                     | 0.00              | -0.39                 | 0.00                     | 0.00                  | 0                       | 4.19                  | 69                      | 45                        | 23              | 6              | 0            | 0               | 0               |                 |                 |
| TX FORT WORTH       | 91              | 70              | 96           | 68          | 81      | -1                    | 0.19              | -0.20                 | 0.16                     | 0.19                  | 68                      | 22.91                 | 98                      | 78                        | 42              | 4              | 0            | 2               | 0               |                 |                 |
| TX GALVESTON        | 90              | 77              | 94           | 73          | 83      | 0                     | 0.78              | -0.51                 | 0.78                     | 0.00                  | 0                       | 14.67                 | 52                      | 83                        | 50              | 5              | 0            | 1               | 1               |                 |                 |
| TX HOUSTON          | 90              | 71              | 94           | 66          | 81      | -1                    | 0.79              | -0.21                 | 0.79                     | 0.79                  | 110                     | 22.87                 | 72                      | 86                        | 63              | 4              | 0            | 1               | 1               |                 |                 |
| TX LUBBOCK          | 88              | 63              | 94           | 60          | 76      | 1                     | 0.22              | -0.38                 | 0.22                     | 0.22                  | 51                      | 8.24                  | 61                      | 75                        | 47              | 3              | 0            | 1               | 0               |                 |                 |
| TX MIDLAND          | 90              | 65              | 93           | 63          | 77      | -1                    | 0.50              | 0.06                  | 0.42                     | 0.49                  | 153                     | 10.96                 | 113                     | 68                        | 44              | 5              | 0            | 3               | 0               |                 |                 |
| TX SAN ANGELO       | 93              | 65              | 95           | 62          | 79      | 0                     | 0.16              | -0.44                 | 0.16                     | 0.16                  | 36                      | 15.44                 | 112                     | 78                        | 44              | 6              | 0            | 1               | 0               |                 |                 |
| TX SAN ANTONIO      | 94              | 72              | 97           | 69          | 83      | 0                     | 0.19              | -0.44                 | 0.11                     | 0.19                  | 42                      | 8.62                  | 39                      | 78                        | 34              | 7              | 0            | 2               | 0               |                 |                 |
| TX VICTORIA         | 96              | 72              | 99           | 69          | 84      | 1                     | 0.00              | -0.95                 | 0.00                     | 0.00                  | 0                       | 8.46                  | 32                      | 94                        | 56              | 7              | 0            | 0               | 0               |                 |                 |
| TX WACO             | 95              | 71              | 101          | 67          | 83      | 0                     | 0.17              | -0.27                 | 0.15                     | 0.17                  | 53                      | 16.52                 | 76                      | 76                        | 48              | 7              | 0            | 2               | 0               |                 |                 |
| TX WICHITA FALLS    | 91              | 65              | 100          | 60          | 78      | -2                    | 0.02              | -0.65                 | 0.02                     | 0.02                  | 4                       | 18.57                 | 95                      | 80                        | 46              | 4              | 0            | 1               | 0               |                 |                 |
| UT SALT LAKE CITY   | 92              | 64              | 96           | 59          | 78      | 7                     | 0.00              | -0.20                 | 0.00                     | 0.00                  | 0                       | 11.93                 | 107                     | 46                        | 17              | 5              | 0            | 0               | 0               |                 |                 |
| VT BURLINGTON       | 75              | 50              | 81           | 44          | 63      | -2                    | 0.01              | -0.93                 | 0.01                     | 0.00                  | 0                       | 24.79                 | 101                     | 95                        | 44              | 0              | 0            | 1               | 0               |                 |                 |
| VA LYNCHBURG        | 79              | 55              | 87           | 51          | 67      | -5                    | 0.05              | -0.74                 | 0.05                     | 0.00                  | 0                       | 26.59                 | 88                      | 89                        | 43              | 0              | 0            | 1               | 0               |                 |                 |
| VA NORFOLK          | 78              | 68              | 84           | 65          | 73      | -3                    | 0.36              | -0.63                 | 0.33                     | 0.03                  | 4                       | 36.94                 | 112                     | 88                        | 62              | 0              | 0            | 2               | 0               |                 |                 |
| VA RICHMOND         | 81              | 61              | 88           | 56          | 71      | -3                    | 0.01              | -0.87                 | 0.01                     | 0.00                  | 0                       | 24.50                 | 80                      | 82                        | 54              | 0              | 0            | 1               | 0               |                 |                 |
| VA ROANOKE          | 80              | 58              | 86           | 51          | 69      | -3                    | 0.08              | -0.79                 | 0.08                     | 0.08                  | 13                      | 32.38                 | 108                     | 82                        | 51              | 0              | 0            | 1               | 0               |                 |                 |
| WA WASH/DULLES      | 81              | 57              | 87           | 53          | 69      | -3                    | 0.00              | -0.91                 | 0.00                     | 0.00                  | 0                       | 31.43                 | 109                     | 81                        | 58              | 0              | 0            | 0               | 0               |                 |                 |
| WA OLYMPIA          | 73              | 52              | 80           | 45          | 62      | 0                     | 0.18              | -0.21                 | 0.13                     | 0.17                  | 59                      | 25.53                 | 89                      | 97                        | 79              | 0              | 0            | 4               | 0               |                 |                 |
| WA QUILLAYUTE       | 67              | 52              | 73           | 45          | 60      | 1                     | 1.09              | 0.40                  | 0.81                     | 1.09                  | 218                     | 37.73                 | 64                      | 92                        | 78              | 0              | 0            | 2               | 1               |                 |                 |
| WA SEATTLE-TACOMA   | 71              | 56              | 76           | 54          | 63      | -1                    | 0.39              | 0.07                  | 0.27                     | 0.39                  | 163                     | 19.83                 | 95                      | 91                        | 72              | 0              | 0            | 2               | 0               |                 |                 |
| WA SPOKANE          | 83              | 58              | 93           | 50          | 70      | 5                     | 0.00              | -0.17                 | 0.00                     | 0.00                  | 0                       | 9.46                  | 90                      | 63                        | 28              | 2              | 0            | 0               | 0               |                 |                 |
| WA YAKIMA           | 83              | 53              | 91           | 48          | 68      | 3                     | 0.37              | 0.29                  | 0.21                     | 0.37                  | 617                     | 4.50                  | 91                      | 80                        | 51              | 3              | 0            | 2               | 0               |                 |                 |
| WV BECKLEY          | 73              | 51              | 78           | 48          | 62      | -5                    | 0.00              | -0.70                 | 0.00                     | 0.00                  | 0                       | 30.98                 | 102                     | 90                        | 70              | 0              | 0            | 0               | 0               |                 |                 |
| WV CHARLESTON       | 80              | 54              | 84           | 52          | 67      | -4                    | 0.00              | -0.85                 | 0.00                     | 0.00                  | 0                       | 33.34                 | 106                     | 99                        | 45              | 0              | 0            | 0               | 0               |                 |                 |
| WV ELKINS           | 75              | 46              | 79           | 40          | 61      | -6                    | 0.00              | -0.94                 | 0.00                     | 0.00                  | 0                       | 39.39                 | 119                     | 100                       | 41              | 0              | 0            | 0               | 0               |                 |                 |
| WV HUNTINGTON       | 80              | 55              | 83           | 52          | 67      | -5                    | 0.00              | -0.73                 | 0.00                     | 0.00                  | 0                       | 36.43                 | 119                     | 93                        | 42              | 0              | 0            | 0               | 0               |                 |                 |
| WI EAU CLAIRE       | 73              | 43              | 78           | 40          | 58      | -7                    | 0.04              | -1.04                 | 0.01                     | 0.03                  | 4                       | 17.05                 | 71                      | 99                        | 42              | 0              | 0            | 4               | 0               |                 |                 |
| WI GREEN BAY        | 73              | 44              | 78           | 40          | 59      | -5                    | 0.00              | -0.87                 | 0.00                     | 0.00                  | 0                       | 17.63                 | 85                      | 96                        | 42              | 0              | 0            | 0               | 0               |                 |                 |
| WI LA CROSSE        | 74              | 48              | 79           | 45          | 61      | -7                    | 0.00              | -0.95                 | 0.00                     | 0.00                  | 0                       | 19.76                 | 82                      | 99                        | 42              | 0              | 0            | 0               | 0               |                 |                 |
| WI MADISON          | 74              | 43              | 79           | 40          | 58      | -8                    | 0.00              | -0.94                 | 0.00                     | 0.00                  | 0                       | 25.35                 | 104                     | 97                        | 52              | 0              | 0            | 0               | 0               |                 |                 |
| WI MILWAUKEE        | 68              | 49              | 72           | 46          | 59      | -9                    | 0.00              | -0.92                 | 0.00                     | 0.00                  | 0                       | 24.26                 | 98                      | 86                        | 57              | 0              | 0            | 0               | 0               |                 |                 |
| WY CASPER           | 88              | 45              | 91           | 42          | 66      | 2                     | 0.03              | -0.11                 | 0.03                     | 0.00                  | 0                       | 11.85                 | 124                     | 78                        | 32              | 3              | 0            | 1               | 0               |                 |                 |
| WY CHEYENNE         | 80              | 51              | 88           | 48          | 65      | 3                     | 0.02              | -0.34                 | 0.02                     | 0.00                  | 0                       | 13.90                 | 112                     | 76                        | 44              | 0              | 0            | 1               | 0               |                 |                 |
| WY LANDER           | 85              | 53              | 87           | 50          | 69      | 4                     | 0.10              | -0.05                 | 0.10                     | 0.00                  | 0                       | 12.29                 | 130                     | 56                        | 16              | 0              | 0            | 1               | 0               |                 |                 |
| WY SHERIDAN         | 88              | 49              | 94           | 45          | 68      | 5                     | 0.02              | -0.21                 | 0.02                     | 0.00                  | 0                       | 9.98                  | 94                      | 78                        | 32              | 3              | 0            | 1               | 0               |                 |                 |

Based on 1971-2000 normals

\*\*\* Not Available

## August Weather Summary

*Weather summary provided by USDA/WAOB*

**Highlights:** A summer-long cool spell continued through the end of August across the Plains and the Midwest, providing an absence of heat stress for crops such as corn, soybeans, and spring wheat, but perpetuating a slow pace of crop development. August temperatures averaged as much as 4 to 6°F below normal across the northern and central Plains and the upper Midwest. In contrast, temperatures rebounded to near- to above-normal levels in the East, while extreme heat persisted across drought-stricken southern Texas. Hot weather also continued in the Desert Southwest, but temperatures fell slightly from July's lofty levels in the Pacific Northwest.

Across the Plains and Midwest, abundant August showers maintained generally favorable soil moisture levels for late-developing summer crops. Farther south and east, historic drought continued to grip southern Texas, while pockets of unfavorable dryness developed in the middle and southern Atlantic coastal plain. Across the remainder of the South, mild, showery weather prevented significant stress on pastures and immature summer crops.

Elsewhere, drier-than-normal weather in most areas from the Rockies westward contrasted with wet conditions across the interior Northwest. Especially dry conditions were noted in the Southwest, where rainfall associated with the summer rainy season (monsoon) was significantly below normal. In California, typical late-summer dryness and the effects of a 3-year drought contributed to an increase in wildfire activity.

**Summary:** Heat lingered across the Northwest into early August, where Omak, WA (106, 100, and 101°F), opened the month with three daily-record highs in a row. Phoenix, AZ (113 and 114°F), noted consecutive daily-record highs on August 2-3. In Oregon, Portland's record-setting, 10-day streak (July 25 - August 3) of highs of 90°F or higher ended with a maximum of 85°F on August 4. Portland's previous standard of 8 consecutive 90-degree days had been set from August 12-19, 1967. Meanwhile in Texas, Corpus Christi reported 52 consecutive days (July 8 - August 28) with a high temperature above 95°F, shattering its record of 26 days set from August 7 - September 1, 2005. Corpus Christi also experienced 85 consecutive days (June 8 - August 31) with an above-normal daily average temperature. Elsewhere in drought-ravaged southern Texas, San Antonio set a record for the greatest number of days in a calendar year with triple-digit highs. San Antonio reached or exceeded 100°F on 36 days in 1998, but achieved triple digits on 59 days through August 31, 2009.

In contrast, chilly conditions persisted across the nation's northern tier, where Williston, ND (40°F), posted a daily-record low for August 4. Later, cool air spilled into the Northeast, where New York locations such as Watertown (43°F) and Massena (46°F) posted record lows for August 8. Meanwhile, markedly cooler air invaded the West, resulting in dozens of daily-record lows. Ely, NV (31°F), collected a daily-record low for August 7, followed by consecutive daily record lows (27 and 29°F) in Fort Valley, AZ, on August 8-9. Other readings below the freezing mark on August 8 included 30°F at Utah's Bryce Canyon Airport and 31°F in Chama, NM.

Early in the month, heavy rain fell in parts of the Atlantic Coast States, where record totals for August 2 included 1.66 inches at Wallops Island, VA, and 1.52 inches in Atlantic City, NJ. Later, thunderstorms caused significant flooding in portions of the lower Ohio Valley and adjacent areas of the Mid-South. August 4 was the wettest August day on record in Louisville, KY (4.53 inches; previously, 3.76 inches on August 8, 1879), and the second-wettest August day in Indianapolis, IN (3.81 inches; behind only 4.46 inches on August 6, 1976). The following day in Arkansas, daily records for August 5 included 2.15 inches in Jonesboro and 2.11 inches in Pine Bluff. Farther west, showers associated with an unusually strong storm system pelted the interior Northwest. In Idaho, Boise (1.73 inches from August 6-8) registered its wettest 3-day period on record in August, superceding 1.66 inches from August 12-14, 1979. Similarly, Missoula, MT (2.38 inches on August 6-7), experienced its wettest 2-day August period, topping the August 1947 mark of 1.45 inches. At the same time, heavy rain erupted across the northern Plains and the upper Midwest, with some 4- to 6-inch totals observed in the latter region. Daily-record amounts reached 2.97 inches (on August 7) in Sisseton, SD, and 2.55 inches (on August 8) in La Crosse, WI. On August 9, thunderstorms left a swath of localized wind and hail damage from the central Plains into the lower Great Lakes region, including parts of Iowa, where 3-inch diameter hail was reported in Hardin County.

At mid-month, showery weather in the Southeast set the stage for the arrival of the season's first landfalling tropical storm—Claudette—which developed on August 16 just south of Florida's panhandle. On August 16 in Apalachicola, FL, Claudette produced a daily-record rainfall total (3.57 inches) and a wind gust to 52 m.p.h. Claudette made landfall early August 17, a few minutes after midnight local time, on the eastern end of Santa Rosa Island near Fort Walton Beach, FL. Less than 24 hours after making landfall, Claudette dissipated near the Alabama-Mississippi border. In the days leading up to Claudette's arrival, daily-record rainfall totals in excess of 2 inches were widespread across the central and eastern U.S. Amounts included 3.37 inches (on August 11) in Tupelo, MS; 2.58 inches (on August 10) in Springfield, MO; 2.36 inches (on August 9) in Dubuque, IA; 2.34 inches (on August 12) in Brunswick, GA; and 2.32 inches (on August 9) in Amarillo, TX. In some areas, severe weather accompanied the rainfall; for example, a thunderstorm wind gust to 78 m.p.h. was clocked during the evening of August 15 in Thedford, NE. Heavy showers also dotted the Northwest, where Quillayute, WA (1.01 inches) netted a daily-record sum for August 10. Elsewhere in Washington, Seattle's August 10-13 rainfall of 0.76 inch more than tripled its May 20 - August 9 sum of 0.24 inch. In Rawlins, WY, the January - August precipitation total of 12.96 inches (187 percent of normal) surpassed its 1998 annual record of 12.63 inches. In the Rockies of western Montana and north-central Idaho, as much as 1 to 2 inches of snow fell on August 14-15 at elevations above 8,000 feet.

Farther east, New York's Central Park (91°F on August 10) experienced its first 90-degree heat since April 28. Heat also persisted across southern Texas, where McAllen reached or

exceeded 100°F on 49 consecutive days from July 12 - August 29. In contrast, Western daily-record lows for August 9 included 29°F in Fort Valley, AZ; 31°F in Alamosa, CO; and 33°F in Ely, NV. A few days later, heat briefly built into the northern Plains, where Minot, ND (100°F on August 12), tallied a daily-record high. At mid-month, however, chilly weather returned to the northern High Plains, where highs on August 15 topped out at just 58°F in Sheridan, WY, and 66°F in Miles City, MT. A mid-month chill also prevailed across the northern Intermountain West, where daily-record lows for August 15 dipped to 24°F in Stanley, ID, and 36°F in Redmond, OR. In California, however, the West's largest active fire—the La Brea incident, about 20 miles east of Santa Maria—grew to more than 85,000 acres by August 16. Less than 2 weeks later, southern California's Station fire exploded near La Cañada Flintridge. By September 8, the blaze had destroyed 166 structures (including more than six dozen residences) and had charred more than 160,000 acres of vegetation, becoming California's eighth-largest wildfire since 1932. In downtown Los Angeles, CA, only a few miles from the massive Station fire, high temperatures reached or exceeded 90°F on 10 consecutive days from August 26 - September 4. It was the city's longest string of 90-degree days since August-September 1995, when Los Angeles experienced a 13-day heat wave.

On August 17, Rawlins, WY (32°F), recorded its earliest first freeze during the last 55 years (previously, August 31, 1956, 1962, and 2005). Cool air also arrived on the Plains, where daily records for August 17 included 56°F in Dodge City, KS, and 44°F in Scottsbluff, NE. Elsewhere in Nebraska, daily records for August 21 included 39°F in Alliance and 43°F in Scottsbluff. Meanwhile, heat shifted into the Atlantic Coast States and returned to the West. On August 18, Eastern daily-record highs climbed to 95°F in Boston, MA, and 98°F at Virginia's Dulles Airport. A day later, highs soared to record levels for August 19 in Walla Walla, WA (107°F), and The Dalles, OR (106°F). Records for August 20 included 114°F in Needles, CA, and 102°F in Omak, WA. Winnemucca, NV, posted consecutive daily-record highs of 101°F on August 20-21 after notching a daily-record low of 35°F on August 16.

In Amarillo, TX, a 2.30-inch rainfall on August 17 helped to boost its monthly total to 9.08 inches (309 percent of normal). Amarillo's previous August rainfall record of 7.55 inches was set in 1974. Elsewhere on August 17, daily-record amounts included 3.15 inches in Kansas City, MO, and 3.24 inches in Fort Wayne, IN. Chillicothe, MO, netted 7.22 inches of rain on August 16-17, while as much as 5 to 10 inches pelted parts of Kosciusko County, IN, in a 24-hour period on August 17-18. Later, heavy rain resulted in records for August 19 in Duluth, MN (2.89 inches), and Joplin, MO (3.13 inches). Joplin's 2-day rainfall reached 5.58 inches. Eventually, heavy showers shifted into the South and East. New Orleans, LA (3.35 inches), netted a daily-record rainfall for August 21, followed the next day by records in locations such as Norfolk, VA (3.40 inches), and Trenton, NJ (3.29 inches). In Texas, however, San Antonio set a record for its lowest 2-year precipitation total. San Antonio received 24.83 inches (38 percent of normal) from September 2007 - August 2009, compared to the 2-year record low of 30.23 inches from August 1954 - July 1956.

In the tropics, Bill—the first Atlantic Basin hurricane of the year—passed between Bermuda and the East Coast of the United States on August 21-22 before striking southeastern Canada on August 23-24. Bill passed about 160 miles southeast of Nantucket, MA, prior to dawn on August 23. Later, Bill grazed Nova Scotia before crossing southeastern Newfoundland on the night of August 23-24. Heavy precipitation associated with a cold front, not Hurricane Bill, fell on August 23 in coastal New England, where Portland, ME, netted 2.97 inches of rain and reported a westerly wind gust to 48 m.p.h. Portland's summer rainfall reached 22.31 inches (231 percent of normal), surpassing its June-August 1991 mark of 19.04 inches. A summer rainfall record was also established in Pocatello, ID (6.88 inches, or 307 percent of normal), shattering its June-August 1968 and 1993 standard of 5.92 inches.

On August 26, Hastings, NE (4.09 inches), experienced its eighth-wettest day on record, while Rockford, IL (2.75 inches), netted a daily-record rainfall. From August 25-27, Cedar Rapids, IA, endured 7.15 inches of rain. Later, heavy rain spread into the Southeast, where Pensacola, FL (3.16 inches), and Knoxville, TN (2.79 inches), received record-setting totals for August 27. At month's end, locally heavy showers lingered from the Great Lakes region into the Northeast. In Michigan, daily-record totals for August 29 included 1.71 inches in Alpena and 1.64 inches in Marquette. Although Tropical Storm Danny was absorbed by a cold front prior to reaching New England, the former tropical system contributed to another round of rain and gusty winds. On August 29, Bangor, ME, measured a daily-record rainfall of 2.08 inches, while a wind gust to 61 m.p.h. was clocked just off the Massachusetts coast on Horseshoe Shoal in Nantucket Sound.

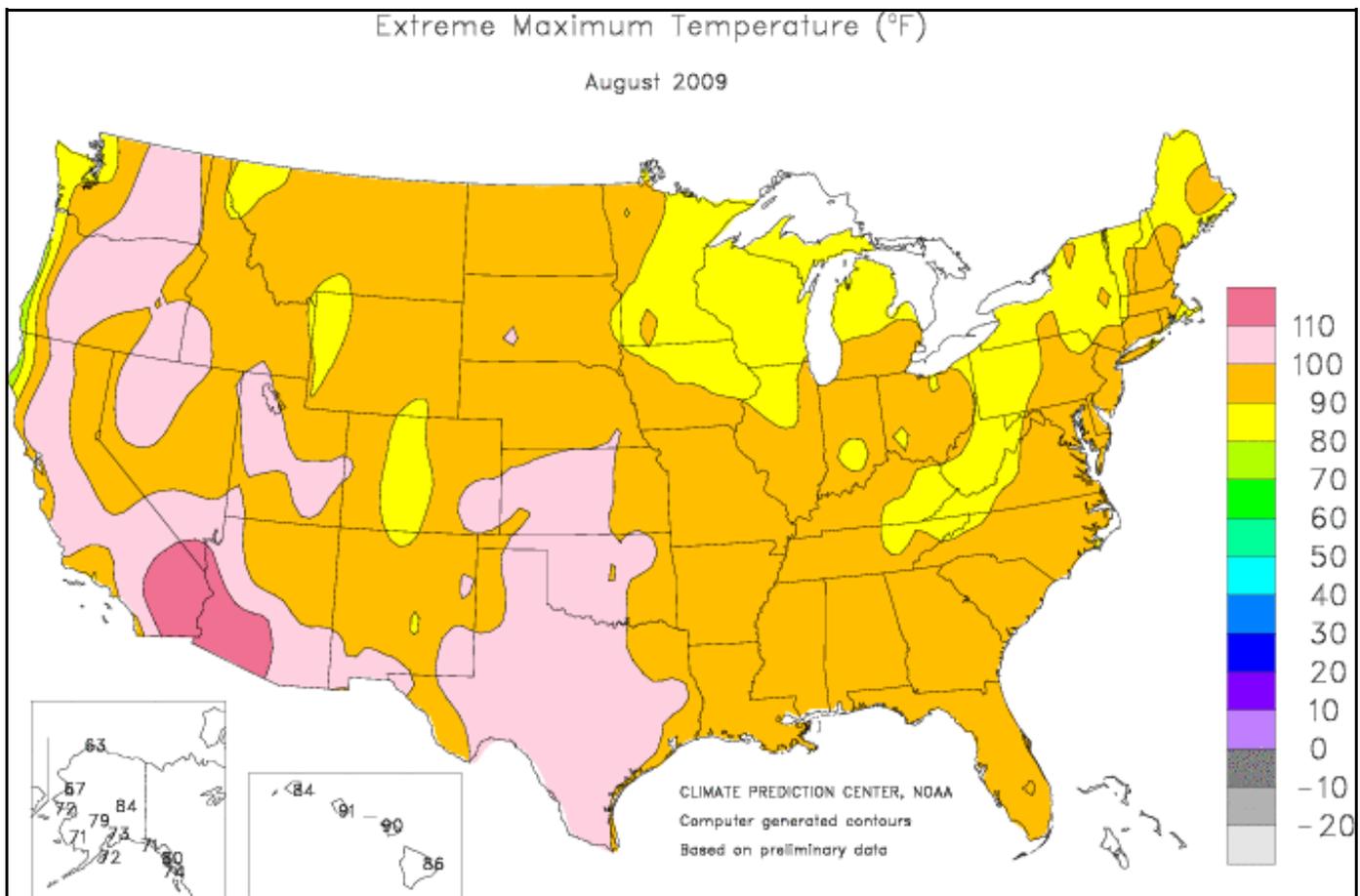
Toward the end of August, cool air settled across the South, resulting in consecutive daily-record lows on August 24-25 in Mississippi locations such as Meridian (55 and 58°F) and Vicksburg (55 and 57°F). Farther west, heat subsided on the southern Plains but expanded west of the Rockies. In Wichita Falls, TX, a high of 107°F on August 26 was the last of 4 consecutive days with triple-digit heat. Santa Ana, CA (102°F), posted a daily-record high on August 26, the same day that the Station fire started in the San Gabriel Mountains north of Los Angeles. Other triple-digit, daily-record highs in southern California included 103°F (on August 27) in Long Beach; 107°F (on August 27) in Fullerton; and 117°F (on August 28) in Palm Springs. On August 29, Santa Maria (104°F) posted a monthly record high, previously established with a reading of 103°F on August 28, 1962. Triple-digit heat also affected many other areas of the West, with highs reaching 113°F (from August 27-29) in Phoenix, AZ, and 102°F (on August 28) in Boise, ID. Farther east, however, chilly air returned to the Plains and Midwest. International Falls, MN (34 and 32°F), posted consecutive daily-record lows on August 29-30. Elsewhere on August 30, daily-record lows included 37°F in Sisseton, SD, and 38°F in Grand Forks, ND. In northern Iowa, Mason City noted lows of 38 and 39°F on August 31 and September 1, respectively. Daily-record lows for the last day of August included 31°F in Merrill, WI; 34°F in Gaylord, MI; and 42°F in Lincoln, NE.

As August ended, there were signs of drought relief in southern Texas. For example, Brownsville's August 30 – September 1 rainfall total of 1.14 inches surpassed its 0.76-inch sum during the preceding 93 days (May 29 – August 29). Despite the late-month weather change, summer records for average temperature were established in locations such as Victoria (86.6°F; previously, 86.2°F in 1998), Corpus Christi (86.8°F; previously, 85.9°F in 1998), San Antonio (87.8°F; previously, 86.2°F in 1980 and 1994), and Del Rio (88.8°F; previously, 88.7°F in 1998). Similarly, Tucson, AZ, completed its second-hottest July-August period on record, with an average temperature of 89.4°F. Only 1994, with a July-August average of 90.3°F, was hotter. Arizona's heat accompanied abnormal dryness; for example, rainfall from June 15 – August 31 totaled just 2.12 inches (46 percent of normal) in Tucson and 1.31 inches (38 percent) in Safford.

Following July's warmth, Alaskan temperatures returned to near- to below-normal levels during August, especially late in the month. August precipitation was mostly above normal, except in southwestern Alaska. Early in the month, enough warmth lingered across southeastern Alaska to produce daily-record highs in locations such as Anchorage (76°F on August 3) and Juneau (80°F on August 5). Despite improved weather conditions, Alaskan wildfires consumed more than 2.8 million acres of vegetation by early August, when the largest active fires were the 630,000-acre Railbelt complex near Nenana and the 444,000-acre Crazy Mountain complex near Circle. Later, Eielson Air Force Base (28°F on August 11), near Fairbanks, noted its earliest late-summer reading below 30°F (previously,

27°F on August 22, 1974). On August 20, daily-record lows were established in Bettles (29°F), McGrath (30°F), and Delta Junction (31°F). Late in the month, additional daily-record lows were set in several locations, including McGrath (25 and 28°F on August 25 and 26, respectively), Nome (28°F on August 26), King Salmon (30°F on August 26), and Galena (31°F on August 28). Meanwhile, August rainfall reached 17.50 inches (132 percent of normal) in Yakutat. Kotzebue, which experienced a cooler-than-normal month for the first time this year—with an August average of 49.8°F (2.3°F below normal)—received August rainfall totaling 3.18 inches (159 percent of normal). Elsewhere, Barrow (0.54 inch on August 24) experienced its wettest day since August 8, 2005, when 0.62 inch fell. In McGrath, one of the few remaining dry spots, July-August rainfall totaled just 2.02 inches (40 percent of normal).

In early August, west-bound Tropical Storm Lana passed well south of Hawaii. Later, Tropical Depression Felicia dissipated before reaching the Hawaiian Islands, but the former hurricane contributed to heavy rainfall. During a 72-hour period ending on the morning of August 14, rainfall reached 14.53 inches at the Oahu Forest National Wildlife Refuge and 16.51 inches on Kauai's Mount Waialeale. Windward locations on the Big Island, which missed much of Felicia's rainfall, continued to experience light but frequent showers for the remainder of the month. Despite measurable precipitation on every day of August except the 18<sup>th</sup>, Hilo's monthly rainfall totaled just 4.92 inches (50 percent of normal). In contrast, Lihue, Kauai, netted a monthly sum of 3.24 inches (170 percent of normal).



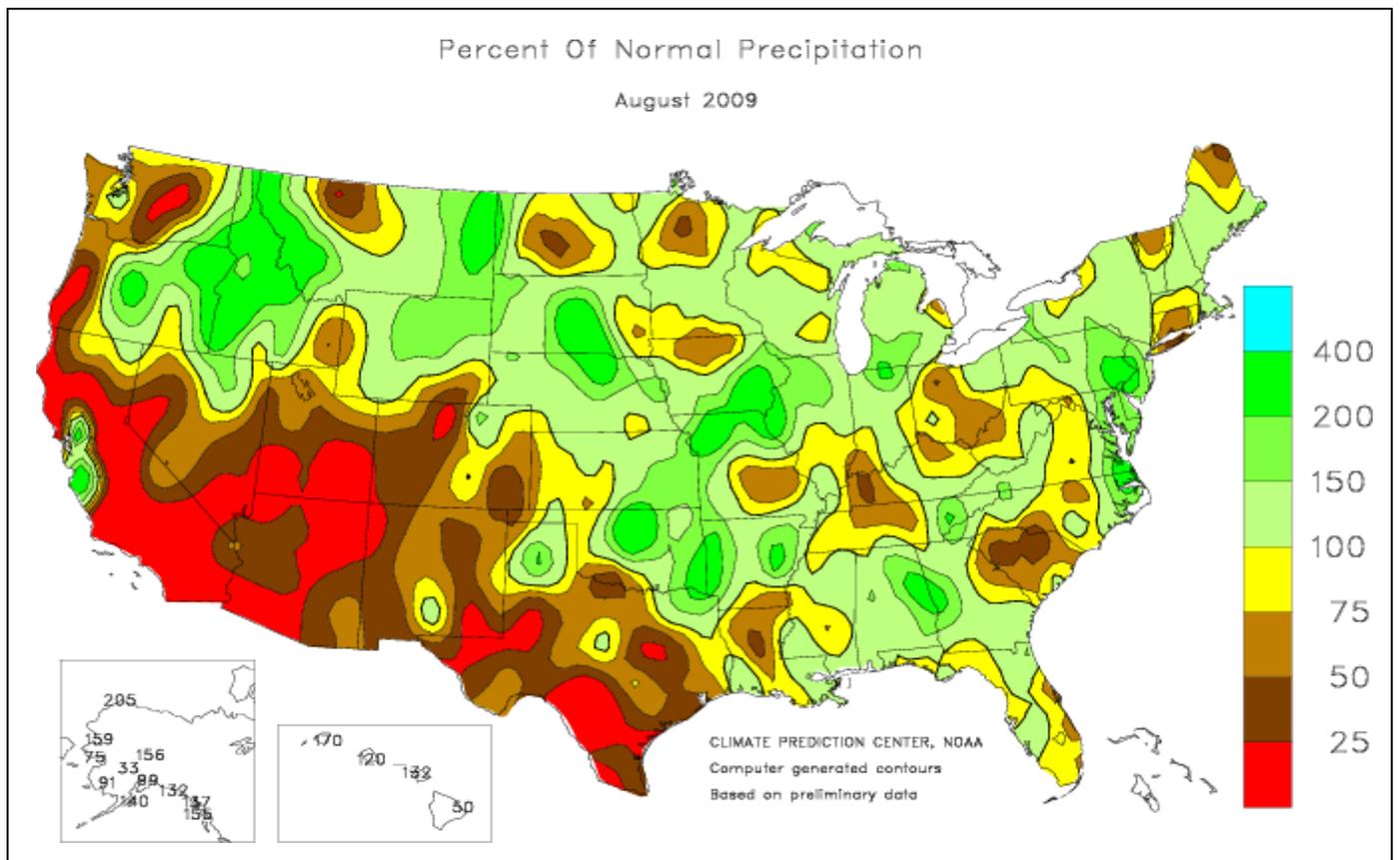
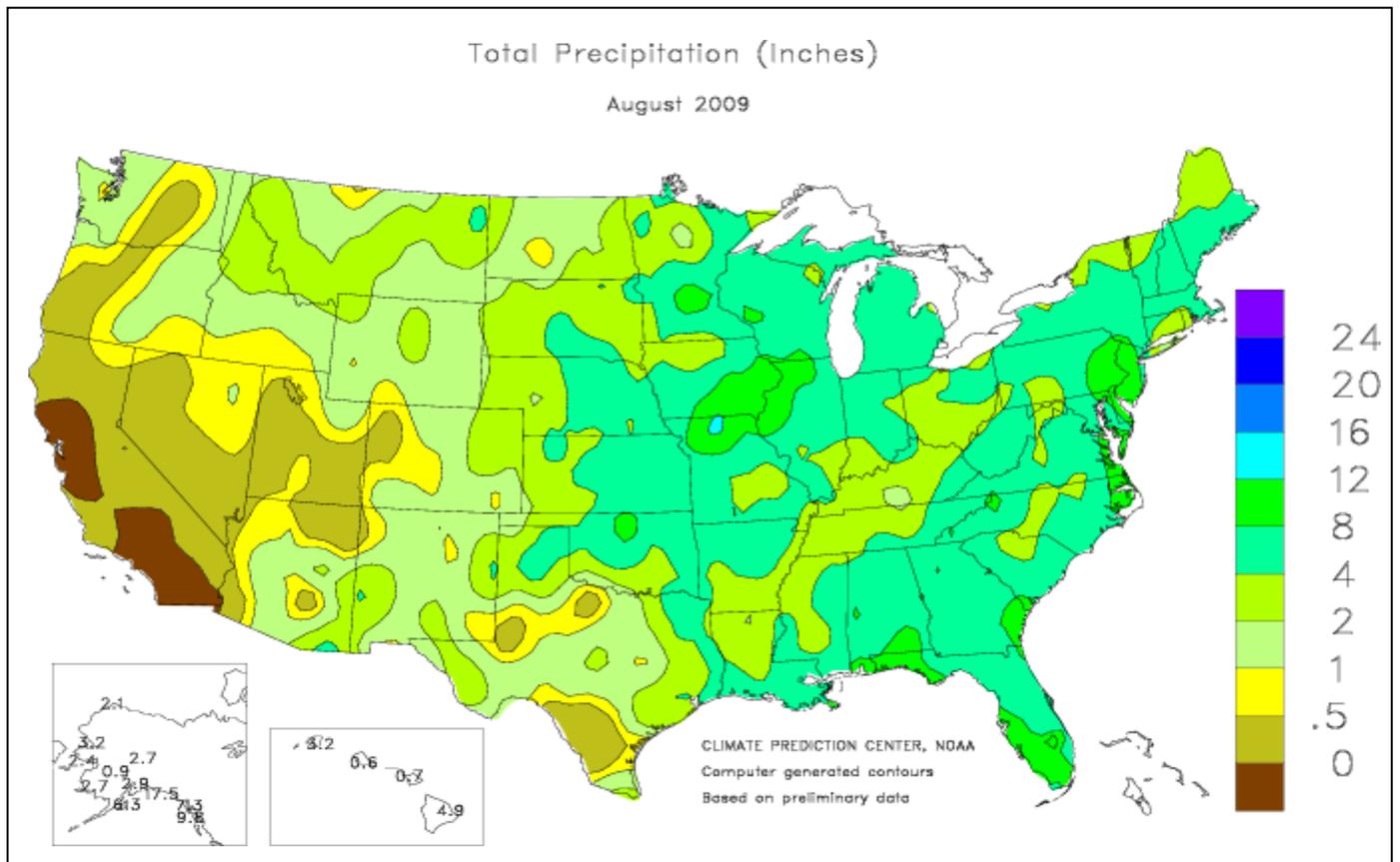
TEMPERATURE AND PRECIPITATION SUMMARY

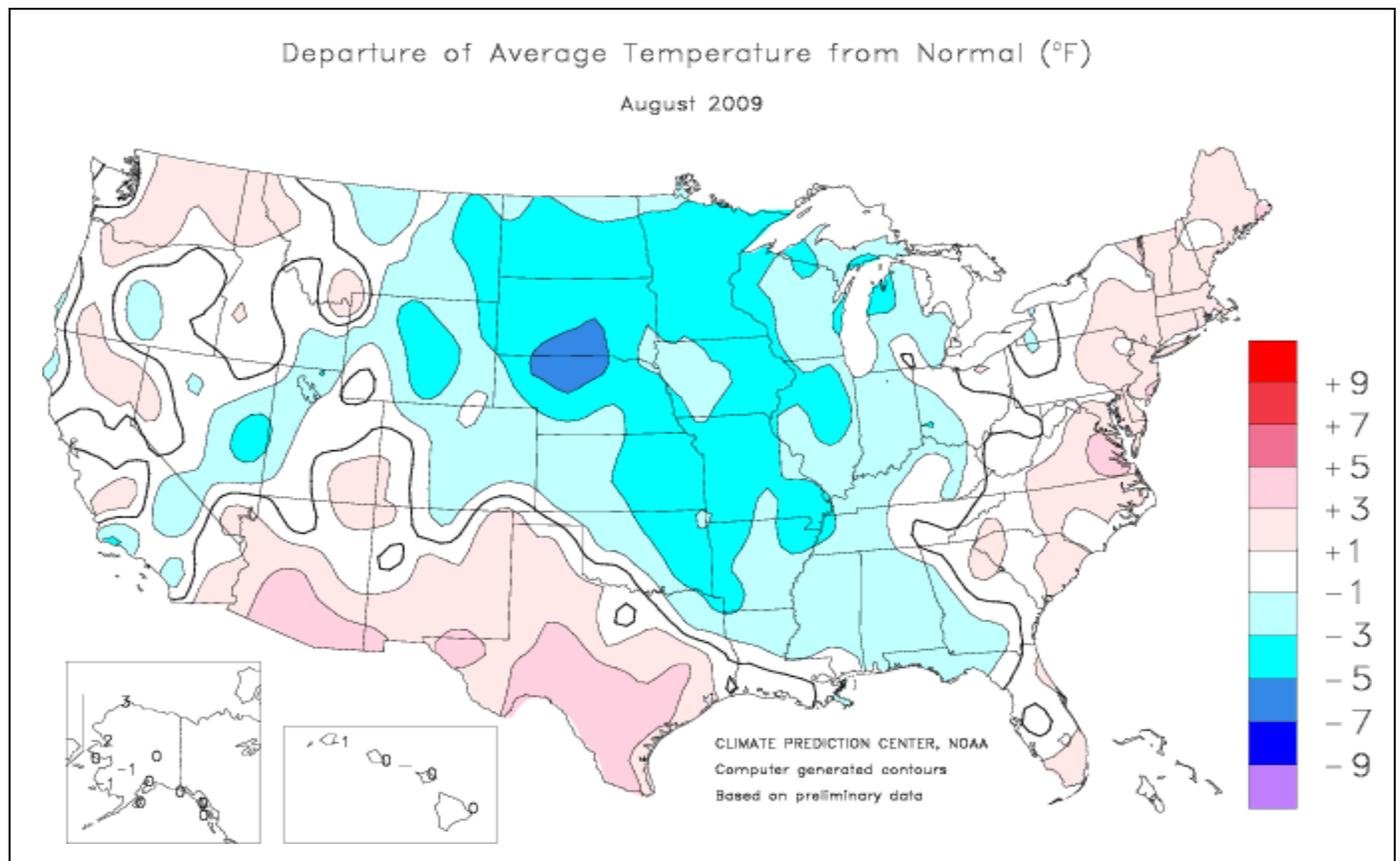
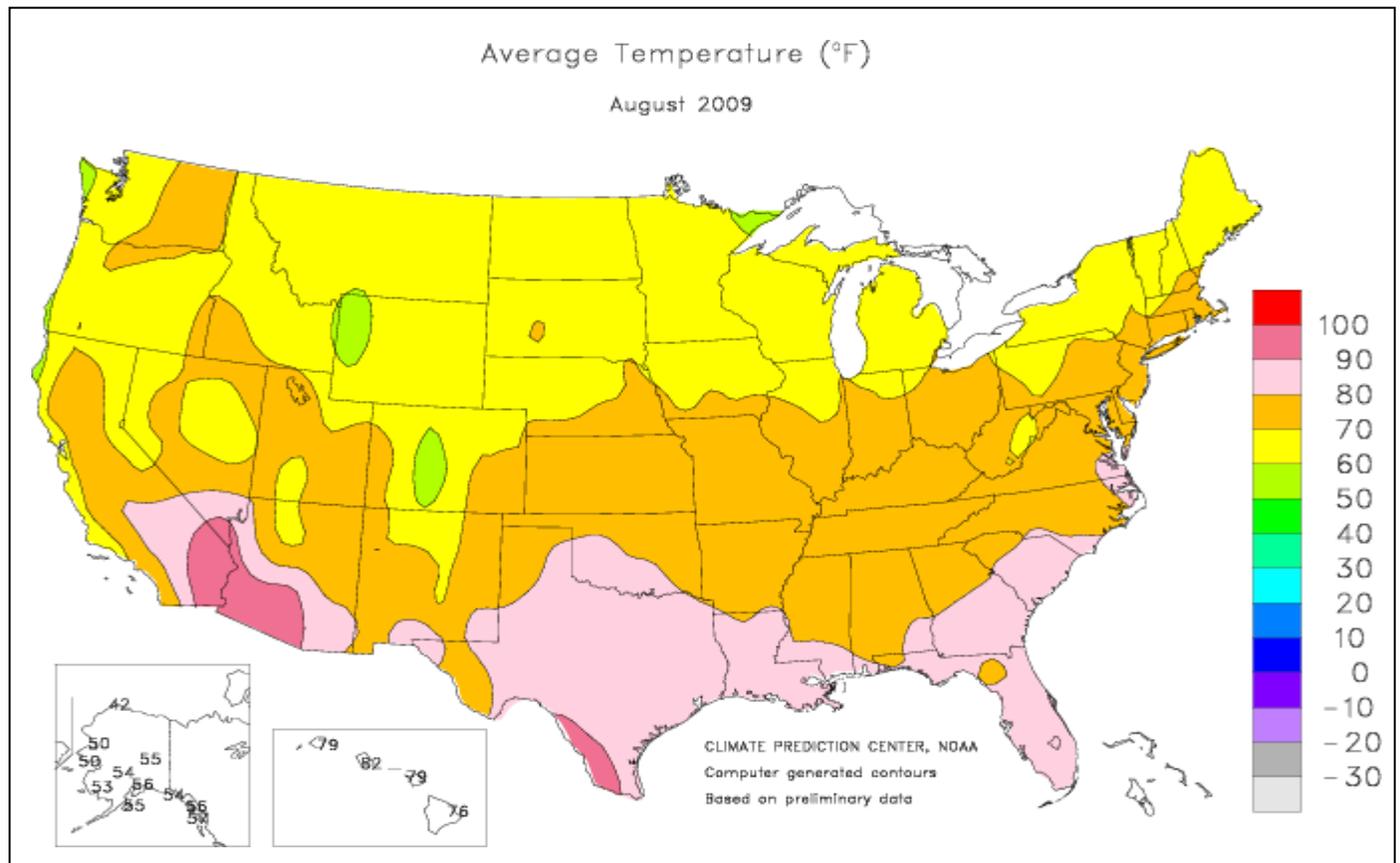
August 2009

| STATES AND STATIONS | TEMP, °F |           | PRECIP. |           | STATES AND STATIONS | TEMP, °F |           | PRECIP. |           | STATES AND STATIONS | TEMP, °F |           | PRECIP. |           |
|---------------------|----------|-----------|---------|-----------|---------------------|----------|-----------|---------|-----------|---------------------|----------|-----------|---------|-----------|
|                     | AVERAGE  | DEPARTURE | TOTAL   | DEPARTURE |                     | AVERAGE  | DEPARTURE | TOTAL   | DEPARTURE |                     | AVERAGE  | DEPARTURE | TOTAL   | DEPARTURE |
| AL BIRMINGHAM       | 79       | -1        | 4.49    | 1.01      | LEXINGTON           | 73       | -2        | 4.53    | 0.76      | COLUMBUS            | 73       | -1        | 3.27    | -0.45     |
| HUNTSVILLE          | 78       | -1        | 5.44    | 2.12      | LONDON-CORBIN       | 74       | 0         | 3.37    | 0.01      | DAYTON              | 71       | -1        | 2.03    | -1.46     |
| MOBILE              | 80       | -1        | 10.26   | 4.06      | LOUISVILLE          | 76       | -1        | 5.88    | 2.47      | MANSFIELD           | 70       | 1         | 3.22    | -1.38     |
| MONTGOMERY          | 80       | -1        | 2.31    | -1.32     | LOUDUCAH            | 75       | -1        | 3.73    | 0.74      | TOLEDO              | 71       | 0         | 2.96    | -0.23     |
| AK ANCHORAGE        | 56       | 0         | 2.89    | -0.04     | LA BATON ROUGE      | 82       | 1         | 6.55    | 0.69      | YOUNGSTOWN          | 70       | 2         | 4.11    | 0.68      |
| BARROW              | 42       | 3         | 2.13    | 1.09      | LAKE CHARLES        | 83       | 1         | 8.01    | 3.16      | OK OKLAHOMA CITY    | 79       | -2        | 5.74    | 3.26      |
| COLD BAY            | 50       | -2        | 3.24    | -0.35     | NEW ORLEANS         | 83       | 0         | 9.50    | 3.35      | TULSA               | 79       | -3        | 3.76    | 0.91      |
| FAIRBANKS           | 55       | -1        | 2.72    | 0.98      | SHREVEPORT          | 82       | -1        | 1.69    | -1.02     | OR ASTORIA          | 62       | 1         | 0.92    | -0.29     |
| JUNEAU              | 56       | 0         | 7.34    | 1.97      | ME BANGOR           | 68       | 0         | 2.70    | -0.29     | BURNS               | 65       | 1         | 0.32    | -0.13     |
| KING SALMON         | 53       | -2        | 1.68    | -1.21     | CARIBOU             | 65       | 2         | 1.60    | -2.55     | EUGENE              | 67       | 1         | 0.12    | -0.87     |
| KODIAK              | 55       | 0         | 6.25    | 1.77      | PORTLAND            | 70       | 3         | 5.15    | 2.10      | MEDFORD             | 74       | 1         | 0.38    | -0.14     |
| NOME                | 50       | -1        | 2.41    | -0.82     | MD BALTIMORE        | 76       | 2         | 4.76    | 1.02      | PENDLETON           | 72       | 0         | 1.04    | 0.48      |
| AZ FLAGSTAFF        | 65       | 1         | 0.74    | -2.15     | MA BOSTON           | 74       | 2         | 3.24    | -0.13     | PORTLAND            | 70       | 1         | 0.76    | -0.17     |
| PHOENIX             | 95       | 4         | 0.29    | -0.65     | WORCESTER           | 70       | 2         | 2.85    | -1.24     | SALEM               | 69       | 2         | 0.18    | -0.50     |
| TUCSON              | 89       | 4         | 0.39    | -1.91     | MI ALPENA           | 65       | 0         | 6.08    | 2.58      | PA ALLENTOWN        | 73       | 2         | 4.88    | 0.53      |
| AR FORT SMITH       | 79       | -3        | 5.10    | 2.54      | DETROIT             | 71       | -1        | 2.76    | -0.34     | ERIE                | 71       | 0         | 2.07    | -2.14     |
| LITTLE ROCK         | 79       | -2        | 2.75    | -0.18     | FLINT               | 67       | -2        | 5.47    | 2.04      | MIDDLETOWN          | 75       | 1         | 4.84    | 1.53      |
| CA BAKERSFIELD      | 83       | 1         | 0.00    | -0.08     | GRAND RAPIDS        | 69       | 0         | 4.74    | 0.96      | PHILADELPHIA        | 78       | 2         | 10.29   | 6.47      |
| EUREKA              | 56       | -3        | 0.02    | -0.36     | HOUGHTON LAKE       | 63       | -2        | 3.35    | -0.37     | PITTSBURGH          | 72       | 1         | 3.55    | 0.17      |
| FRESNO              | 82       | 2         | 0.00    | -0.01     | LANSING             | 68       | 0         | 6.44    | 2.98      | WILKES-BARRE        | 70       | 0         | 5.12    | 2.02      |
| LOS ANGELES         | 69       | -2        | 0.00    | -0.14     | MUSKEGON            | 68       | -1        | 5.04    | 1.27      | WILLIAMSPORT        | 73       | 2         | 4.38    | 1.00      |
| REDDING             | 80       | 1         | 0.00    | -0.22     | TRVERSE CITY        | 65       | -3        | 4.40    | 1.01      | PR SAN JUAN         | 84       | 2         | 8.57    | 3.35      |
| SACRAMENTO          | 75       | 0         | 0.00    | -0.06     | MN DULUTH           | 62       | -2        | 6.02    | 1.80      | RI PROVIDENCE       | 74       | 2         | 2.80    | -1.10     |
| SAN DIEGO           | 72       | -1        | 0.00    | -0.09     | INTL FALLS          | 60       | -4        | 2.54    | -0.60     | SC CHARLESTON       | 82       | 2         | 10.12   | 3.21      |
| SAN FRANCISCO       | 66       | 2         | 0.00    | -0.07     | MINNEAPOLIS         | 69       | -2        | 6.43    | 2.38      | COLUMBIA            | 82       | 2         | 3.82    | -1.59     |
| STOCKTON            | 76       | 0         | 0.00    | -0.05     | ROCHESTER           | 66       | -2        | 4.16    | -0.17     | FLORENCE            | 81       | 1         | 2.27    | -3.06     |
| CO ALAMOSA          | 61       | -1        | 0.71    | -0.48     | ST CLOUD            | 66       | -1        | 5.24    | 1.31      | GREENVILLE          | 79       | 1         | 1.21    | -2.87     |
| CO SPRINGS          | 67       | -1        | 1.84    | -1.64     | MS JACKSON          | 80       | -1        | 2.30    | -1.36     | MYRTLE BEACH        | 80       | 1         | 2.98    | -2.60     |
| DENVER              | 70       | -1        | 1.14    | -0.61     | MERIDIAN            | 79       | -2        | 2.16    | -1.18     | SD ABERDEEN         | 66       | -5        | 2.83    | 0.41      |
| GRAND JUNCTION      | 76       | 1         | 0.30    | -0.54     | TUPELO              | 78       | -2        | 4.17    | 1.50      | HURON               | 68       | -3        | 1.46    | -0.61     |
| PUEBLO              | 73       | -1        | 2.71    | 0.44      | MO COLUMBIA         | 72       | -4        | 3.37    | -0.38     | RAPID CITY          | 68       | -3        | 1.48    | -0.13     |
| CT BRIDGEPORT       | 75       | 2         | 1.52    | -2.23     | JOPLIN              | 76       | -2        | 6.46    | 2.64      | SIoux FALLS         | 68       | -3        | 1.93    | -1.08     |
| HARTFORD            | 73       | 1         | 2.85    | -1.13     | KANSAS CITY         | 74       | -3        | 8.51    | 4.97      | TN BRISTOL          | 73       | 0         | 1.52    | -1.48     |
| DC WASHINGTON       | 80       | 3         | 2.46    | -0.98     | SPRINGFIELD         | 74       | -4        | 4.51    | 1.14      | CHATTANOOGA         | 79       | 1         | 2.98    | -0.61     |
| DE WILMINGTON       | 76       | 1         | 6.73    | 3.22      | ST JOSEPH           | 73       | -3        | 5.83    | 2.03      | JACKSON             | 76       | -3        | 2.09    | -0.79     |
| FL DAYTONA BEACH    | 82       | 0         | 3.77    | -2.32     | ST LOUIS            | 76       | -2        | 2.48    | -0.50     | KNOXVILLE           | 76       | -1        | 6.22    | 3.33      |
| FT LAUDERDALE       | 84       | 1         | 4.81    | -2.07     | MT BILLINGS         | 70       | -1        | 1.20    | 0.35      | MEMPHIS             | 80       | -1        | 1.21    | -1.79     |
| FT MYERS            | 83       | 0         | 9.56    | 0.02      | BUTTE               | 61       | -1        | 2.89    | 1.53      | NASHVILLE           | 77       | -1        | 2.14    | -1.14     |
| JACKSONVILLE        | 81       | 0         | 7.06    | 0.19      | GLASGOW             | 68       | -1        | 2.11    | 0.86      | TX ABILENE          | 84       | 1         | 1.25    | -1.88     |
| KEY WEST            | 86       | 2         | 4.91    | -0.49     | GREAT FALLS         | 65       | -1        | 1.01    | -0.64     | AMARILLO            | 76       | 0         | 9.08    | 6.14      |
| MELBOURNE           | 83       | 2         | 3.49    | -2.29     | HELENA              | 69       | 2         | 1.86    | 0.57      | AUSTIN              | 87       | 2         | 2.58    | 0.27      |
| MIAMI               | 85       | 1         | 7.91    | -0.72     | KALISPELL           | 65       | 2         | 1.16    | -0.09     | BEAUMONT            | 84       | 1         | 2.71    | -2.14     |
| ORLANDO             | 83       | 0         | 4.74    | -1.51     | MILES CITY          | 71       | -2        | 1.93    | 0.77      | BROWNSVILLE         | 86       | 2         | 0.60    | -2.39     |
| PENSACOLA           | 80       | -2        | 8.90    | 2.05      | MISSOULA            | 67       | 1         | 3.08    | 1.93      | COLLEGE STATION     | 88       | 3         | 0.69    | -1.94     |
| ST PETERSBURG       | 84       | 1         | 7.52    | -0.74     | NE GRAND ISLAND     | 71       | -3        | 2.40    | -0.68     | CORPUS CHRISTI      | 88       | 4         | 0.45    | -3.09     |
| TALLAHASSEE         | 81       | -1        | 3.31    | -3.72     | HASTINGS            | 72       | -2        | 5.24    | 2.06      | DALLAS/FT WORTH     | 85       | 1         | 1.64    | -0.39     |
| TAMPA               | 84       | 1         | 3.52    | -4.08     | LINCOLN             | 72       | -3        | 3.20    | -1.53     | DEL RIO             | 89       | 4         | 0.06    | -1.53     |
| WEST PALM BEACH     | 85       | 2         | 6.22    | -0.43     | MCCOOK              | 73       | -2        | 4.06    | 1.26      | EL PASO             | 84       | 3         | 0.59    | -1.16     |
| GA ATHENS           | 80       | 2         | 2.70    | -1.08     | NORFOLK             | 70       | -3        | 4.30    | 1.50      | GALVESTON           | 87       | 3         | 1.08    | -3.14     |
| ATLANTA             | 79       | 0         | 6.14    | 2.47      | NORTH PLATTE        | 69       | -4        | 2.34    | 0.19      | HOUSTON             | 86       | 3         | 2.11    | -1.72     |
| AUGUSTA             | 80       | 1         | 2.38    | -2.10     | OMAHA/EPPLEY        | 72       | -2        | 6.24    | 3.03      | LUBBOCK             | 81       | 3         | 0.47    | -1.88     |
| COLUMBUS            | 80       | -1        | 8.26    | 4.48      | SCOTTSBLUFF         | 70       | -1        | 0.95    | -0.24     | MIDLAND             | 83       | 3         | 0.03    | -1.74     |
| MACON               | 80       | 0         | 3.83    | 0.04      | VALENTINE           | 69       | -3        | 3.47    | 1.27      | SAN ANGELO          | 85       | 4         | 1.89    | -0.10     |
| SAVANNAH            | 81       | 0         | 7.86    | 0.66      | NV ELKO             | 68       | 0         | 0.68    | 0.32      | SAN ANTONIO         | 88       | 4         | 0.45    | -2.12     |
| HI HILO             | 76       | 0         | 4.92    | -4.86     | ELY                 | 62       | -4        | 0.33    | -0.58     | VICTORIA            | 87       | 3         | 1.62    | -1.43     |
| HONOLULU            | 82       | 0         | 0.55    | 0.09      | LAS VEGAS           | 91       | 2         | 0.02    | -0.43     | WACO                | 88       | 3         | 0.01    | -1.84     |
| KAHULUI             | 79       | -1        | 0.70    | 0.17      | RENO                | 74       | 4         | 0.01    | -0.26     | WICHITA FALLS       | 84       | 1         | 1.58    | -0.80     |
| LIHUE               | 79       | -1        | 3.24    | 1.33      | WINNEMUCCA          | 70       | 0         | 0.17    | -0.18     | UT SALT LAKE CITY   | 76       | 0         | 0.40    | -0.36     |
| ID BOISE            | 75       | 1         | 1.79    | 1.49      | NH CONCORD          | 69       | 1         | 4.19    | 0.98      | VT BURLINGTON       | 70       | 2         | 2.34    | -1.97     |
| LEWISTON            | 75       | 2         | 1.76    | 1.01      | NJ ATLANTIC CITY    | 77       | 3         | 6.99    | 2.67      | VA LYNCHBURG        | 76       | 2         | 2.37    | -1.04     |
| POCATELLO           | 67       | -1        | 0.60    | -0.06     | NEWARK              | 77       | 1         | 4.14    | 0.12      | NORFOLK             | 80       | 3         | 13.22   | 8.43      |
| IL CHICAGO/O'HARE   | 71       | -1        | 4.26    | -0.36     | NM ALBUQUERQUE      | 78       | 2         | 0.94    | -0.79     | RICHMOND            | 80       | 4         | 4.04    | -0.14     |
| MOLINE              | 70       | -3        | 8.06    | 3.65      | NY ALBANY           | 71       | 2         | 3.58    | -0.09     | ROANOKE             | 76       | 1         | 4.43    | 0.69      |
| PEORIA              | 70       | -3        | 4.65    | 1.49      | BINGHAMTON          | 68       | 1         | 4.75    | 1.40      | WASH/DULLES         | 78       | 4         | 2.75    | -1.03     |
| ROCKFORD            | 68       | -3        | 7.19    | 2.98      | BUFFALO             | 70       | 1         | 5.32    | 1.45      | WA OLYMPIA          | 63       | 0         | 1.22    | 0.12      |
| SPRINGFIELD         | 72       | -2        | 3.04    | -0.37     | ROCHESTER           | 69       | 0         | 1.63    | -1.91     | QUILLAYUTE          | 60       | 1         | 1.54    | -1.13     |
| IN EVANSVILLE       | 75       | -1        | 1.91    | -1.23     | SYRACUSE            | 71       | 2         | 4.57    | 1.01      | SEATTLE-TACOMA      | 66       | 0         | 1.16    | 0.14      |
| FORT WAYNE          | 70       | -1        | 4.24    | 0.64      | NC ASHEVILLE        | 72       | 0         | 3.69    | -0.61     | SPOKANE             | 71       | 2         | 0.74    | 0.06      |
| INDIANAPOLIS        | 73       | -1        | 4.94    | 1.12      | CHARLOTTE           | 78       | -1        | 1.66    | -2.06     | YAKIMA              | 71       | 3         | 0.09    | -0.27     |
| SOUTH BEND          | 69       | -2        | 7.08    | 3.10      | GREENSBORO          | 79       | 3         | 3.12    | -0.59     | WV BECKLEY          | 69       | 0         | 2.44    | -1.01     |
| IA BURLINGTON       | 71       | -3        | 9.53    | 5.67      | HATTERAS            | 80       | 1         | 5.00    | -1.56     | CHARLESTON          | 74       | 1         | 3.25    | -0.86     |
| CEDAR RAPIDS        | 67       | -5        | 14.44   | 10.21     | RALEIGH             | 80       | 3         | 1.65    | -2.13     | ELKINS              | 70       | 1         | 5.82    | 1.56      |
| DES MOINES          | 73       | -1        | 4.29    | -0.22     | WILMINGTON          | 80       | 0         | 6.45    | -0.86     | HUNTINGTON          | 73       | -1        | 2.56    | -1.32     |
| DUBUQUE             | 67       | -3        | 8.78    | 4.19      | ND BISMARCK         | 67       | -2        | 0.58    | -1.57     | WI EAU CLAIRE       | 66       | -3        | 5.76    | 1.08      |
| SIoux CITY          | 70       | -2        | 3.53    | 0.63      | DICKINSON           | 65       | -4        | 0.75    | -0.76     | GREEN BAY           | 66       | -1        | 3.33    | -0.44     |
| WATERLOO            | 68       | -3        | 5.38    | 1.30      | FARGO               | 66       | -3        | 2.13    | -0.39     | LA CROSSE           | 69       | -3        | 5.29    | 1.01      |
| KS CONCORDIA        | 74       | -3        | 2.80    | -0.44     | GRAND FORKS         | 65       | -3        | 3.17    | 0.45      | MADISON             | 68       | -1        | 2.49    | -1.84     |
| DODGE CITY          | 76       | -2        | 1.73    | -1.00     | JAMESTOWN           | 65       | -4        | 1.31    | -1.02     | MILWAUKEE           | 69       | -2        | 4.04    | 0.01      |
| GOODLAND            | 72       | -1        | 1.83    | -0.66     | MINOT               | 66       | -2        | 2.10    | 0.15      | WAUSAU              | 65       | -3        | 6.21    | 1.68      |
| HILL CITY           | 75       | -2        | 2.35    | -0.68     | WILLISTON           | 65       | -3        | 2.30    | 0.82      | WY CASPER           | 65       | -4        | 1.34    | 0.61      |
| TOPEKA              | 74       | -3        | 4.54    | 0.73      | OH AKRON-CANTON     | 71       | 1         | 4.58    | 0.93      | CHEYENNE            | 66       | 0         | 0.37    | -1.45     |
| WICHITA             | 76       | -4        | 3.94    | 1.00      | CINCINNATI          | 72       | -2        | 1.78    | -2.01     | LANDER              | 67       | -2        | 0.69    | 0.12      |
| KY JACKSON          | 73       | -1        | 3.55    | -0.58     | CLEVELAND           | 72       | 2         | 3.52    | -0.17     | SHERIDAN            | 67       | -1        | 1.12    | 0.32      |

Based on 1971-2000 normals

\*\*\* Not Available





## Crop Progress and Condition

### Week Ending September 6, 2009

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

| Corn Percent Dough                                       |       |      |      |      |
|--|-------|------|------|------|
|  | Sep 6 | Prev | Prev | 5-Yr |
|  | 2009  | Week | Year | Avg  |
| CO   | 74    | 60   | 97   | 81   |
| IL   | 86    | 78   | 94   | 98   |
| IN   | 89    | 79   | 93   | 97   |
| IA   | 86    | 74   | 81   | 93   |
| KS   | 96    | 93   | 96   | 99   |
| KY   | 95    | 84   | 98   | 100  |
| MI   | 75    | 65   | 89   | 88   |
| MN   | 77    | 52   | 91   | 93   |
| MO   | 94    | 91   | 91   | 98   |
| NE   | 96    | 89   | 94   | 97   |
| NC   | 100   | 100  | 100  | 100  |
| ND   | 59    | 30   | 79   | 86   |
| OH   | 88    | 82   | 90   | 94   |
| PA   | 77    | 69   | 89   | 91   |
| SD   | 85    | 68   | 92   | 94   |
| TN   | 99    | 97   | 100  | 100  |
| TX   | 99    | 98   | 98   | 99   |
| WI   | 71    | 58   | 74   | 81   |
| 18 Sts   | 86    | 75   | 90   | 94   |
| These 18 States planted 92% of last year's corn acreage. |       |      |      |      |

| Corn Percent Mature                                      |       |      |      |      |
|--|-------|------|------|------|
|  | Sep 6 | Prev | Prev | 5-Yr |
|  | 2009  | Week | Year | Avg  |
| CO   | 12    | 6    | 10   | 8    |
| IL   | 3     | 2    | 4    | 31   |
| IN   | 3     | 0    | 7    | 22   |
| IA   | 2     | 0    | 3    | 17   |
| KS   | 22    | 12   | 26   | 44   |
| KY   | 30    | 19   | 56   | 66   |
| MI   | 0     | 0    | 9    | 12   |
| MN   | 0     | 0    | 2    | 9    |
| MO   | 22    | 13   | 16   | 58   |
| NE   | 6     | 1    | 5    | 12   |
| NC   | 90    | 74   | 82   | 87   |
| ND   | 0     | 0    | 1    | 8    |
| OH   | 3     | 2    | 9    | 8    |
| PA   | 6     | 3    | 24   | 26   |
| SD   | 2     | 1    | 2    | 9    |
| TN   | 33    | 17   | 55   | 77   |
| TX   | 71    | 70   | 66   | 74   |
| WI   | 0     | 0    | 4    | 7    |
| 18 Sts   | 8     | 5    | 10   | 23   |
| These 18 States planted 92% of last year's corn acreage. |       |      |      |      |

| Soybeans Percent Setting Pods                               |       |      |      |      |
|---|-------|------|------|------|
|   | Sep 6 | Prev | Prev | 5-Yr |
|   | 2009  | Week | Year | Avg  |
| AR  | 98    | 92   | 97   | 99   |
| IL  | 98    | 91   | 99   | 100  |
| IN  | 95    | 88   | 96   | 99   |
| IA  | 99    | 97   | 98   | 100  |
| KS  | 97    | 93   | 92   | 96   |
| KY  | 95    | 87   | 91   | 94   |
| LA  | 100   | 100  | 100  | 100  |
| MI  | 100   | 95   | 100  | 99   |
| MN  | 99    | 97   | 99   | 100  |
| MS  | 100   | 100  | 100  | 100  |
| MO  | 86    | 81   | 78   | 95   |
| NE  | 99    | 97   | 99   | 100  |
| NC  | 85    | 77   | 84   | 86   |
| ND  | 100   | 98   | 100  | 100  |
| OH  | 99    | 96   | 100  | 100  |
| SD  | 100   | 95   | 100  | 100  |
| TN  | 99    | 96   | 96   | 98   |
| WI  | 98    | 93   | 100  | 100  |
| 18 Sts  | 97    | 93   | 96   | 99   |
| These 18 States planted 95% of last year's soybean acreage. |       |      |      |      |

| Corn Percent Dented                                      |       |      |      |      |
|--|-------|------|------|------|
|  | Sep 6 | Prev | Prev | 5-Yr |
|  | 2009  | Week | Year | Avg  |
| CO   | 40    | 30   | 55   | 44   |
| IL   | 44    | 26   | 58   | 84   |
| IN   | 41    | 23   | 58   | 77   |
| IA   | 53    | 28   | 48   | 74   |
| KS   | 80    | 65   | 83   | 89   |
| KY   | 82    | 68   | 84   | 91   |
| MI   | 21    | 13   | 65   | 62   |
| MN   | 30    | 7    | 56   | 69   |
| MO   | 76    | 66   | 70   | 90   |
| NE   | 69    | 53   | 69   | 80   |
| NC   | 100   | 95   | 95   | 97   |
| ND   | 14    | 1    | 31   | 53   |
| OH   | 52    | 34   | 60   | 70   |
| PA   | 45    | 28   | 60   | 67   |
| SD   | 42    | 11   | 59   | 67   |
| TN   | 93    | 82   | 98   | 99   |
| TX   | 91    | 83   | 90   | 95   |
| WI   | 19    | 7    | 29   | 46   |
| 18 Sts   | 50    | 32   | 59   | 75   |
| These 18 States planted 92% of last year's corn acreage. |       |      |      |      |

| Winter Wheat Percent Planted                                     |       |      |      |      |
|--|-------|------|------|------|
|  | Sep 6 | Prev | Prev | 5-Yr |
|  | 2009  | Week | Year | Avg  |
| AR   | 2     | NA   | 0    | 0    |
| CA   | 0     | NA   | 0    | 1    |
| CO   | 12    | NA   | 14   | 10   |
| ID   | 6     | NA   | 2    | 5    |
| IL   | 0     | NA   | 0    | 0    |
| IN   | 0     | NA   | 0    | 0    |
| KS   | 2     | NA   | 2    | 2    |
| MI   | 0     | NA   | 0    | 1    |
| MO   | 0     | NA   | 0    | 0    |
| MT   | 2     | NA   | 0    | 5    |
| NE   | 11    | NA   | 6    | 10   |
| NC   | 0     | NA   | 0    | 0    |
| OH   | 0     | NA   | 0    | 0    |
| OK   | 4     | NA   | 7    | 6    |
| OR   | 3     | NA   | 5    | 3    |
| SD   | 14    | NA   | 9    | 12   |
| TX   | 4     | NA   | 0    | 8    |
| WA   | 25    | NA   | 20   | 20   |
| 18 Sts   | 5     | NA   | 4    | 5    |
| These 18 States planted 87% of last year's winter wheat acreage. |       |      |      |      |

| Soybeans Percent Dropping Leaves                            |       |      |      |      |
|---|-------|------|------|------|
|   | Sep 6 | Prev | Prev | 5-Yr |
|   | 2009  | Week | Year | Avg  |
| AR  | 12    | 6    | 8    | 27   |
| IL  | 1     | 0    | 2    | 15   |
| IN  | 6     | 2    | 16   | 23   |
| IA  | 4     | 0    | 4    | 14   |
| KS  | 8     | 0    | 8    | 16   |
| KY  | 8     | 3    | 6    | 11   |
| LA  | 57    | 40   | 50   | 58   |
| MI  | 0     | 0    | 10   | 8    |
| MN  | 1     | 0    | 4    | 15   |
| MS  | 38    | 22   | 38   | 67   |
| MO  | 3     | 1    | 2    | 9    |
| NE  | 2     | 0    | 3    | 6    |
| NC  | 4     | 1    | 6    | 8    |
| ND  | 0     | 0    | 11   | 22   |
| OH  | 9     | 2    | 18   | 19   |
| SD  | 34    | 11   | 24   | 31   |
| TN  | 14    | 4    | 21   | 33   |
| WI  | 0     | 0    | 4    | 9    |
| 18 Sts  | 7     | 3    | 9    | 18   |
| These 18 States planted 95% of last year's soybean acreage. |       |      |      |      |

**Crop Progress and Condition**

**Week Ending September 6, 2009**

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

| <b>Cotton Percent Setting Bolls</b>                        |               |              |              |             |
|--|---------------|--------------|--------------|-------------|
|  | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AL   | 94            | 89           | 100          | 99          |
| AZ   | 100           | 99           | 100          | 100         |
| AR   | 100           | 100          | 100          | 100         |
| CA   | 100           | 99           | 95           | 98          |
| GA   | 100           | 98           | 96           | 99          |
| KS   | 100           | 95           | 100          | 93          |
| LA   | 100           | 100          | 100          | 100         |
| MS   | 100           | 100          | 100          | 100         |
| MO   | 100           | 99           | 100          | 100         |
| NC   | 100           | 98           | 99           | 100         |
| OK   | 99            | 96           | 99           | 99          |
| SC   | 99            | 97           | 100          | 98          |
| TN   | 100           | 100          | 100          | 100         |
| TX   | 90            | 89           | 94           | 97          |
| VA   | 100           | 100          | 100          | 100         |
| 15 Sts   | 94            | 93           | 96           | 98          |
| These 15 States planted 99% of last year's cotton acreage. |               |              |              |             |

| <b>Cotton Percent Bolls Opening</b>                        |               |              |              |             |
|--|---------------|--------------|--------------|-------------|
|  | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AL   | 16            | 9            | 52           | 45          |
| AZ   | 54            | 48           | 69           | 65          |
| AR   | 23            | 15           | 27           | 50          |
| CA   | 24            | 20           | 24           | 37          |
| GA   | 19            | 10           | 34           | 39          |
| KS   | 10            | 6            | 14           | 11          |
| LA   | 71            | 58           | 64           | 68          |
| MS   | 41            | 22           | 37           | 66          |
| MO   | 10            | 2            | 26           | 42          |
| NC   | 31            | 12           | 32           | 44          |
| OK   | 26            | 8            | 26           | 25          |
| SC   | 30            | 12           | 17           | 31          |
| TN   | 22            | 8            | 23           | 43          |
| TX   | 22            | 21           | 21           | 25          |
| VA   | 33            | 28           | 29           | 59          |
| 15 Sts   | 25            | 19           | 27           | 35          |
| These 15 States planted 99% of last year's cotton acreage. |               |              |              |             |

| <b>Oats Percent Harvested</b>                            |               |              |              |             |
|--|---------------|--------------|--------------|-------------|
|  | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| IA   | 100           | 100          | 100          | 100         |
| MN   | 90            | 73           | 96           | 97          |
| NE   | 100           | 100          | 100          | 100         |
| ND   | 66            | 43           | 95           | 94          |
| OH   | 100           | 100          | 100          | 100         |
| PA   | 100           | 97           | 100          | 100         |
| SD   | 98            | 92           | 100          | 100         |
| TX   | 100           | 100          | 100          | 100         |
| WI   | 100           | 94           | 100          | 100         |
| 9 Sts  | 93            | 85           | 99           | 99          |
| These 9 States harvested 68% of last year's oat acreage. |               |              |              |             |

| <b>Sorghum Percent Headed</b>                               |               |              |              |             |
|---|---------------|--------------|--------------|-------------|
|   | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AR  | 100           | 100          | 100          | 100         |
| CO  | 91            | 84           | 100          | 96          |
| IL  | 81            | 80           | 99           | 99          |
| KS  | 97            | 91           | 91           | 95          |
| LA  | 100           | 100          | 100          | 100         |
| MO  | 92            | 87           | 95           | 98          |
| NE  | 96            | 94           | 99           | 99          |
| NM  | 91            | 90           | 82           | 72          |
| OK  | 89            | 75           | 78           | 87          |
| SD  | 97            | 92           | 96           | 99          |
| TX  | 96            | 95           | 92           | 95          |
| 11 Sts  | 96            | 92           | 92           | 95          |
| These 11 States planted 96% of last year's sorghum acreage. |               |              |              |             |

| <b>Sorghum Percent Coloring</b>                             |               |              |              |             |
|---|---------------|--------------|--------------|-------------|
|   | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AR  | 98            | 93           | 96           | 98          |
| CO  | 60            | 55           | 90           | 49          |
| IL  | 49            | 23           | 39           | 77          |
| KS  | 49            | 26           | 50           | 59          |
| LA  | 100           | 100          | 100          | 100         |
| MO  | 51            | 42           | 50           | 74          |
| NE  | 36            | 16           | 43           | 63          |
| NM  | 18            | 16           | 44           | 31          |
| OK  | 50            | 38           | 44           | 51          |
| SD  | 51            | 33           | 65           | 75          |
| TX  | 72            | 71           | 72           | 72          |
| 11 Sts  | 60            | 49           | 62           | 66          |
| These 11 States planted 96% of last year's sorghum acreage. |               |              |              |             |

| <b>Sorghum Percent Mature</b>                               |               |              |              |             |
|---|---------------|--------------|--------------|-------------|
|   | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AR  | 71            | 54           | 77           | 86          |
| CO  | 23            | 16           | 19           | 12          |
| IL  | 7             | 3            | 0            | 35          |
| KS  | 1             | 0            | 5            | 9           |
| LA  | 99            | 96           | 100          | 97          |
| MO  | 13            | 10           | 9            | 28          |
| NE  | 0             | 0            | 0            | 3           |
| NM  | 0             | 0            | 1            | 3           |
| OK  | 10            | 4            | 19           | 21          |
| SD  | 8             | 2            | 2            | 8           |
| TX  | 65            | 64           | 65           | 64          |
| 11 Sts  | 33            | 31           | 34           | 36          |
| These 11 States planted 96% of last year's sorghum acreage. |               |              |              |             |

| <b>Sorghum Percent Harvested</b>                              |               |              |              |             |
|---|---------------|--------------|--------------|-------------|
|   | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AR  | 28            | 5            | 9            | 48          |
| CO  | 4             | 0            | 0            | 0           |
| IL  | 0             | 0            | 0            | 2           |
| KS  | 0             | 0            | 0            | 2           |
| LA  | 77            | 69           | 73           | 83          |
| MO  | 0             | 0            | 1            | 6           |
| NE  | 0             | 0            | 0            | 0           |
| NM  | 0             | 0            | 0            | 0           |
| OK  | 0             | 0            | 7            | 7           |
| SD  | 0             | 0            | 0            | 0           |
| TX  | 63            | 61           | 64           | 61          |
| 11 Sts  | 29            | 28           | 29           | 30          |
| These 11 States harvested 97% of last year's sorghum acreage. |               |              |              |             |

| <b>Spring Wheat Percent Harvested</b>                             |               |              |              |             |
|---|---------------|--------------|--------------|-------------|
|   | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| ID  | 76            | 58           | 72           | 86          |
| MN  | 61            | 28           | 87           | 85          |
| MT  | 58            | 43           | 82           | 86          |
| ND  | 44            | 22           | 86           | 86          |
| SD  | 97            | 91           | 100          | 100         |
| WA  | 96            | 79           | 81           | 94          |
| 6 Sts   | 58            | 38           | 86           | 88          |
| These 6 States harvested 98% of last year's spring wheat acreage. |               |              |              |             |

## Crop Progress and Condition

### Week Ending September 6, 2009

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

| Rice Percent Headed                                      |               |              |              |             |
|--|---------------|--------------|--------------|-------------|
|  | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AR   | 93            | 88           | 97           | 98          |
| CA   | 95            | 85           | 94           | 92          |
| LA   | 100           | 100          | 100          | 100         |
| MS   | 100           | 98           | 97           | 99          |
| MO   | 83            | 72           | 99           | 100         |
| TX   | 100           | 97           | 100          | 100         |
| 6 Sts  | 95            | 90           | 97           | 98          |
| These 6 States planted 100% of last year's rice acreage. |               |              |              |             |

| Rice Percent Harvested                                     |               |              |              |             |
|--|---------------|--------------|--------------|-------------|
|  | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| AR   | 11            | 4            | 5            | 15          |
| CA   | 6             | 0            | 0            | 4           |
| LA   | 76            | 67           | 48           | 76          |
| MS   | 18            | 3            | 7            | 21          |
| MO   | 10            | 0            | 0            | 7           |
| TX   | 87            | 66           | 89           | 88          |
| 6 Sts  | 25            | 16           | 16           | 27          |
| These 6 States harvested 100% of last year's rice acreage. |               |              |              |             |

| Barley Percent Harvested                                    |               |              |              |             |
|---|---------------|--------------|--------------|-------------|
|   | Sep 6<br>2009 | Prev<br>Week | Prev<br>Year | 5-Yr<br>Avg |
| ID  | 71            | 48           | 65           | 81          |
| MN  | 70            | 39           | 95           | 92          |
| MT  | 58            | 44           | 76           | 87          |
| ND  | 74            | 43           | 96           | 94          |
| WA  | 97            | 82           | 73           | 92          |
| 5 Sts   | 71            | 46           | 84           | 90          |
| These 5 States harvested 84% of last year's barley acreage. |               |              |              |             |

| Corn Crop Condition by Percent |    |    |    |    |    |
|--------------------------------|----|----|----|----|----|
|                                | VP | P  | F  | G  | EX |
| CO                             | 2  | 10 | 24 | 48 | 16 |
| IL                             | 1  | 8  | 27 | 52 | 12 |
| IN                             | 3  | 8  | 26 | 50 | 13 |
| IA                             | 3  | 5  | 16 | 51 | 25 |
| KS                             | 2  | 5  | 25 | 48 | 20 |
| KY                             | 0  | 1  | 10 | 41 | 48 |
| MI                             | 5  | 11 | 26 | 46 | 12 |
| MN                             | 2  | 5  | 21 | 55 | 17 |
| MO                             | 2  | 6  | 28 | 48 | 16 |
| NE                             | 2  | 6  | 15 | 50 | 27 |
| NC                             | 4  | 16 | 29 | 41 | 10 |
| ND                             | 2  | 5  | 32 | 52 | 9  |
| OH                             | 1  | 5  | 22 | 49 | 23 |
| PA                             | 1  | 5  | 14 | 49 | 31 |
| SD                             | 0  | 5  | 17 | 59 | 19 |
| TN                             | 3  | 5  | 14 | 53 | 25 |
| TX                             | 25 | 14 | 24 | 31 | 6  |
| WI                             | 2  | 6  | 24 | 48 | 20 |
| 18 Sts                         | 3  | 6  | 22 | 50 | 19 |
| Prev Wk                        | 3  | 7  | 21 | 49 | 20 |
| Prev Yr                        | 4  | 9  | 26 | 47 | 14 |

| Soybeans Crop Condition by Percent |    |    |    |    |    |
|------------------------------------|----|----|----|----|----|
|                                    | VP | P  | F  | G  | EX |
| AR                                 | 5  | 14 | 28 | 36 | 17 |
| IL                                 | 2  | 7  | 31 | 49 | 11 |
| IN                                 | 3  | 9  | 25 | 51 | 12 |
| IA                                 | 2  | 5  | 18 | 55 | 20 |
| KS                                 | 2  | 3  | 16 | 54 | 25 |
| KY                                 | 0  | 1  | 18 | 41 | 40 |
| LA                                 | 5  | 19 | 39 | 30 | 7  |
| MI                                 | 5  | 12 | 30 | 41 | 12 |
| MN                                 | 1  | 6  | 25 | 54 | 14 |
| MS                                 | 2  | 8  | 25 | 47 | 18 |
| MO                                 | 2  | 7  | 28 | 48 | 15 |
| NE                                 | 2  | 6  | 15 | 55 | 22 |
| NC                                 | 1  | 7  | 31 | 53 | 8  |
| ND                                 | 1  | 3  | 24 | 62 | 10 |
| OH                                 | 1  | 4  | 24 | 53 | 18 |
| SD                                 | 1  | 4  | 24 | 59 | 12 |
| TN                                 | 1  | 3  | 14 | 55 | 27 |
| WI                                 | 2  | 6  | 24 | 50 | 18 |
| 18 Sts                             | 2  | 6  | 24 | 52 | 16 |
| Prev Wk                            | 2  | 6  | 23 | 53 | 16 |
| Prev Yr                            | 4  | 10 | 29 | 44 | 13 |

| Cotton Crop Condition by Percent |    |    |    |    |    |
|----------------------------------|----|----|----|----|----|
|                                  | VP | P  | F  | G  | EX |
| AL                               | 0  | 1  | 19 | 70 | 10 |
| AZ                               | 0  | 1  | 15 | 51 | 33 |
| AR                               | 3  | 7  | 31 | 44 | 15 |
| CA                               | 0  | 0  | 20 | 65 | 15 |
| GA                               | 3  | 7  | 34 | 43 | 13 |
| KS                               | 3  | 6  | 25 | 61 | 5  |
| LA                               | 1  | 13 | 35 | 43 | 8  |
| MS                               | 1  | 5  | 27 | 54 | 13 |
| MO                               | 0  | 14 | 24 | 56 | 6  |
| NC                               | 0  | 9  | 25 | 60 | 6  |
| OK                               | 0  | 7  | 23 | 67 | 3  |
| SC                               | 0  | 2  | 45 | 52 | 1  |
| TN                               | 0  | 1  | 19 | 54 | 26 |
| TX                               | 14 | 17 | 30 | 29 | 10 |
| VA                               | 0  | 2  | 22 | 68 | 8  |
| 15 Sts                           | 8  | 12 | 29 | 40 | 11 |
| Prev Wk                          | 9  | 11 | 29 | 40 | 11 |
| Prev Yr                          | 6  | 14 | 31 | 37 | 12 |

| Sorghum Crop Condition by Percent |    |    |    |    |    |
|-----------------------------------|----|----|----|----|----|
|                                   | VP | P  | F  | G  | EX |
| AR                                | 2  | 12 | 35 | 40 | 11 |
| CO                                | 0  | 2  | 23 | 65 | 10 |
| IL                                | 1  | 2  | 42 | 53 | 2  |
| KS                                | 1  | 4  | 21 | 56 | 18 |
| LA                                | 3  | 19 | 47 | 28 | 3  |
| MO                                | 0  | 4  | 33 | 57 | 6  |
| NE                                | 0  | 3  | 25 | 51 | 21 |
| NM                                | 5  | 28 | 28 | 37 | 2  |
| OK                                | 2  | 5  | 35 | 52 | 6  |
| SD                                | 1  | 2  | 15 | 63 | 19 |
| TX                                | 23 | 16 | 38 | 20 | 3  |
| 11 Sts                            | 11 | 10 | 30 | 39 | 10 |
| Prev Wk                           | 11 | 10 | 30 | 40 | 9  |
| Prev Yr                           | 3  | 11 | 33 | 44 | 9  |

**Crop Progress and Condition**

**Week Ending September 6, 2009**

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

| Peanuts Crop Condition by Percent |    |   |    |    |    |
|-----------------------------------|----|---|----|----|----|
|                                   | VP | P | F  | G  | EX |
| AL                                | 0  | 0 | 25 | 70 | 5  |
| FL                                | 0  | 1 | 23 | 63 | 13 |
| GA                                | 0  | 4 | 28 | 51 | 17 |
| NC                                | 0  | 0 | 31 | 66 | 3  |
| OK                                | 0  | 0 | 19 | 73 | 8  |
| SC                                | 0  | 1 | 25 | 74 | 0  |
| TX                                | 0  | 0 | 21 | 61 | 18 |
| VA                                | 0  | 0 | 14 | 77 | 9  |
| 8 Sts                             | 0  | 2 | 26 | 59 | 13 |
| Prev Wk                           | 0  | 3 | 25 | 59 | 13 |
| Prev Yr                           | 1  | 3 | 28 | 56 | 12 |

| Rice Crop Condition by Percent |    |   |    |    |    |
|--------------------------------|----|---|----|----|----|
|                                | VP | P | F  | G  | EX |
| AR                             | 1  | 8 | 35 | 40 | 16 |
| CA                             | 0  | 5 | 25 | 45 | 25 |
| LA                             | 4  | 6 | 21 | 45 | 24 |
| MS                             | 0  | 1 | 28 | 46 | 25 |
| MO                             | 0  | 1 | 14 | 59 | 26 |
| TX                             | 12 | 9 | 39 | 30 | 10 |
| 6 Sts                          | 2  | 6 | 29 | 43 | 20 |
| Prev Wk                        | 1  | 5 | 28 | 46 | 20 |
| Prev Yr                        | 2  | 8 | 29 | 44 | 17 |

| Spring Wheat Crop Condition by Percent |    |    |    |    |    |
|--|----|----|----|----|----|
|  | VP | P  | F  | G  | EX |
| ID                                     | 0  | 2  | 6  | 71 | 21 |
| MN                                     | 2  | 5  | 21 | 51 | 21 |
| MT                                     | 7  | 14 | 35 | 34 | 10 |
| ND                                     | 0  | 1  | 9  | 70 | 20 |
| SD                                     | 2  | 8  | 28 | 54 | 8  |
| WA                                     | 0  | 8  | 41 | 47 | 4  |
| 6 Sts                                  | 2  | 5  | 19 | 58 | 16 |
| Prev Wk                                | 1  | 4  | 20 | 60 | 15 |
| Prev Yr                                | NA | NA | NA | NA | NA |

| Barley Crop Condition by Percent |    |    |    |    |    |
|----------------------------------|----|----|----|----|----|
|                                  | VP | P  | F  | G  | EX |
| ID                               | 0  | 1  | 10 | 61 | 28 |
| MN                               | 2  | 7  | 26 | 49 | 16 |
| MT                               | 3  | 10 | 28 | 39 | 20 |
| ND                               | 0  | 1  | 8  | 74 | 17 |
| WA                               | 2  | 12 | 57 | 25 | 4  |
| 5 Sts                            | 1  | 4  | 17 | 59 | 19 |
| Prev Wk                          | 1  | 3  | 18 | 59 | 19 |
| Prev Yr                          | NA | NA | NA | NA | NA |

| Pasture and Range Crop Condition by Percent |    |    |    |     |    |         |    |    |    |     |    |
|---|----|----|----|-----|----|---------|----|----|----|-----|----|
| Week Ending Sep 6, 2009                     |    |    |    |     |    |         |    |    |    |     |    |
|   | VP | P  | F  | G   | EX |         | VP | P  | F  | G   | EX |
| AL  | 0  | 1  | 19 | 71  | 9  | NH      | 1  | 2  | 18 | 73  | 6  |
| AZ  | 56 | 20 | 18 | 4   | 2  | NJ      | 0  | 0  | 10 | 75  | 15 |
| AR  | 0  | 3  | 26 | 63  | 8  | NM      | 18 | 34 | 33 | 14  | 1  |
| CA  | 63 | 27 | 10 | 0   | 0  | NY      | 1  | 4  | 21 | 56  | 18 |
| CO  | 4  | 9  | 32 | 47  | 8  | NC      | 1  | 7  | 34 | 54  | 4  |
| CT  | 0  | 0  | 32 | 58  | 10 | ND      | 1  | 6  | 32 | 56  | 5  |
| DE  | 1  | 3  | 25 | 64  | 7  | OH      | 1  | 12 | 30 | 50  | 7  |
| FL  | 0  | 1  | 14 | 60  | 25 | OK      | 3  | 11 | 35 | 46  | 5  |
| GA  | 1  | 8  | 35 | 48  | 8  | OR      | 18 | 20 | 39 | 22  | 1  |
| ID  | 0  | 11 | 24 | 55  | 10 | PA      | 3  | 8  | 20 | 56  | 13 |
| IL  | 1  | 5  | 22 | 54  | 18 | RI      | 0  | 0  | 0  | 100 | 0  |
| IN  | 2  | 8  | 26 | 50  | 14 | SC      | 1  | 8  | 53 | 36  | 2  |
| IA  | 1  | 8  | 24 | 51  | 16 | SD      | 1  | 3  | 24 | 56  | 16 |
| KS  | 2  | 5  | 30 | 53  | 10 | TN      | 0  | 5  | 23 | 58  | 14 |
| KY  | 2  | 6  | 22 | 50  | 20 | TX      | 32 | 20 | 26 | 19  | 3  |
| LA  | 5  | 15 | 40 | 37  | 3  | UT      | 1  | 10 | 35 | 48  | 6  |
| ME  | 0  | 1  | 31 | 68  | 0  | VT      | 2  | 11 | 48 | 32  | 7  |
| MD  | 2  | 8  | 30 | 44  | 16 | VA      | 1  | 11 | 31 | 51  | 6  |
| MA  | 0  | 0  | 0  | 100 | 0  | WA      | 8  | 37 | 34 | 18  | 3  |
| MI  | 5  | 10 | 30 | 45  | 10 | WV      | 1  | 3  | 35 | 55  | 6  |
| MN  | 4  | 13 | 40 | 41  | 2  | WI      | 2  | 10 | 32 | 46  | 10 |
| MS  | 2  | 10 | 28 | 48  | 12 | WY      | 1  | 8  | 35 | 50  | 6  |
| MO  | 0  | 3  | 30 | 58  | 9  | 48 Sts  | 11 | 12 | 28 | 41  | 8  |
| MT  | 6  | 20 | 45 | 24  | 5  |         |    |    |    |     |    |
| NE  | 2  | 4  | 20 | 57  | 17 | Prev Wk | 10 | 11 | 27 | 44  | 8  |
| NV  | 4  | 17 | 42 | 35  | 2  | Prev Yr | 11 | 17 | 32 | 34  | 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

August 31 – September 6, 2009

Weekly National Agricultural Summary provided by USDA/NASS

## HIGHLIGHTS

**Below-average temperatures prevailed in most areas from the Great Plains eastward, while unseasonably warm weather in the West helped to rapidly mature remaining small grain crops. The northern half of the country experienced**

**mostly dry weather, while parts of the middle Mississippi Valley, southern Great Plains, and Southeast received as much as 2 and 4 inches of rain. Parts of southern Florida received at least 4 inches.**

**Corn:** Eighty six percent of the nation's corn acreage was at or beyond the dough stage, compared with 90 percent last year and 94 percent for the 5 year average. Acreage in the dent stage advanced 18 points during the week, leaving progress—at 50 percent—9 points behind last year and 25 points, or over 1 week, behind normal. A week of mostly dry weather in the western and northern Corn Belt allowed fields to dry out and resulted in rapid progress in phenological development. Eight percent of the corn acreage had reached maturity, 2 points behind last year and 15 points behind the average. Following developmental delays earlier in the growing season, maturation was behind normal in all estimating states except Colorado and North Carolina. Maturation lagged by at least 36 points in Kentucky, Missouri, and Tennessee. Overall, 69 percent of the corn crop was rated in good to excellent condition, unchanged from last week but up 8 points from last year.

**Soybeans:** Pod set was nearly complete, with 97 percent of this year's soybean acreage at or beyond the stage by September 6. This was a point ahead of last year but 2 points behind the 5 year average. Leaves had dropped in 7 percent of the soybean fields, 2 points behind last year and 11 points behind the average. Some leaves were dropping in all estimating states except Michigan, North Dakota, and Wisconsin. Overall, 68 percent of the soybean crop was rated in good to excellent condition, down slightly from last week but 11 points better than last year.

**Winter Wheat:** Producers had begun seeding the 2010 winter wheat crop, with 5 percent in the ground by September 6. This was a point ahead of last year but on par with the 5 year average. The greatest amount of seeding had been completed in Washington, where warm, sunny days afforded ample time for fieldwork.

**Cotton:** Acreage setting bolls advanced to 94 percent, 2 points behind last year and 4 points behind the 5 year average. Boll set was complete or nearly complete in all estimating states except Alabama and Texas. Below-average temperatures in Alabama slowed crop development, while drought conditions in the Northern Low Plains of Texas stressed the crop. Bolls had opened on 25 percent of the crop, 2 points behind last year and 10 points behind the average. Bolls opened most rapidly in Mississippi and North Carolina, but progress remained behind normal. Overall, 51 percent of the cotton acreage was rated in good to excellent condition, unchanged from last week but 2 points better than last year.

**Sorghum:** Heading in the 2009 sorghum crop advanced to 96 percent complete, 4 points ahead of last year and 1 point ahead of the 5 year average. Heading was complete in the Delta and nearly complete on the Great Plains. Cool weather and wet fields slowed

head development in Illinois. Coloring was complete on 60 percent of the nation's acreage, 2 points behind last year and 6 points behind the average. Delays of 23 points or more were evident in Illinois, Missouri, Nebraska, and South Dakota. Nationally, 33 percent of the crop was mature, slightly behind last year and 3 points behind normal. Producers had harvested 29 percent of their acreage by week's end, on par with last year but 1 point behind the 5 year average. Harvest began in Colorado during the week, where producers had nearly a week of days suitable for fieldwork. Overall, 49 percent of the sorghum crop was rated in good to excellent condition, unchanged from last week but 4 points below last year.

**Rice:** Heading in the rice crop advanced to 95 percent complete by week's end, 2 points behind last year and 3 points behind the 5 year average. Heading was complete or nearly complete in all states except Arkansas and Missouri, where overall progress was behind normal. Producers harvested 9 percent of their crop during the week, leaving progress—at 25 percent—9 points ahead of last year but 2 points behind the average. Overall, 63 percent of the rice crop was rated in good to excellent condition, down 3 points from last week but 2 points better than last year.

**Small Grains:** Producers harvested 20 percent of their spring wheat crop during the week, leaving progress—at 58 percent—28 points behind last year and 30 points behind the 5 year average. Harvest was active across much of the major growing region, as mostly above-average temperatures prevailed. As harvest crossed the halfway point, 74 percent of the crop was rated in good to excellent condition, down slightly from last week.

Barley producers rapidly harvested their crop, with progress advancing 25 points during the week. Overall progress reached 71 percent by September 6, but remained 13 points behind last year and 19 points behind the 5 year average. Overall, 78 percent of the barley crop was rated in good to excellent condition, unchanged from last week.

Oat harvest reached 93 percent complete by week's end, 6 points behind last year and the 5 year average. Harvest was complete or nearly complete in all estimating states except Minnesota and North Dakota, where producers harvested 17 and 23 percent of their acreage during the week, respectively.

**Other Crops:** Overall, 72 percent of the peanut crop was rated in good to excellent condition, unchanged from last week but 4 points better than last year. Crop conditions in Georgia, the largest peanut producing state, improved slightly, with the percentage of the crop rated excellent increasing from 15 to 17 percent.

## 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 5.7. Topsoil moisture 0% very short, 21% short, 75% adequate, and 4% surplus. Corn 92% Dent, 100% 2008, 100% avg.; 59% Mature, 94% 2008, 91% avg.; 17% Harvested, 39% 2008, 42% average. Cotton 94% Setting Bolls, 100% 2008, 99% avg.; 16% Bolls Opening, 52% 2008, 45% average. Peanuts 97% Pegged, 100% 2008, 98% avg.; 0% Dug, 3% 2008, 2% average. Soybeans 97% Blooming, 100% 2008, 100% avg.; 85% Setting Pods, 91% 2008, 94% avg.; 13% Dropping Leaves, 35% 2008, 42% avg.; 0% Harvested, 1% 2008, 2% average. Corn Conditions 1% very poor, 9% poor, 27% fair, 57% good, and 6% excellent. Cotton Conditions 0% very poor, 1% poor, 19% fair, 70% good, 10% excellent. Peanut Conditions 0% very poor, 0% poor, 25% fair, 70% good, 5% excellent. Soybeans Conditions 0% very poor, 2% poor, 22% fair, 63% good, 13% excellent. Livestock condition 0% very poor, 1% poor, 18% fair, 68% good, and 13% excellent. Pasture and range condition 0% very poor, 1% poor, 19% fair, 71% good and 9% excellent. Cooler temperatures rose across the state last week, which somewhat slowed down row crop progress. The US Drought Monitor from September 1 showed the state to be free from drought, compared to 30.0 percent at the start of the calendar year, and 58.6 percent a year ago. Daytime highs for the week ranged from 83 degrees in Cullman, Sand Mountain, and Thorsby to 90 degrees in Montgomery, Headland, and Dothan. Overnight lows ranged from 56 degrees in Muscle Shoals and Belle Mina to 67 degrees in Bay Minette and Headland. Precipitation totals ranged from 0.15 inches in Huntsville to 3.56 inches of rain in Alexander City over a period of 6 days. Row Crops were making progress, and so far yields look good, but the cooler temperatures have slowed progress down and have had producers fearing an early frost. Corn harvest has begun, and farmers were preparing pickers for cotton picking. Producers were busy preparing beds for annual hill strawberries, which should be planted around October 1. The only major disease reported that was causing problems for cucurbit crops were downy mildew and fungicides were being applied as needed. Cattle farmers have harvested most of their second cutting of hay and yields look good.

**ALASKA:** Days suitable for fieldwork 6.0. Topsoil moisture supplies 100% adequate. Subsoil moisture supplies 25% short, 75% adequate. Barley 70% harvested. Oats 85% ripe. Barley condition 5% fair, 60% good, 35% excellent. Oat condition 10% fair, 60% good, 30% excellent. Potatoes 15% harvested. Potato condition 15% fair, 55% good, 30% excellent. Second cutting of hay 65% complete. Hay condition 20% poor, 50% fair, 30% good. Winter supplies of hay 30% short, 70% adequate. Range and pasture condition 20% poor, 30% fair, 35% good, 15% excellent. Wind or rain damage 95% none, 5% light. The main farm activities for the week were harvesting hay, barley and vegetables, baling straw, machinery maintenance.

**ARIZONA:** Temperatures were mostly above normal across the State for the week ending September 6, ranging from 1 degree below normal at Roll to 9 degrees above normal at Grand Canyon. The highest temperature of the week was 110 degrees at Phoenix and Yuma and the lowest reading of 43 degrees occurred at Grand Canyon. Precipitation was reported at 18 of the 22 stations. Opening of bolls has occurred on 54 percent of the cotton acreage, below last year's 69 percent, and behind the five-year average of 65 percent. Harvesting is underway at 7 percent complete, slightly behind last year at 9 percent, but ahead of the five-year average of 4 percent. Cotton conditions are mostly good to excellent, depending on location.

**ARKANSAS:** Days suitable for fieldwork 6.3. Topsoil moisture 1% very short, 32% short, 64% adequate, 3% surplus. Subsoil moisture 1% very short, 23% short, 74% adequate, 2% surplus. Corn 99% dented, 100% 2008, 100% avg; 88% mature, 91% 2008, 96% avg.; 39% harvested, 24% 2008, 56% avg.; condition 6% very poor, 12% poor, 32% fair, 34% good, 16% excellent. Soybeans 26% yellowing, 22% 2008, 41% avg.; 6% mature, 4% 2008, 19% avg.; 3% harvested, 2% 2008, 12% avg. Harvest continued last week for corn, soybeans, sorghum, and rice, while some winter wheat producers began planting their crop. Corn in the dent stage was 1% behind 2008 and the five-year average. Corn mature increased 11%, 3% behind 2008 and 8% behind the five-year average. Corn producers were able to harvest an additional 19% of their crop last week, 15% ahead of last year but 17% behind the five-year average. Cotton in the open bolls stage was slightly behind last year but almost two weeks behind the five-year average. Rice headed was 4% behind last year and 5% behind the five-year average. Rice farmers harvested an additional 7% of their crop last week. Sorghum coloring increased 5%, while sorghum reaching maturity increased 17% last week. Sorghum harvested was 19% ahead of last year but 20% behind the five-year average. The soybean crop had only 2% left to set pods, increasing 6% from last week. Soybeans in the yellowing stage was 4% ahead of 2008 but 15% behind the five-year average. Soybeans shedding increased 6% by week's end. Soybeans reaching maturity increased by 3% and producers were able to get an additional 2% of the crop harvested. Asian soybean rust continues to be a concern as farmers are spraying their soybean fields with fungicides along with insecticides to combat heavy insect pressure. Livestock were in mostly good condition. Producers continued to harvest hay, and pasture and range and hay crops were in fair to good condition.]

**CALIFORNIA:** Rice harvest started in Merced and Yuba Counties. Other areas were draining fields in preparation for harvest. Cotton continued to progress in growth and bolls were opening on plants. Alfalfa continued to be cut and baled, with areas entering their sixth and seventh cuttings. Pests have not been a significant problem in alfalfa this year in southern San Joaquin Valley. Corn for silage and corn for grain harvests continued. The corn for silage is at various stages of growth due to spread out planting dates. Safflower fields were being harvested in Fresno County. Black-eyed pea harvest continued. Dried beans were being windrowed. Peach and prune harvests continued at a slower pace throughout the Central Valley, while fig, nectarine, plum, Bartlett pear, raisin grape, table grape, wine grape, juicing grape, Gala apple, and Granny Smith apple harvests continued, primarily in the San Joaquin Valley. The wine grape harvest was also underway along the North Coast. The Asian pear harvest was underway in the San Joaquin Valley, with Yali and Shinko varieties being picked. Pomegranates continued to develop in size and color, with light harvesting of Foothill and Early Wonderful varieties occurring in the San Joaquin Valley. The Valencia orange harvest continued at a slower pace in the San Joaquin Valley. The lemon harvest continued along the Central and Southern coasts. Normal spraying and maintenance continued in orchards and vineyards. The almond harvest continued, though at a slower pace, in both the San Joaquin Valley and Sacramento Valley. Shaking was nearly completed for the Nonpareil variety, while shaking continued for other varieties. Sweeping, gathering, and delivering activities continued for all varieties. Quality continued to look good, though some growers showed concern over lower yields, likely caused by

the March frost. Ground preparation, spraying was continued to prepare for the upcoming walnut and pistachio harvests. Fresno County's summer vegetables were being harvested, including squash, radishes, fresh market and processing tomatoes, peppers, eggplant, cucumbers, carrots, green beans, long beans, daikon, herbs, onions, tomatillos and bittermelon. The harvests of watermelon, cantaloupe, and mixed melons were in full swing and pumpkin fields were growing well with good fruit set and sizing. The garlic harvest was winding down. Late-season squash, fall head lettuce and cucumbers were being planted. Growers were controlling weeds with herbicides, hand crews and cultivation. They were also working on pre-irrigation, soil fumigation and shaping beds. San Joaquin County's fall tomato harvest continued, while the onion harvest was nearly complete. Farmers were picking bell peppers, watermelons, and squash. Picking was started in pumpkin fields. The watermelon harvest was wrapping up in Sacramento County, but processing tomatoes continued to be harvested. Local peppers, tomatoes, melons and sweet corn continued to be harvested in Tulare County. Farmers in Merced County were harvesting basil, fresh market and processing tomatoes, bell peppers, fresh market red and white onions, honeydew, cantaloupe and tomatillos. Worm sprays were applied to tomato fields and the planting of radicchio continued. A small amount of organic greens were being harvested in Kern County. Rangeland and dry-land pasture forage conditions, already critically dry, continued to deteriorate. Fire danger was high to extreme. Upper and lower elevation vegetation in central areas showed signs of depletion with normal grazing. Increased supplemental feeding of cattle on dry pasture continued to be a necessity. Irrigated pasture remained in mostly good condition, with some increases in irrigation frequency. Some early fall beef cow calving was underway. Dairy herd reduction, in response to unfavorable milk market conditions, was ongoing. Some sheep and goats were grazing on dry-land grain fields and retired farmland, with some sheepling-off of harvested tomato fields in Merced. Honeybees were moved into melon and squash fields in Fresno, and to off-season locations in some other areas.

**COLORADO:** Days suitable for field work 6.3. Topsoil moisture 7% very short, 35% short, 55% adequate 3% surplus. Subsoil moisture 6% very short, 38% short, 52% adequate 4% surplus. Alfalfa 98% 2nd cutting 100% 2008, 98% avg.; 35% 3rd cutting, 54% 2008, 49% avg.; condition 5% poor 17% fair, 56% good, 22% excellent. Dry Beans 20% cut, 14% 2008, 22% avg.; 6% harvested, 3% 2008, 6% avg.; condition 1% poor, 28% fair, 61% good, 10% excellent. Spring barley 83% harvested, 83% 2008, 84% avg. Dry onions 31% harvested, 31% 2008, 41% avg.; condition 3% very poor, 3% poor, 6% fair, 66% good, 22% excellent. Sunflowers condition 3% very poor, 4% poor, 25% fair, 47% good, 21% excellent. Sugarbeets condition 1% poor, 12% fair, 65% good, 22% excellent. Summer potatoes 26% harvested, 24% 2008, 41% avg.; condition 95% good, 5% excellent. Fall potatoes 8% harvested, 17% 2008, 7% avg.; condition 1% very poor, 4% poor, 25% fair, 43% good, 27% excellent; Spring wheat 48% harvested, 44% 2008, 65% avg.; condition 5% poor, 19% fair, 43% good, 33% excellent. Corn silage 17% harvested, 16% 2008, 22% avg. Colorado continued to experience warm, dry conditions across most of the State last week. Rainfall was below average for this time of year while temperatures were slightly above normal.

**DELAWARE:** Days suitable for fieldwork 6.8. Topsoil moisture 0% very short, 3% short, 86% adequate, 11% surplus. Subsoil moisture 0% very short, 4% short, 88% adequate, 8% surplus. Hay supplies 0% very short, 3% short, 59% adequate, 38% surplus. Other Hay third cutting 79%, 55% 2008, 75% avg.; fourth cutting 2%, 1% 2008, 6% avg. Alfalfa Hay third cutting 99%, 93% 2008, 96% avg.; fourth cutting 19%, 22% 2008, 33% avg. Pasture condition 1% very poor, 3% poor, 25% fair, 64% good, 7% excellent. Corn condition 5% very poor, 14% poor, 29% fair, 40% good, 12% excellent. Soybean condition 2% very poor, 4% poor,

18% fair, 61% good, 15% excellent. Apple condition 2% very poor, 6% poor, 15% fair, 73% good, 4% excellent. Peach condition 7% very poor, 13% poor, 9% fair, 71% good. Corn dough 99%, 97% 2008, 98% avg.; 83% dent, 90% 2008, 93% avg.; 15% mature, 57% 2008, 60% avg.; harvested for grain 3%, 9% 2008, 11% avg.; harvested for silage 23%, 9%, 2008, 40% avg. Soybeans 98% Blooming, 96% 2008, 98% avg.; 86% setting pods, 86% 2008, 91% avg.; turning color 3%, 17% 2008, 18% avg.; 0% dropping leaves, 13% 2008, 10% avg. Cantaloups 89% harvested, 93%, 2008, 89% avg. Cucumbers 89% harvested, 86% 2008, 84% avg. Lima Beans 62% harvested, 47% 2008, 54% avg. Potatoes 80% harvested, 94% 2008, 85% avg. Snap Beans 83% harvested, 85% 2008, 93% avg. Sweet Corn 87% harvested, 87% 2008, 89% avg. Tomatoes 75% harvested, 82% 2008, 86% avg. Watermelons 92% harvested, 91% 2008, 89% avg. Apples 37% harvested, 18% 2008, 27% avg. Peaches 90% harvested, 93% 2008, 93% avg. Dry conditions allowed the hay harvest to progress steadily in both States. Corn harvest is now in full swing.

**FLORIDA:** Topsoil moisture 1% very short, 4% short, 80% adequate, 15% surplus. Subsoil moisture 5% short, 75% adequate, 20% surplus. Peanut condition 1% poor, 23% fair, 63% good, 13% excellent. Peanut harvest continued, early-planted fields, more growers starting to dig. Cooler weather slowed maturing of dry peanuts. Early peanut harvest hampered by showers, caused delays in combining. Medium maturity peanuts progressed, harvest next couple of weeks. Cotton, soybeans in good condition. Early cotton opened, picking not started. Corn for grain harvest underway, complete in some locations. Haying active; rainy weather slowed baling in many locations. Sugarcane in good condition. Soil moisture mostly adequate across State. North, some locations very short to adequate. Panhandle, central, and south, some surplus moisture. Vegetable growers prepared fields for fall production, some land preparation delayed at locations with heavy rain. Southwest pumping off excess water. Cucumbers, sweet corn planted, Orange, Seminole counties. Cucumbers harvested northern areas. Farmers laying plastic, planting vegetables for fall crop, southern Peninsula. Southwest still had standing water. Vegetable planting continued, central, northern counties. Tomato condition good; okra, avocados marketed. Citrus trees responding well to precipitation, sunshine with limbs flushing out new growth, fruit in good condition. New crop fruit sizing well with little evidence of off or late bloom. Grove practices included herbiciding, mowing in preparation for harvest, fertilizing, spraying, young tree care. Grove caretakers surveyed groves for greening, treated trees for citrus psyllid, removed already infected trees. Pasture Feed 1% poor, 14% fair, 60% good, 25% excellent. Cattle Condition 1% very poor, 2% poor, 12% fair, 60% good, 25% excellent. Panhandle, north pasture condition fair to good, most good. Land preparation for seeding winter forage underway. Cattle condition fair to excellent. Central pasture condition poor to excellent. Some armyworms damage to pasture. South range condition poor to excellent. Some pasture had standing water. Cattle condition very poor to excellent, most good. Calves being weaned. Statewide cattle in good to excellent condition.

**GEORGIA:** Days suitable for fieldwork 5.6. Topsoil moisture 2% very short, 19% short, 73% adequate, 6% surplus. Corn 2% very poor, 10% poor, 40% fair, 40% good, 8% excellent. Soybeans 2% very poor, 6% poor, 30% fair, 55% good, 7% excellent. Sorghum 2% very poor, 8% poor, 39% fair, 49% good, 2% excellent. Apples 0% very poor, 0% poor, 10% fair, 35% good, 55% excellent. Hay 1% very poor, 9% poor, 35% fair, 49% good, 6% excellent. Pecans 0% very poor, 3% poor, 37% fair, 43% good, 17% excellent. Corn 96% mature, 95% 2008, 96% avg.; harvested for grain 60%, 57% 2008, 60% avg. Soybeans 93% setting pods, 87% 2008, 91% avg.; dropping leaves 3%, 5% 2008, 11% avg. Sorghum harvested for grain 7%, 28% 2008, 25% avg. Apples 18% harvested, 13% 2008, 19% avg. Peanuts dug 0%, 1% 2008, 2% avg. Tobacco 85% harvested, 80% 2008, 89% avg. Wet weather has caused weed

control to be a problem in some pasture fields. Army worms plagued numerous fields and pastures. Peanut and soybean growers want more rain to improve the crop. Excessive rain, heat, drought and diseases have had a negative impact on some corn fields.

**HAWAII:** Days suitable for fieldwork 7. Soil moisture levels were adequate in many areas, with more areas of the State getting short to very short. Most banana and papaya orchards were in fair to good condition. Harvesting of fruits was at moderate to heavy levels. The head cabbage crop was in fair to good condition. Harvesting was steady. Trade wind conditions prevailed for most of the week due to a high pressure system north of the islands. Days were mostly dry and sunny. During mid-week, windward and mountain sections received some clouds and precipitation due to an upper level low pressure system. As the high pressure system that was situated north of the islands moved closer to the island, winds picked up and some associated rainfall fell over mostly windward areas. Leeward sections continued to be relatively dry. High temperatures ranged from the low-80's to 90. The National Weather Service issued a "Red Flag Warning" on brush fires for leeward sides of all islands indicating that a dangerous combination of strong winds, low relative humidity, and warm temperatures is occurring or will occur shortly. Several brush fires occurred last week including one that burned an estimated 8,000 acres in central Molokai.

**IDAHO:** Days suitable for field work 6.6 days. Topsoil moisture 10% very short, 31% short, 58% adequate, 1% surplus. Field corn harvested for silage 8%, 4% 2008, 9% avg. Onions harvested 20%, 13% 2008, 22% avg. Potato vines killed 54%, 37% 2008, 51% avg. Potatoes harvested 5%, 3% 2008, 6% avg. Oats harvested for grain 85%, 67% 2008, 76% avg. Dry peas harvested 96%, 89% 2008, 94% avg. Lentils harvested 90%, 79% 2008, 91% avg. Dry beans harvested 50%, 30% 2008, 31% avg. Peaches harvested 80%, 62% 2008, 78% avg. Alfalfa hay 2nd cutting harvested 97%, 95% 2008, 98% avg. Alfalfa hay 3rd cutting harvested 50%, 60% 2008, 68% avg. Alfalfa hay 4th cutting harvested 12%, 9% 2008, 20% avg. Mint 1st cutting harvested 99%, 95% 2008, 98% avg. Irrigation water supply 0% very poor, 4% poor, 11% fair, 64% good, 21% excellent. Potato condition 1% very poor, 0% poor, 5% fair, 86% good, 8% excellent. Winter wheat harvested 97%, 96% 2008, 98% avg. Winter wheat planting has begun in all four regions of the state, including North Idaho at 2 percent planted. Caribou County reported that warm dry weather helped farmers get crops harvested. The Camas County extension educator reported a grasshopper problem. Statewide, dry peas are at 96 percent harvested and the first cutting of mint is at 99 percent harvested. Plum and prune harvest is 75 percent complete.

**ILLINOIS:** Days suitable for fieldwork 5.9. Topsoil moisture 1% very short, 10% short, 82% adequate, 7% surplus. Corn 86% dough, 94% 2008, 98% avg.; condition 1% very poor, 8% poor, 27% fair, 52% good, 12% excellent. Soybeans 7% turning yellow, 16% 2008, 42% avg.; condition 2% very poor, 7% poor, 31% fair, 49% good, 11% excellent. Sorghum 81% headed, 99% 2008, 99% avg.; condition 1% very poor, 2% poor, 42% fair, 53% good, 2% excellent. Alfalfa 78% third crop cut, 88% 2008, 91% avg. Ongoing cooler temperatures have continued to slow the crop maturity rates. Many reports of soybean aphids have also been received statewide. There was a welcome break in rainfall statewide, with precipitation returning to normal levels after weeks of above average rainfall. Temperatures statewide averaged 64 degrees, 7.3 below average. Precipitation averaged 0.61 inches, 0.01 inch below average.

**INDIANA:** Days suitable for fieldwork 6.5. Topsoil moisture 4% very short, 25% short, 67% adequate, 4% surplus. Subsoil moisture 4% very short, 22% short, 68% adequate, 6% surplus. Corn in dough 89%, 93% 2008, 97% avg.; 41% dented, 58% 2008,

77% avg.; 3% mature, 7% 2008, 22% avg.; condition 3% very poor, 8% poor, 26% fair, 50% good, 13% excellent. Soybeans setting pods 95%, 96% 2008, 99% avg.; shedding leaves 6%, 16% 2008, 23% avg.; condition 3% very poor, 9% poor, 25% fair, 51% good, 12% excellent. Pasture condition 2% very poor, 8% poor, 26% fair, 50% good, 14% excellent. Alfalfa third cutting 83% complete, 91% 2008, 91% avg. Tobacco 25% harvested, 13% 2008, 25% avg. Temperatures ranged from 4° to 10° below normal with a low of 39° and a high of 86°. Total precipitation ranged from 0.0 inches to 2.19 inches. Cooler than normal temperatures were experienced again during the week as the corn and soybean crops slowly advance toward maturity. Sudden death syndrome (SDS) and white mold have damaged some soybean fields around the state. Harvest of corn silage and seed corn was in full swing. Many farmers took a day off to attend the Farm Progress Show.

**IOWA:** Days suitable for fieldwork 6.1. Topsoil moisture 1% very short, 11% short, 81% adequate, and 7% surplus. Subsoil moisture 2% very short, 9% short, 77% adequate, and 12% surplus. Corn at or beyond the milk stage 97%, average 99%, last year 96%. Corn at or beyond the dough stage 86%, average 93%, last year 81%. Corn at or beyond the dent stage 53%, average 74%, last year 28%. Corn at or beyond the mature stage 2%, average 17%, last year 3%. Corn condition rated 3% very poor, 5% poor, 16% fair, 51% good, and 25% excellent. Soybeans setting pods 99%, average 100%, last year 98%. Soybean leaves turning color, 46% average, last year 26%. Soybeans 29% dropping leaves 4%, average 14%, last year 4%. Soybean condition rated 2% very poor, 5% poor, 18% fair, 55% good, 20% excellent. Alfalfa third harvest 72%, average 81%, last year 59%. All Hay condition rated 2% very poor, 11% poor, 27% fair, 49% good, 11% excellent. Pasture and range condition rated 1% very poor, 8% poor, 24% fair, 51% good, 16% excellent. While temperatures continued to stay on the cool side, Iowa received lower than average rainfall. Low humidity and clear skies allowed crops to make some progress as the growing season draws to a close. The below average rainfall has been especially beneficial to low-lying fields in Eastern Iowa where flooding continues to be a concern. Farmers again reported fungal disease in corn and soybean fields. Soybean sudden death syndrome has been identified as the cause of some fields turning color early. While corn and soybeans are still rated in mostly good to excellent condition, crop progress continues to fall behind the five-year averages for most stages.

**KANSAS:** blooming 93%, 91% in 2008, and 95% avg.; ray flowers dry 44%, 40% in 2008, and 50% avg.; bracts yellow 13%, 14% in 2008, and 20% avg. Condition 2% very poor, 6% poor, 21% fair, 61% good, and 10% excellent. Alfalfa: third cutting 96% complete, 100% in 2008, and 98% avg.; fourth cutting 30% complete, 46% in 2008, and 51% avg. Range and pasture condition 2% very poor, 5% poor, 30% fair, 53% good, and 10% excellent. Feed grain supplies 5% short, 94% adequate, and 1% surplus. Hay and forage supplies 4% short, 85% adequate, and 11% surplus. Stock water supplies 2% very short, 8% short, 85% adequate, and 5% surplus.

**KENTUCKY:** Days suitable for fieldwork 6.0. Topsoil moisture 5% very short, 32% short, 62% adequate and 1% surplus. Subsoil moisture 4% very short, 25% short, 67% adequate and 4% surplus. Farm activities last week included tobacco cutting and housing, harvesting hay, preparing combines, trucks and grain bins for corn harvest. Burley tobacco cut was 50%, 55% last year, 59% on average. Dark tobacco was 46% cut, compared to 59% last year and 53% on average. Tobacco condition was rated 1% very poor, 6% poor, 17% fair, 49% good, and 27% excellent. The hay crop condition was rated 1% very poor, 6% poor, 20% fair, 52% good, and 21% excellent. Pasture condition 2% very poor, 6% poor, 22% fair, 50% good and 20% excellent. Generally crops appear to be doing well Statewide. Producers are very confident about the corn crop, but a bit cautious about double crop beans.

**LOUISIANA:** Days suitable for fieldwork 6.6. Soil moisture 12% very short, 32% short, 54% adequate, 2% surplus. Corn 100% mature, 100% 2008, 100% avg.; 90% harvested, 72% 2008, 88% avg.; 1% very poor, 26% poor, 32% fair, 38% good, 3% excellent. Hay 89% second cutting, 89% 2008, 94% avg. Rice 97% ripe, 90% 2008, 95% avg.; 76% harvested, 48% 2008, and 76% avg. Sorghum 77% harvested, 73% 2008, 83% avg. Soybeans 76% turning color, 60% 2008, 70% avg.; 57% dropping leaves, 50% 2008, 58% average. Sugarcane 72% planted, 36% 2008, 56% avg.; 4% very poor, 12% poor, 32% fair, 39% good, 13% excellent. Livestock 2% very poor, 6% poor, 41% fair, 47% good, 4% excellent. Vegetable 9% very poor, 20% poor, 41% fair, 29% good, 1% excellent. Range and pasture 5% very poor, 15% poor, 40% fair, 37% good, 3% excellent.

**MARYLAND:** Days suitable for fieldwork 6.6. Topsoil moisture 1% very short, 16% short, 79% adequate, 4% surplus. Subsoil moisture 2% very short, 16% short, 79% adequate, 3% surplus. Hay supplies 5% very short, 1% short, 88% adequate, 6% surplus. Other Hay third cutting 54%, 71% 2008, 60% avg.; fourth cutting 8%, 8% 2008, 8% avg. Alfalfa Hay third cutting 96%, 98% 2008, 93% avg.; fourth cutting 35%, 35% 2008, 41% avg. Pasture condition 2% very poor, 8% poor, 30% fair, 44% good, 16% excellent. Corn condition 3% very poor, 8% poor, 22% fair, 47% good, 20% excellent. Soybean condition 2% very poor, 7% poor, 26% fair, 51% good, 14% excellent. Apple condition 5% poor, 8% fair, 85% good, 2% excellent. Peach condition 11% poor, 28% fair, 55% good, 6% excellent. Corn 95% dough, 100% 2008, 76% avg.; 74% dent, 78% 2008, 82% avg.; 21% mature, 46% 2008, 46% avg.; harvest for grain 2%, 22% 2008, 10% avg.; harvest for silage 45%, 41% 2008, 42% avg. Soybeans 99% Blooming, 89% 2008, 94% avg.; 87% setting pods, 85% 2008, 88% avg.; turning color 7%, 31% 2008, 19% avg.; dropping leaves 2%, 17% 2008, 7% avg. Cantaloups 86% harvested, 89% 2008, 91% avg. Cucumbers 90% harvested, 89% 2008, 86% avg. Lima Beans 68% harvested, 58% 2008, 66% avg. Potatoes 100% harvested, 99% 2008, 90% avg. Snap Beans 81% harvested, 89% 2008, 91% avg. Sweet Corn 84% harvested, 88% 2008, 91% avg. Tomatoes 81% harvested, 85% 2008, 84% avg. Watermelons 77% harvested, 93% 2008, 90% avg. Apples 45% harvested, 54% 2008, 49% avg. Peaches 93% harvested, 89% 2008, 93% avg. Dry conditions allowed the hay harvest to progress steadily in both States. Corn harvest is now in full swing.

**MICHIGAN:** Days suitable for fieldwork 7. Topsoil 2% very short, 19% short, 75% adequate, 4% surplus. Subsoil 4% very short, 20% short, 74% adequate, 2% surplus. Corn silage harvested 2%, 21% 2008, 24% avg. Soybeans turning 6%, 41% 2008, 35% avg. Potatoes 26% harvested, 29% 2008, 24% avg. All hay 3% very poor, 8% poor, 24% fair, 52% good, 13% excellent. Second cutting hay 90%, 99% 2008, 99% avg.; cutting hay 54%, 67% 2008, 67% avg.; cutting hay 10%, 9% 2008, 10% avg. Dry beans 4% very poor, 11% poor, 39% fair, 40% good, 6% excellent; setting pods 99%, 100% 2008, 100% avg.; turning 45%, 64% 2008, 78% avg.; dropping leaves 18%, 21% 2008, 41% avg. Apples 11% harvested, 14% 2008, 11% avg. Blueberries 99% harvested, 94% 2008, 96% avg. Precipitation varied from no precipitation western Upper Peninsula, northeast, west central, central, east central, and southwest to Lower Peninsula to 0.41 southeast Lower Peninsula. Average temperatures ranged from 5 degrees below normal southeast, southwest, and south central Lower Peninsula to normal temperatures eastern Upper Peninsula. This a normal late summer week with moderate but below normal temperatures. Crops continuing to progress well with warm and sunny temperatures experienced. Some cool overnight temperatures seen as low as 31 degrees western Upper Peninsula and 33 degrees northwest Lower Peninsula. Pleasant conditions, and minimal precipitation, helped progress development of crops. However, many farmers still concerned about development of corn and soybeans prior to

frost. Farmers continued preparing wheat fields for 2010 crop. Activities included liming, spreading manure, spraying and tilling. Reports continued that plantings of 2010 wheat crop could be late depending on harvest of soybeans. Oat harvest all but complete. Corn growth stages ranging from milk to dent. Soybeans growth stages ranged from R4-R6. Soybeans still short but had numerous pods. Development of both crops still behind as heat units still needed. Alfalfa harvest continued, with some farmers receiving a fourth cutting. Southeast, some farmers have begun to seed new alfalfa. Farmers putting finishing touches on equipment used for harvest of sugarbeets. Harvest should begin September 12. Dry bean advancement continued. Some fields setting and filling pods. Thumb, white mold a problem. Harvest of Ginger Gold, Williams Pride, Zestar, Mollies Delicious, Jonamac, McIntosh and Gala apples underway southwest. Blueberry harvest completed for most part, with a few growers still harvesting Elliott blueberries. Cresthaven, PF25, Loring, Glowingsstar, PF19-007, PF23, PF244-007, PF24C peaches being picked southwest; brown rot common in some orchards. Bartlett pears continued to be harvested. Southwest, Anjou and Bosc winter pears also being picked. Stanley plums being harvested. Southwest, harvest of NY9, Italian, Red Heart, and Vision plums underway. Fall raspberry harvest continued. Harvest of Mars, Fredonia, Himrod, Vanessa, and Marquis grapes underway southwest; harvest of Niagara grapes is expected to begin late September. Northwest, grapes at veraison. Tomato harvest continued. East central region, some fields showing effects of water damage from early season, and cracking observed on some of heirloom varieties. Southwest, some blossom end rot appeared in tomatoes due to recent warmer temperatures. Sweet corn harvest also continued with most farms reporting a good crop with few pest issues; cooler temperatures slowed development of later plantings. Pepper and eggplant harvest continued with few problems reported. Zucchini and yellow squash harvest continued, but slowed due to cooler temperatures. Watermelons harvested a number of locations, while pumpkin, winter squash, and cantaloup development continued; growers advised to stay on top of protective sprays due to powdery mildew. Carrot, lettuce, celery, onion, cucumber and pickle harvest continued; cucurbit downy mildew continued to be a problem for cucumber and pickle growers.

**MINNESOTA:** Days suitable for fieldwork 6.8. Topsoil moisture 3% very short, 24% short, 71% adequate, 2% surplus. Corn 97% milk, 100% 2008, 100% avg.; 8% silage cut, 16% 2008, 27% avg. Soybean 31% turning yellow, 37% 2008, 52% avg. Spring Wheat 98% ripening, 100% 2008, 100% avg. Barley 99% ripening, 100% 2008, 100% avg. Potatoes 23% harvested, 29% 2008, 36% avg.; condition 1% poor, 8% fair, 62% good, 29% excellent. Sweet Corn 61% harvested, 67% 2008, 72% avg. Canola 21% harvested, 51% 2008, 73% avg.; condition 12% poor, 42% fair, 35% good, 11% excellent. Dry Bean 5% harvested, 14% 2008, 12% avg.; condition 2% very poor, 5% poor, 25% fair, 58% good, 10% excellent. Pasture condition 4% very poor, 13% poor, 40% fair, 41% good, 2% excellent. Sugarbeet 3% harvested, 0% 2008, 1% avg.; condition 1% very poor, 4% poor, 21% fair, 59% good, 15% excellent. Sunflower condition 1% very poor, 9% poor, 33% fair, 48% good, 9% excellent. Temperatures were mild as daytime highs warmed from the low to mid 70s early in the week to the upper 70s and low 80s by week's end. Little to no precipitation fell across the state. Small grain producers had their most active harvest week this season.

**MISSISSIPPI:** Days suitable for fieldwork 5.6. Soil moisture 5% very short, 25% short, and 70% adequate. Corn 100% dough, 100% 2008, 100% avg.; 100% dent, 100% 2008, 100% avg.; 97% mature, 96% 2008, 98% avg.; 65% harvested, 40% 2008, 70% avg.; 98% silage harvested, 91% 2008, 98% avg.; 5% very poor, 15% poor, 33% fair, 45% good, 2% excellent. Cotton 100% setting bolls, 100% 2008, 100% avg.; 41% open bolls, 37% 2008, 66% avg.; 1% very poor, 5% poor, 27% fair, 54% good, 13% excellent.

Peanuts 0% very poor, 0% poor, 26% fair, 53% good, 21% excellent. Rice 100% heading, 97% 2008, 99% avg.; 61% mature, 62% 2008, 72% avg.; 18% harvested, 7% 2008, 21% avg.; 0% very poor, 1% poor, 28% fair, 46% good, 25% excellent. Sorghum 100% heading, 100% 2008, 100% avg.; 100% turning color, 96% 2008, 99% avg.; 95% mature, 72% 2008, 93% avg.; 15% harvested, 26% 2008, 65% avg.; 1% very poor, 2% poor, 48% fair, 42% good, 7% excellent. Soybeans 100% setting pods, 100% 2008, 100% avg.; 58% turning color, 66% 2008, 84% avg.; 38% shedding leaves, 38% 2008, 67% avg.; 14% harvested, 9% 2008, 41% avg.; 2% very poor 8% poor, 25% fair, 47% good, 18% excellent. Hay (harvested-warm) 88%, 86% 2008, 87% avg.; 0% very poor, 4% poor, 21% fair, 54% good, 21% excellent. Wheat 0% planted, 0% 2008, 0% avg. Sweetpotatoes 12% harvested, 2% 2008, 12% avg.; 0% very poor, 0% poor, 30% fair, 70% good, 0% excellent. Cattle 1% very poor, 4% poor, 25% fair, 61% good, 9% excellent. Pasture 2% very poor, 10% poor, 28% fair, 48% good, 12% excellent. Grain and soybean crop harvest is progressing in several parts of the state. Producers are preparing fields for the planting of cool season forages.

**MISSOURI:** Days suitable for fieldwork 5.7. Topsoil moisture 12% short, 84% adequate, 4% surplus. Subsoil moisture 9% short, 87% adequate, 4% surplus. Alfalfa hay 3rd cutting 86%, 79% 2008, 88% normal. Pasture condition 3% poor, 30% fair, 58% good, and 9% excellent. Hay supply 1% short, 73% adequate, 26% surplus. Stock water supplies 1% short, 95% adequate, 4% surplus. Rainfall averaged 0.69 of an inch. Temperatures were 5 to 8 degrees below average across the State. Sudden Death Syndrome (SDS) and insect damage were reported in soybeans in the northeast and central districts.

**MONTANA:** Days suitable for field work 6.8. Topsoil moisture 12% very short, 43% short, 44% adequate, 1% surplus. Subsoil moisture 11% very short, 46% short, 43% adequate, 0% surplus. Durum wheat condition 2% very poor; 10% poor; 29% fair; 36% good; 23% excellent. Sugar beet condition 0% very poor, 0% poor, 20% fair, 35% good, 45% excellent. Barley 58% harvested, 76% last year. Durum wheat 93% turning, 100% last year, 24% harvested, 77% last year. Oats 89% harvested, 86% last year. Spring wheat 58% harvested, 82% last year. Winter wheat 95% harvested, 95% last year. Winter wheat planted 2%, 0% last year. Alfalfa hay second cutting 84% complete, 89% last year. Other hay second cutting 56% complete, 73% last year. Dry peas 91% harvested, 97% last year. Lentils 85% harvested, 88% last year. The state experienced above normal temperatures with limited precipitation during the week. Highs were in the 80s and 90s, and lows were mostly in the 30s and 40s. Havre had the high temperature of 99 degrees, and Sula had the low temperature of 28 degrees. Plevna received the greatest amount of weekly precipitation with 0.65 of an inch. Range and pasture feed condition 6% very poor, 20% poor, 45% fair, 24% good, 5% excellent. Cattle and calves moved from summer ranges 14%, 15% last year. Sheep and lambs moved from summer ranges 13%, 16% last year.

**NEBRASKA:** Days suitable for fieldwork 5.8. Topsoil moisture 1% very short, 21% short, 75% adequate and 3% surplus. Subsoil moisture 2% very short, 17% short, 80% adequate, and 1% surplus. Corn conditions 2% very poor, 6% poor, 15% fair, 50% good, and 27% excellent. Irrigated Corn conditions rated 80% good or excellent. Dryland Corn rated 72% good or excellent. Corn 96% dough, 94% 2008, 97% avg.; 69% dent, 69% 2008, 80% avg.; 6% mature, 5% 2008, 12% avg. Soybean conditions 2% very poor, 6% poor, 15% fair, 55% good, and 22% excellent; 99% setting pods, 99% 2008, 100% avg.; 37% turning color, 24% 2008, 38% avg.; 2% dropping leaves, 3% 2008, 6% avg. Sorghum conditions 0% very poor, 3% poor, 25% fair, 51% good, and 21% excellent; 96% headed, 99% 2008, 99% avg.; 36% turning color, 43% 2008, 63% avg. Winter Wheat 11% seeded, 6% 2008, 10% avg. Proso millet 2% harvested, 5% 2008, 10% avg. Dry beans conditions 1% very

poor, 8% poor, 22% fair, 60% good, and 9% excellent; 64% turning color, 72% 2008, 64% avg.; 21% dropping leaves, 17% 2008, 27% avg.; 5% harvested for grain, 3% 2008, 6% avg. Alfalfa conditions rated 1% very poor, 5% poor, 22% fair, 58% good, 14% excellent; 84% 3rd cutting, 92% 2008, 92% avg.; 17% 4th cutting, 6% 2008, 18% avg. Pasture and Range conditions rated 2% very poor, 4% poor, 20% fair, 57% good, and 17% excellent. Another cool week hampered crop maturation and high humidity slowed producers trying to put up hay. Producers are wrapping up irrigation for the season, as well as preparing machinery and bins for harvest. The first fields of dry beans and proso millet were being harvested in the west. Corn silage continued to be cut around the state. Temperatures averaged 4 degrees below normal across the state. The Panhandle had above normal temperatures with highs in the low 90's, the rest of the state had highs near 80 with lows in the 40's. Precipitation was mostly limited to the eastern half of the state.

**NEVADA:** 7. Mild weather dominated across the State for the week. Temperatures ranged between four and seven degrees above normal. Las Vegas recorded the highest temperature across the State reporting 103 degrees while Winnemucca and Reno were second, reporting a high of 93 degrees. Ely and Winnemucca reported a low temperature of 40 degrees. Ely and Tonopah each recorded .01 inches of precipitation. Pasture and range conditions are mostly in fair to good condition with some slipping to poor and very poor condition. Third cutting of alfalfa hay is underway in most areas. Mint harvest is mostly complete. Potatoes have been desiccated in preparation for harvest. 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 1% very short, 27% short, 65% adequate, 7% surplus. Subsoil moisture 1% very short, 16% short, 75% adequate, 8% surplus. Pasture condition 1% very poor, 5% poor, 31% fair, 59% good, 4% excellent. Maine Potatoes 5% harvested, 5% 2008, 5% average; condition good/excellent. Rhode Island Potatoes 35% harvested, 65% 2008, 55% average; condition fair. Massachusetts Potatoes 45% harvested, 35% 2008, 30% average; condition good/fair. Maine Oats 70% harvested, 45% 2008, 50% average; condition good/fair. Maine Barley 65% harvested, 70% 2008, 65% average; condition good/fair. Field Corn for Silage 5% harvested, 5% 2008, 5% average; condition fair/good. Sweet Corn 80% harvested, 85% 2008, 80% average; condition good/fair. Shade Tobacco 90% harvested, 95% 2008, 95% average; condition good/fair. Broadleaf Tobacco 85% harvested, 95% 2008, 90% average; condition fair/poor. First Crop Hay 100% harvested, 99% 2008, 99% average; condition fair/good. Second Crop Hay 90% harvested, 85% 2008, 85% average; condition good/fair. Third Crop Hay 50% harvested, 35% 2008, 40% average; condition good/excellent in Vermont and New Hampshire, good/fair elsewhere. Apples 15% harvested, 20% 2008, 20% average; Fruit Size average/above average in New Hampshire and Rhode Island, average elsewhere; condition good/fair in Connecticut and Maine, good elsewhere. Peaches 80% harvested, 90% 2008, 85% average; Fruit Size average; condition good/fair in Connecticut, good elsewhere. Pears 20% harvested, 25% 2008, 25% average; Fruit Size average; condition fair/good in Connecticut, good elsewhere. Massachusetts Cranberries Fruit Size average/above average; condition good/excellent. Highbush Blueberries 95% harvested, 90% 2008, 95% average; Fruit Size average; condition good/fair in Connecticut and Maine, good/excellent elsewhere. Maine Wild Blueberries 100% harvested, 99% 2008, 100% average; Fruit Size average; condition good. Last week began with partly cloudy skies throughout New England with below average temperatures in the mid-60s to low 70s. Temperatures warmed up during the week and were mostly average with some highs

reaching into the low 80s on Friday and Saturday. Lows remained on the cool side in the 40s and 50s throughout the week. Areas in the extreme North experienced light frosts during the week but none were severe. Skies remained clear and rain-free during the week providing excellent harvesting conditions, however some growers were forced to irrigate due to the drier conditions. Farmers were harvesting dry hay, haylage, oats, barley, and tobacco, planting cover crops, spreading manure on freshly harvested hay fields, scouting for pests, mowing orchard floors, and harvesting an array of vegetables, early varieties of apples, peaches, pears, blueberries, and raspberries.

**NEW JERSEY:** Days suitable for field work 7.0. Topsoil moisture 10% short, 85% adequate, 5% surplus. Subsoil moisture 90% adequate, 10% surplus. There were no measurable amounts of rainfall during the week. Temperatures were variable across the Garden State. Activities during the week were planting and harvesting vegetables, re-seeding hay fields, and spraying pesticides. Corn and soybean maturation was aided by sunny conditions. Second and third hay-cuttings of alfalfa and other hay varieties continued. Early pumpkin harvest began. Orchard producers continued harvesting peaches and apples. Conditions were mostly good for grapes as harvest started in the southern district.

**NEW MEXICO:** Days suitable for fieldwork 6.8. Topsoil moisture 26% very short, 40% short, 33% adequate, 1% surplus. Wind damage 3% light. Alfalfa 7% very poor, 4% poor, 20% fair, 64% good, 5% excellent; 96% of the fourth cut completed, 43% of the fifth cut completed. Cotton 5% poor, 43% fair, 41% good, 11% excellent; 80% setting bolls, 26% bolls opening. Corn 1% poor, 19% fair, 63% good, 17% excellent; 87% dough, 46% dent, 23% mature. Irrigated sorghum 2% very poor, 3% poor, 23% fair, 66% good, 6% excellent; 100% headed, 34% coloring. Dry sorghum 6% very poor, 42% poor, 30% fair, 22% good; 86% headed, 9% coloring. Total sorghum 5% very poor, 28% poor, 28% fair, 37% good, 2% excellent; 91% headed, 18% coloring. Irrigate winter wheat 60% planted. Dry winter wheat 52% planted. Total winter wheat 55% planted. Peanuts 85% fair, 15% good; 84% pegging. Lettuce 30% planted. Chile 26% fair, 55% good, 19% excellent with 9% light pod set, 66% average pod set, 25% heavy pod set; 75% green chile harvested, 4% red chile harvested. Pecans 23% fair, 62% good, 15% excellent with 18% light nut set, 73% average nut set, 9% heavy nut set. Cattle 2% very poor, 16% poor, 46% fair, 22% good, 14% excellent. Sheep 17% very poor, 30% poor, 34% fair, 19% good. Range and pasture 18% very poor, 34% poor, 33% fair, 14% good, 1% excellent. The temperatures during the week were mostly above normal for this time of the year. A flash flood warning was issued for central Cibola and south central McKinley Counties on Saturday and for central Roosevelt County on Sunday. Gallup reported 2.09 inches of rain on Saturday and Portales 1.46 inches on Sunday. More afternoon thunderstorms with heavy rain are forecast for Tuesday. A cold front will push through the eastern plains Wednesday morning and push westward into the Rio Grande Valley by Wednesday evening.

**NEW YORK:** Days suitable for fieldwork 6.5. Soil moisture 4% short, 85% adequate and 11% surplus. Pastures 1% very poor, 4% poor, 21% fair, 56% good, and 18% excellent. Soybean condition 7% poor, 26% fair, 55% good, 12% excellent. Hay 9% poor, 26% fair, 47% good, 18% excellent. Oats 95%, 93% 2008, 94% average. Potatoes 44%, 45% 2008, 50% average. Alfalfa 2nd cutting 97%, 95% 2008, 95% average. Alfalfa 3rd cutting 71%, 74% 2008, 68% average. Timothy hay 2nd cutting 86%, 84% 2008, 89% average. Timothy hay 3rd cutting 49%, 58% 2008, 54% average. Apple condition 1% poor, 2% fair, 11% good, 86% excellent. Grapes 5% poor, 38% fair, 44% good, 13% excellent. Peaches 2% poor, 8% fair, 43% good, 47% excellent. Pears 7% poor, 17% fair, 29% good, 47% excellent. Apples 22% harvested, 17% 2008, 27% average. Peaches 93%, 66% 2008, 78% average. Pears 72%, 45%

2008, 57% average. In the Lake Ontario Fruit Region, apple scab was still active in orchards where primary scab was not controlled this spring. In Albany County, apple harvest was in full swing. On Long island, adult oriental fruit moths were still flying, and damage from larvae was seen in late-ripening peaches. Tomato 74% harvest, 64% average. Onions 70%, 60% average. Sweet corn 64%, 75% 2008, 75% average. Snap beans 71%, 77% average. Cabbage 71%, 52% average. Tomato condition 37% poor, 14% fair, 22% good, 27% excellent. Lettuce 25% fair, 61% good, 14% excellent. Onions 22% fair, 50% good, 28% excellent. Sweet corn 4% poor, 19% fair, 57% good, 20% excellent. Snap beans 8% poor, 39% fair, 48% good, 5% excellent. Cabbage 16% poor, 23% fair, 50% good, 11% excellent. Temperatures and precipitation averaged below normal statewide during this period.

**NORTH CAROLINA:** Days suitable for fieldwork 6.0. Topsoil moisture 3% very short, 16% short, 76% adequate, 5% surplus. Most of the state received light precipitation last week, ranging from 0.02 inches in Williamston to 2.36 inches in Hickory. Average temperatures were below normal, ranging from 63 to 76 degrees. Activities during the week included harvesting corn, tobacco, and apples and tending livestock.

**NORTH DAKOTA:** Days suitable for fieldwork 6.4. Topsoil moisture 1% very short, 35% short, 62% adequate, 2% surplus. Subsoil moisture 2% very short, 33% short, 64% adequate, 1% surplus. Durum wheat was 97% turning, 100% 2008, 97% average; 26% harvested, 73% 2008, 72% average; condition 1% poor, 16% fair, 68% good, 15% excellent. Canola was 97% turning, 100% 2008, 99% average; 74% swathed, 92% 2008, 95% average; 26% harvested, 50% 2008, 68% average. Dry edible peas were 93% harvested, 100% 2008, average not available. Flaxseed was 94% turning, 99% 2008, 98% average; 10% harvested, 38% 2008, 49% average; condition 1% poor, 18% fair, 72% good, 9% excellent. Soybeans were 86% fully podded and beyond, 96% 2008, 95% average; 18% of lower levels yellowing, 48% 2008, 54% average. Dry edible beans were 76% fully podded, 95% 2008, 93% average; lower leaves 36% yellowing, 81% 2008, 76% average; 7% dropping leaves, 55% 2008, 56% average; condition 3% very poor, 7% poor, 35% fair, 46% good, 9% excellent. Potato vines 22% killed, 51% 2008, 51% average; condition 7% very poor, 7% poor, 18% fair, 45% good, 23% excellent. Sugarbeets 2% lifted, 1% 2008, 2% average; condition was 2% very poor, 5% poor, 18% fair, 63% good, 12% excellent. Sunflower ray flowers 46% dried/dropped, 82% 2008, 77% average; 4% bracts turned yellow, 37% 2008, 45% average; condition 1% poor, 19% fair, 71% good, 9% excellent. Second cutting of alfalfa was 91% complete, 90% 2008, average not available. Hay condition was 2% very poor, 5% poor, 25% fair, 56% good, 12% excellent. Stockwater supplies 5% short, 91% adequate, 4% surplus. Limited precipitation and above normal temperatures across the state allowed for good small grain harvest progress. Most of the state was dry last week with the southwest district receiving the majority of the precipitation. The warm temperatures were beneficial to the late season crop development.

**OHIO:** Days suitable for fieldwork 6.4. Soil moisture 7% very short, 24% short, 67% adequate, 2% surplus. Corn 1% very poor, 5% poor, 22% fair, 49% good, 23% excellent. Hay 1% very poor, 9% poor, 34% fair, 49% good, 7% excellent. Livestock condition 0% very poor, 1% poor, 14% fair, 72% good, 13% excellent. Pasture and Range 1% very poor, 12% poor, 30% fair, 50% good, 7% excellent. Soybeans 1% very poor, 4% poor, 24% fair, 53% good, 18% excellent. Corn in dough 88%, 90% 2008, 94% avg. Corn dented 52%, 60% 2008, 70% avg.; 3% Mature, 9% 2008, 8% avg.; silage harvested 22%, 35% 2008, 27% avg. Soybeans 9% dropping leaves, 18% 2008, 19% avg. Alfalfa hay third cutting 86%, 98% 2008, 86% avg.; fourth cutting 21%, 44% 2008, 26% avg. Other hay second cutting 96%, 100% 2008, 98% avg.; third cutting 44%, 69% 2008, 55% avg. Peaches 84% harvested, 98% 2008,

90% avg. Apples % summer varieties harvested 94%, 98% 2008, 88% avg. Apples % fall & winter varieties harvested 13%, 10% 2008, 7% avg. Grapes 28% harvested, 17% 2008, 10% avg. Cucumbers 94% harvested, 81% 2008, 72% avg. Potatoes 44% harvested, 47% 2008, 47% avg. Processing tomatoes 50% harvested, 28% 2008, 44% avg.

**OKLAHOMA:** Days suitable for fieldwork 5.9. Topsoil moisture 22% very short, 29% short, 47% adequate, 2% surplus. Subsoil moisture 18% very short, 29% short, 50% adequate, 3% surplus. Wheat seedbed prepared 67% this week, 50% last week, 67% last year, 53% average. Rye seedbed prepared 69% this week, 50% last week, 70% last year, 69% average; planted 13% this week, 89% last week, 12% last year, 14% average. Oats seedbed prepared 55% this week, 34% last week, 49% last year, 53% average. Corn condition 8% very poor, 13% poor, 20% fair, 29% good, 30% excellent; dough 100% this week, 96% last week, 94% last year, 98% average; dent 85% this week, 68% last week, 65% last year, 85% average; mature 48% this week, 39% last week, 50% last year, 58% average; harvested 21% this week, 12% last week, 24% last year, 34% average. Soybeans condition 2% very poor, 7% poor, 27% fair, 42% good, 22% excellent; blooming 98% this week, 96% last week, 94% last year, 93% average; setting pods 92% this week, 80% last week, 82% last year, 81% average. Peanuts setting pods 96% this week, 86% last week, 98% last year, 100% average. Alfalfa hay condition 3% very poor, 9% poor, 33% fair, 49% good, 6% excellent; 4th cutting 79% this week, 62% last week, 84% last year, 84% average; 5th cutting 16% this week, 5% last week, 25% last year, 27% average. Other hay condition 3% very poor, 15% poor, 45% fair, 35% good, 2% excellent 2nd cutting 57% this week, 45% last week, 58% last year, 65% average. Watermelons harvested 92% this week, 85% last week, 95% last year, 96% average. Livestock condition 1% poor, 5% poor, 28% fair, 55% good, 11% excellent. Pasture and range condition 3% very poor, 11% poor, 35% fair, 46% good, 5% excellent. Livestock Prices for feeder steers less than 800 pounds averaged \$101 per cwt. Prices for heifers less than 800 pounds averaged \$93 per cwt. Livestock conditions continued to rate in the mostly good to fair range. Average livestock marketings were reported last week.

**OREGON:** 18% very poor, 20% poor, 39% fair, 22% good, 1% excellent. This week's lows were higher & highs were lower than last week's, as stations reported a more moderate range of temperatures. Highs ranged from 97 degrees in Ontario, down to 67 degrees in Bandon. Low temperatures ranged from 32 degrees in Christmas Valley, up to 56 degrees in Portland. Twenty-six of the forty-three stations reported a measurable amount of rain, concentrated especially along the Coast & in northwestern Oregon. Five stations accumulated over an inch of rainfall, while four stations that reported rainfall accumulated less than a tenth of an inch. Field Crops – Fall field preparation was prevalent as most crops have been harvested. Some wheat ground was too dry for planting. There was corn silage & red clover still to be harvested. Haying was active. Sugarbeet for seed harvest was complete, & the new crop was being seeded. Rain briefly delayed carrot seed harvest, but things dried & the harvest progressed. Sales of grass seed & prices were both low as growers considered alternatives. Vegetables – Lots of fresh vegetables were at farmers markets & roadside stands. Sweet corn harvest was about 50 percent complete in Washington County, while potatoes were being rolled in preparation for harvest in Klamath County. Additionally, squash, pumpkins & early onions were being harvested in other parts of the State. Fruits & Nuts – Fair weather aided progress in the Bartlett pear harvest, which was nearing completion in southwest Oregon. Preparations began for the winter pear harvest. Apples & grapes will soon be ready as well. Some peaches & plums were picked. In Washington County, filberts fell & walnuts were sizing, the blueberry & blackberry harvests were finishing. Nurseries & Greenhouses – Greenhouses continued getting fall vegetables &

ornamentals started. Nurseries remained busy with irrigation & plant care. Livestock, Range & Pasture – Weekend rains helped pastures in western counties. More rain was still needed across the State. Ranchers were busy irrigating, supplementing feed, & working calves for sale. Douglas County reported that pasture reseeding will begin in two weeks. Morrow reported rangeland to be particularly short & dry, with some areas at their driest in 30 years. Livestock were generally doing well, with reported improvement in areas that received rain this weekend.

**PENNSYLVANIA:** Days suitable for fieldwork 7. Soil moisture 3% very short, 14% short, 81% adequate, 2% surplus. Fall 12% plowing, 18% 2008, 23% avg. Corn 77% dough, 89% 2008, 91% avg.; 45% dent, 60% 2008, 67% avg.; 6% mature, 24% 2008, 26% avg.; 19% Silage, 40% 2008, 36% avg.; condition 1% very poor, 5% poor, 14% fair, 49% good, 31% excellent. Tobacco 65% harvest, 74% 2008, 68% avg. Potatoes 48% harvest, 35% 2008, 31% avg. Alfalfa third cutting 91% complete, 99% 2008, 92% avg.; fourth cutting 31% complete, 51% 2008, 34% avg. Timothy clover second cutting 94% complete, 95% 2008, 87% avg. Peaches 92% harvested, 92% 2008, 92% avg. Apples 33% harvested, 32% 2008, 36% avg. Soybean condition 3% poor, 13% fair, 52% good, 32% excellent. Quality of hay made 1% very poor, 2% poor, 16% fair, 45% good, and 36% excellent. Pasture conditions 3% very poor, 8% poor, 20% fair, 56% good, 13% excellent. Apple crop conditions 62% good, 38% excellent. Excellent week for field work. Last week's weather was definitely appropriate for field work. Primary field activities were harvesting potatoes, tobacco, fruits, vegetables, and making hay.

**SOUTH CAROLINA:** Days suitable for fieldwork 6.7. Soil moisture 24% very short, 41% short, 34% adequate, 1% surplus. Corn 3% very poor, 10% poor, 24% fair, 52% good, 11% excellent. Soybeans 0% very poor, 1% poor, 32% fair, 60% good, 7% excellent. Tobacco 0% very poor, 2% poor, 12% fair, 77% good, 9% excellent. Livestock condition 0% very poor, 1% poor, 26% fair, 73% good, 0% excellent. Corn harvested 65%, 58% 2008, 59% avg. Soybeans bloomed 98%, 98% 2008, 98% avg. Soybeans pods set 90%, 86% 2008, 84% avg. Soybeans leaves turning color 5%, 7% 2008, 10% avg. Soybeans leaves dropped 1%, 2% 2008, 2% avg. Tobacco 92% harvested, 87% 2008, 91% avg. Tobacco stalks destroyed 61%, 47% 2008, 46% avg. Peaches 99% harvested, 93% 2008, 92% avg. Winter grazings 5% planted, 5% 2008, 6% avg. Incipient drought was declared in 22 upstate counties by South Carolina Department of Natural Resources on September 2. Incipient is the first level of drought declaration. Dry weather allowed corn producers to harvest at a rapid pace. By week's end, 65% of the crop had been harvested, well ahead of the 5 year average of 59%. Corn conditions continued improving, with 63% of the crop being in good or excellent condition. While dry weather helped the corn crop, the cotton crop showed signs of stress. Some plants dropped squares and bolls while others set smaller bolls as a result of dry conditions. Despite the deficiency of soil moisture, the majority of the crop was in good condition. Soybeans were still in need of moisture to fill out pods. Ninety percent of the crop had set pods, and 5% of the crop leaves had turned color. Soybean conditions improved last week with 67% of the crop reportedly in good or excellent condition. Peanut conditions improved with 74% of the crop in good condition. Producers were preparing to start peanut harvest in the coming weeks. Tobacco harvest neared completion, with 92% of the crop harvested. Sixty-one percent of tobacco stalks had been destroyed, well ahead of the 46% 5 year. Livestock conditions basically were unchanged as producers continued the routine care of animals. Pasture conditions declined as a result of little precipitation. Peach harvest was almost complete at 99% picked.

**SOUTH DAKOTA:** Days suitable for fieldwork 6.4. Topsoil moisture 3% very short, 30% short, 65% adequate, 2% surplus. Subsoil moisture 2% very short, 29% short, 68% adequate, 1% surplus. Barley

98% harvested, 99% 2008, 100% avg. Corn silage harvested 7%, 12% 2008, 30% avg. Sorghum silage harvested 17%, 13% 2008, 34% avg. Soybeans 1% mature, 0% 2008, 2% avg. Sunflower blooming 99%, 100% 2008, 100% avg. Sunflower ray flowers dry 46%, 61% 2008, 65% avg. Sunflower bracts yellow 12%, 31% 2008, 38% avg. Sunflower mature 0%, 0% 2008, 1% avg. Sunflower 1% very poor, 5% poor, 15% fair, 65% good, 14% excellent. Alfalfa hay 2nd cutting harvested 98%, 99% 2008, 100% avg. Alfalfa hay 3rd cutting harvested 56%, 64% 2008, 68% avg. Alfalfa hay 1% very poor, 4% poor, 25% fair, 55% good, 15% excellent. Feed supplies 3% short, 87% adequate, 10% surplus. Stock water supplies 1% very short, 9% short, 83% adequate, 7% surplus. Cattle condition 1% poor, 11% fair, 73% good, 15% excellent. Sheep condition 1% poor, 13% fair, 68% good, 18% excellent. The harvest of small grains is coming to an end. Major farm activities include moving bales and caring for livestock.

**TENNESSEE:** Days suitable for fieldwork 6. Topsoil moisture 5% very short, 27% short, 66% adequate, and 2% surplus. Subsoil moisture 2% very short, 26% short, 70% adequate, and 2% surplus. All Tobacco 97% topped, 91% 2008, 93% average; Burley 53% harvested, 41% 2008, 53% average; Dark Air-Cured 61% harvested, 66% 2008, 67% average; Dark Fire-Cured 60% harvested, 57% 2008, 60% average. All Tobacco 3% poor, 14% fair, 70% good, 13% excellent. Pastures 5% poor, 23% fair, 58% good, 14% excellent. Hay, corn silage, tobacco harvest highlighted the first very dry week in a long time. Farmers were also active last week preparing equipment for grain harvest. Corn for grain harvest has begun for those growers with drying equipment and is expected to start in earnest in seven to ten days. Soybean producers are awaiting one more good shower to help mature the late-planted beans. Cotton growers still report that more heat units would be desirable but are very optimistic of a good crop. All crops were rated in mostly good-to-excellent condition at week's end. Cattle remain in good condition and are being nagged by flies and some pink eye. Pastures are showing some signs of the dry weather. Temperatures across the state last week averaged about 2 to 5 degrees below normal. Rainfall averaged below normal across all of the state.

**TEXAS:** Top soil moisture was mostly very short to short 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 very poor to fair statewide. Most areas of the state observed 0.10 to 3 inches of moisture. In the Northern High Plains, producers were planting wheat and corn progressed well. Land preparation was underway for wheat planting, early planted sorghum was drying out, and peanuts and sunflowers continued to mature in the Southern High Plains. Wheat planting began and drought conditions caused stress on cotton in the Northern Low Plains. Wheat planting continued in the Cross Timbers. Cotton harvest on matured varieties had begun and corn harvest neared completion in the Blacklands. Cotton harvest continued in the southern areas of the state. Corn harvest continued in the Edwards Plateau. Pecan nuts were in the gel stage in the Trans-Pecos. Supplemental feeding of hay to livestock continued in localized areas of the state and producers were looking for hay to buy before winter. Range and pastures were in need of rainfall in the Northern part of the state while improving in South East Texas due to cooler temperatures and recent rainfall.

**UTAH:** Days Suitable For Field Work 7. Subsoil Moisture 8% very short, 38% short, 54% adequate, 0% surplus. Irrigation Water Supplies 13% very short, 24% short, 63% adequate, 0% surplus. Winter Wheat harvested 97%, 97% 2008, 97% avg. Spring Wheat harvested 85%, 96% 2008, 93% avg. Spring Wheat, Very Poor 0% very poor, 2% poor, 24% fair, 60% good, 14% excellent. Barley harvested (grain) 93%, 87% 2008, 92% avg. Barley Condition 0% very poor, 0% poor, 9% fair, 70% good, 21% excellent. Oats harvested (grain) 79%, 69% 2008, 82% avg. Oats harvested for Hay or Silage 100%, 98% 2008, 99% avg. Corn silked (tasseled) 100%, 100% 2008, 100% avg. Corn dough 68%, 71% 2008, 82% avg. Corn dent 14%, 23% 2008, 36% avg. Corn mature 9%. Corn condition 0% very poor, 0% poor, 26% fair, 61% good, 13% excellent. Alfalfa height 33%, 36% 2008, 36% avg. Alfalfa Hay 3rd

Cutting 64%, 54% 2008, 72% avg. Other Hay Cut 100%, 100% 2008, 100% avg. Alfalfa Seed Harvested 17%, 17% 2008, 20% avg. Onions harvested 15%, 40% 2008, 37% avg. Cattle and calves moved From Summer Range 13%, 13% 2008, 26% avg. Cattle and calves condition 0% very poor, 0% poor, 12% fair, 80% good, 8% excellent. Sheep and lambs moved From Summer Range 23%, 25% 2008, 18% avg. Sheep Condition 0% very poor, 0% poor, 8% fair, 81% good, 11% excellent. Stock Water Supplies 12% very short, 23% short, 65% adequate, 0% surplus. Apples harvested 12%, 11% 2008, 23% avg. Apricots harvested 100%, 100% 2008, 100% avg. Peaches harvested 55%, 65% 2008, 64% avg. Pears harvested 48%, 47% 2008, 54% avg. The week was mostly hot and dry throughout the state and harvesting is underway for several crops. No rain fell in Box Elder County this week and it was a good week of moderate to warm temperatures. Farmers were able to work in the fields all week. Progress continued on land preparation for seeding of fall grain. Some producers are burning stubble and irrigating fields in preparation for planting fall grain. Dry land producers have seeded winter wheat or will seed winter wheat in the next week or so. Most report that they have moisture although some state that it is a little deeper than they would like. Hay producers are continuing to harvest and bale hay. Some are just finishing 3rd crop while others are just finishing 4th crop. Alfalfa seed producers are beginning the harvest process and should be combining seed this week. Onion producers will begin harvest this week on some of the transplanted onions and they should begin lifting the direct seeded onions in about two weeks. Some corn producers need a little more good hot weather to help with corn maturity due to the cool down in mid August. Corn Silage producers have begun to chop edges of fields to open them up and should be in full harvest mode by the end of the week. Cache County farmers enjoyed another good week for harvest. Wheat, barley, and alfalfa harvest continues to make good progress. Corn silage looks to be two or three weeks later than most years. There is concern that much of the silage corn will not be mature before killing frosts come. Some irrigation systems have run out of water also, making it very difficult to finish the corn silage properly. Corn is growing well in Weber County and harvest of corn silage will begin in about a week. Carbon County reports that irrigated crops have done well. Duchesne County reports that the temperatures last week of between 80 and 90 degrees have been great for the growing corn. The threat of moisture this weekend delayed producers from starting to harvest 3rd crop hay. No significant moisture was received, but due to the loss of first crop, producers are very wary of getting the hay rained on. There continues to be a large surplus of hay in the county as producers are having a hard time moving it. The irrigation supplies in most areas have gone longer than normal. Some are turning off this week or next and others have plenty of water left. In Emery County the weather has continued to be very nice this past week for irrigated crops to grow. Third crop hay is growing very nicely and producers should be getting a good crop if fall frosts don't come too soon. Other irrigated crops have done very well this year. Irrigation water supplies are beginning to get a little short but most of the growing season is through. Summit County farmers are finishing up with harvesting second crop alfalfa hay. Grasshoppers are starting to be a problem on range and farm land. Box Elder County reports that Cattle and calves continue to do well. Cattle will begin moving home from summer ranges at the end of September through the end of October. Sheep producers will begin to gather and sort lambs this week or next. Lambs look good. It has been a very good feed year on summer ranges. In Cache County beef cattle and sheep continue to do well. Dairy farmers are very discouraged with market conditions, but continue to move forward as steadily as they can. In Carbon County, lack of rainfall on the desert is creating concern for winter range conditions for livestock for the coming season. Duchesne County reports that High temperatures continue to dry the soil out and decrease the quality of grazing in some areas. The livestock on mountain pastures continue to do well. Producers will begin to bring the animal's home within the next two weeks on some permits and others still have a month or so left. Cattle and sheep in Emery County continue to do well on mountain ranges but will be coming home soon. Mountains are very dry as moisture has been very short this summer. Winter grazing is going to be in tough shape and there will be very little water available in ponds. Producers will have to haul water in order to keep livestock on winter permits. Summit County reports that range grass is drying out due to a lack of rain. Sheep producers will start shipping lambs during the last part of September. Cattle producers will

start shipping calves in October. Overall the ranges in Beaver County still look good but they are dry. Some ranchers are starting to bring their cattle home early due to the dry conditions. Hot, dry winds continue to dry out ranges in Garfield and Kane Counties. A few spotty thundershowers provided some relief for some ranges. Wayne County also reports that ranges are drying up very fast and winter ranges are starting show signs of extreme drought. Some cattle are coming home on their own because the feed is gone.

**VIRGINIA:** Days suitable for fieldwork 6.4. Topsoil moisture 5% very short, 34% short, 57% adequate, 4% surplus. Subsoil moisture 4% very short, 24% short, 70% adequate, 2% surplus. Pasture 1% very poor, 11% poor, 31% fair, 51% good, 6% excellent. Livestock 1% very poor, 2% poor, 19% fair, 57% good, 21% excellent. Hay Other 1% very poor, 11% poor, 24% fair, 56% good, 8% excellent. Hay Alfalfa 1% very poor, 4% poor, 23% fair, 52% good, 20% excellent. Corn dough 94%; 94% 2008; 97% 5-yr avg.; dent 77%; 85% 2008; 85% 5-yr avg.; mature 54%; 60% 2008; 60% 5-yr avg.; for grain harvested 6%; 9% 2008; 10% 5-yr avg.; silage harvested 56%; 54% 2008; 62% 5-yr avg.; condition 3% very poor, 9% poor, 25% fair, 50% good, 13% excellent. Soybeans blooming 100%; 96% 2008; 99% 5-yr avg.; setting pods 87%; 84% 2008; 90% 5-yr avg.; dropping leaves 7%; 6% 2008; 8% 5-yr avg.; condition 0% very poor, 6% poor, 21% fair, 55% good, 18% excellent. Flue-cured tobacco harvested 58%; 32% 2008; 47% 5-yr avg. Burley tobacco harvested 30%; 25% 2008; 31% 5-yr avg.; condition 4% poor, 9% fair, 72% good, 15% excellent. Dark fire-cured tobacco harvested 73%; 61% 2008; 45% 5-yr avg. Peanut condition 14% fair, 77% good, 9% excellent. Cotton bolls opening 33%; 29% 2008; 59% 5-yr avg.; condition 2% poor, 22% fair, 68% good, 8% excellent. Summer Apples harvested 93%; 89% 2008; 98% 5-yr avg. Fall Apples harvested 17%; 16% 2008; 33% 5-yr avg. All Apple condition 20% fair, 76% good, 4% excellent. Peaches harvested 92%; 91% 2008; 98% 5-yr avg. Grapes 1% poor, 9% fair, 82% good, 8% excellent. Although the week could be characterized by overall moderate temperatures and dry conditions, a few areas continued to receive scattered showers. The cooler weather was welcomed by field workers, who tended fields to make headway on tobacco and corn harvest. Initial corn yield reports appear varied, largely dependent upon location, soil type and the timing of rainfall throughout the season. In some areas, high humidity and rainfall have delayed corn dry-down. Scouting continues in soybean fields, and in general, corn earworm counts have remained low and fields have required minimal treatment. Tobacco harvest is well underway and many producers are busy pulling, curing and baling their crop. Anticipation for a good, quality crop remains high.

**WASHINGTON:** Days suitable for fieldwork 5.9. Topsoil Moisture Conditions 15% very short, 50% short and 35% adequate. Grain harvest continued to wind down. Whitman, Walla Walla and several other counties reported emphasis had moved from combining to planting the new winter wheat crop. There were no reports of farmers 'dusting in' new grain while Walla Walla County and others report good soil moisture conditions in summer fallow. Several counties reported the new winter wheat crop had already emerged but some would need to be reseeded due to crusting. Some garbanzo and lentils remained to be cut in Whitman County. Stevens County finished the second cutting of hay. In the Yakima Valley, Hop harvest was in full swing. Harvest of late variety peaches and nectarines continued. Gala apple harvest continued in the lower Yakima Valley and began in the later maturing areas. Honeycrisp apple harvest had begun. Mowing and harvest bins deployment was ongoing throughout Red and Yellow Delicious apple orchards in anticipation of harvest. Apple packers reported Gala apple size and quality was far superior to last year's harvest. In Ferry and Chelan Counties, pear and early season apple harvest picked up. Range and pasture conditions 8% very poor, 37% poor, 34% fair, 18% good and 3% excellent. On the east side of the state, Asotin reported additional rain was needed for grazing land. Stevens County reported cows and calves were in good condition, benefiting from the rain showers in July and August. In Pacific County, cranberry growers continued irrigation of their bogs and made initial preparations for harvest. Yields looked good for the year. Shellfish growers finished

oyster and clam seeding activities, and continued harvest operations. Pasture conditions improved with the showers.

**WEST VIRGINIA:** Days suitable for field work 6. Topsoil moisture 4% very short, 34% short, 59% adequate and 3% surplus compared with 22% very short, 33% short and 45% adequate last year. Corn conditions 2% poor, 23% fair, 66% good, 9% excellent; 73% doughing, 77% 2008, 83% 5-yr avg.; 29% dented, 40% 2008, 53% 5-yr avg.; 1% mature, 1% 2008, 5% 5-yr avg. Soybean conditions 16% fair, 84% good, 93% setting pods, 93% 2008, 5-yr avg not available. Soybeans dropping leaves 4%, 22% 2008, 23% 5-yr avg. Hay was reported 2% poor, 25% fair, 63% good, 10% excellent; second cutting was reported 78% complete, 82% 2008, 79% 5-yr avg.; third cutting was reported 10% complete, 16% 2008, 12% 5-yr avg. Apple conditions 53% fair, 40% good, 7% excellent; 10% harvested, 22% 2008, 16% 5-yr avg. Peaches 84% fair, 12% good, 4% excellent; 99% harvested, 72% 2008, 5-yr avg not available. Cattle and calves were 1% poor, 16% fair, 79% good and 4% excellent. Sheep and lambs were 1% poor, 14% fair, 82% good and 3% excellent. Farming activities included harvesting vegetables, making hay and harvesting peaches and apples. Many areas across the state are in need of rain. Field and livestock water levels are being monitored closely.

**WISCONSIN:** Days suitable for fieldwork 6.4. Topsoil moisture 3% very short, 19% short, 73% adequate, and 5% surplus. Temperatures were 5 to 9 degrees below normal. Average high temperatures ranged from 68 to 74 degrees across the state. Lows averaged from 43 to 49 degrees for the week. Precipitation ranged from 0.04 inches in Eau Claire to 0.00 inches across the rest of the reporting stations. Corn in dough stage was 71 percent complete, 19% dented, 0% mature, Corn harvested for silage 1% percent complete. Soybeans leaves 9% turned, 0%dropping leaves. Third cutting hay was 87% complete and fourth cutting hay was 19% complete. Dry, sunny conditions allowed farmers to catch up on hay and straw baling last week. The sunshine helped crops progress some, but their progress was limited by another week of below normal temperatures.

**WYOMING:** 6.8. Topsoil moisture 1% very short, 29% short, 67% adequate, 3% surplus. Barley 90% mature, 85% previous week, 99% 2008, 99% avg.; 66% harvested, 58% previous week, 83% 2008, 90% avg. Oats 87% mature, 82% previous week, 97% 2008, 96% avg.; 82% harvested, 53% previous week, 84% 2008, 85% avg. Spring Wheat 84% mature, 81% previous week, 100% 2008, 98% avg.; 78% harvested, 52% previous week, 81% previous year, 91% avg. Winter Wheat 28% planted, N/A previous week, 31% 2008, 37% avg.; 5% emerged, N/A previous week, 0% 2008, 7% avg. Dry Beans 95% bloom, 92% previous week, 100% 2008, 100% avg.; 86% setting pods, 80% previous week, 97% 2008, 99% avg.; 66% leaves turning color, 53% previous week, 63% 2008, 73% avg.; 18% windowed, 3% previous week, 11% 2008, 26% avg.; 1% combined, N/A previous week, 3% 2008, 8% avg. Corn 91% milk, 68% previous week, 70% 2008, 87% avg.; 41% dough, 21% previous week, 42% 2008, 65% avg.; 4% dented, N/A previous week, 15% 2008, 26% avg. Corn harvested for silage 7% harvested, 0% previous week, 11% 2008, 16% avg. Alfalfa harvested 86% second cutting, 75% previous week, 89% 2008, 90% avg.; 9% third cutting, 5% previous week, 15% 2008, 17% avg. Other hay harvested 94% total cut, 90% previous week, 92% 2008, 96% avg. Sugarbeets condition 8% fair, 87% good, 5% excellent. Dry beans condition 5% poor, 16% fair, 78% good, 1% excellent. Corn condition 2% poor, 18% fair, 80% good. Livestock condition 1% poor, 7% fair, 87% good, 5% excellent. Range and pasture conditions 1% very poor, 8% poor, 35% fair, 50% good, 6 % excellent. Irrigation water supplies 9% very short, 1% short, 88% adequate, 2% surplus. Reports of grass hopper infestation throughout counties continued. Livestock condition was very good. Warm temperatures and little precipitation reported. Activities hay harvest, moving hay to stock yards, branding and moving livestock.

**International Weather and Crop Summary**

**August 30 - September 5, 2009**

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

**FSU-WESTERN:** Warm, dry weather aided fieldwork across northern Russia, while showers in eastern Ukraine favored immature summer crops and boosted topsoil moisture for upcoming winter grain planting.

**FSU-NEW LANDS:** Unseasonably cool, showery weather in Kazakhstan and the Siberia District of Russia hampered spring grain harvesting.

**EUROPE:** Widespread showers boosted soil moisture for filling summer crops in central and northern Europe, while dry conditions further accelerated corn toward maturity in southern growing areas.

**AUSTRALIA:** Much-needed rain helped stabilize conditions for winter wheat in eastern Australia, while elsewhere in the wheat belt showers maintained moisture supplies for winter grains.

**EAST ASIA:** Showers benefited summer crops in Manchuria, but dryness was still a concern.

**SOUTHEAST ASIA:** Heavy showers continued to benefit most crops in the region, with minor flooding occurring in some areas.

**SOUTH ASIA:** Additional late-season rain increased soil moisture for rice and wheat in northern India and stabilized oilseed prospects in western India.

**ARGENTINA:** Rain benefited northeastern farming areas, but warmth and dryness persisted in many key winter grain areas.

**BRAZIL:** Wet weather returned to the southern wheat belt, maintaining adequate to locally excessive moisture for filling to maturing crops.

**CANADIAN PRAIRIES:** Unseasonable warmth aided late-season development of spring grains and oilseeds.

**SOUTHEASTERN CANADA:** Cooler-than-normal weather maintained slower-than-expected rates of crop development.

**MEXICO:** Much-needed rain covered drought-stricken sections of central and northeastern Mexico.

**August 2009  
MONTHLY DATA FROM SELECTED FOREIGN CITIES  
CLIMATE PREDICTION CENTER-NCEP-NWS-NOAA**

\*\*\* DATA NOT AVAILABLE

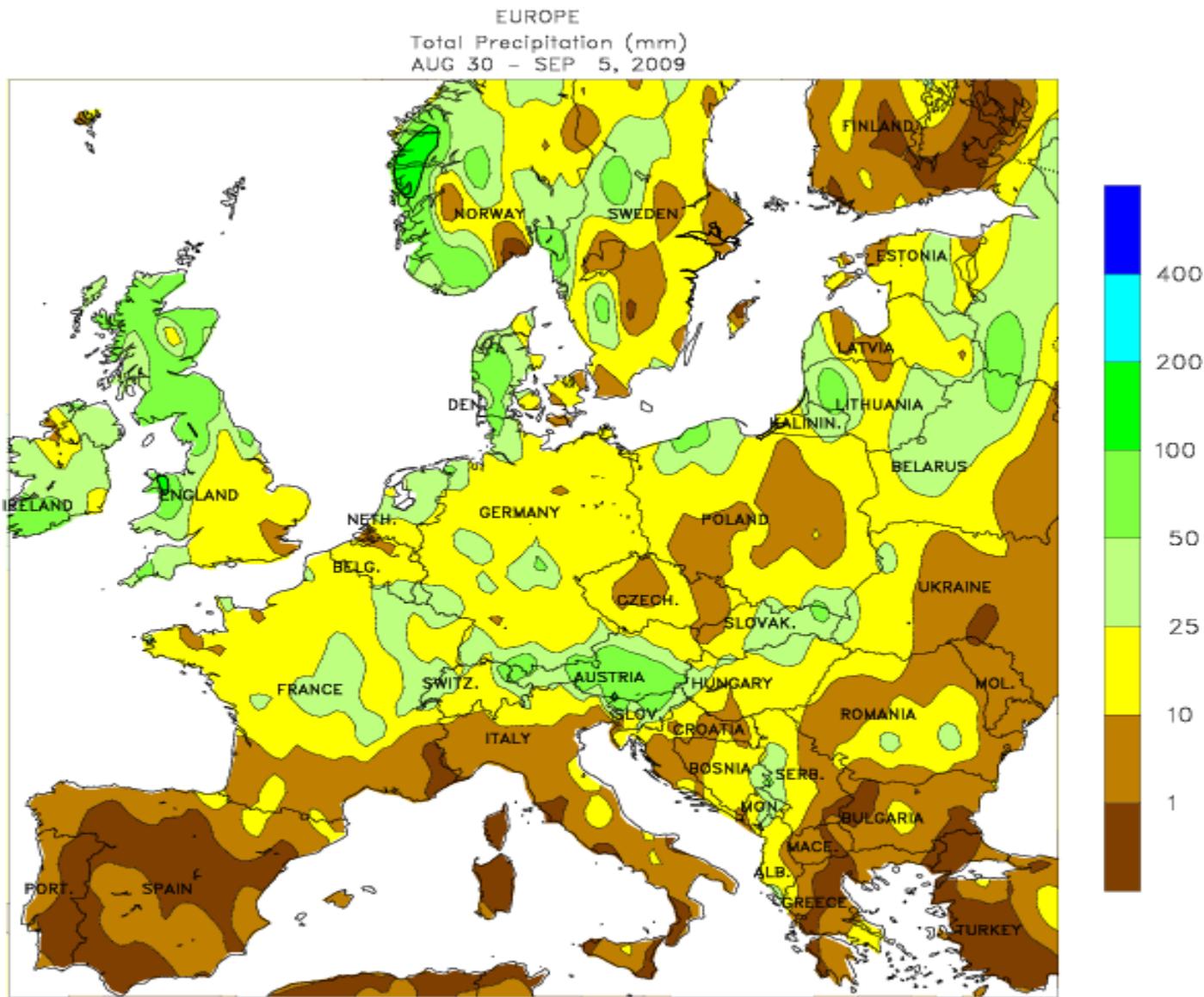
| COUNTRY CITY         | TEMPERATURE (C) |         |        |        |     | PRECIPITATION (MM) |       |       |
|----------------------|-----------------|---------|--------|--------|-----|--------------------|-------|-------|
|                      | AVG MAX         | AVG MIN | HI MAX | LO MIN | AVG | F/NRM              | TOTAL | D/NRM |
| NORWAY OSLO          | 19              | 11      | 25     | 6      | 15  | 0.6                | 132   | 50    |
| FINLAN HELSINKI      | 20              | 12      | 26     | 8      | 16  | 0.8                | 34    | -48   |
| UKINGD ABERDEEN      | 19              | 12      | 21     | 8      | 15  | 1                  | 53    | -8    |
| LONDON               | 24              | 14      | 29     | 9      | 19  | 0.7                | 40    | -3    |
| IRELAN DUBLIN        | 19              | 12      | 22     | 8      | 16  | 0.5                | 70    | 2     |
| ICELAN REYKJAVIK     | ***             | ***     | 19     | 7      | *** | ***                | ***   | ***   |
| DENMAR COPENHAGEN    | 23              | 15      | 26     | 9      | 19  | 1.9                | 43    | -11   |
| LUXEMB LUXEMBOURG    | 25              | 15      | 34     | 8      | 20  | 2.4                | 52    | -13   |
| SWITZE ZURICH        | 25              | 16      | 32     | 9      | 21  | 2.7                | 69    | -51   |
| GENEVA               | 28              | 15      | 36     | 10     | 22  | 2.5                | 67    | 0     |
| FRANCE PARIS/ORLY    | 28              | 15      | 36     | 8      | 21  | 1.6                | 33    | -11   |
| STRASBOURG           | 27              | 15      | 35     | 6      | 21  | 2.1                | 33    | -25   |
| BOURGES              | 28              | 15      | 37     | 8      | 21  | 2.1                | 15    | -36   |
| BORDEAUX             | 29              | 16      | 36     | 10     | 22  | 1.8                | 23    | -36   |
| TOULOUSE             | 30              | 18      | 39     | 10     | 24  | 2.6                | 22    | -28   |
| MARSEILLE            | 32              | 20      | 36     | 14     | 26  | 2.2                | 69    | 39    |
| SPAIN VALLADOLID     | 32              | 16      | 37     | 12     | 24  | 2                  | 17    | 1     |
| MADRID               | 35              | 19      | 38     | 14     | 27  | 2.5                | 7     | -6    |
| SEVILLE              | 37              | 23      | 42     | 18     | 30  | 2.5                | 0     | ***   |
| PORTUG LISBON        | 30              | 19      | 37     | 16     | 25  | 2.3                | 0     | -5    |
| GERMAN HAMBURG       | 24              | 14      | 34     | 9      | 19  | 1.6                | 50    | -23   |
| BERLIN               | 27              | 15      | 33     | 10     | 21  | 2.1                | 28    | -28   |
| DUSSELDORF           | 25              | 14      | 35     | 9      | 19  | 0.4                | 45    | -12   |
| LEIPZIG              | 26              | 14      | 33     | 8      | 20  | 2.4                | 48    | -11   |
| DRESDEN              | 25              | 15      | 31     | 9      | 20  | 1.4                | 51    | -21   |
| STUTTGART            | 26              | 14      | 34     | 6      | 20  | 1.5                | 73    | 11    |
| NURNBERG             | 26              | 13      | 33     | 6      | 20  | 1.4                | 16    | -43   |
| AUGSBURG             | 25              | 12      | 33     | 5      | 19  | 0.9                | 41    | -43   |
| AUSTRI VIENNA        | 27              | 16      | 34     | 8      | 21  | 1.1                | 59    | -1    |
| INNSBRUCK            | 26              | 14      | 33     | 8      | 20  | 2.5                | 164   | 47    |
| CZECHR PRAGUE        | 26              | 13      | 31     | 8      | 19  | 1.9                | 25    | -35   |
| POLAND WARSAW        | 24              | 13      | 30     | 9      | 19  | 0.8                | 58    | 2     |
| LODZ                 | 24              | 13      | 30     | 8      | 19  | 0.5                | 55    | 0     |
| KATOWICE             | 24              | 13      | 31     | 7      | 19  | 1                  | 61    | -14   |
| HUNGAR BUDAPEST      | 29              | 17      | 35     | 11     | 23  | 2.1                | 31    | -15   |
| YUGOSL BELGRADE      | 30              | 19      | 36     | 16     | 25  | 2.6                | 45    | -17   |
| ROMANI BUCHAREST     | 30              | 15      | 36     | 11     | 23  | 0.7                | 52    | -3    |
| BULGAR SOFIA         | 27              | 15      | 33     | 12     | 21  | 2.3                | 123   | 79    |
| ITALY MILAN          | 32              | 20      | 36     | 14     | 26  | 3                  | 61    | -29   |
| VERONA               | 33              | 21      | 37     | 15     | 27  | 3.4                | 9     | -79   |
| VENICE               | 30              | 20      | 33     | 15     | 25  | 2.4                | 39    | -28   |
| GENOA                | 29              | 23      | 34     | 20     | 26  | 0.9                | 8     | -56   |
| ROME                 | 32              | 20      | 35     | 18     | 26  | 1.7                | 0     | -29   |
| NAPLES               | 32              | 22      | 36     | 21     | 27  | 2.8                | 1     | -38   |
| GREECE THESSALONIKA  | 30              | 22      | 35     | 19     | 26  | 0.3                | 46    | 22    |
| LARISSA              | 32              | 19      | 37     | 16     | 26  | 0.3                | 2     | -18   |
| ATHENS               | 33              | 24      | 36     | 17     | 28  | 0.4                | 18    | 14    |
| TURKEY ISTANBUL      | 30              | 21      | 33     | 18     | 25  | 1.2                | 16    | 2     |
| ANKARA               | 29              | 12      | 35     | 8      | 21  | 0                  | 0     | -12   |
| CYPRUS LARNACA       | 34              | 23      | 37     | 21     | 29  | 1.3                | 0     | ***   |
| ESTONI TALLINN       | 21              | 12      | 25     | 8      | 16  | 0.7                | 70    | -7    |
| RUSSIA ST.PETERSBURG | 20              | 14      | 25     | 9      | 17  | 0.5                | 139   | 65    |
| LITHUA KAUNAS        | 23              | 12      | 27     | 7      | 17  | 0.5                | 86    | 22    |
| BELARU MINSK         | 22              | 11      | 28     | 7      | 17  | -0.3               | 40    | -21   |
| RUSSIA KAZAN         | 22              | 14      | 30     | 9      | 18  | 0.7                | 60    | -3    |
| MOSCOW               | 20              | 12      | 27     | 7      | 16  | -0.5               | 87    | 8     |
| YEKATERINBURG        | 20              | 12      | 28     | 6      | 16  | 0.6                | 150   | 82    |
| OMSK                 | 22              | 11      | 27     | 7      | 16  | 0                  | 143   | 88    |
| KAZAKH KUSTANAY      | 25              | 13      | 32     | 6      | 19  | 0.3                | 45    | 9     |
| RUSSIA BARNAUL       | 23              | 12      | 28     | 6      | 17  | 0.4                | 52    | -1    |
| KHABAROVSK           | 24              | 16      | 32     | 7      | 20  | 0.5                | 238   | 90    |
| VLADIVOSTOK          | 24              | 18      | 28     | 12     | 21  | 0.9                | 159   | 7     |
| UKRAIN KIEV          | 25              | 14      | 32     | 11     | 19  | 0.4                | 16    | -42   |
| LVOV                 | 24              | 12      | 29     | 8      | 18  | 1                  | 91    | 20    |
| KIROVOGRAD           | 27              | 12      | 33     | 7      | 20  | -0.4               | 2     | -52   |
| ODESSA               | 27              | 17      | 31     | 10     | 22  | 0.4                | 4     | -29   |
| RUSSIA SARATOV       | 24              | 14      | 31     | 8      | 19  | 0                  | 40    | 4     |
| UKRAIN KHARKOV       | 25              | 13      | 30     | 9      | 19  | -0.4               | 9     | -66   |
| RUSSIA VOLGOGRAD     | 26              | 14      | 33     | 9      | 20  | -1.4               | 45    | 17    |
| ASTRAKHAN            | 28              | 17      | 34     | 12     | 22  | -1.3               | 50    | 28    |

Based on Preliminary Reports

August 2009

| COUNTRY CITY         | TEMPERATURE (C) |         |        |        |     | PRECIPITATION (MM) |       |             |                      | COUNTRY CITY | TEMPERATURE (C) |        |        |     |             | PRECIPITATION (MM) |             |  |  |
|----------------------|-----------------|---------|--------|--------|-----|--------------------|-------|-------------|----------------------|--------------|-----------------|--------|--------|-----|-------------|--------------------|-------------|--|--|
|                      | AVG MAX         | AVG MIN | HI MAX | LO MIN | AVG | DPART F/NRM        | TOTAL | DPART F/NRM | AVG MAX              |              | AVG MIN         | HI MAX | LO MIN | AVG | DPART F/NRM | TOTAL              | DPART F/NRM |  |  |
| ORENBURG             | 26              | 13      | 34     | 6      | 20  | -0.1               | 63    | 34          | S AFRI PRETORIA      | 23           | 8               | 30     | 3      | 15  | 0.1         | 10                 | 5           |  |  |
| KAZAKH TSELINOGRAD   | 24              | 13      | 31     | 9      | 19  | 0.2                | 22    | -11         | JOHANNESBURG         | 19           | 6               | 26     | -1     | 13  | 0.0         | 24                 | 18          |  |  |
| KARAGANDA            | 25              | 12      | 31     | 8      | 18  | 0.2                | 44    | 18          | BETHAL               | 20           | 3               | 27     | -3     | 12  | -0.2        | 37                 | 28          |  |  |
| UZBEKI TASHKENT      | 34              | 18      | 39     | 14     | 26  | 0.0                | 6     | 4           | DURBAN               | 23           | 13              | 28     | 9      | 18  | -0.1        | 56                 | -3          |  |  |
| TURKME ASHKHABAD     | 35              | 22      | 41     | 14     | 29  | -0.7               | 6     | 5           | CAPE TOWN            | 19           | 9               | 26     | 4      | 14  | 1.4         | 53                 | -19         |  |  |
| SYRIA DAMASCUS       | 37              | 19      | 40     | 12     | 28  | 1.5                | 0     | ***         | CANADA TORONTO       | 26           | 16              | 31     | 11     | 21  | 0.8         | 144                | 64          |  |  |
| PAKIST KARACHI       | 33              | 28      | 37     | 24     | 30  | 1.2                | 68    | 11          | MONTREAL             | 26           | 16              | 33     | 8      | 21  | 1.1         | 81                 | -13         |  |  |
| INDIA AMRITSAR       | 35              | 26      | 39     | 20     | 31  | 1.0                | 165   | -26         | WINNIPEG             | 23           | 12              | 33     | 4      | 17  | -1.1        | 57                 | -21         |  |  |
| NEW DELHI            | 35              | 27      | 38     | 22     | 31  | 1.4                | 218   | -23         | REGINA               | 24           | 9               | 33     | 4      | 16  | -1.8        | 0                  | -44         |  |  |
| AHMEDABAD            | 34              | 26      | 36     | 23     | 30  | 1.6                | 160   | -89         | SASKATOON            | 23           | 9               | 30     | 3      | 16  | -1.3        | 92                 | 53          |  |  |
| INDORE               | 30              | 22      | 32     | 21     | 26  | 0.5                | 168   | -143        | LETHBRIDGE           | 25           | 8               | 34     | 3      | 17  | -1.1        | 57                 | 10          |  |  |
| CALCUTTA             | 33              | 27      | 36     | 25     | 30  | 0.5                | 403   | 95          | CALGARY              | 22           | 10              | 32     | 6      | 16  | 0.3         | 60                 | 1           |  |  |
| VERAVAL              | 32              | 27      | 33     | 24     | 29  | 1.5                | 95    | -48         | EDMONTON             | 24           | 11              | 31     | 5      | 17  | 0.8         | 28                 | -34         |  |  |
| BOMBAY               | 31              | 26      | 33     | 23     | 29  | 1.1                | 299   | -193        | VANCOUVER            | 22           | 14              | 27     | 10     | 18  | 0.5         | 27                 | -13         |  |  |
| POONA                | 30              | 22      | 33     | 22     | 26  | 1.4                | 248   | 124         | MEXICO GUADALAJARA   | ***          | 18              | 30     | 15     | *** | ***         | 42                 | -169        |  |  |
| BEGAMPET             | 32              | 22      | 36     | 19     | 27  | 1.0                | 349   | 161         | TLAXCALA             | 24           | 13              | 27     | 8      | 18  | 0.7         | 24                 | -136        |  |  |
| VISHAKHAPATNAM       | 32              | 27      | 35     | 23     | 29  | 0.4                | 103   | -34         | ORIZABA              | 25           | 16              | 28     | 14     | 21  | 0.9         | 330                | -23         |  |  |
| MADRAS               | 36              | 26      | 38     | 24     | 31  | 0.8                | 170   | 23          | BERMUD ST GEORGES    | 30           | 26              | 32     | 24     | 28  | 0.4         | 86                 | -44         |  |  |
| MANGALORE            | 30              | 24      | 32     | 23     | 27  | 0.7                | 672   | 40          | BAHAMA NASSAU        | 33           | 26              | 36     | 24     | 30  | 1.8         | 104                | -144        |  |  |
| HONGKO HONG KONG INT | 34              | 28      | 37     | 25     | 31  | 1.8                | 254   | -127        | CUBA HAVANA          | 33           | 22              | 35     | 20     | 28  | 0.5         | 165                | 55          |  |  |
| N KORE PYONGYANG     | 30              | 21      | 35     | 14     | 26  | 0.9                | 105   | -91         | JAMAIC KINGSTON      | 33           | 26              | 35     | 24     | 30  | 0.9         | 123                | 45          |  |  |
| S KORE SEOUL         | 30              | 23      | 34     | 16     | 26  | 0.1                | 287   | -86         | P RICO SAN JUAN      | 32           | 26              | 35     | 24     | 29  | 1.1         | 219                | 87          |  |  |
| JAPAN SAPPORO        | 25              | 19      | 31     | 15     | 22  | 0.1                | 74    | -64         | GUADEL RAIZET        | 32           | 25              | 33     | 23     | 28  | 0.6         | 60                 | -109        |  |  |
| NAGOYA               | 32              | 24      | 35     | 21     | 28  | 0.5                | 131   | -10         | MARTIN LAMENTIN      | 32           | 26              | 33     | 23     | 29  | 1.7         | 97                 | -133        |  |  |
| TOKYO                | 30              | 24      | 33     | 18     | 27  | 0.0                | 244   | 89          | BARBAD BRIDGETOWN    | 31           | 26              | 31     | 24     | 28  | 0.8         | 141                | -5          |  |  |
| YOKOHAMA             | 30              | 24      | 33     | 18     | 27  | -0.4               | 228   | 66          | TRINID PORT OF SPAIN | 33           | 24              | 35     | 24     | 29  | 1.8         | 324                | 90          |  |  |
| KYOTO                | 32              | 24      | 36     | 18     | 28  | -0.7               | 110   | -22         | COLOMB BOGOTA        | 20           | 10              | 23     | 7      | 15  | 1.8         | 53                 | 13          |  |  |
| OSAKA                | 32              | 25      | 36     | 21     | 29  | -0.1               | 44    | -62         | VENEZU CARACAS       | 33           | 27              | 36     | 25     | 30  | 2.9         | 39                 | -24         |  |  |
| THAILA PHITSANULOK   | 34              | 26      | 36     | 25     | 30  | 1.3                | 276   | 22          | F GUIA CAYENNE       | 32           | 23              | 34     | 21     | 28  | 1.4         | 92                 | -73         |  |  |
| BANGKOK              | 34              | 26      | 37     | 23     | 30  | 0.9                | 354   | 138         | BRAZIL FORTALEZA     | 29           | 23              | 30     | 21     | 26  | -1.2        | 31                 | 21          |  |  |
| MALAYS KUALA LUMPUR  | 33              | 25      | 34     | 22     | 29  | 1.5                | 180   | 35          | RECIFE               | 28           | 23              | 29     | 21     | 26  | -0.6        | 312                | 157         |  |  |
| VIETNA HANOI         | 34              | 27      | 37     | 24     | 31  | 1.0                | 225   | -73         | CAMPO GRANDE         | 28           | 17              | 33     | 8      | 23  | -0.7        | 136                | 108         |  |  |
| CHINA HARBIN         | 27              | 17      | 33     | 11     | 22  | 0.9                | 67    | -42         | FRANCA               | 26           | 16              | 29     | 10     | 21  | 0.2         | 27                 | 9           |  |  |
| HAMI                 | 34              | 15      | 40     | 10     | 25  | 0.1                | 3     | -3          | RIO DE JANEIRO       | 26           | 18              | 33     | 14     | 22  | 0.3         | 23                 | -23         |  |  |
| LANCHOW              | ***             | ***     | 30     | 16     | *** | ***                | ***   | ***         | LONDRINA             | 26           | 13              | 31     | 8      | 19  | 0.6         | 91                 | 28          |  |  |
| BEIJING              | 30              | 22      | 36     | 15     | 26  | 1.2                | 62    | -98         | SANTA MARIA          | 23           | 12              | 33     | 4      | 17  | 1.2         | 167                | 53          |  |  |
| TIENTSIN             | 30              | 22      | 36     | 15     | 26  | 0.0                | 76    | -76         | TORRES               | 20           | 12              | 27     | 7      | 16  | -2.9        | 142                | 2           |  |  |
| LHASA                | 23              | 11      | 27     | 8      | 17  | 2.1                | 191   | 67          | PERU LIMA            | 19           | 16              | 21     | 15     | 18  | 0.7         | 1                  | -1          |  |  |
| KUNMING              | 26              | 18      | 29     | 16     | 22  | 2.1                | 183   | -20         | BOLIVI LA PAZ        | 15           | -5              | 18     | -8     | 5   | -1.1        | 3                  | -23         |  |  |
| CHENGCHOW            | 30              | 22      | 37     | 12     | 26  | 0.4                | 275   | 167         | CHILE SANTIAGO       | 14           | 6               | 27     | 0      | 10  | 0.9         | 47                 | -11         |  |  |
| YEHCHANG             | 32              | 24      | 37     | 18     | 28  | 0.4                | 239   | 60          | ARGENT IGUAZU        | 24           | 13              | 32     | 6      | 19  | 0.7         | 198                | 82          |  |  |
| HANKOW               | 33              | 26      | 38     | 16     | 30  | 0.9                | 39    | -69         | FORMOSA              | 24           | 13              | 36     | 4      | 19  | 0.8         | 34                 | -28         |  |  |
| CHUNGKING            | 33              | 25      | 40     | 22     | 29  | 0.9                | 384   | 257         | CERES                | 25           | 10              | 38     | -1     | 18  | 4.1         | 0                  | -18         |  |  |
| CHIHKIANG            | 34              | 24      | 37     | 16     | 29  | 1.4                | 77    | -29         | CORDOBA              | 24           | 8               | 37     | -1     | 16  | 3.7         | 0                  | -11         |  |  |
| WU HU                | 32              | 26      | 37     | 18     | 29  | 0.4                | 165   | 45          | RIO CUARTO           | 22           | 7               | 37     | -2     | 15  | 3.5         | 0                  | -18         |  |  |
| SHANGHAI             | 31              | 26      | 37     | 21     | 28  | 0.5                | 286   | 141         | ROSARIO              | ***          | ***             | 36     | 0      | *** | ***         | ***                | ***         |  |  |
| NANCHANG             | 34              | 27      | 38     | 20     | 30  | 1.2                | 93    | -31         | BUENOS AIRES         | 20           | 9               | 34     | -1     | 14  | 3.1         | 19                 | -34         |  |  |
| TAIPEI               | 33              | 28      | 35     | 26     | 31  | 1.1                | 324   | 13          | SANTA ROSA           | 21           | 6               | 33     | -3     | 14  | 4.0         | 0                  | -26         |  |  |
| CANTON               | 34              | 27      | 37     | 24     | 30  | 1.7                | 232   | 16          | TRES ARROYOS         | 18           | 7               | 28     | 0      | 12  | 3.4         | 5                  | -37         |  |  |
| NANNING              | 34              | 25      | 36     | 24     | 30  | 1.2                | 132   | -76         | MARSHA MAJURO        | 30           | 27              | 32     | 25     | 29  | 1.1         | 204                | -95         |  |  |
| CANARY LAS PALMAS    | 28              | 22      | 37     | 21     | 25  | 0.8                | 0     | ***         | NEW CA NOUMEA        | 23           | 17              | 27     | 15     | 20  | 0.4         | 33                 | -32         |  |  |
| MOROCC CASABLANCA    | 27              | 22      | 29     | 19     | 24  | 1.5                | 0     | -1          | FIJI NAUSORI         | 27           | 20              | 29     | 15     | 23  | 0.7         | 94                 | -48         |  |  |
| MARRAKECH            | 38              | 20      | 44     | 16     | 29  | 1.2                | 2     | 0           | SAMOA PAGO PAGO      | 29           | 25              | 30     | 22     | 27  | 0.0         | 264                | 101         |  |  |
| ALGERI ALGER         | 32              | 21      | 36     | 18     | 27  | 1.7                | 13    | 6           | TAHITI PAPEETE       | 29           | 23              | 30     | 22     | 26  | 1.8         | 59                 | 8           |  |  |
| BATNA                | 35              | 18      | 41     | 13     | 26  | 0.9                | 14    | -3          | PNEWGU PORT MORESBY  | 29           | 24              | 30     | 21     | 27  | 1.0         | 94                 | 69          |  |  |
| TUNISI TUNIS         | 36              | 24      | 41     | 20     | 30  | 2.3                | 12    | 5           | NZEALA AUCKLAND      | 16           | 10              | 18     | 3      | 13  | ***         | 49                 | ***         |  |  |
| NIGER NIAMEY         | 33              | 25      | 37     | 19     | 29  | 0.7                | 198   | 7           | WELLINGTON           | 15           | 8               | 18     | 3      | 11  | ***         | 111                | ***         |  |  |
| MALI TIMBUKTU        | 38              | 27      | 41     | 20     | 32  | 1.0                | 90    | 11          | AUSTRA DARWIN        | 31           | 22              | 33     | 16     | 26  | 0.2         | 0                  | -8          |  |  |
| BAMAOKO              | 31              | 23      | 35     | 21     | 27  | 1.0                | 270   | -32         | BRISBANE             | 23           | 13              | 33     | 8      | 18  | 2.4         | 5                  | -32         |  |  |
| MAURIT NOUAKCHOTT    | 32              | 27      | 36     | 21     | 30  | 1.7                | 14    | -34         | PERTH                | 19           | 8               | 22     | 1      | 14  | 0.5         | 125                | 8           |  |  |
| SENEGA DAKAR         | 31              | 26      | 33     | 23     | 28  | 1.0                | 247   | 31          | CEDUNA               | 21           | 9               | 30     | 3      | 15  | 2.2         | 31                 | -2          |  |  |
| LIBYA TRIPOLI        | 37              | 24      | 42     | 20     | 31  | 4.1                | 0     | ***         | ADELAIDE             | 18           | 10              | 26     | 3      | 14  | 2.0         | 47                 | -5          |  |  |
| BENGHAZI             | 31              | 22      | 34     | 20     | 27  | 0.0                | 0     | ***         | MELBOURNE            | 17           | 9               | 21     | 3      | 13  | 2.4         | 45                 | 1           |  |  |
| EGYPT CAIRO          | 35              | 24      | 37     | 22     | 29  | 1.2                | 0     | ***         | WAGGA                | 15           | 6               | 22     | -2     | 10  | 1.4         | 41                 | -11         |  |  |
| ASWAN                | 41              | 28      | 45     | 23     | 34  | 1.1                | 0     | 0           | CANBERRA             | 14           | 4               | 18     | -5     | 9   | 1.9         | 70                 | 21          |  |  |
| ETHIOP ADDIS ABABA   | 19              | 12      | 23     | 10     | 16  | -0.1               | 145   | -119        | INDONE SERANG        | 33           | 23              | 34     | 20     | 28  | 0.5         | 2                  | -70         |  |  |
| KENYA NAIROBI        | 24              | 13      | 29     | 8      | 18  | 0.8                | 1     | -16         | PHILIP MANILA        | 31           | 27              | 34     | 24     | 29  | 0.9         | 351                | -71         |  |  |
| TANZAN DAR ES SALAAM | 30              | 19      | 32     | 17     | 25  | 1.2                | 6     | -22         |                      |              |                 |        |        |     |             |                    |             |  |  |
| GABON LIBREVILLE     | 28              | 23      | 29     | 20     | 25  | 0.6                | 11    | 5           |                      |              |                 |        |        |     |             |                    |             |  |  |
| TOGO LOME            | 29              | 23      | 30     | 22     | 26  | 1.0                | 30    | 4           |                      |              |                 |        |        |     |             |                    |             |  |  |
| BURKIN OUAGADOUGOU   | 32              | 24      | 35     | 21     | 28  | 1.2                | 199   | -42         |                      |              |                 |        |        |     |             |                    |             |  |  |
| COTE D ABIDJAN       | 28              | 23      | 30     | 22     | 25  | 1.2                | 11    | -30         |                      |              |                 |        |        |     |             |                    |             |  |  |
| MOZAMB MAPUTO        | 26              | 15      | 34     | 12     | 20  | 0.1                | 101   | 87          |                      |              |                 |        |        |     |             |                    |             |  |  |
| ZAMBIA LUSAKA        | 26              | 10      | 29     | 7      | 18  | -1.8               | 0     | 0           |                      |              |                 |        |        |     |             |                    |             |  |  |
| ZIMBAB KADOMA        | ***             | ***     | 32     | 5      | *** | ***                | ***   | ***         |                      |              |                 |        |        |     |             |                    |             |  |  |

Based on Preliminary Reports



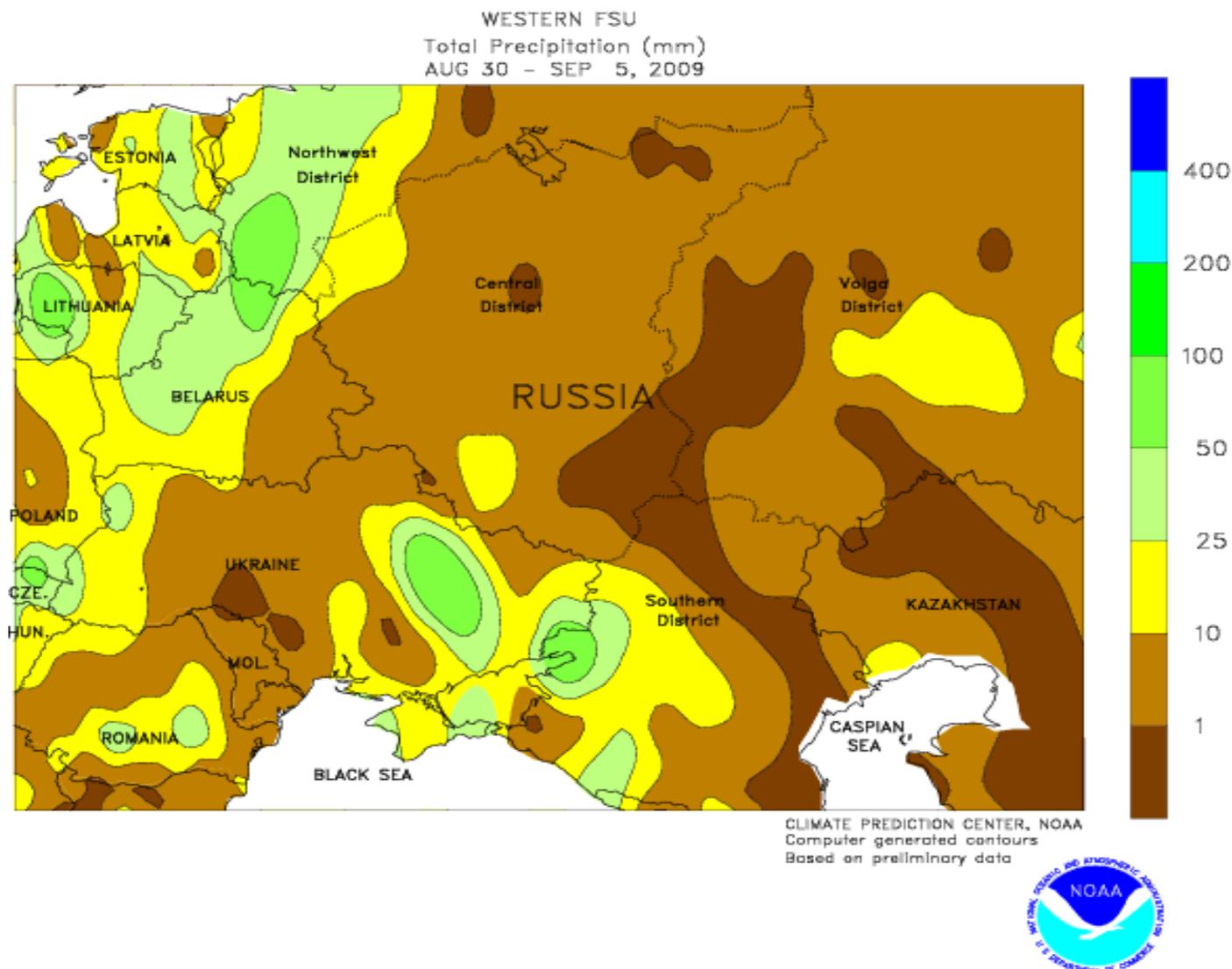
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**EUROPE**

Widespread showers prevailed over Europe, although dry conditions continued in most southern growing areas. A pair of cold fronts generated showers and thunderstorms (10-80 mm) from England and northern France into Poland and the northern Balkans, providing additional soil moisture for filling summer crops. Drier weather by week's end, however, allowed fieldwork to resume, including early winter rapeseed planting. In contrast, sunny, warm conditions (daytime highs

in the middle and upper 30s degrees C) in Spain, Italy, and the southern Balkans reduced soil moisture and irrigation reserves for upcoming winter grain planting, although, fieldwork and summer crop maturation proceeded at a rapid pace. Much of the Iberian Peninsula will enter the climatological rainy season (October) with substantial moisture shortages as a result of a drier-than-normal spring and summer, highlighting the need for near- to above-normal autumn rainfall.

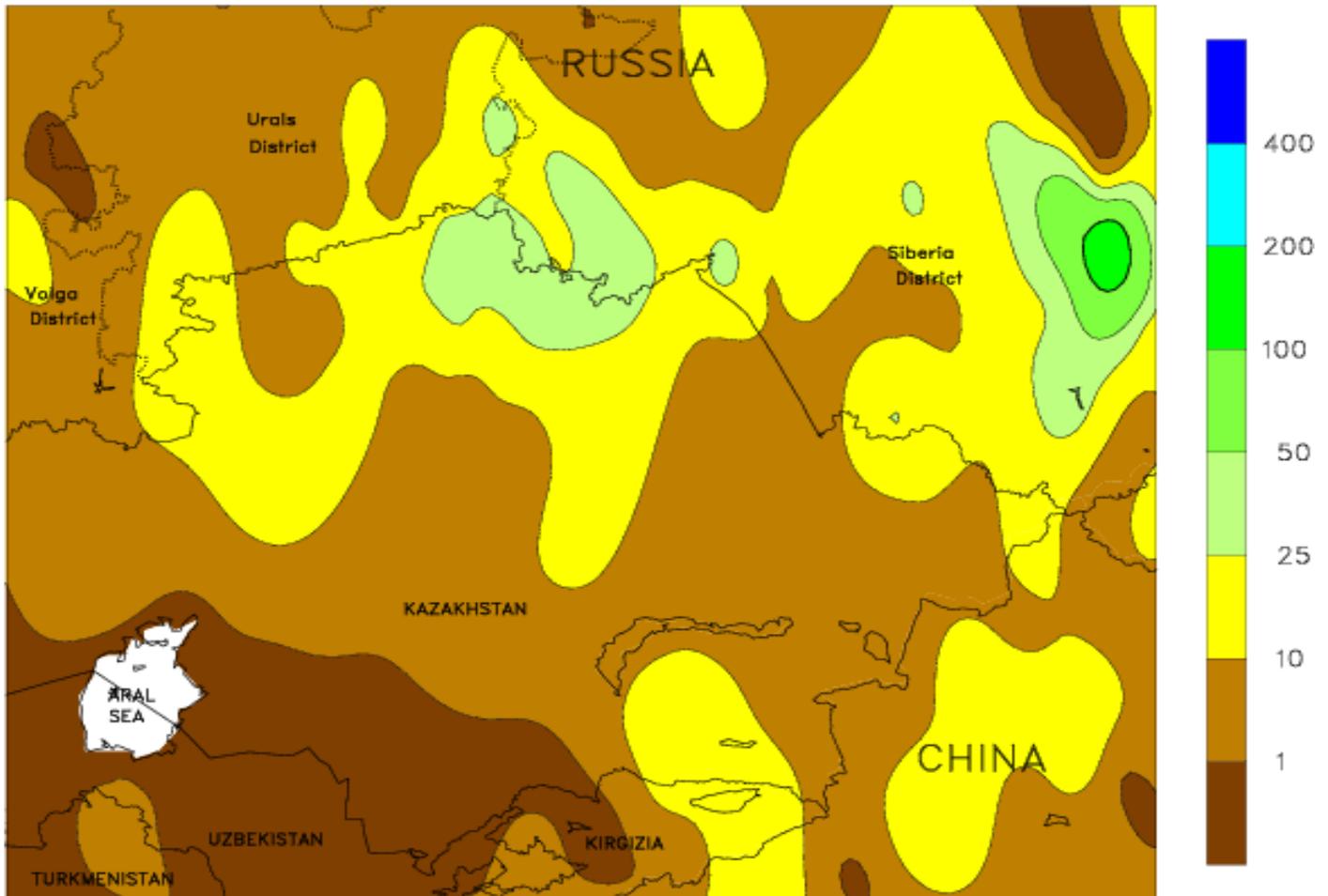


#### FSU-WESTERN

In Russia, mostly dry weather prevailed across the Central and Volga Districts, aiding small grain harvesting and planting of the 2010 winter grain crop. The optimum time for planting in northern Russia is the second half of August. Farther south, light to moderate showers (10-25 mm or more) were confined to the western portion of the Southern District, benefiting immature summer crops and boosting topsoil moisture prior to winter grain planting. Reports from Russia as of September 8 indicated that the grain harvest was about 59 percent complete. In Ukraine, light to moderate showers (10-50 mm or more) in eastern areas eased persistent dryness, favoring immature

summer crops and boosting topsoil moisture for winter grain planting. Typically, winter grain planting begins in northern Ukraine in early September and progresses southward. Mostly dry weather prevailed in central Ukraine, helping summer crop maturation and early harvest activities. Light to moderate showers (10-25 mm or more) in the western two-thirds of Belarus slowed fieldwork but provided abundant topsoil moisture for winter grain emergence. Weekly temperatures averaged near to slightly above normal in Ukraine, Belarus, and southern Russia and 2 to 4 degrees C above normal in northern Russia.

NEW LANDS FSU  
Total Precipitation (mm)  
AUG 30 - SEP 5, 2009



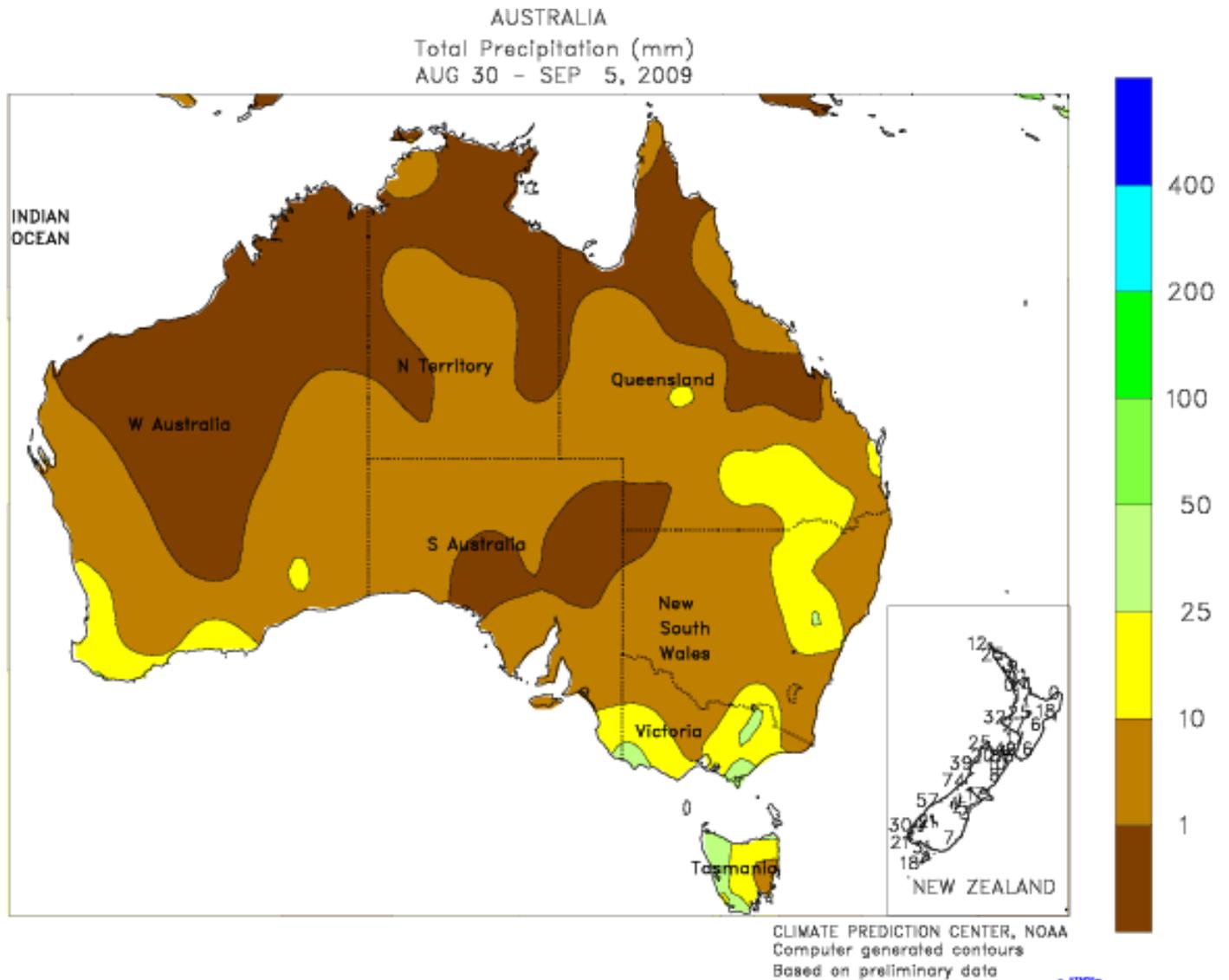
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**FSU-NEW LANDS**

Cool, showery weather (10-25 mm or more) prevailed across the Siberia District in Russia and major grain producing areas in north-central Kazakhstan, hampering spring grain harvest activities. Elsewhere, light showers (10 mm or less) in the Urals District in Russia caused only brief interruptions in spring grain harvesting. Reports from Kazakhstan as of September 2 indicated that the grain harvest was about 16 percent complete, compared with 50 percent on the same date last year. Reports from Russia as of September 8 indicated

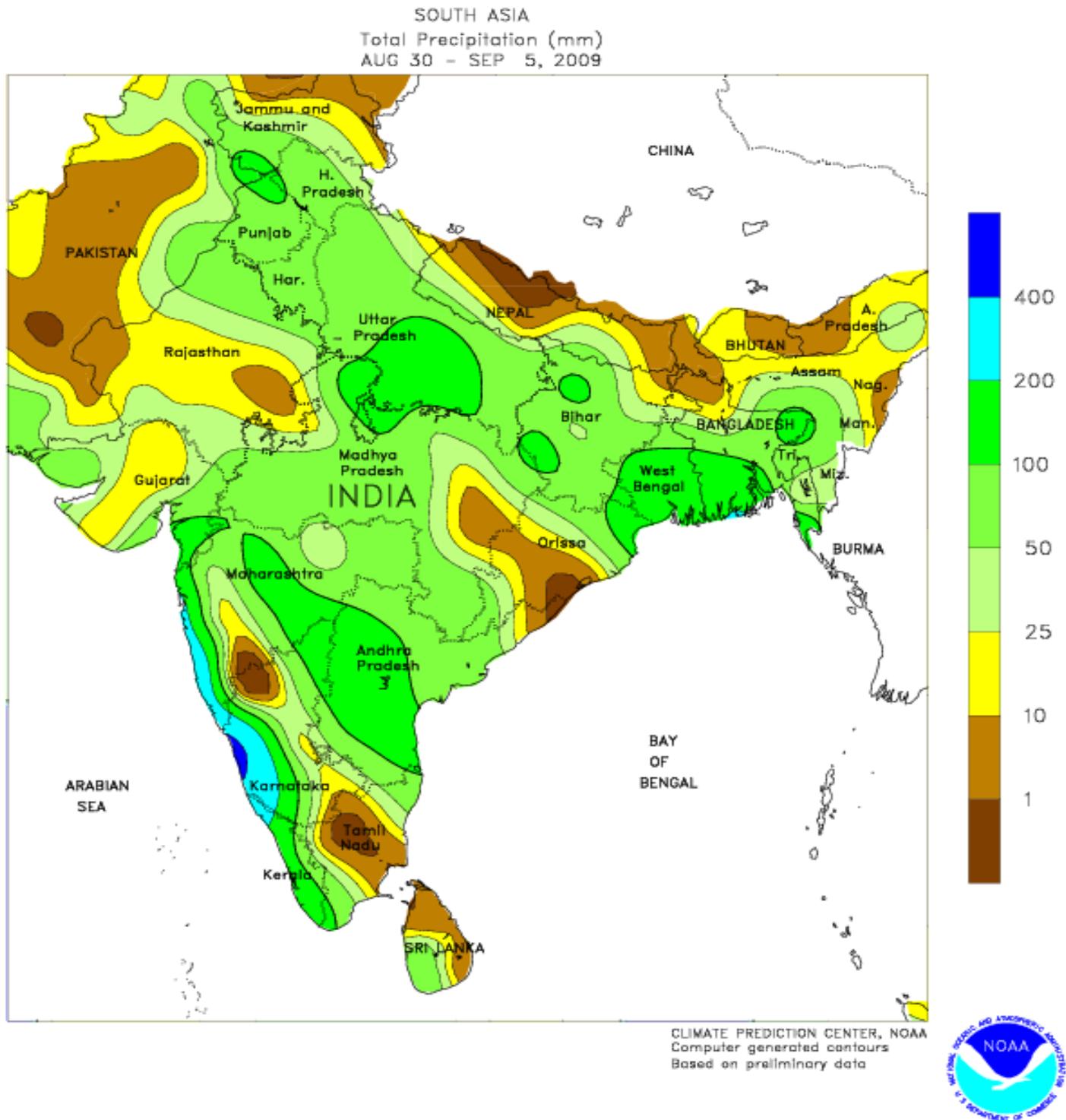
that the grain crop was 24 percent harvested in the Urals District and 15 percent harvested in the Siberia District. Weekly temperatures averaged near normal in the Urals District and 1 to 3 degrees C below normal in the Siberia District and Kazakhstan. Spotty locations throughout the region recorded minimum temperatures at or below freezing (-1 to 0 degrees C). In cotton producing areas of Central Asia, weekly temperatures averaged 1 to 3 degrees C below normal, slowing boll maturation.



**AUSTRALIA**

Widespread showers (10-45 mm) in southern Queensland and northern New South Wales helped stabilize conditions for reproductive winter wheat in the wake of stressful heat and dryness. The rainfall helped moisten topsoils for early cotton and sorghum planting, but significant follow-up rains are needed to increase subsoil moisture and to replenish irrigation supplies following prolonged drought. Scattered showers

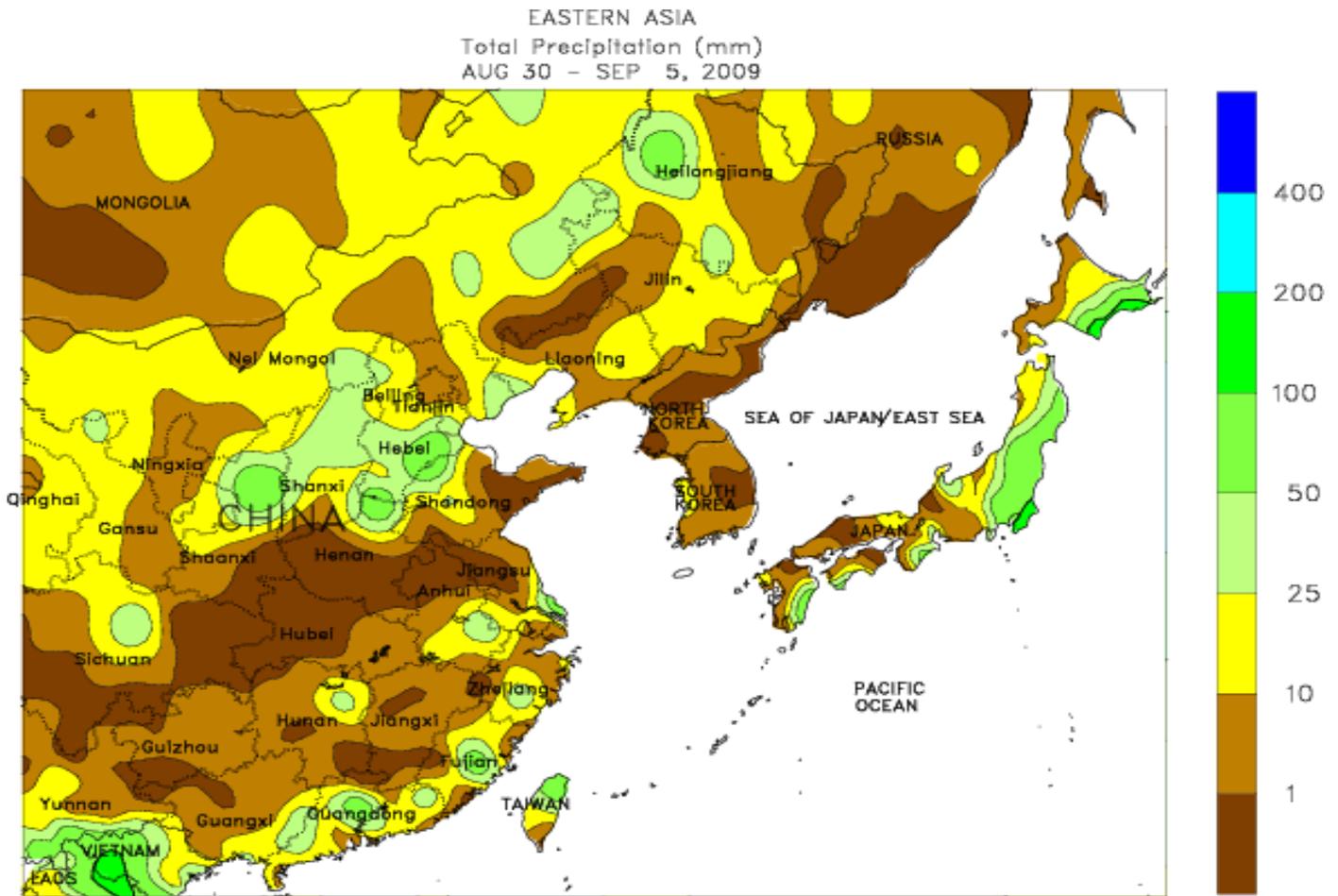
(generally 3-15 mm) in southeastern and western Australia maintained adequate moisture supplies for jointing to reproductive winter grains. Temperatures in Western Australia averaged about 1 to 2 degrees C below normal. In contrast, temperatures averaged 1 to 2 degrees C above normal in southeastern Australia and 2 to 5 degrees C above normal in east-central Australia.



**SOUTH ASIA**

The monsoon became reestablished over the region, providing widespread, locally heavy rainfall to the subcontinent. Eastern and northern India reported 25 to more than 100 mm of rain, aiding prospects for short-season rice crops (likely planted due to the late-arriving monsoon) and increasing irrigation reserves for winter wheat planting and establishment. Soybean and cotton areas of central India received 50 to 150 mm of rain, boosting prospects for reproductive to filling crops. In

Gujarat, where yields for groundnuts and cotton have likely been reduced from a month-long spell of untimely dryness and above-normal temperatures, light showers (10-25 mm) stabilized crop prospects and eased concerns over an early withdrawal of the monsoon. Elsewhere, heavy rain (60-180 mm) in Bangladesh maintained moisture for rice, while up to 50 mm of rain in northern Pakistan slowed fieldwork but improved irrigation reserves for winter wheat planting.



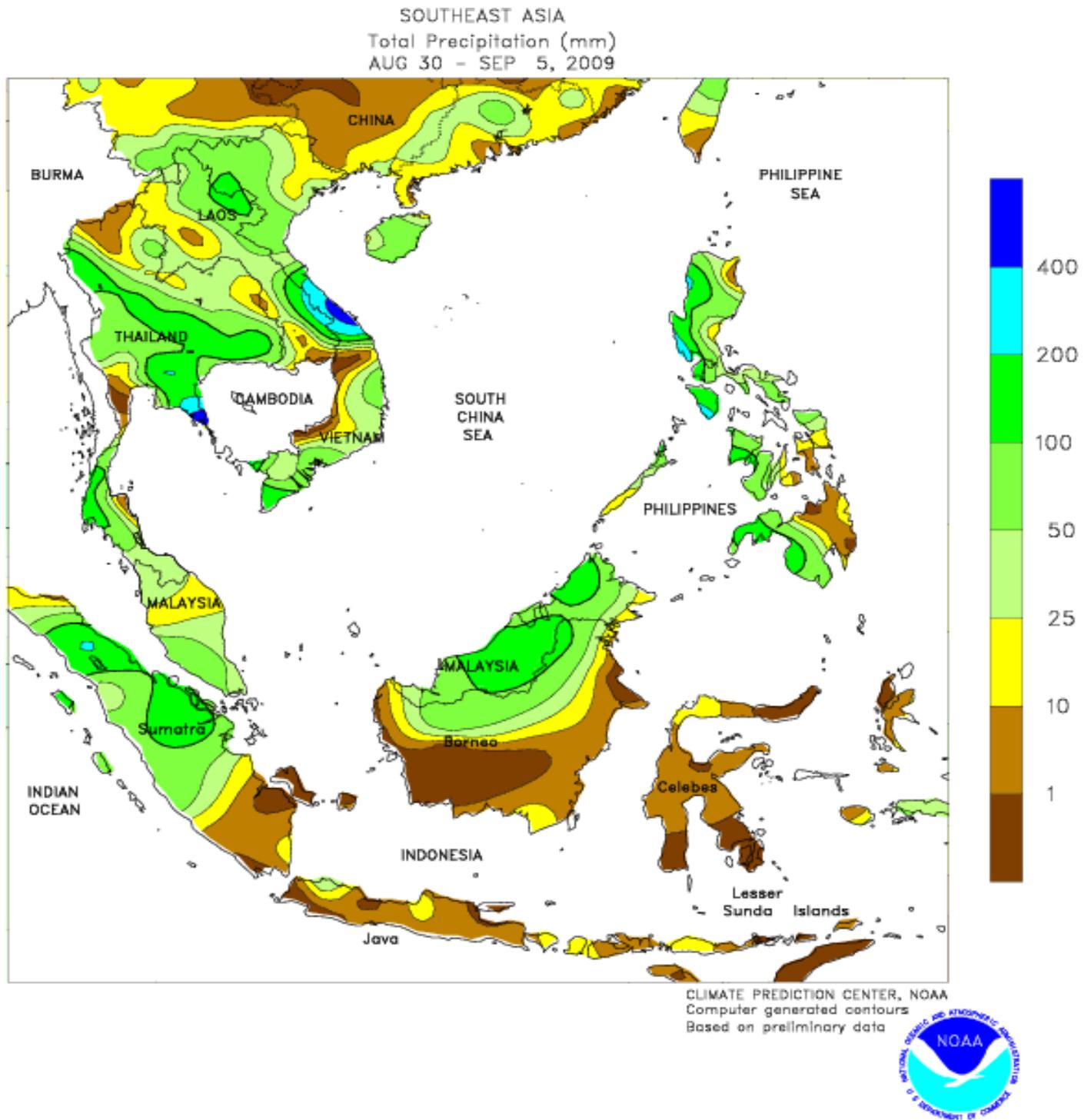
CLIMATE PREDICTION CENTER, NOAA  
Computer generated contours  
Based on preliminary data



**EAST ASIA**

An area of confluence between low pressure systems passing to the north of China and a high pressure area over the western Pacific produced periodic showers in Manchuria and across parts of the North China Plain. In Manchuria, 10 to 50 mm of rain nearly erased rainfall deficits in western Heilongjiang, incurred from dryness in late July and early August. Despite similar rainfall amounts in Jilin and Liaoning, however, deficits remained and dryness was still a concern for filling corn and

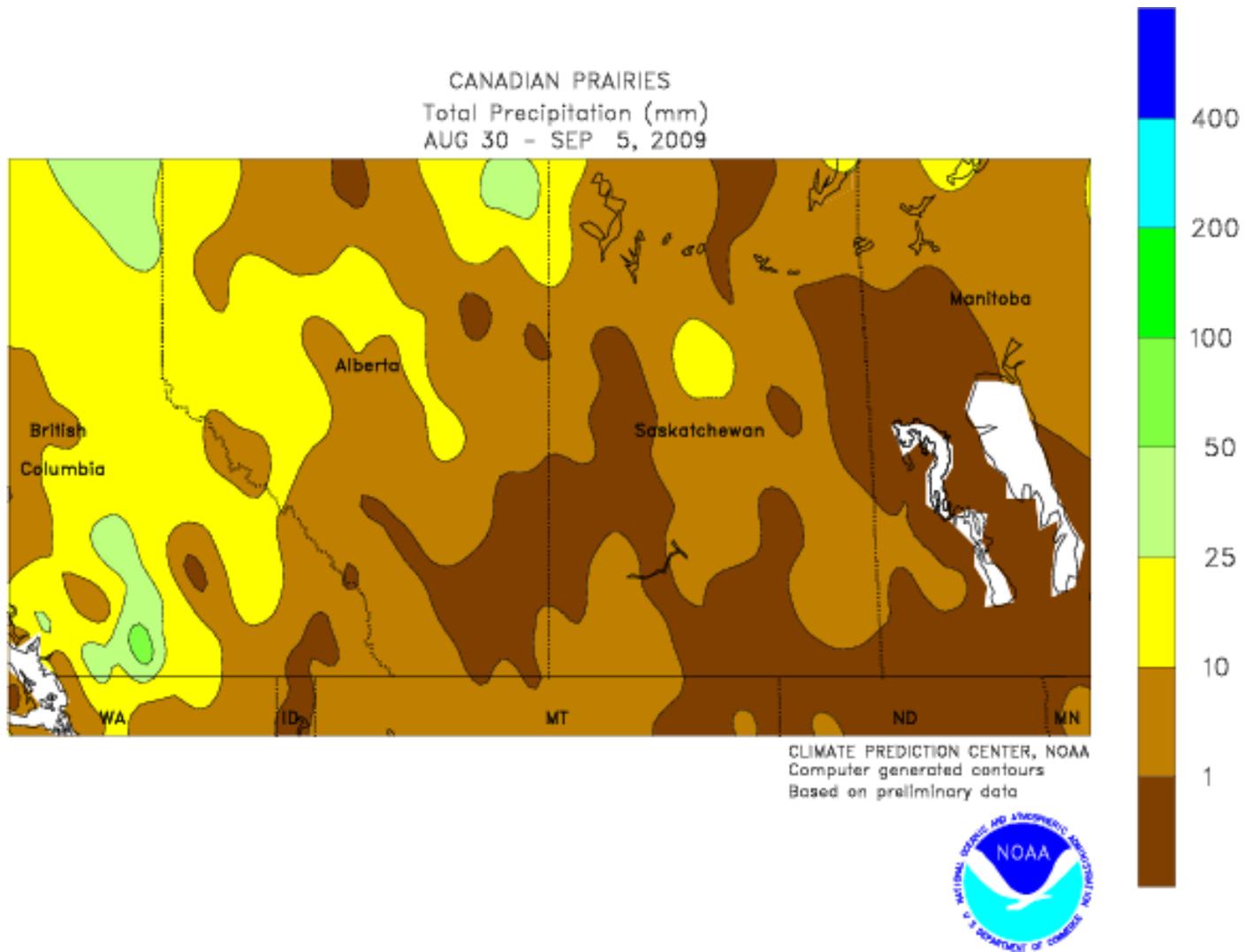
soybeans. Showers (10-50 mm) stretched into Hubei, providing favorable moisture to summer crops nearing maturity, while mostly dry weather prevailed elsewhere on the North China Plain, benefiting mature corn and cotton. Dry weather throughout much of the Yangtze Valley and southern rice bowl aided mature crops and harvesting, although the dryness was unfavorable for late-season rice. Elsewhere in the region, dry weather eased wetness on the Korean peninsula and across much of southern Japan.



**SOUTHEAST ASIA**

The Intertropical Convergence Zone (ITCZ) progressed southward, bringing favorable rainfall to most summer crops in the region. In Thailand, 50 to 100 mm of rain benefited reproductive rice but slowed corn harvesting. Widespread showers (25-100 mm) in Vietnam provided ample moisture for newly transplanted winter rice. Torrential showers (over 100

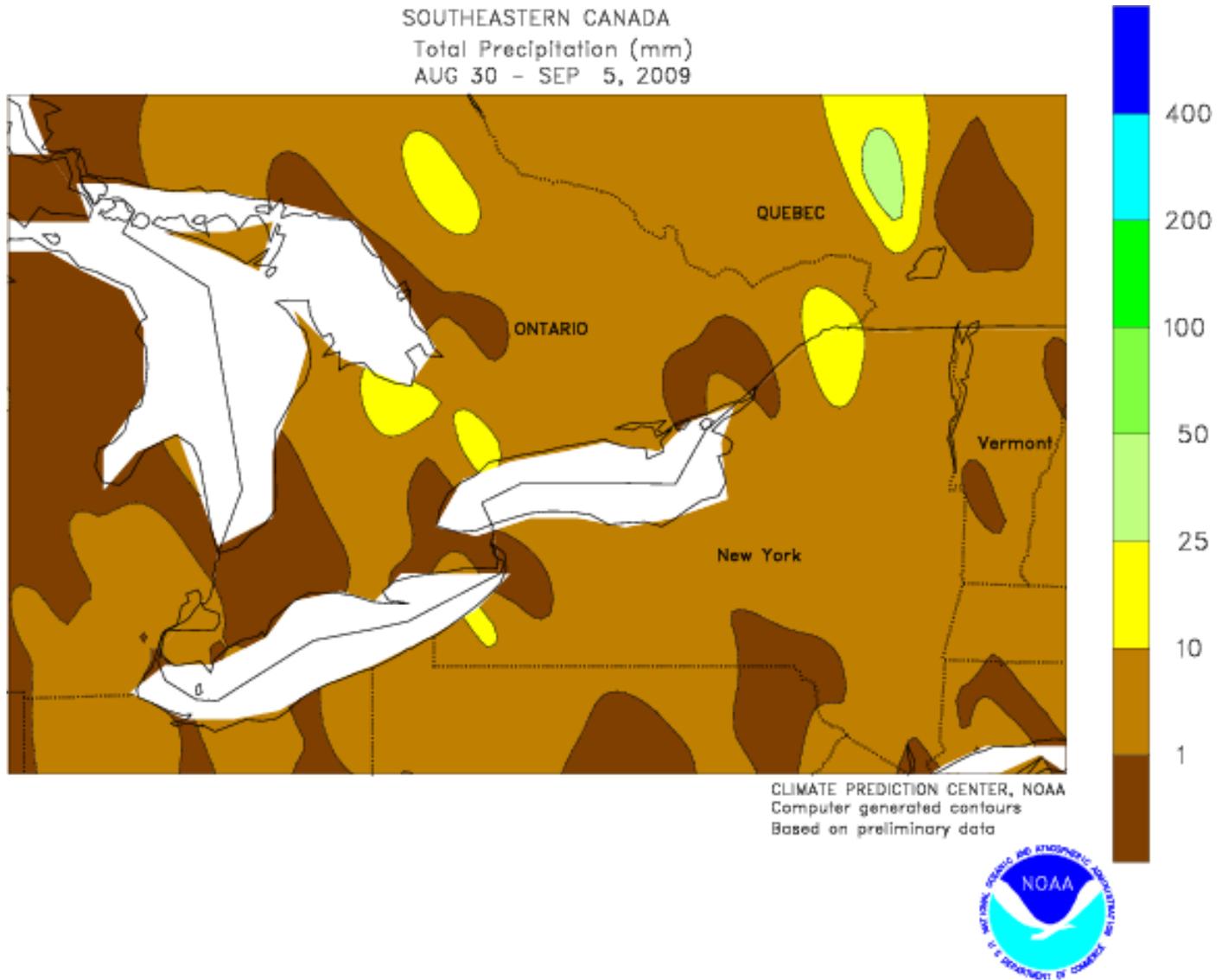
mm) in the northwestern Philippines renewed flooding in summer rice and corn areas, with lesser amounts (10-100 mm) occurring in the Visayas and Mindanao. In oil palm areas of Indonesia and Malaysia, 25 to nearly 200 mm of rain boosted soil moisture, although, dryness persisted in Kalimantan, Indonesia.



**CANADIAN PRAIRIES**

Unseasonably warm weather promoted rapid development of immature spring grains and oilseeds, helping to alleviate concern for potential damage from the first autumn freeze. Temperatures averaged 2 to 5 degrees C above normal throughout the Prairies, with highs reaching the lower and middle 30s degrees C for much of the week in the southwest. Consequently, minimum temperatures were well above freezing. The first autumn freeze typically arrives during early

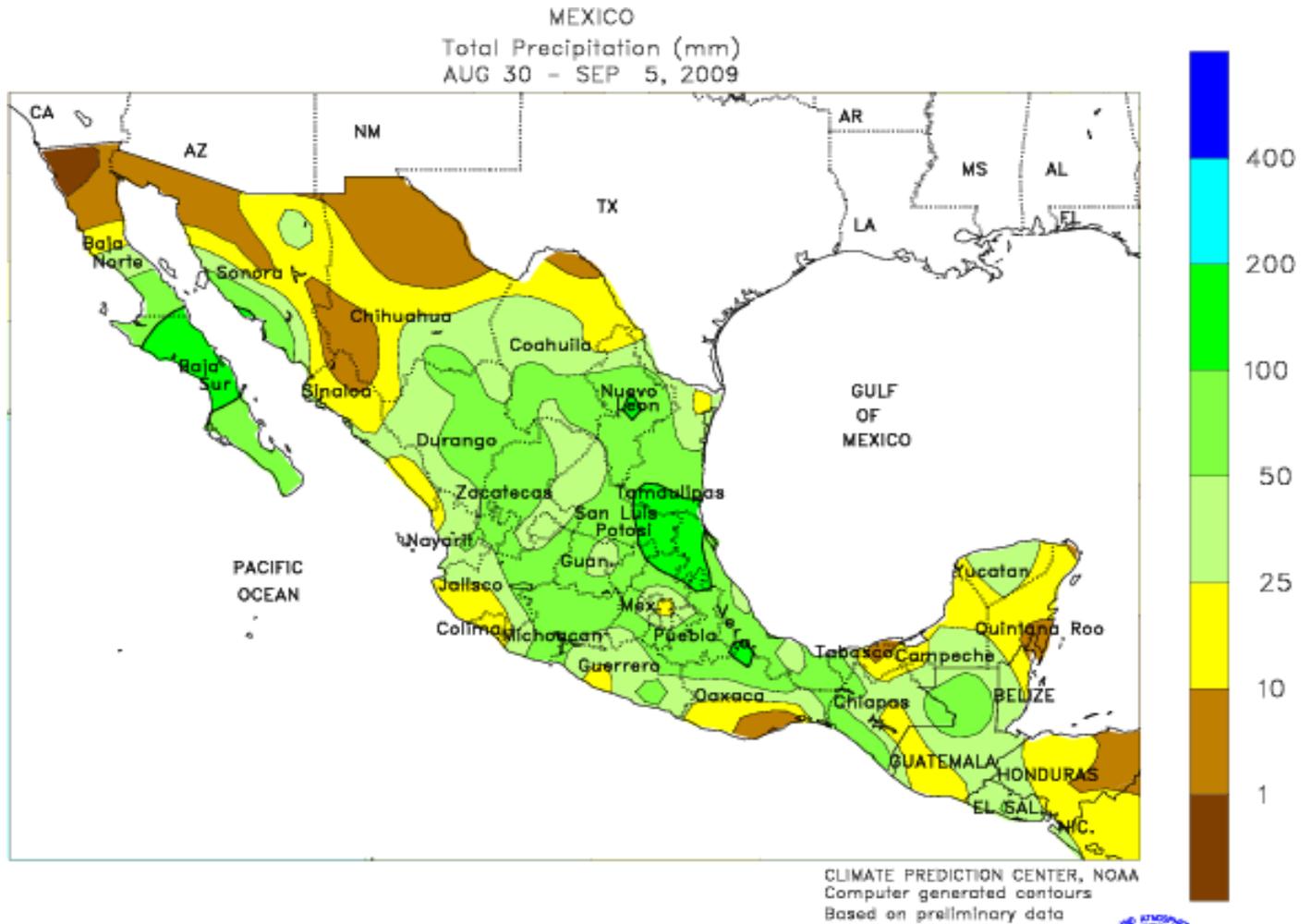
September, however, only a few fringe growing areas have reported a season- ending freeze. Any freeze occurring from this point on in the western Prairies would be considered on-time or late. According to recent reports emanating from the Provincial Governments, harvesting of early maturing crops was underway, but other grains and oilseeds were 1 to 2 weeks behind in development prior to the current warm spell, making this week's unusual weather pattern timely.



**SOUTHEASTERN CANADA**

Mostly dry, sunny weather dominated the main farming areas of Ontario and Quebec, favoring summer crop development and facilitating autumn fieldwork. However, weekly temperatures continued to average several degrees C below normal, with highs mostly in the lower and middle 20s degrees

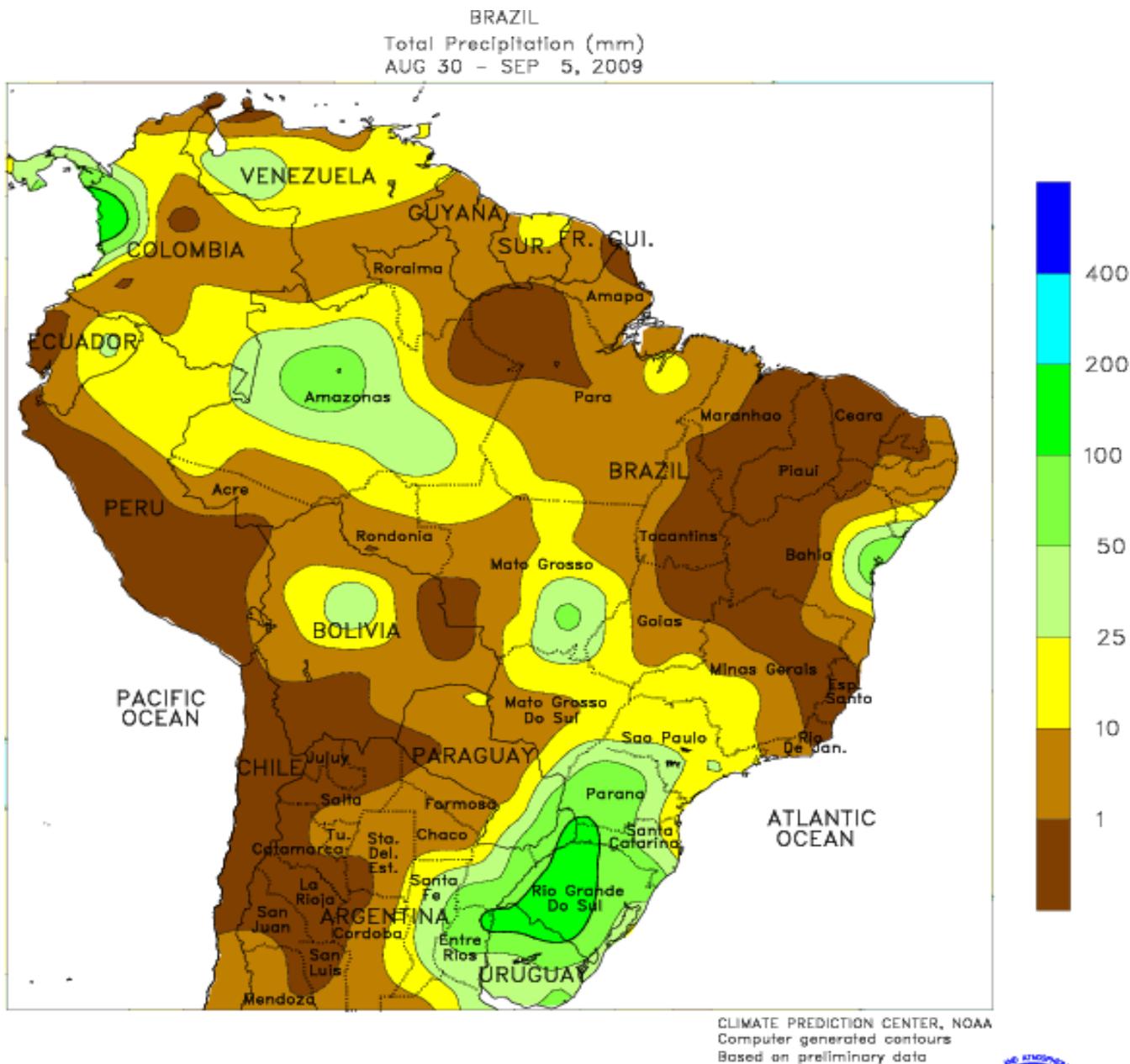
C. Warmer conditions would be welcome for maturation of corn and other summer crops, which lagged the usual pace of development for most of the season. Winter wheat planting typically ranges from early September to early October, and most areas currently enjoy favorable levels of moisture.



**MEXICO**

Much-needed rain (25-100 mm or more) fell in drought-stricken sections of northeastern and central Mexico, including the hardest hit sections of the lower Rio Grande Valley and southern plateau. The rainfall resulted from a surge of tropical moisture from the Gulf of Mexico and eastern Pacific Ocean, overspreading the region during the week. The moisture was also partially derived from

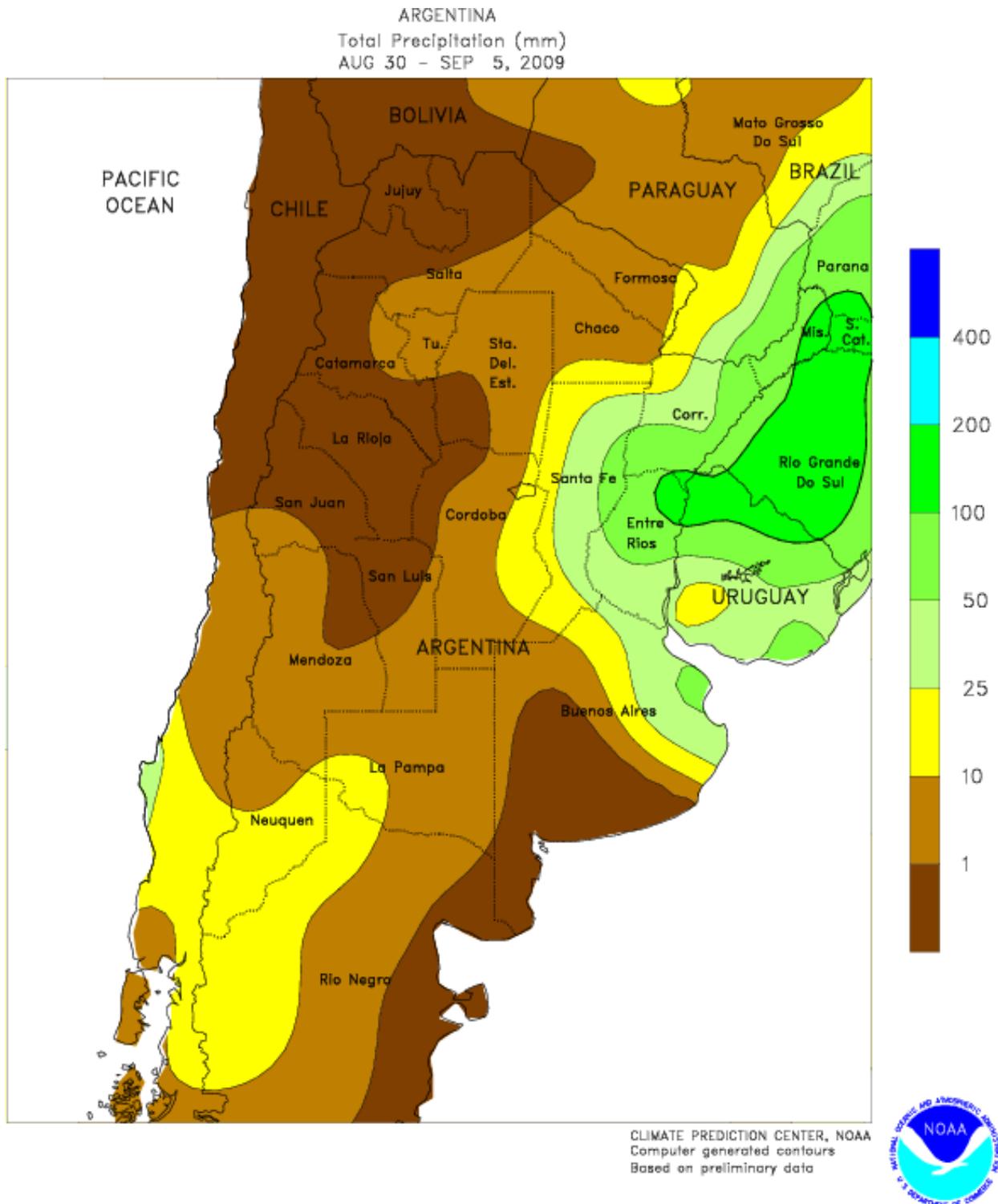
Hurricane Jimena, which achieved sustained winds of over 150 mph before striking southern Baja California on September 2 as a weaker Category 2 storm (sustained winds near 100 mph). Jimena moved into the Gulf of California and weakened before taking a sharp westward turn that prevented it from reaching the northern rangeland and farming areas of Sonora and Chihuahua.



**BRAZIL**

Unseasonably wet weather (rainfall totaling 25-100 mm or more) returned to Parana and Rio Grande do Sul, ending about 1 week of much-needed dry, sunny weather. However, warm weather (highs in the lower and middle 30s degrees C, boosting weekly average temperatures to about 4 degrees C above normal) advanced development of reproductive to filling crops in these states prior to the onset of the rain. Moisture reserves remained abundant for winter wheat development, but the return of the unusually wet conditions renewed concerns for disease and insect infestations and prevented early harvesting. Farther north, unseasonable rain (10-25 mm,

locally exceeding 50 mm) continued in the center-west and southeastern regions (Mato Grosso southeastward through Sao Paulo), helping to condition fields for early summer crop harvesting but slowing seasonal fieldwork, including wheat, cotton, and sugarcane harvesting. In southwestern Minas Gerais, rain (greater than 10 mm) slowed coffee harvesting but will likely spur flowering of the 2009/10 crop. Elsewhere, warm, dry weather aided late cotton harvesting in the northeastern interior while mostly dry conditions prevailed along the northeastern coast, with rainfall (5-25 mm or more) confined to coastal Bahia.



**ARGENTINA**

Beneficial rain (10-25 mm, locally exceeding 50 mm) fell in Argentina's northeastern farming areas, including key grain and oilseed areas of Entre Rios and nearby locations in central Santa Fe and northeastern Buenos Aires. The moisture was timely for vegetative to heading winter grains and provided needed moisture for planting and germination of corn and sunflowers. However, mostly dry, unseasonably warm weather (temperatures averaging 1-4 degrees C above normal, with highs ranging from the middle 20s to lower 30s degrees C) stressed vegetative to reproductive

winter grains in southern Buenos Aires, northeastern La Pampa, and Cordoba. These locations will also need significant rain before summer grain and oilseed planting can begin. Hotter conditions (temperatures averaging 4-6 degrees C above normal, with highs reaching the upper 30s degrees C) were also unfavorable for winter grain development from Santiago del Estero northward. Argentina's northern crop and rangeland areas also need a soaking rain to help pasture conditions and to encourage planting of summer grains, oilseeds, and cotton.

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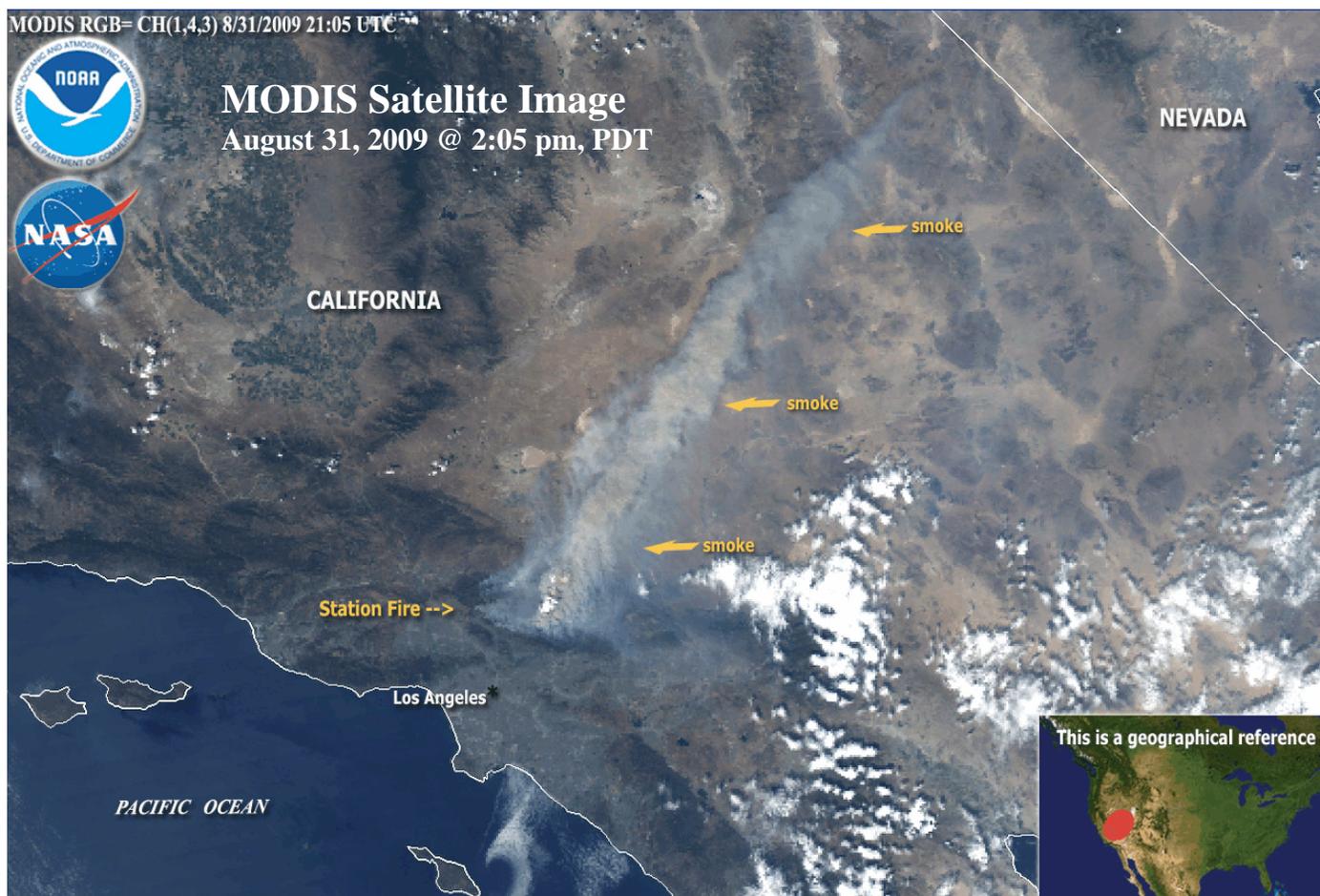
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The Station fire, currently ranked as the eighth-largest wildfire in California since 1932, charred more than 160,000 acres of vegetation by September 8. The August 31 MODIS satellite image, above, captured the fire's smoke plume billowing northeastward toward the Great Basin. Just last year, however, a wildfire in northwestern California's Klamath National Forest burned about 192,000 acres. And more than two decades ago, the "Siege of '87" consumed some 640,000 acres of timber in California's Klamath and Stanislaus National Forests.