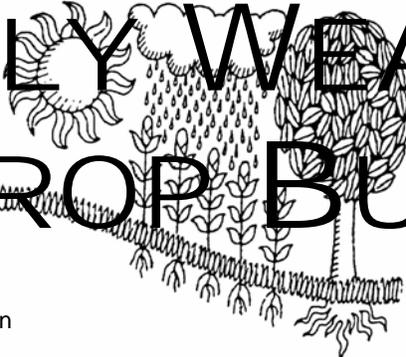
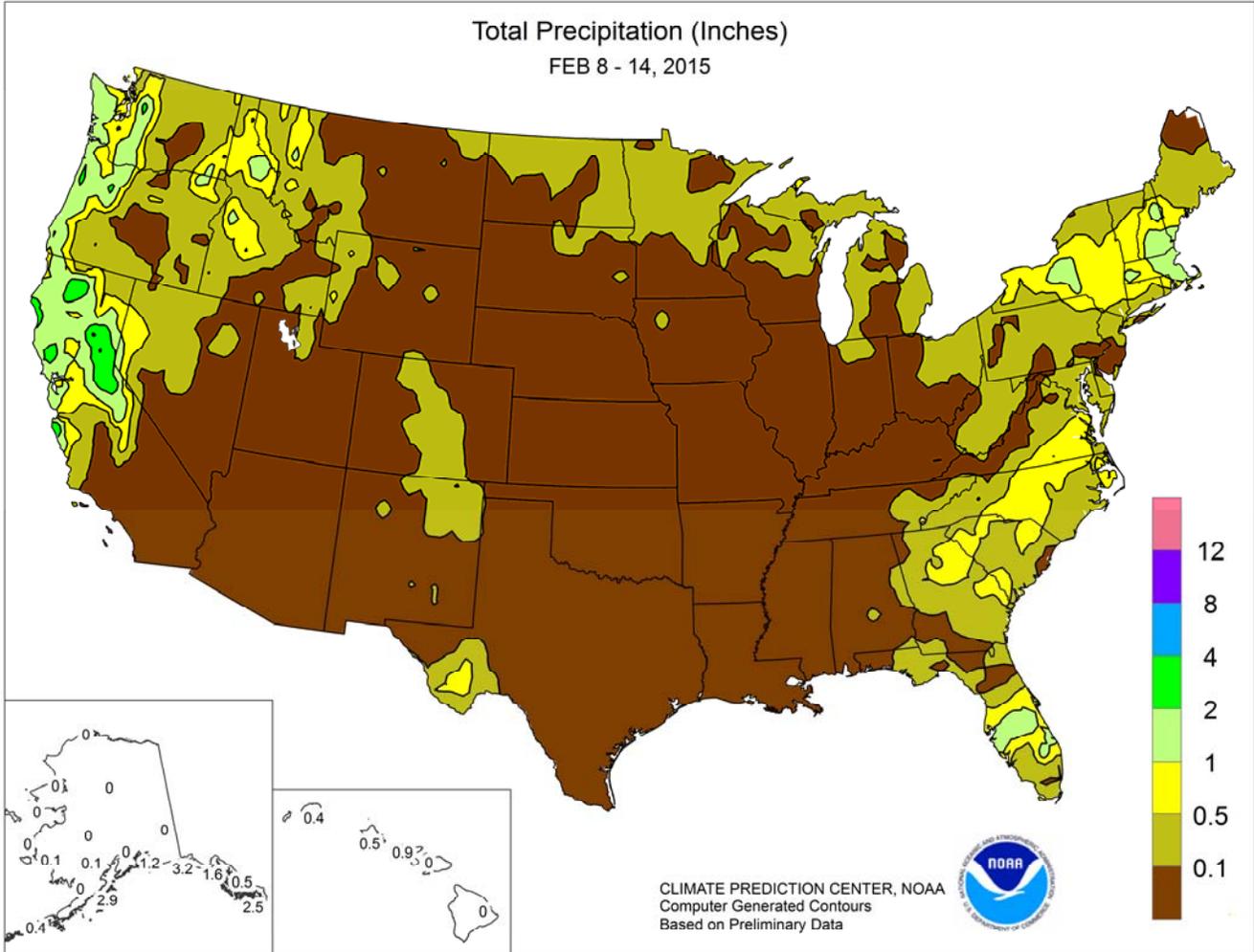


# WEEKLY WEATHER AND CROP BULLETIN



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

### February 8-14, 2015

*Highlights provided by USDA/WAOB*

**B**eneficial precipitation subsided across **northern and central California** early in the week, followed by a return to very warm, unfavorably dry conditions. Dry weather also developed across the **northern Rockies** and the **Pacific Northwest**, while weekly temperatures averaged more than 20°F above normal in parts of the **northern Intermountain West**. Farther east, dry weather covered the **nation's mid-section**, including the **Plains, Midwest, and mid-South**. Temperatures varied considerably, however, ranging from chilly conditions in

*(Continued on page 5)*

## Contents

|   |    |
|---|----|
| <b>Water Supply Forecast for the Western United States</b> .....            | 2  |
| Extreme Maximum & Minimum Temperature Maps.....                             | 4  |
| Temperature Departure Map .....   | 5  |
| February 17 Drought Monitor &<br><b>U.S. Seasonal Drought Outlook</b> ..... | 6  |
| National Weather Data for Selected Cities .....                             | 7  |
| National Agricultural Summary .....   | 10 |
| International Weather and Crop Summary .....                                | 11 |
| <b>January International Temperature/Precipitation Maps</b> ....            | 21 |
| Bulletin Information & Snow Cover Map .....                                 | 36 |

# Water Supply Forecast for the Western United States

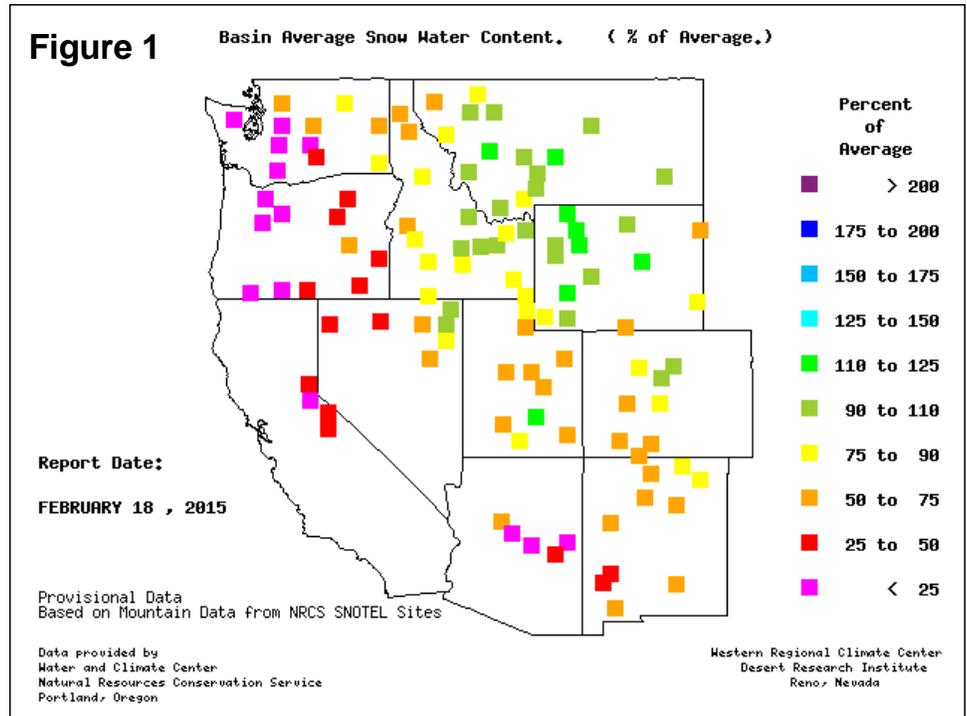
## Highlights

The phase of the El Niño-Southern Oscillation (ENSO) remained officially neutral into February 2015, but was teetering on the brink of El Niño. However, without consistent coupling between the equatorial Pacific Ocean and the surrounding atmosphere, winter weather patterns across the western U.S. have been wildly inconsistent and often influenced by factors other than ENSO. In California, a wet December was followed by near-record dryness in January. And, with much of the West continuing to deal with unusually warm weather, sub-par snowpack dominated all but northeastern sections of the western U.S.

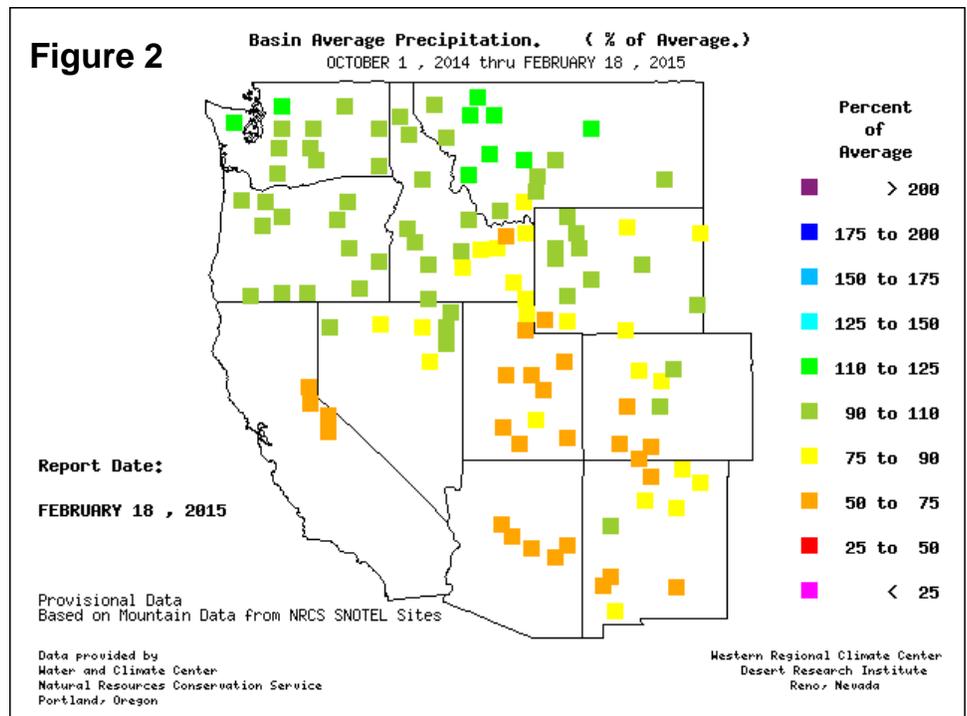
## Snowpack and Precipitation

By February 18, 2015, deficient snowpack was a grave concern in California, the Great Basin, and drought-affected areas of the Southwest. With a potential fourth year of drought looming, several of California's key watersheds in the Sierra Nevada had less than one-quarter of the normal amount of water stored in the snowpack (figure 1). Similarly abysmal snowpack values were noted in parts of Arizona. Notably, snowpack values were exceedingly low—often less than 25 percent of normal—in the Cascades and coastal ranges of the Pacific Northwest, despite near-normal season-to-date precipitation. Farther inland, however, snow water content values were nearly ideal in the northern Rockies.

## SNOTEL – River Basin Snow Water Content



## SNOTEL – River Basin Precipitation



Season-to-date precipitation (October 1, 2014 – February 18, 2015) showed a marked contrast between relatively dry conditions in California and the Four Corners States and near- to above-normal totals in the Northwest (figure 2). Typically, such a pattern—wet in the north, dry in the south—might be associated with La Niña, strongly suggesting that factors other than the equatorial Pacific Ocean have been influencing the Western winter weather regime.

### Spring and Summer Streamflow Forecasts

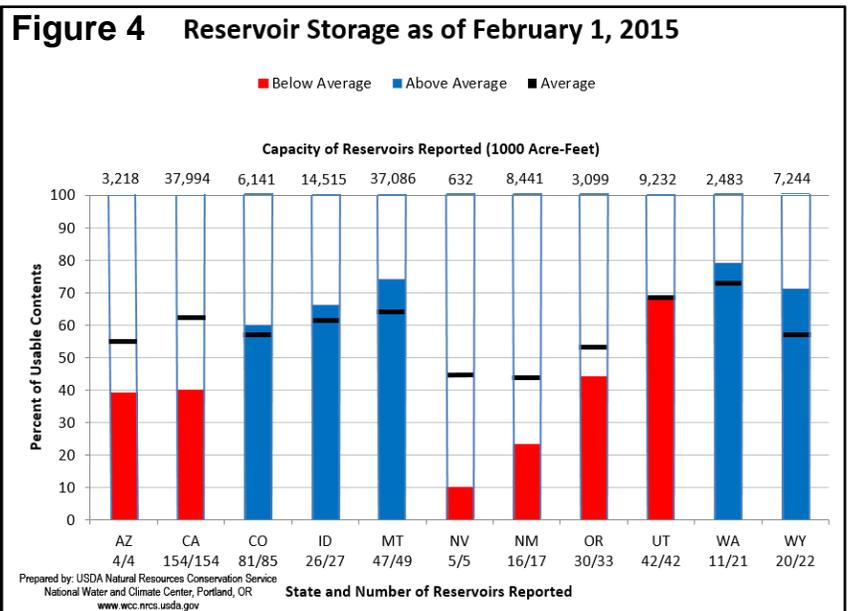
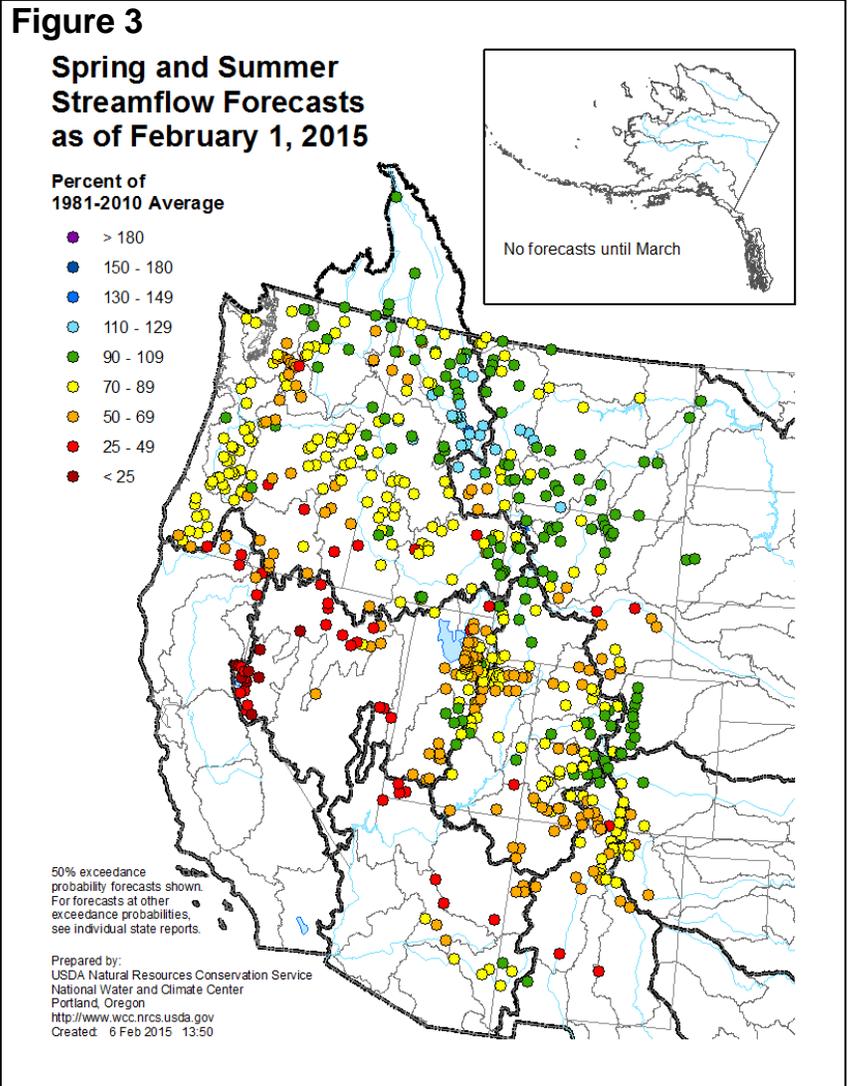
By February 1, 2015, projections for spring and summer streamflow were indicating the likelihood of significantly below-normal runoff from California to the southern Rockies (figure 3). In particular, less than 70 percent of the normal runoff can be expected in most basins stretching from the Sierra Nevada into the Great Basin, as well as portions of the Four Corners States. In contrast, near- to above-normal runoff should occur in the northern and central Rockies. Despite periods of heavy precipitation, sub-par snowpack in the Cascades is leading to expectations of near- to below-normal runoff.

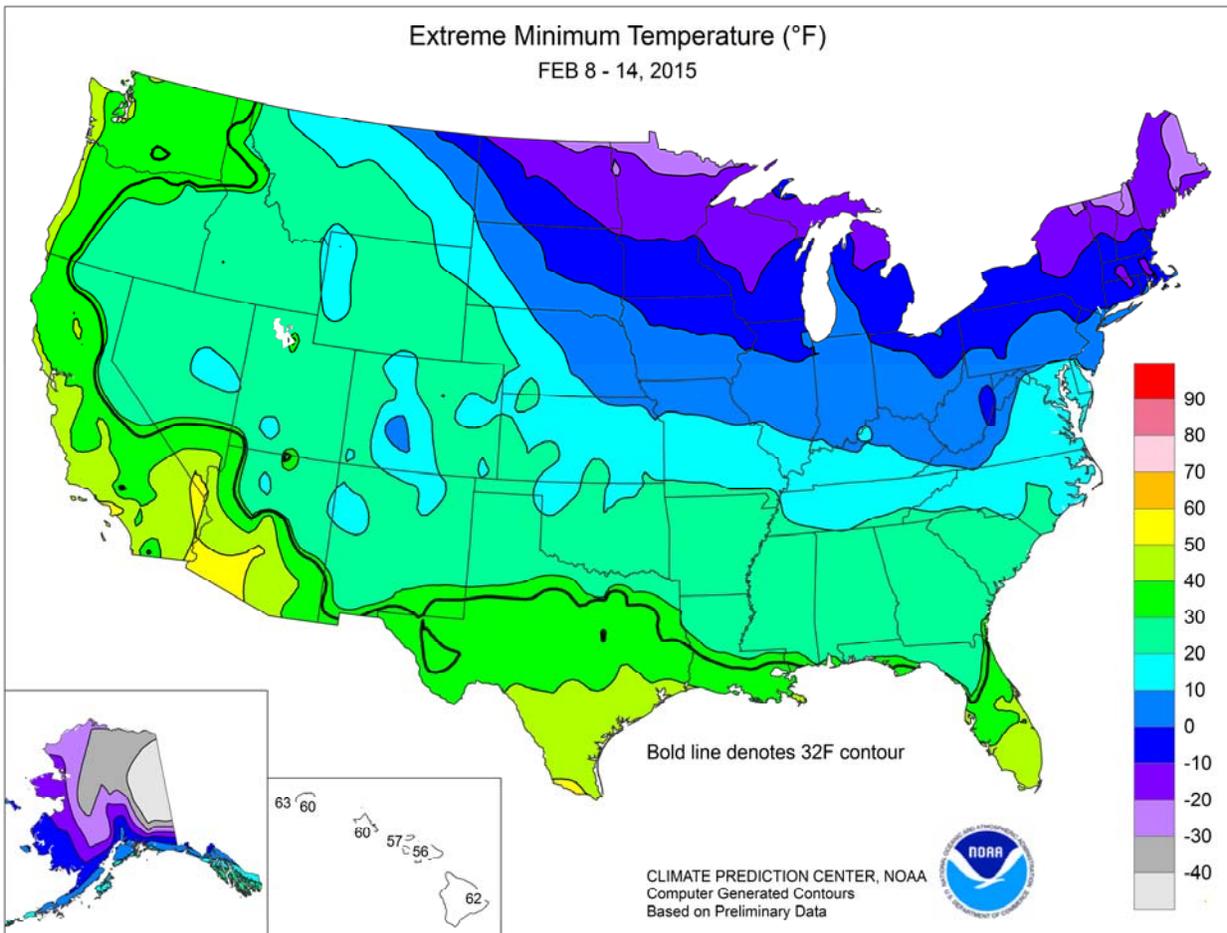
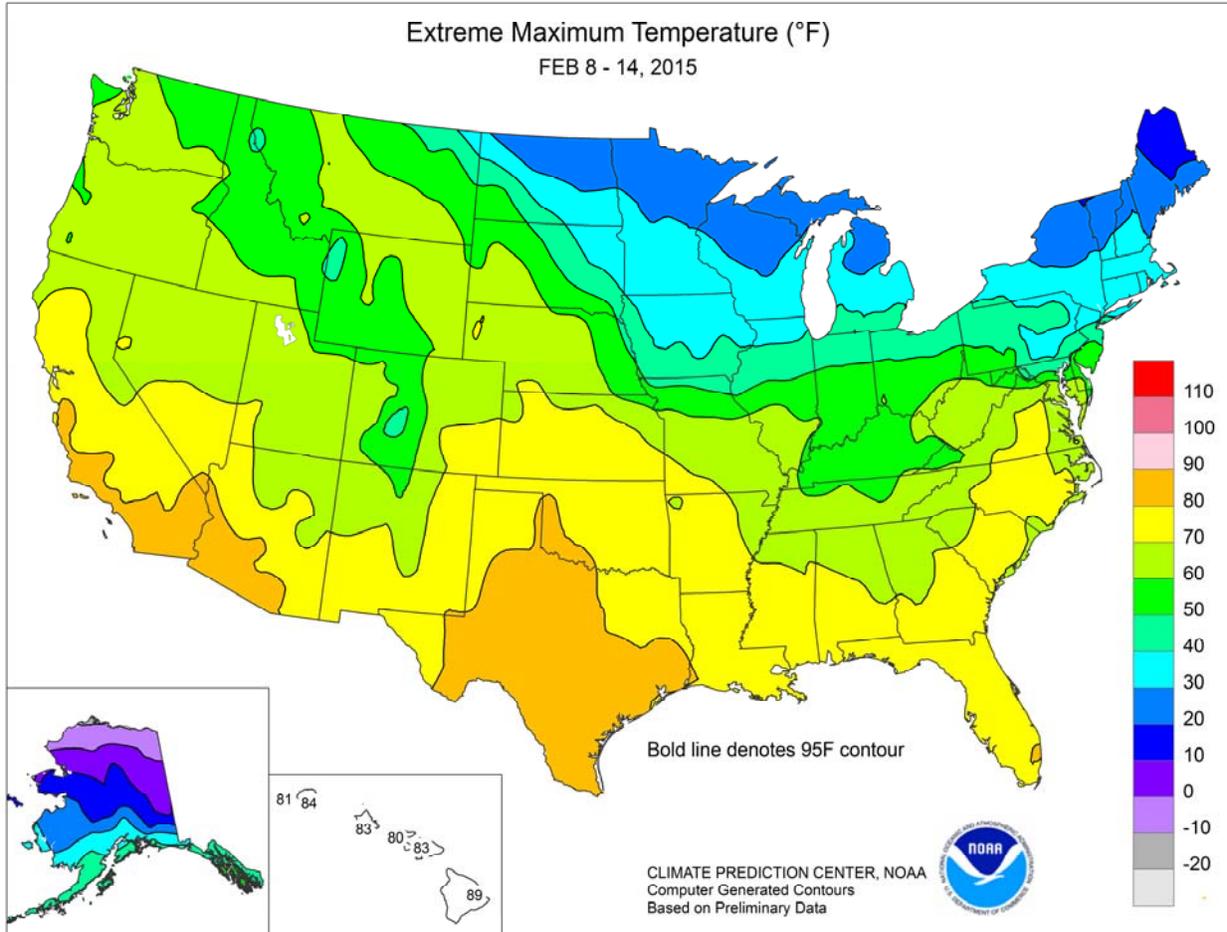
### Reservoir Storage

On February 1, 2015, reservoir storage as a percent of average for the date was below average in Arizona, California, Nevada, New Mexico, and Oregon (figure 4). Following December storminess in California, January featured near-record dryness. After gaining 3.1 million acre-feet (maf) of water in December, California’s 154 reservoirs added just 0.6 maf in January. By February 1, overall storage in California stood at 15.3 maf (65 percent of average), similar to last year’s value—15.2 maf—at this time.

### For More Information

The National Water and Climate Center homepage provides the latest available snowpack and water supply information. Please visit: <http://www.wcc.nrcs.usda.gov>



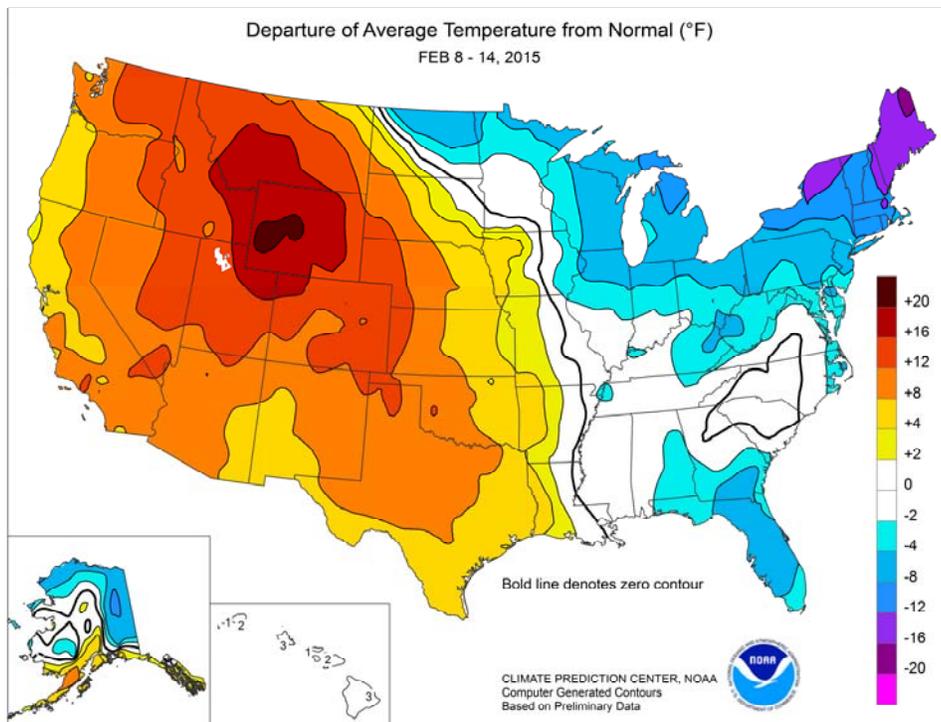


(Continued from front cover)

the **Mississippi Valley** to record-setting warmth on the **High Plains**. Elsewhere, precipitation was mostly confined to the **nation's northern tier** and the **Atlantic Coast States**. In the latter region, rain fell in the **southern Atlantic States**, while snow continued to accumulate in parts of the winter-weary **Northeast**. Near- to below-normal temperatures dominated areas **east of the Mississippi River**, with **Northeastern** readings averaging at least 10°F below normal in some locations. Sub-zero temperatures were reported after mid-week from the **northern Corn Belt into the Northeast**. Meanwhile, freezes were noted as far as **northern Florida**, albeit north of the citrus belt. The wintry conditions maintained stress on livestock across the **Midwest** and **Northeast**, especially in deeply snow-covered sections of the latter region.

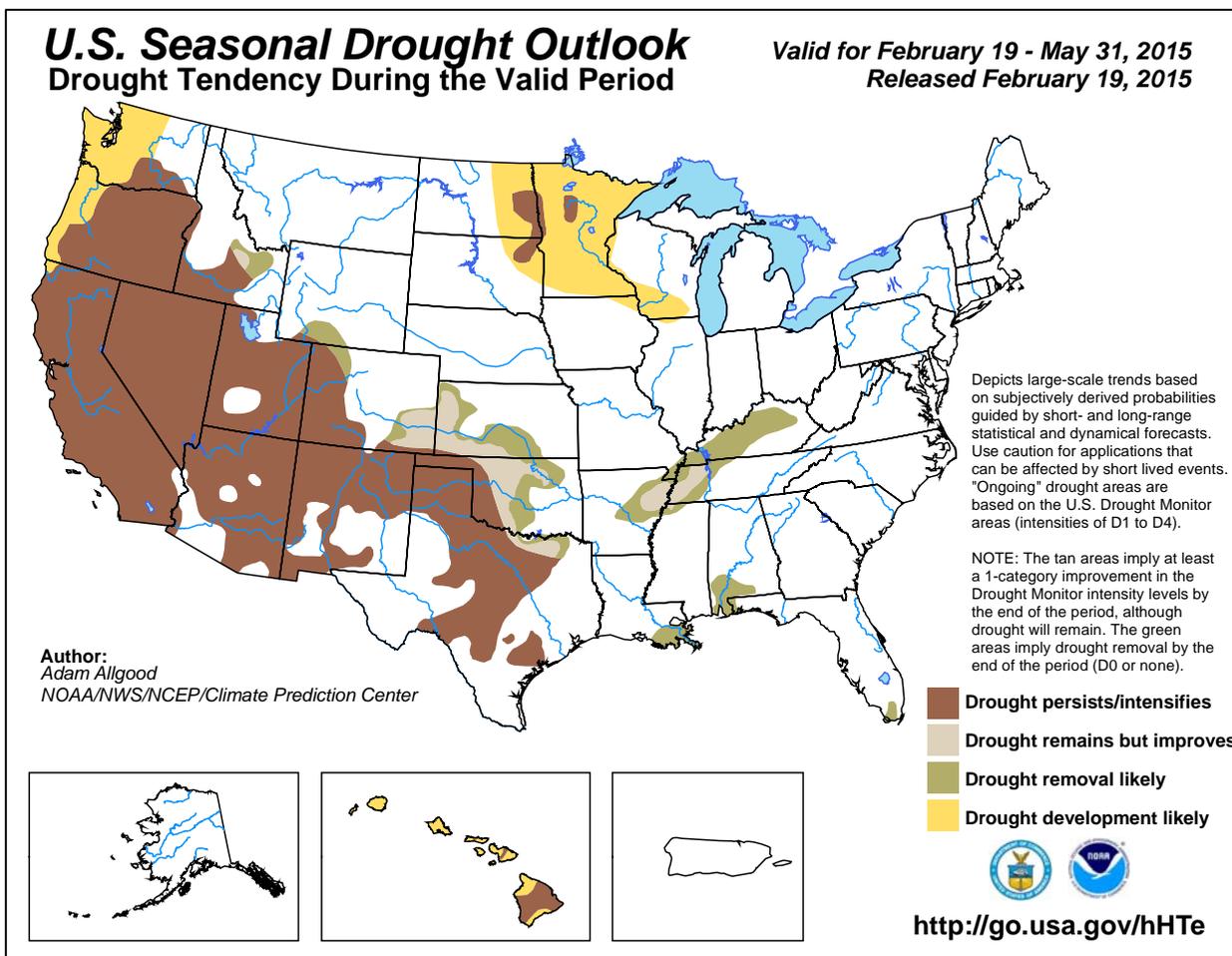
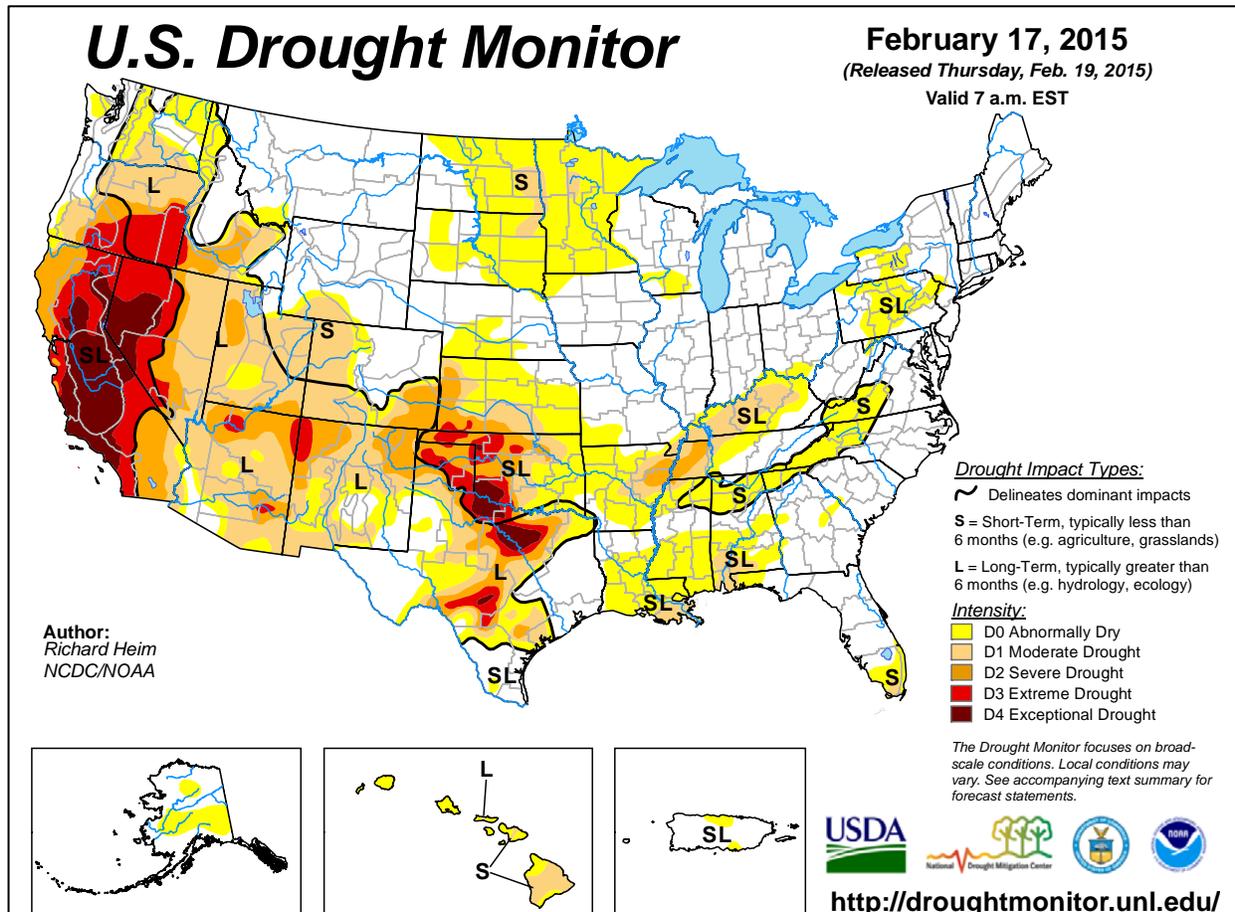
Early in the week, heavy precipitation lingered across **northern and central California**. Record-setting totals in **California** for February 8 included 2.77 inches in **Mt. Shasta City** and 1.34 inches in **Sacramento**. In **northwestern California**, storm-total (February 5-9) rainfall topped 10 inches in several locations, with **Honeydew** receiving 16.60 inches. During the same 5-day period, **Crescent City, CA**, received 4.18 inches of rain, along with wind gusts greater than 60 mph on February 7 and 9. Elsewhere in **California**, **San Francisco** collected 2.01 inches of rain from February 6-8, following a completely dry January. Rain, not even a trace, had not fallen in **San Francisco** since December 24. Precipitation also spilled across the **Sierra Nevada** crest into **western Nevada**, where **Reno** (0.81 inch on February 8) netted a daily-record total. Meanwhile, two more major winter storms struck the **northern Atlantic region**, where **Boston, MA**, reported 22.2 inches of snow on February 8-9 and 16.2 inches on February 14-15. In the 23-day period from January 24 – February 15, snowfall in **Boston** totaled 90.2 inches, or more than 7½ feet. Snowfall in **Boston** exceeded a foot on January 27 and February 2, 9, and 15, with respective amounts of 22.1, 16.2, 14.8, and 13.0 inches. Meanwhile in **Maine**, **Bangor's** snow depth of 53 inches from February 9-11 tied an all-time station record. Periodic snow showers continued downwind of the **Great Lakes**, although collective ice coverage on the five lakes climbed to 82.3 percent by February 17—ahead of the 81.6 percent coverage on the same date a year ago. In **northern Michigan**, **Marquette** reported a daily-record snowfall (9.2 inches) on February 8. Farther west, light snow in advance of an Arctic cold front resulted in a daily-record total (0.23 inches on February 10, including 2.1 inches of snow) in **Grand Forks, ND**. A day later, **Alexandria, MN**, clocked a wind gust to 52 mph. Toward week's end, exceptionally heavy rain fell in parts of the **U.S. Virgin Islands**, where **King Airport on St. Thomas** received 11.09 inches on February 13-14. Through the 14th, the month-to-date rainfall of 11.45 inches in **St. Thomas** easily surpassed its February 2006 standard of 4.83 inches.

Record-setting warmth was nearly continuous across the **West**, while the **Plains** experienced above-normal temperatures early in the week and again at week's end. From February 5-8, **Salt Lake City, UT**, registered four consecutive daily-record highs (65, 68, 68, and 64°F).



Other record-setting highs for February 8 included 82°F in **Bakersfield, CA**; 80°F in **Hobart, OK**; 74°F in **Wichita, KS**; and 65°F in **Boise, ID**. Warmth even made a brief appearance in the **East**, where daily-record highs on the 8th reached 73°F in **Danville, VA**, and 68°F in **Washington, DC**. The following day, record-setting highs for February 9 surged to 90°F in **Yuma, AZ**; 71°F in **Scottsbluff, NE**; and 70°F in **Gateway, CO**. By February 11, daily-record highs in **southern California** rose to 87°F in **El Cajon** and 86°F in **Chula Vista**. **El Cajon** posted additional records of 87°F on February 12 and 13. Other **California** records included 92°F (on February 13) in **Santa Ana** and 74°F (on February 14) in **Sacramento**. In fact, **Sacramento** closed the week with a trio of daily-record highs (73, 73, and 74°F) from February 12-14. **Cedar City, UT** (61, 66, and 70°F); **Ely, NV** (65, 66, and 66°F); and **Pocatello, ID** (57, 60, and 56°F), also achieved three records in a row during the same period. In **Helena, MT**, February 13-14 featured consecutive daily-record highs (61°F both days). In dramatic contrast, **Northeastern** daily-record lows plunged to -32°F (on February 13) in **Watertown, NY**, and -23°F (on February 14) in **Bangor, ME**.

Mild weather in **southern Alaska** contrasted with lingering cold across most interior locations. Daily-record highs were set during the second half of the week in a few places, including **Sitka** (53°F on February 12). On February 12-13, **Cold Bay** posted consecutive daily record-tying highs of 42 and 41°F, respectively. Widespread precipitation accompanied the late-week warmth across **southern Alaska**, where **Pelican** netted a daily-record total of 2.55 inches—all rain—on February 14. Earlier in the week, **Pelican** had received 12.5 inches of snow from February 8-10. Farther south, **Hawaii's** dry spell persisted, accompanied by warm weather. Daily-record highs were tied in a few locations, including **Hilo** (89°F on February 14) and **Lihue** (84°F on February 9). Toward week's end, shower activity increased in many areas, although **Hilo** (on the **Big Island**) continued to await its first measurable rainfall of the month. During the first half of February, rainfall totaled a trace (4.69 inches below normal) in **Hilo** and 0.67 inch (44 percent of normal) in **Lihue, Kauai**.



National Weather Data for Selected Cities

Weather Data for the Week Ending February 14, 2015

Data Provided by Climate Prediction Center

| 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 DEC 1 | PCT. NORMAL SINCE DEC 1 | TOTAL IN, SINCE JAN 1 | PCT. NORMAL SINCE JAN 1 | AVERAGE MAXIMUM           | AVERAGE MINIMUM | TEMP. °F       |              | PRECIP           |                  |
|                     |                 |                 |              |             |         |                       |                  |                       |                          |                       |                         |                       |                         |                           |                 | 90 AND ABOVE   | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL BIRMINGHAM       | 57              | 31              | 69           | 23          | 44      | -1                    | 0.06             | -0.92                 | 0.06                     | 11.88                 | 99                      | 4.73                  | 63                      | 80                        | 35              | 0              | 5            | 1                | 0                |
| AL HUNTSVILLE       | 54              | 30              | 67           | 21          | 42      | -1                    | 0.03             | -1.10                 | 0.03                     | 10.25                 | 77                      | 4.52                  | 58                      | 77                        | 53              | 0              | 5            | 1                | 0                |
| AL MOBILE           | 65              | 36              | 74           | 27          | 51      | -1                    | 0.00             | -1.19                 | 0.00                     | 10.12                 | 79                      | 4.85                  | 59                      | 87                        | 49              | 0              | 3            | 0                | 0                |
| AL MONTGOMERY       | 63              | 33              | 73           | 25          | 48      | -1                    | 0.14             | -1.15                 | 0.14                     | 9.05                  | 72                      | 4.16                  | 55                      | 77                        | 33              | 0              | 4            | 1                | 0                |
| AK ANCHORAGE        | 26              | 17              | 33           | 4           | 22      | 4                     | 0.13             | -0.04                 | 0.13                     | 1.17                  | 57                      | 0.49                  | 49                      | 69                        | 58              | 0              | 7            | 1                | 0                |
| AK BARROW           | -17             | -27             | -13          | -29         | -22     | -6                    | 0.00             | -0.03                 | 0.00                     | 0.54                  | 180                     | 0.34                  | 189                     | 80                        | 70              | 0              | 7            | 0                | 0                |
| AK FAIRBANKS        | 2               | -21             | 12           | -39         | -9      | -3                    | 0.00             | -0.08                 | 0.00                     | 1.08                  | 73                      | 0.15                  | 21                      | 73                        | 68              | 0              | 7            | 0                | 0                |
| AK JUNEAU           | 34              | 26              | 46           | 10          | 30      | 2                     | 1.63             | 0.64                  | 0.64                     | 17.00                 | 139                     | 13.71                 | 202                     | 96                        | 90              | 0              | 4            | 6                | 1                |
| AK KODIAK           | 40              | 31              | 42           | 17          | 36      | 6                     | 2.89             | 1.39                  | 1.27                     | 26.96                 | 142                     | 13.17                 | 116                     | 97                        | 88              | 0              | 3            | 7                | 2                |
| AK NOME             | 15              | 0               | 21           | -12         | 8       | 3                     | 0.00             | -0.19                 | 0.00                     | 1.25                  | 54                      | 0.71                  | 54                      | 69                        | 58              | 0              | 7            | 0                | 0                |
| AZ FLAGSTAFF        | 60              | 26              | 66           | 22          | 43      | 11                    | 0.00             | -0.59                 | 0.00                     | 5.63                  | 109                     | 2.19                  | 66                      | 78                        | 22              | 0              | 7            | 0                | 0                |
| AZ PHOENIX          | 81              | 55              | 83           | 54          | 68      | 11                    | 0.00             | -0.15                 | 0.00                     | 1.72                  | 85                      | 0.81                  | 73                      | 55                        | 28              | 0              | 0            | 0                | 0                |
| AZ PRESCOTT         | 69              | 33              | 72           | 30          | 51      | 12                    | 0.00             | -0.43                 | 0.00                     | 4.08                  | 111                     | 2.15                  | 90                      | 67                        | 17              | 0              | 4            | 0                | 0                |
| AZ TUCSON           | 78              | 49              | 84           | 45          | 64      | 10                    | 0.00             | -0.19                 | 0.00                     | 4.73                  | 196                     | 2.56                  | 186                     | 53                        | 31              | 0              | 0            | 0                | 0                |
| AR FORT SMITH       | 63              | 34              | 73           | 28          | 48      | 6                     | 0.00             | -0.57                 | 0.00                     | 5.19                  | 76                      | 2.88                  | 83                      | 78                        | 31              | 0              | 3            | 0                | 0                |
| AR LITTLE ROCK      | 60              | 35              | 75           | 27          | 48      | 5                     | 0.00             | -0.79                 | 0.00                     | 6.68                  | 68                      | 3.52                  | 68                      | 75                        | 31              | 0              | 3            | 0                | 0                |
| CA BAKERSFIELD      | 74              | 47              | 82           | 43          | 61      | 9                     | 0.00             | -0.28                 | 0.00                     | 2.78                  | 112                     | 0.76                  | 44                      | 86                        | 64              | 0              | 0            | 0                | 0                |
| CA FRESNO           | 70              | 48              | 75           | 43          | 59      | 9                     | 0.01             | -0.49                 | 0.01                     | 2.97                  | 66                      | 0.68                  | 22                      | 93                        | 77              | 0              | 0            | 1                | 0                |
| CA LOS ANGELES      | 78              | 56              | 84           | 51          | 67      | 9                     | 0.00             | -0.77                 | 0.00                     | 5.29                  | 84                      | 1.25                  | 28                      | 70                        | 41              | 0              | 0            | 0                | 0                |
| CA REDDING          | 69              | 45              | 78           | 40          | 57      | 9                     | 1.33             | -0.06                 | 0.69                     | 14.03                 | 100                     | 3.64                  | 39                      | 87                        | 70              | 0              | 0            | 2                | 2                |
| CA SACRAMENTO       | 68              | 46              | 74           | 39          | 57      | 7                     | 1.41             | 0.50                  | 1.34                     | 11.42                 | 140                     | 2.82                  | 50                      | 95                        | 53              | 0              | 0            | 2                | 1                |
| CA SAN DIEGO        | 78              | 57              | 86           | 53          | 67      | 8                     | 0.00             | -0.50                 | 0.00                     | 4.92                  | 107                     | 0.42                  | 13                      | 63                        | 40              | 0              | 0            | 0                | 0                |
| CA SAN FRANCISCO    | 68              | 52              | 73           | 48          | 60      | 8                     | 1.23             | 0.20                  | 1.15                     | 12.69                 | 134                     | 2.03                  | 31                      | 99                        | 80              | 0              | 0            | 2                | 1                |
| CA STOCKTON         | 70              | 45              | 75           | 39          | 58      | 8                     | 0.66             | 0.05                  | 0.62                     | 7.54                  | 130                     | 1.45                  | 37                      | 93                        | 79              | 0              | 0            | 2                | 1                |
| CO ALAMOSA          | 56              | 15              | 59           | 10          | 35      | 15                    | 0.07             | 0.04                  | 0.07                     | 0.61                  | 95                      | 0.40                  | 129                     | 85                        | 44              | 0              | 7            | 1                | 0                |
| CO CO SPRINGS       | 59              | 31              | 66           | 23          | 45      | 14                    | 0.40             | 0.36                  | 0.29                     | 1.43                  | 186                     | 1.27                  | 363                     | 74                        | 25              | 0              | 5            | 2                | 0                |
| CO DENVER INTL      | 63              | 31              | 70           | 28          | 47      | 17                    | 0.00             | 0.00                  | 0.00                     | 1.16                  | 215                     | 0.58                  | 252                     | 73                        | 22              | 0              | 6            | 0                | 0                |
| CO GRAND JUNCTION   | 60              | 29              | 63           | 27          | 45      | 13                    | 0.00             | -0.08                 | 0.00                     | 1.78                  | 138                     | 0.73                  | 95                      | 73                        | 37              | 0              | 6            | 0                | 0                |
| CO PUEBLO           | 65              | 28              | 74           | 24          | 46      | 13                    | 0.20             | 0.17                  | 0.15                     | 0.69                  | 88                      | 0.45                  | 115                     | 74                        | 39              | 0              | 6            | 2                | 0                |
| CT BRIDGEPORT       | 31              | 16              | 36           | 3           | 23      | -8                    | 0.22             | -0.48                 | 0.15                     | 11.00                 | 127                     | 5.35                  | 103                     | 80                        | 62              | 0              | 7            | 4                | 0                |
| CT HARTFORD         | 26              | 9               | 33           | -5          | 17      | -10                   | 0.87             | 0.15                  | 0.34                     | 9.77                  | 109                     | 5.22                  | 98                      | 72                        | 57              | 0              | 7            | 4                | 0                |
| DC WASHINGTON       | 46              | 26              | 68           | 15          | 36      | -1                    | 0.10             | -0.51                 | 0.08                     | 7.48                  | 100                     | 3.98                  | 90                      | 66                        | 39              | 0              | 5            | 2                | 0                |
| DE WILMINGTON       | 39              | 22              | 53           | 10          | 30      | -3                    | 0.15             | -0.48                 | 0.14                     | 8.45                  | 104                     | 5.44                  | 115                     | 85                        | 44              | 0              | 7            | 2                | 0                |
| FL DAYTONA BEACH    | 67              | 45              | 74           | 37          | 56      | -3                    | 0.35             | -0.28                 | 0.35                     | 6.38                  | 89                      | 3.58                  | 80                      | 93                        | 46              | 0              | 0            | 1                | 0                |
| FL JACKSONVILLE     | 64              | 38              | 73           | 29          | 51      | -4                    | 0.13             | -0.65                 | 0.13                     | 8.56                  | 108                     | 4.82                  | 91                      | 98                        | 45              | 0              | 2            | 1                | 0                |
| FL KEY WEST         | 71              | 62              | 77           | 57          | 67      | -3                    | 0.37             | -0.01                 | 0.37                     | 4.28                  | 83                      | 2.03                  | 67                      | 86                        | 65              | 0              | 0            | 1                | 0                |
| FL MIAMI            | 75              | 56              | 79           | 48          | 66      | -3                    | 0.04             | -0.48                 | 0.04                     | 2.94                  | 58                      | 1.62                  | 56                      | 87                        | 42              | 0              | 0            | 1                | 0                |
| FL ORLANDO          | 68              | 47              | 75           | 41          | 58      | -4                    | 0.69             | 0.16                  | 0.69                     | 7.45                  | 129                     | 5.86                  | 168                     | 90                        | 49              | 0              | 0            | 1                | 1                |
| FL PENSACOLA        | 65              | 40              | 76           | 30          | 52      | -2                    | 0.00             | -1.10                 | 0.00                     | 11.42                 | 99                      | 7.92                  | 104                     | 81                        | 38              | 0              | 1            | 0                | 0                |
| FL TALLAHASSEE      | 66              | 36              | 73           | 27          | 51      | -3                    | 0.02             | -1.04                 | 0.02                     | 15.68                 | 135                     | 6.90                  | 92                      | 86                        | 49              | 0              | 2            | 1                | 0                |
| FL TAMPA            | 66              | 49              | 73           | 42          | 57      | -5                    | 0.92             | 0.29                  | 0.92                     | 6.14                  | 106                     | 4.57                  | 131                     | 84                        | 45              | 0              | 0            | 1                | 1                |
| FL WEST PALM BEACH  | 74              | 53              | 79           | 45          | 64      | -3                    | 0.95             | 0.29                  | 0.94                     | 4.38                  | 53                      | 2.62                  | 50                      | 88                        | 48              | 0              | 0            | 2                | 1                |
| GA ATHENS           | 59              | 33              | 70           | 25          | 46      | 1                     | 0.52             | -0.53                 | 0.52                     | 8.86                  | 84                      | 4.17                  | 61                      | 69                        | 42              | 0              | 4            | 1                | 1                |
| GA ATLANTA          | 58              | 33              | 68           | 25          | 46      | 1                     | 0.34             | -0.79                 | 0.34                     | 11.14                 | 100                     | 5.63                  | 77                      | 67                        | 48              | 0              | 4            | 1                | 0                |
| GA AUGUSTA          | 61              | 30              | 70           | 21          | 46      | -1                    | 0.33             | -0.67                 | 0.33                     | 6.86                  | 71                      | 2.65                  | 41                      | 89                        | 39              | 0              | 5            | 1                | 0                |
| GA COLUMBUS         | 61              | 34              | 70           | 27          | 47      | -2                    | 0.11             | -0.94                 | 0.11                     | 9.01                  | 80                      | 4.39                  | 64                      | 82                        | 33              | 0              | 3            | 1                | 0                |
| GA MACON            | 61              | 32              | 69           | 23          | 47      | -1                    | 0.38             | -0.74                 | 0.38                     | 9.07                  | 81                      | 3.18                  | 44                      | 89                        | 38              | 0              | 5            | 1                | 0                |
| GA SAVANNAH         | 63              | 36              | 73           | 27          | 50      | -1                    | 0.24             | -0.50                 | 0.24                     | 9.18                  | 110                     | 5.16                  | 94                      | 86                        | 43              | 0              | 2            | 1                | 0                |
| HI HILO             | 84              | 65              | 89           | 62          | 74      | 3                     | 0.00             | -2.09                 | 0.00                     | 8.90                  | 36                      | 2.80                  | 20                      | 81                        | 67              | 0              | 0            | 0                | 0                |
| HI HONOLULU         | 81              | 69              | 83           | 60          | 75      | 2                     | 0.46             | -0.12                 | 0.34                     | 2.60                  | 39                      | 1.53                  | 39                      | 77                        | 64              | 0              | 0            | 6                | 0                |
| HI KAHULUI          | 82              | 65              | 83           | 56          | 73      | 1                     | 0.03             | -0.59                 | 0.02                     | 5.86                  | 72                      | 1.63                  | 32                      | 82                        | 72              | 0              | 0            | 2                | 0                |
| HI LIHUE            | 81              | 66              | 84           | 60          | 74      | 2                     | 0.40             | -0.41                 | 0.24                     | 3.24                  | 29                      | 1.84                  | 29                      | 76                        | 61              | 0              | 0            | 4                | 0                |
| ID BOISE            | 57              | 39              | 65           | 34          | 48      | 13                    | 0.40             | 0.12                  | 0.32                     | 5.30                  | 159                     | 1.96                  | 101                     | 86                        | 60              | 0              | 0            | 3                | 0                |
| ID LEWISTON         | 57              | 41              | 62           | 38          | 49      | 12                    | 0.54             | 0.32                  | 0.41                     | 3.74                  | 141                     | 1.90                  | 118                     | 91                        | 73              | 0              | 0            | 3                | 0                |
| ID POCATELLO        | 55              | 30              | 61           | 24          | 43      | 14                    | 0.17             | -0.05                 | 0.17                     | 1.74                  | 65                      | 0.97                  | 61                      | 92                        | 66              | 0              | 4            | 1                | 0                |
| IL CHICAGO/O'HARE   | 29              | 13              | 39           | 1           | 21      | -4                    | 0.01             | -0.38                 | 0.01                     | 3.20                  | 65                      | 2.41                  | 96                      | 78                        | 66              | 0              | 7            | 1                | 0                |
| IL MOLINE           | 30              | 11              | 42           | 3           | 21      | -4                    | 0.00             | -0.33                 | 0.00                     | 6.90                  | 156                     | 6.18                  | 277                     | 80                        | 65              | 0              | 7            | 0                | 0                |
| IL PEORIA           | 33              | 16              | 46           | 5           | 25      | -1                    | 0.00             | -0.36                 | 0.00                     | 4.69                  | 102                     | 3.46                  | 158                     | 80                        | 59              | 0              | 7            | 0                | 0                |
| IL ROCKFORD         | 29              | 9               | 36           | -1          | 19      | -4                    | 0.00             | -0.30                 | 0.00                     | 2.56                  | 63                      | 1.63                  | 81                      | 78                        | 64              | 0              | 7            | 0                | 0                |
| IL SPRINGFIELD      | 37              | 20              | 57           | 7           | 28      | -1                    | 0.00             | -0.37                 | 0.00                     | 3.83                  | 79                      | 1.88                  | 81                      | 82                        | 54              | 0              | 6            | 0                | 0                |
| IN EVANSVILLE       | 44              | 26              | 58           | 11          | 35      | 1                     | 0.00             | -0.72                 | 0.00                     | 7.07                  | 90                      | 3.64                  | 84                      | 72                        | 56              | 0              | 6            | 0                | 0                |
| IN FORT WAYNE       | 31              | 15              | 45           | 3           | 23      | -3                    | 0.10             | -0.35                 | 0.04                     | 5.13                  | 90                      | 3.41                  | 116                     | 88                        | 64              | 0              | 7            | 4                | 0                |
| IN INDIANAPOLIS     | 37              | 18              | 57           | 5           | 27      | -3                    | 0.01             | -0.54                 | 0.01                     | 4.73                  | 72                      | 2.18                  | 61                      | 82                        | 54              | 0              | 6            | 1                | 0                |
| IN SOUTH BEND       | 30              | 12              | 43           | 1           | 22      | -4                    | 0.14             | -0.33                 | 0.05                     | 8.54                  | 136                     | 7.07                  | 220                     | 84                        | 68              | 0              | 7            | 4                | 0                |
| IA BURLINGTON       | ***             | ***             | ***          | ***         | ***     | ***                   | ***              | ***                   | ***                      | 2.71                  | 70                      | 2.05                  | 116                     | ***                       | ***             | ***            | ***          | ***              | ***              |
| IA CEDAR RAPIDS     | 29              | 11              | 41           | 1           | 20      | -3                    | 0.00             | -0.25                 | 0.00                     | 1.73                  | 57                      | 1.08                  | 70                      | 91                        | 68              | 0              | 7            | 0                | 0                |
| IA DES MOINES       | 34              | 18              | 42           | 3           | 26      | 1                     | 0.00             | -0.28                 | 0.00                     | 2.79                  | 97                      | 1.75                  | 113                     | 74                        | 60              | 0              | 6            | 0                | 0                |
| IA DUBUQUE          | 27              | 8               | 36           | -3          | 17      | -4                    | 0.00             | -0.31                 | 0.00                     | 2.30                  | 64                      | 1.37                  | 72                      | 82                        | 69              | 0              | 7            | 0                | 0                |
| IA SIOUX CITY       | 37              | 20              | 47           | 5           | 29      | 6                     | 0.00             | -0.09                 | 0.00                     | 2.17                  | 152                     | 0.77                  | 100                     | 79                        | 67              | 0              | 7            | 0                | 0                |
| IA WATERLOO         | 28              | 11              | 37           | 0           | 20      | -1                    | 0.00             | -0.22                 | 0.00                     | 2.89                  | 121                     | 1.25                  | 98                      | 82                        | 69              | 0              | 7            | 0                | 0                |
| KS CONCORDIA        | 47              | 25              | 71           | 11          | 36      | 5                     | 0.00             | -0.09                 | 0.00                     | 2.07                  | 123                     | 1.33                  | 162                     | 82                        | 67              | 0              | 6            | 0                | 0                |
| KS DODGE CITY       | 61              | 29              | 73           | 21          | 45      | 11                    | 0.00             | -0.10                 | 0.00                     | 1.69                  | 107                     | 0.69                  | 85                      | 73                        | 28              | 0              | 6            | 0                | 0                |
| KS GOODLAND         | 61              | 28              | 69           | 20          | 45      | 14                    | 0.00             | -0.06                 | 0.00                     | 1.74                  | 185                     | 0.28                  | 52                      | 76                        | 42              | 0              | 5            | 0                | 0                |
| KS TOPEKA           | 47              | 24              | 69           | 12          | 36      | 5                     | 0.00             | -0.22                 | 0.00                     | 3.78                  | 135                     | 1.51                  | 110                     | 77                        | 52              | 0              | 6            | 0                | 0                |

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending February 14, 2015

| 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 DEC 1 | PCT. NORMAL SINCE DEC 1 | 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          | 56              | 28              | 74           | 22          | 42      | 8                     | 0.00             | -0.15                 | 0.00                     | 2.44                   | 100                     | 1.15                   | 105                     | 80              | 56                        | 0            | 5              | 0                | 0                |  |
| JACKSON             | 41              | 23              | 60           | 8           | 32      | -4                    | 0.22             | -0.63                 | 0.13                     | 5.40                   | 57                      | 2.91                   | 56                      | 89              | 56                        | 0            | 6              | 4                | 0                |  |
| LEXINGTON           | 41              | 22              | 56           | 8           | 32      | -3                    | 0.06             | -0.67                 | 0.04                     | 5.81                   | 66                      | 2.51                   | 53                      | 83              | 63                        | 0            | 6              | 3                | 0                |  |
| LOUISVILLE          | 45              | 26              | 59           | 12          | 35      | -1                    | 0.01             | -0.72                 | 0.01                     | 4.92                   | 58                      | 1.35                   | 29                      | 75              | 44                        | 0            | 6              | 1                | 0                |  |
| PADUCAH             | 46              | 26              | 60           | 15          | 36      | 0                     | 0.00             | -0.97                 | 0.00                     | 6.34                   | 65                      | 3.45                   | 65                      | 82              | 48                        | 0            | 6              | 0                | 0                |  |
| LA BATON ROUGE      | 71              | 41              | 79           | 31          | 56      | 4                     | 0.00             | -1.33                 | 0.00                     | 12.82                  | 90                      | 7.15                   | 80                      | 87              | 31                        | 0            | 1              | 0                | 0                |  |
| LAKE CHARLES        | 71              | 45              | 80           | 35          | 58      | 5                     | 0.00             | -0.87                 | 0.00                     | 9.31                   | 77                      | 7.28                   | 98                      | 94              | 41                        | 0            | 0              | 0                | 0                |  |
| NEW ORLEANS         | 67              | 45              | 76           | 37          | 56      | 2                     | 0.05             | -1.39                 | 0.05                     | 10.74                  | 77                      | 6.78                   | 77                      | 79              | 56                        | 0            | 0              | 1                | 0                |  |
| SHREVEPORT          | 68              | 41              | 76           | 30          | 54      | 4                     | 0.00             | -1.06                 | 0.00                     | 11.58                  | 103                     | 7.83                   | 116                     | 82              | 36                        | 0            | 1              | 0                | 0                |  |
| ME CARIBOU          | 7               | -10             | 12           | -19         | -2      | -13                   | 0.03             | -0.47                 | 0.02                     | 9.02                   | 125                     | 3.14                   | 78                      | 77              | 50                        | 0            | 7              | 2                | 0                |  |
| PORTLAND            | 20              | 4               | 30           | -8          | 12      | -11                   | 1.06             | 0.29                  | 0.39                     | 12.82                  | 129                     | 6.55                   | 115                     | 75              | 51                        | 0            | 7              | 5                | 0                |  |
| MD BALTIMORE        | 41              | 22              | 55           | 11          | 31      | -3                    | 0.36             | -0.33                 | 0.21                     | 8.19                   | 100                     | 4.61                   | 95                      | 75              | 50                        | 0            | 7              | 3                | 0                |  |
| MA BOSTON           | 27              | 12              | 30           | 3           | 19      | -11                   | 1.53             | 0.71                  | 0.88                     | 12.64                  | 136                     | 6.08                   | 109                     | 83              | 63                        | 0            | 7              | 5                | 1                |  |
| WORCESTER           | 22              | 7               | 30           | -3          | 14      | -11                   | 1.25             | 0.51                  | 0.53                     | 11.51                  | 124                     | 6.01                   | 120                     | 85              | 58                        | 0            | 7              | 4                | 1                |  |
| MI ALPENA           | 19              | -2              | 28           | -16         | 9       | -9                    | 0.11             | -0.19                 | 0.04                     | 3.22                   | 76                      | 1.53                   | 64                      | 85              | 67                        | 0            | 7              | 5                | 0                |  |
| GRAND RAPIDS        | 27              | 12              | 37           | 1           | 20      | -4                    | 0.09             | -0.28                 | 0.05                     | 4.10                   | 74                      | 2.53                   | 90                      | 82              | 59                        | 0            | 7              | 3                | 0                |  |
| HOUGHTON LAKE       | 21              | -2              | 27           | -13         | 10      | -9                    | 0.07             | -0.22                 | 0.03                     | 2.85                   | 72                      | 1.42                   | 64                      | 83              | 64                        | 0            | 7              | 3                | 0                |  |
| LANSING             | 26              | 6               | 37           | -3          | 16      | -7                    | 0.05             | -0.31                 | 0.03                     | 3.51                   | 78                      | 1.95                   | 84                      | 83              | 66                        | 0            | 7              | 2                | 0                |  |
| MUSKEGON            | 29              | 14              | 38           | 4           | 21      | -3                    | 0.17             | -0.22                 | 0.06                     | 4.23                   | 75                      | 2.51                   | 83                      | 77              | 62                        | 0            | 7              | 4                | 0                |  |
| TRAVERSE CITY       | 24              | 6               | 32           | -4          | 15      | -6                    | 0.06             | -0.43                 | 0.04                     | 3.97                   | 59                      | 2.15                   | 53                      | 87              | 57                        | 0            | 7              | 3                | 0                |  |
| MN DULUTH           | 18              | 4               | 27           | -12         | 11      | -2                    | 0.25             | 0.05                  | 0.23                     | 1.99                   | 80                      | 0.73                   | 47                      | 77              | 62                        | 0            | 7              | 2                | 0                |  |
| INT'L FALLS         | 13              | -4              | 24           | -28         | 5       | -4                    | 0.27             | 0.11                  | 0.27                     | 2.59                   | 138                     | 1.74                   | 147                     | 80              | 65                        | 0            | 7              | 1                | 0                |  |
| MINNEAPOLIS         | 25              | 9               | 33           | -3          | 17      | -1                    | 0.14             | -0.03                 | 0.13                     | 1.43                   | 60                      | 0.57                   | 41                      | 73              | 62                        | 0            | 7              | 2                | 0                |  |
| ROCHESTER           | 25              | 6               | 34           | -6          | 15      | -1                    | 0.11             | -0.06                 | 0.09                     | 2.17                   | 94                      | 1.15                   | 89                      | 82              | 70                        | 0            | 7              | 2                | 0                |  |
| ST. CLOUD           | 23              | 7               | 33           | -8          | 15      | 1                     | 0.20             | 0.06                  | 0.20                     | 1.25                   | 72                      | 0.50                   | 48                      | 82              | 58                        | 0            | 7              | 1                | 0                |  |
| MS JACKSON          | 63              | 35              | 74           | 27          | 49      | 1                     | 0.01             | -1.11                 | 0.01                     | 9.22                   | 69                      | 5.29                   | 66                      | 83              | 32                        | 0            | 4              | 1                | 0                |  |
| MERIDIAN            | 63              | 32              | 72           | 25          | 47      | -2                    | 0.02             | -1.25                 | 0.02                     | 15.78                  | 114                     | 7.10                   | 84                      | 90              | 46                        | 0            | 5              | 1                | 0                |  |
| TUPELO              | 56              | 30              | 68           | 24          | 43      | 0                     | 0.00             | -1.07                 | 0.00                     | 9.73                   | 73                      | 4.65                   | 64                      | 77              | 48                        | 0            | 5              | 0                | 0                |  |
| MO COLUMBIA         | 43              | 22              | 64           | 12          | 33      | 1                     | 0.06             | -0.44                 | 0.06                     | 4.09                   | 79                      | 1.91                   | 71                      | 81              | 51                        | 0            | 6              | 1                | 0                |  |
| KANSAS CITY         | 44              | 24              | 62           | 10          | 34      | 3                     | 0.00             | -0.26                 | 0.00                     | 3.42                   | 104                     | 1.59                   | 97                      | 80              | 48                        | 0            | 6              | 0                | 0                |  |
| SAINT LOUIS         | 44              | 25              | 68           | 12          | 34      | 1                     | 0.01             | -0.49                 | 0.01                     | 4.66                   | 78                      | 1.94                   | 62                      | 68              | 55                        | 0            | 6              | 1                | 0                |  |
| SPRINGFIELD         | 50              | 28              | 70           | 19          | 39      | 4                     | 0.00             | -0.52                 | 0.00                     | 2.93                   | 46                      | 1.16                   | 37                      | 76              | 53                        | 0            | 5              | 0                | 0                |  |
| MT BILLINGS         | 57              | 32              | 66           | 25          | 45      | 17                    | 0.01             | -0.10                 | 0.01                     | 1.87                   | 108                     | 1.20                   | 113                     | 73              | 44                        | 0            | 4              | 1                | 0                |  |
| BUTTE               | 51              | 29              | 56           | 24          | 40      | 19                    | 0.05             | -0.03                 | 0.05                     | 0.80                   | 65                      | 0.24                   | 34                      | 85              | 38                        | 0            | 4              | 1                | 0                |  |
| CUT BANK            | 46              | 27              | 61           | 16          | 37      | 14                    | 0.05             | -0.01                 | 0.03                     | 1.01                   | 122                     | 0.69                   | 138                     | 90              | 55                        | 0            | 5              | 3                | 0                |  |
| GLASGOW             | 36              | 17              | 49           | 8           | 26      | 9                     | 0.02             | -0.04                 | 0.02                     | 1.18                   | 142                     | 1.07                   | 233                     | 81              | 72                        | 0            | 7              | 1                | 0                |  |
| GREAT FALLS         | 51              | 30              | 64           | 19          | 41      | 16                    | 0.11             | 0.02                  | 0.09                     | 2.23                   | 145                     | 1.13                   | 130                     | 85              | 48                        | 0            | 3              | 2                | 0                |  |
| HAVRE               | 41              | 25              | 57           | 15          | 33      | 13                    | 0.09             | 0.03                  | 0.07                     | 1.95                   | 179                     | 1.61                   | 278                     | 88              | 75                        | 0            | 6              | 2                | 0                |  |
| MISSOULA            | 50              | 31              | 54           | 29          | 41      | 14                    | 0.44             | 0.27                  | 0.23                     | 3.23                   | 126                     | 1.97                   | 140                     | 96              | 83                        | 0            | 5              | 3                | 0                |  |
| NE GRAND ISLAND     | 46              | 23              | 64           | 8           | 35      | 8                     | 0.00             | -0.10                 | 0.00                     | 1.44                   | 104                     | 0.68                   | 93                      | 83              | 66                        | 0            | 6              | 0                | 0                |  |
| LINCOLN             | 41              | 22              | 57           | 7           | 32      | 6                     | 0.00             | -0.09                 | 0.00                     | 2.35                   | 138                     | 1.13                   | 135                     | 81              | 67                        | 0            | 6              | 0                | 0                |  |
| NORFOLK             | 42              | 20              | 57           | 4           | 31      | 6                     | 0.00             | -0.14                 | 0.00                     | 1.87                   | 127                     | 0.67                   | 82                      | 84              | 67                        | 0            | 7              | 0                | 0                |  |
| NORTH PLATTE        | 54              | 24              | 67           | 19          | 39      | 11                    | 0.00             | -0.08                 | 0.00                     | 1.71                   | 182                     | 0.67                   | 124                     | 86              | 36                        | 0            | 7              | 0                | 0                |  |
| OMAHA               | 38              | 21              | 49           | 7           | 29      | 3                     | 0.00             | -0.14                 | 0.00                     | 2.90                   | 147                     | 1.22                   | 116                     | 80              | 66                        | 0            | 7              | 0                | 0                |  |
| SCOTTSBLUFF         | 61              | 28              | 71           | 25          | 45      | 16                    | 0.00             | -0.11                 | 0.00                     | 2.20                   | 167                     | 0.73                   | 96                      | 85              | 55                        | 0            | 6              | 0                | 0                |  |
| VALENTINE           | 51              | 22              | 63           | 8           | 36      | 11                    | 0.00             | -0.08                 | 0.00                     | 1.31                   | 170                     | 0.41                   | 93                      | 85              | 53                        | 0            | 7              | 0                | 0                |  |
| NV ELY              | 60              | 24              | 66           | 16          | 42      | 13                    | 0.00             | -0.16                 | 0.00                     | 1.04                   | 68                      | 0.31                   | 30                      | 74              | 40                        | 0            | 7              | 0                | 0                |  |
| LAS VEGAS           | 76              | 53              | 78           | 50          | 65      | 14                    | 0.00             | -0.15                 | 0.00                     | 1.17                   | 91                      | 0.87                   | 99                      | 39              | 24                        | 0            | 0              | 0                | 0                |  |
| RENO                | 62              | 35              | 72           | 28          | 48      | 11                    | 0.86             | 0.61                  | 0.70                     | 2.20                   | 90                      | 1.27                   | 81                      | 84              | 58                        | 0            | 2              | 2                | 1                |  |
| WINNEMUCCA          | 59              | 29              | 66           | 24          | 44      | 9                     | 0.27             | 0.13                  | 0.24                     | 2.10                   | 109                     | 0.94                   | 85                      | 87              | 61                        | 0            | 6              | 2                | 0                |  |
| NH CONCORD          | 22              | 3               | 36           | -7          | 13      | -9                    | 1.18             | 0.61                  | 0.48                     | 10.51                  | 148                     | 5.35                   | 129                     | 81              | 55                        | 0            | 7              | 4                | 0                |  |
| NJ NEWARK           | 33              | 19              | 40           | 7           | 26      | -6                    | 0.11             | -0.59                 | 0.07                     | 10.61                  | 117                     | 5.70                   | 104                     | 75              | 64                        | 0            | 7              | 2                | 0                |  |
| NM ALBUQUERQUE      | 63              | 35              | 70           | 30          | 49      | 9                     | 0.00             | -0.08                 | 0.00                     | 1.84                   | 160                     | 0.70                   | 106                     | 65              | 28                        | 0            | 3              | 0                | 0                |  |
| NY ALBANY           | 24              | 7               | 33           | -4          | 15      | -8                    | 0.85             | 0.33                  | 0.44                     | 9.41                   | 152                     | 4.04                   | 114                     | 77              | 55                        | 0            | 7              | 4                | 0                |  |
| BINGHAMTON          | 25              | 10              | 39           | -2          | 18      | -4                    | 0.86             | 0.25                  | 0.32                     | 12.53                  | 184                     | 9.23                   | 244                     | 90              | 70                        | 0            | 7              | 6                | 0                |  |
| BUFFALO             | 23              | 6               | 31           | -5          | 15      | -10                   | 0.83             | 0.23                  | 0.33                     | 6.74                   | 82                      | 4.59                   | 105                     | 86              | 72                        | 0            | 7              | 6                | 0                |  |
| ROCHESTER           | 23              | 8               | 32           | -2          | 16      | -8                    | 0.56             | 0.06                  | 0.26                     | 5.38                   | 89                      | 3.07                   | 92                      | 84              | 74                        | 0            | 7              | 6                | 0                |  |
| SYRACUSE            | 20              | 1               | 28           | -13         | 11      | -12                   | 0.98             | 0.47                  | 0.40                     | 6.43                   | 95                      | 3.41                   | 93                      | 99              | 78                        | 0            | 7              | 5                | 0                |  |
| NC ASHEVILLE        | 52              | 26              | 69           | 19          | 39      | 1                     | 0.29             | -0.62                 | 0.29                     | 6.46                   | 69                      | 4.06                   | 69                      | 77              | 52                        | 0            | 6              | 1                | 0                |  |
| CHARLOTTE           | 56              | 33              | 70           | 21          | 44      | 0                     | 1.00             | 0.17                  | 0.93                     | 7.17                   | 81                      | 4.60                   | 81                      | 70              | 32                        | 0            | 4              | 2                | 1                |  |
| GREENSBORO          | 53              | 30              | 72           | 19          | 41      | 1                     | 0.59             | -0.15                 | 0.43                     | 5.22                   | 64                      | 3.01                   | 60                      | 73              | 37                        | 0            | 4              | 2                | 0                |  |
| HATTERAS            | 51              | 32              | 64           | 15          | 42      | -4                    | 0.75             | -0.22                 | 0.74                     | 10.36                  | 83                      | 7.91                   | 100                     | 89              | 63                        | 0            | 4              | 2                | 1                |  |
| RALEIGH             | 53              | 32              | 72           | 22          | 42      | 0                     | 0.57             | -0.26                 | 0.41                     | 9.27                   | 106                     | 4.31                   | 75                      | 68              | 43                        | 0            | 4              | 2                | 0                |  |
| WILMINGTON          | 57              | 35              | 72           | 21          | 46      | -2                    | 0.08             | -0.81                 | 0.08                     | 11.14                  | 110                     | 6.16                   | 97                      | 90              | 40                        | 0            | 4              | 1                | 0                |  |
| ND BISMARCK         | 26              | 6               | 38           | -5          | 16      | 0                     | 0.12             | 0.01                  | 0.05                     | 1.17                   | 105                     | 1.06                   | 158                     | 87              | 77                        | 0            | 7              | 4                | 0                |  |
| DICKINSON           | 36              | 14              | 55           | 1           | 25      | 6                     | 0.07             | -0.04                 | 0.06                     | 0.64                   | 69                      | 0.57                   | 97                      | 89              | 64                        | 0            | 7              | 2                | 0                |  |
| FARGO               | 20              | 2               | 32           | -17         | 11      | -1                    | 0.32             | 0.21                  | 0.32                     | 1.01                   | 64                      | 0.76                   | 76                      | 81              | 69                        | 0            | 7              | 1                | 0                |  |
| GRAND FORKS         | 14              | -3              | 27           | -21         | 6       | -5                    | 0.23             | 0.09                  | 0.23                     | 0.89                   | 59                      | 0.67                   | 70                      | 86              | 67                        | 0            | 7              | 1                | 0                |  |
| JAMESTOWN           | 20              | 2               | 31           | -12         | 11      | -3                    | 0.07             | -0.04                 | 0.05                     | 0.40                   | 31                      | 0.37                   | 44                      | 86              | 69                        | 0            | 7              | 3                | 0                |  |
| WILLISTON           | 28              | 8               | 39           | -3          | 18      | 3                     | 0.16             | 0.08                  | 0.08                     | 0.83                   | 65                      | 0.80                   | 113                     | 83              | 73                        | 0            | 7              | 3                | 0                |  |
| OH AKRON-CANTON     | 33              | 13              | 48           | -1          | 23      | -4                    | 0.29             | -0.23                 | 0.13                     | 7.17                   | 110                     | 4.86                   | 137                     | 80              | 64                        | 0            | 6              | 5                | 0                |  |
| CINCINNATI          | 41              | 23              | 59           | 10          | 32      | 0                     | 0.02             | -0.62                 | 0.01                     | 6.31                   | 84                      | 2.71                   | 65                      | 80              | 58                        | 0            | 6              | 2                | 0                |  |
| CLEVELAND           | 29              | 9               | 47           | -2          | 19      | -8                    | 0.15             | -0.40                 | 0.11                     | 6.91                   | 103                     | 4.96                   | 139                     | 83              | 63                        | 0            | 7              | 3                | 0                |  |
| COLUMBUS            | 37              | 16              | 56           | 4           | 27      | -3                    | 0.22             | -0.30                 | 0.12                     | 6.49                   | 100                     | 3.79                   | 106                     | 89              | 63                        | 0            | 6              | 4                | 0                |  |
| DAYTON              | 37              | 20              | 58           | 6           | 29      | 0                     | 0.09             | -0.46                 | 0.07                     | 6.34                   | 94                      | 3.55                   | 96                      | 85              | 62                        | 0            | 6              | 3                | 0                |  |
| MANSFIELD           | 31              | 11              | 48           | -1          | 21      | -5                    | 0.35             | -0.17                 | 0.20                     | 6.48                   | 93                      | 4.62                   | 125                     | 92              | 65                        | 0            | 7              | 3                | 0                |  |

Based on 1971-2000 normals

\*\*\* Not Available

Weather Data for the Week Ending February 14, 2015

| 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 DEC 1 | PCT. NORMAL SINCE DEC 1 | TOTAL IN., SINCE JAN 01 | PCT. NORMAL SINCE JAN 01 | AVERAGE MAXIMUM           | AVERAGE MINIMUM | 90 AND ABOVE   | 32 AND BELOW | TEMP. °F        |                 | PRECIP |
|                     |                 |                 |              |             |         |                       |                   |                       |                          |                        |                         |                         |                          |                           |                 |                |              | 01 INCH OR MORE | 50 INCH OR MORE |        |
| OK TOLEDO           | 30              | 10              | 46           | -7          | 20      | -5                    | 0.08              | -0.37                 | 0.04                     | 4.14                   | 76                      | 3.05                    | 108                      | 85                        | 69              | 0              | 7            | 3               | 0               |        |
| OK YOUNGSTOWN       | 30              | 10              | 47           | -4          | 20      | -6                    | 0.34              | -0.13                 | 0.16                     | 7.00                   | 112                     | 4.68                    | 142                      | 88                        | 67              | 0              | 7            | 5               | 0               |        |
| OK OKLAHOMA CITY    | 67              | 36              | 80           | 28          | 51      | 11                    | 0.00              | -0.28                 | 0.00                     | 2.54                   | 69                      | 1.84                    | 103                      | 70                        | 30              | 0              | 2            | 0               | 0               |        |
| OR TULSA            | 61              | 30              | 79           | 22          | 46      | 6                     | 0.00              | -0.39                 | 0.00                     | 3.04                   | 64                      | 1.07                    | 46                       | 85                        | 51              | 0              | 5            | 0               | 0               |        |
| OR ASTORIA          | 57              | 45              | 61           | 41          | 51      | 7                     | 0.91              | -1.11                 | 0.57                     | 25.21                  | 104                     | 14.64                   | 107                      | 92                        | 84              | 0              | 0            | 4               | 1               |        |
| OR BURNS            | 55              | 25              | 62           | 1           | 40      | 11                    | 0.03              | -0.22                 | 0.03                     | 3.35                   | 112                     | 1.06                    | 63                       | 85                        | 66              | 0              | 7            | 1               | 0               |        |
| OR EUGENE           | 56              | 43              | 59           | 39          | 49      | 7                     | 1.11              | -0.52                 | 0.76                     | 13.29                  | 69                      | 6.22                    | 57                       | 95                        | 87              | 0              | 0            | 3               | 1               |        |
| OR MEDFORD          | 59              | 37              | 65           | 33          | 48      | 5                     | 0.08              | -0.44                 | 0.08                     | 6.24                   | 97                      | 3.93                    | 111                      | 93                        | 62              | 0              | 0            | 1               | 0               |        |
| OR PENDLETON        | 57              | 38              | 61           | 33          | 48      | 11                    | 0.30              | 0.00                  | 0.29                     | 4.28                   | 121                     | 1.48                    | 72                       | 90                        | 72              | 0              | 0            | 2               | 0               |        |
| OR PORTLAND         | 57              | 42              | 63           | 36          | 50      | 8                     | 0.45              | -0.62                 | 0.36                     | 12.66                  | 98                      | 6.61                    | 91                       | 97                        | 87              | 0              | 0            | 2               | 0               |        |
| OR SALEM            | 55              | 42              | 61           | 37          | 49      | 7                     | 1.09              | -0.22                 | 0.75                     | 14.26                  | 95                      | 7.39                    | 87                       | 95                        | 89              | 0              | 0            | 3               | 1               |        |
| PA ALLENTOWN        | 33              | 15              | 39           | 3           | 24      | -5                    | 0.29              | -0.38                 | 0.14                     | 7.57                   | 92                      | 3.92                    | 80                       | 77                        | 57              | 0              | 7            | 3               | 0               |        |
| PA ERIE             | 28              | 10              | 45           | 0           | 19      | -8                    | 0.56              | 0.01                  | 0.32                     | 8.02                   | 109                     | 5.57                    | 155                      | 80                        | 72              | 0              | 7            | 5               | 0               |        |
| PA MIDDLETOWN       | 34              | 18              | 38           | 9           | 26      | -4                    | 0.15              | -0.55                 | 0.04                     | 6.29                   | 84                      | 3.03                    | 72                       | 85                        | 54              | 0              | 7            | 3               | 0               |        |
| PA PHILADELPHIA     | 38              | 23              | 51           | 10          | 30      | -3                    | 0.07              | -0.57                 | 0.04                     | 8.85                   | 108                     | 5.58                    | 115                      | 76                        | 49              | 0              | 6            | 2               | 0               |        |
| PA PITTSBURGH       | 36              | 14              | 53           | 1           | 25      | -4                    | 0.11              | -0.44                 | 0.05                     | 5.62                   | 84                      | 2.99                    | 78                       | 90                        | 57              | 0              | 6            | 5               | 0               |        |
| PA WILKES-BARRE     | 31              | 15              | 43           | 1           | 23      | -5                    | 0.36              | -0.16                 | 0.16                     | 5.60                   | 92                      | 2.82                    | 80                       | 79                        | 53              | 0              | 6            | 4               | 0               |        |
| PA WILLIAMSPORT     | 32              | 16              | 42           | 2           | 24      | -3                    | 0.38              | -0.27                 | 0.20                     | 5.22                   | 74                      | 2.62                    | 63                       | 76                        | 56              | 0              | 7            | 4               | 0               |        |
| RI PROVIDENCE       | 28              | 12              | 34           | -1          | 20      | -10                   | 0.89              | 0.04                  | 0.39                     | 11.64                  | 113                     | 5.39                    | 88                       | 77                        | 64              | 0              | 7            | 4               | 0               |        |
| SC BEAUFORT         | 62              | 37              | 71           | 27          | 50      | 0                     | 0.34              | -0.44                 | 0.34                     | 8.05                   | 91                      | 4.38                    | 76                       | 91                        | 39              | 0              | 2            | 1               | 0               |        |
| SC CHARLESTON       | 61              | 37              | 70           | 27          | 49      | 0                     | 0.12              | -0.63                 | 0.12                     | 7.91                   | 89                      | 4.51                    | 80                       | 89                        | 38              | 0              | 2            | 1               | 0               |        |
| SC COLUMBIA         | 60              | 34              | 71           | 25          | 47      | 1                     | 0.18              | -0.76                 | 0.18                     | 7.33                   | 73                      | 3.43                    | 52                       | 76                        | 40              | 0              | 3            | 1               | 0               |        |
| SD GREENVILLE       | 58              | 33              | 68           | 22          | 45      | 2                     | 0.46              | -0.52                 | 0.46                     | 8.83                   | 86                      | 5.20                    | 82                       | 73                        | 36              | 0              | 4            | 1               | 0               |        |
| SD ABERDEEN         | 28              | 8               | 37           | -4          | 18      | 2                     | 0.20              | 0.12                  | 0.07                     | 1.20                   | 117                     | 0.95                    | 146                      | 81                        | 73              | 0              | 7            | 3               | 0               |        |
| SD HURON            | 31              | 11              | 41           | -2          | 21      | 2                     | 0.04              | -0.05                 | 0.02                     | 1.09                   | 104                     | 0.39                    | 59                       | 85                        | 66              | 0              | 7            | 2               | 0               |        |
| SD RAPID CITY       | 53              | 23              | 64           | 14          | 38      | 12                    | 0.00              | -0.08                 | 0.00                     | 0.60                   | 66                      | 0.18                    | 35                       | 86                        | 48              | 0              | 6            | 0               | 0               |        |
| SD SIOUX FALLS      | 31              | 14              | 41           | 0           | 23      | 4                     | 0.08              | 0.00                  | 0.04                     | 2.27                   | 189                     | 0.94                    | 138                      | 81                        | 73              | 0              | 7            | 4               | 0               |        |
| TN BRISTOL          | 47              | 25              | 63           | 13          | 36      | 0                     | 0.33              | -0.47                 | 0.31                     | 6.13                   | 72                      | 3.10                    | 61                       | 84                        | 48              | 0              | 6            | 2               | 0               |        |
| TN CHATTANOOGA      | 55              | 30              | 66           | 23          | 43      | 1                     | 0.04              | -1.12                 | 0.02                     | 8.44                   | 67                      | 4.04                    | 52                       | 77                        | 51              | 0              | 4            | 2               | 0               |        |
| TN KNOXVILLE        | 49              | 28              | 63           | 19          | 39      | -1                    | 0.08              | -0.86                 | 0.08                     | 8.35                   | 76                      | 4.12                    | 64                       | 75                        | 46              | 0              | 5            | 1               | 0               |        |
| TN MEMPHIS          | 54              | 34              | 66           | 24          | 44      | 1                     | 0.00              | -1.02                 | 0.00                     | 4.62                   | 39                      | 2.02                    | 32                       | 70                        | 43              | 0              | 4            | 0               | 0               |        |
| TN NASHVILLE        | 50              | 27              | 62           | 16          | 39      | -1                    | 0.00              | -0.84                 | 0.00                     | 6.17                   | 61                      | 2.96                    | 52                       | 75                        | 44              | 0              | 5            | 0               | 0               |        |
| TX ABILENE          | 72              | 42              | 83           | 37          | 57      | 10                    | 0.00              | -0.25                 | 0.00                     | 2.29                   | 85                      | 1.77                    | 124                      | 66                        | 42              | 0              | 0            | 0               | 0               |        |
| TX AMARILLO         | 67              | 36              | 78           | 25          | 51      | 12                    | 0.00              | -0.11                 | 0.00                     | 1.74                   | 121                     | 1.61                    | 194                      | 66                        | 24              | 0              | 1            | 0               | 0               |        |
| TX AUSTIN           | 74              | 41              | 81           | 35          | 57      | 4                     | 0.00              | -0.45                 | 0.00                     | 7.70                   | 149                     | 5.59                    | 204                      | 79                        | 43              | 0              | 0            | 0               | 0               |        |
| TX BEAUMONT         | 73              | 47              | 82           | 40          | 60      | 6                     | 0.00              | -0.87                 | 0.00                     | 9.56                   | 74                      | 6.42                    | 84                       | 97                        | 38              | 0              | 0            | 0               | 0               |        |
| TX BROWNSVILLE      | 78              | 55              | 81           | 50          | 66      | 4                     | 0.00              | -0.33                 | 0.00                     | 5.46                   | 173                     | 4.03                    | 197                      | 95                        | 60              | 0              | 0            | 0               | 0               |        |
| TX CORPUS CHRISTI   | 77              | 52              | 83           | 47          | 65      | 7                     | 0.00              | -0.44                 | 0.00                     | 3.87                   | 92                      | 2.83                    | 115                      | 95                        | 59              | 0              | 0            | 0               | 0               |        |
| TX DEL RIO          | 76              | 47              | 85           | 41          | 61      | 6                     | 0.01              | -0.21                 | 0.01                     | 1.23                   | 71                      | 0.98                    | 100                      | 73                        | 48              | 0              | 0            | 1               | 0               |        |
| TX EL PASO          | 70              | 42              | 79           | 35          | 56      | 7                     | 0.00              | -0.08                 | 0.00                     | 0.97                   | 70                      | 0.85                    | 137                      | 58                        | 25              | 0              | 0            | 0               | 0               |        |
| TX FORT WORTH       | 70              | 43              | 78           | 35          | 56      | 8                     | 0.00              | -0.50                 | 0.00                     | 4.87                   | 91                      | 3.74                    | 133                      | 74                        | 34              | 0              | 0            | 0               | 0               |        |
| TX GALVESTON        | 68              | 55              | 79           | 51          | 61      | 4                     | 0.00              | -0.69                 | 0.00                     | 9.75                   | 107                     | 5.88                    | 106                      | 97                        | 61              | 0              | 0            | 0               | 0               |        |
| TX HOUSTON          | 74              | 46              | 83           | 39          | 60      | 6                     | 0.00              | -0.75                 | 0.00                     | 9.11                   | 102                     | 3.51                    | 67                       | 93                        | 51              | 0              | 0            | 0               | 0               |        |
| TX LUBBOCK          | 70              | 35              | 82           | 28          | 53      | 11                    | 0.00              | -0.17                 | 0.00                     | 2.00                   | 136                     | 1.61                    | 201                      | 70                        | 30              | 0              | 2            | 0               | 0               |        |
| TX MIDLAND          | 71              | 43              | 82           | 37          | 57      | 10                    | 0.00              | -0.13                 | 0.00                     | 2.65                   | 187                     | 2.43                    | 316                      | 67                        | 39              | 0              | 0            | 0               | 0               |        |
| TX SAN ANGELO       | 74              | 43              | 83           | 39          | 59      | 11                    | 0.00              | -0.28                 | 0.00                     | 2.39                   | 106                     | 2.03                    | 154                      | 72                        | 39              | 0              | 0            | 0               | 0               |        |
| TX SAN ANTONIO      | 75              | 49              | 84           | 46          | 62      | 9                     | 0.00              | -0.41                 | 0.00                     | 5.21                   | 118                     | 3.97                    | 161                      | 78                        | 42              | 0              | 0            | 0               | 0               |        |
| TX VICTORIA         | 76              | 49              | 83           | 43          | 63      | 8                     | 0.00              | -0.50                 | 0.00                     | 5.89                   | 99                      | 3.68                    | 107                      | 97                        | 56              | 0              | 0            | 0               | 0               |        |
| TX WACO             | 73              | 39              | 80           | 31          | 56      | 7                     | 0.00              | -0.56                 | 0.00                     | 4.02                   | 71                      | 3.48                    | 119                      | 90                        | 46              | 0              | 1            | 0               | 0               |        |
| TX WICHITA FALLS    | 71              | 38              | 82           | 31          | 55      | 11                    | 0.00              | -0.33                 | 0.00                     | 3.12                   | 92                      | 2.17                    | 126                      | 76                        | 43              | 0              | 2            | 0               | 0               |        |
| UT SALT LAKE CITY   | 58              | 37              | 64           | 32          | 48      | 15                    | 0.13              | -0.17                 | 0.10                     | 2.43                   | 76                      | 1.03                    | 52                       | 83                        | 38              | 0              | 2            | 3               | 0               |        |
| VT BURLINGTON       | 16              | -2              | 27           | -12         | 7       | -11                   | 0.32              | -0.09                 | 0.24                     | 6.63                   | 125                     | 2.78                    | 90                       | 78                        | 63              | 0              | 7            | 3               | 0               |        |
| VA LYNCHBURG        | 50              | 24              | 67           | 13          | 37      | 1                     | 0.05              | -0.69                 | 0.04                     | 5.23                   | 63                      | 2.11                    | 42                       | 72                        | 38              | 0              | 6            | 2               | 0               |        |
| VA NORFOLK          | 47              | 29              | 70           | 16          | 38      | -3                    | 0.37              | -0.43                 | 0.27                     | 8.02                   | 93                      | 4.32                    | 78                       | 76                        | 46              | 0              | 4            | 3               | 0               |        |
| VA RICHMOND         | 49              | 27              | 71           | 17          | 38      | 0                     | 0.59              | -0.10                 | 0.32                     | 7.69                   | 95                      | 4.55                    | 92                       | 74                        | 48              | 0              | 5            | 3               | 0               |        |
| VA ROANOKE          | 51              | 25              | 69           | 11          | 38      | 0                     | 0.11              | -0.63                 | 0.06                     | 4.12                   | 54                      | 1.58                    | 33                       | 63                        | 39              | 0              | 5            | 3               | 0               |        |
| WA WASH/DULLES      | 42              | 21              | 60           | 11          | 32      | -1                    | 0.14              | -0.52                 | 0.11                     | 6.86                   | 92                      | 3.60                    | 82                       | 71                        | 48              | 0              | 7            | 2               | 0               |        |
| WA OLYMPIA          | 58              | 42              | 64           | 39          | 50      | 10                    | 0.67              | -0.94                 | 0.33                     | 17.29                  | 92                      | 11.29                   | 104                      | 96                        | 89              | 0              | 0            | 4               | 0               |        |
| WA QUILLAYUTE       | 56              | 46              | 59           | 40          | 51      | 9                     | 1.39              | -1.76                 | 0.60                     | 32.62                  | 95                      | 18.41                   | 92                       | 98                        | 91              | 0              | 0            | 6               | 1               |        |
| WA SEATTLE-TACOMA   | 58              | 46              | 62           | 42          | 52      | 9                     | 0.48              | -0.60                 | 0.27                     | 12.26                  | 95                      | 7.47                    | 102                      | 91                        | 78              | 0              | 0            | 5               | 0               |        |
| WA SPOKANE          | 51              | 39              | 58           | 33          | 45      | 14                    | 0.09              | -0.27                 | 0.08                     | 4.92                   | 102                     | 2.95                    | 115                      | 97                        | 79              | 0              | 0            | 2               | 0               |        |
| WV YAKIMA           | 59              | 34              | 67           | 31          | 46      | 12                    | 0.03              | -0.16                 | 0.03                     | 2.10                   | 71                      | 1.18                    | 75                       | 89                        | 74              | 0              | 1            | 1               | 0               |        |
| WV BECKLEY          | 39              | 19              | 61           | 3           | 29      | -4                    | 0.36              | -0.33                 | 0.25                     | 6.32                   | 82                      | 3.33                    | 72                       | 78                        | 64              | 0              | 6            | 4               | 0               |        |
| WV CHARLESTON       | 41              | 19              | 65           | 8           | 30      | -5                    | 0.14              | -0.60                 | 0.06                     | 5.85                   | 73                      | 3.00                    | 63                       | 86                        | 54              | 0              | 7            | 4               | 0               |        |
| WV ELKINS           | 39              | 15              | 62           | -6          | 27      | -3                    | 0.38              | -0.37                 | 0.15                     | 7.84                   | 94                      | 4.23                    | 86                       | 96                        | 62              | 0              | 7            | 3               | 0               |        |
| WV HUNTINGTON       | 41              | 21              | 62           | 8           | 31      | -4                    | 0.16              | -0.56                 | 0.07                     | 6.20                   | 78                      | 2.89                    | 63                       | 89                        | 55              | 0              | 6            | 4               | 0               |        |
| WI EAU CLAIRE       | 22              | 5               | 30           | -10         | 14      | -3                    | 0.06              | -0.12                 | 0.06                     | 1.13                   | 46                      | 0.45                    | 31                       | 79                        | 54              | 0              | 7            | 1               | 0               |        |
| WI GREEN BAY        | 24              | 4               | 32           | -7          | 14      | -5                    | 0.22              | 0.00                  | 0.21                     | 2.49                   | 81                      | 0.81                    | 48                       | 85                        | 58              | 0              | 7            | 2               | 0               |        |
| WI LA CROSSE        | 28              | 8               | 35           | -6          | 18      | -3                    | 0.11              | -0.13                 | 0.09                     | 2.23                   | 76                      | 1.13                    | 66                       | 81                        | 56              | 0              | 7            | 3               | 0               |        |
| WI MADISON          | 27              | 5               | 34           | -3          | 16      | -5                    | 0.02              | -0.28                 | 0.01                     | 2.37                   | 67                      | 1.34                    | 72                       | 77                        | 62              | 0              | 7            | 2               | 0               |        |
| WI MILWAUKEE        | 28              | 13              | 37           | 0           | 21      | -3                    | 0.00              | -0.41                 | 0.00                     | 2.51                   | 51                      | 1.48                    | 55                       | 72                        | 59              | 0              | 7            | 0               | 0               |        |
| WY CASPER           | 57              | 28              | 62           | 23          | 43      | 18                    | 0.00              | -0.14                 | 0.00                     | 2.07                   | 142                     | 0.82                    | 98                       | 74                        | 38              | 0              | 6            | 0               | 0               |        |
| WY CHEYENNE         | 55              | 31              | 61           | 27          | 43      | 15                    | 0.00              | -0.08                 | 0.00                     | 0.89                   | 82                      | 0.22                    | 35                       | 62                        | 36              | 0              | 4            | 0               | 0               |        |
| WY LANDER           | 57              | 30              | 62           | 26          | 44      | 20                    | 0.06              | -0.05                 | 0.06                     | 2.19                   | 166                     | 0.37                    | 52                       | 74                        | 27              | 0              | 6            | 1               | 0               |        |
| WY SHERIDAN         | 57              | 27              | 64           | 23          | 42      | 17                    | 0.01              | -0.12                 | 0.01                     | 1.37                   | 80                      | 0.63                    | 61                       | 76                        | 48              | 0              | 7            | 1               | 0               |        |

Based on 1971-2000 normals

\*\*\* Not Available

## National Agricultural Summary

February 9 – 15, 2015

Weekly National Agricultural Summary provided by USDA/NASS

### HIGHLIGHTS

**Weather conditions were mostly dry across the U.S., with only limited locations—mostly on the Pacific Coast—receiving more than 2 inches of precipitation for the week. Temperatures were below normal across the eastern half of the**

**nation, averaging below freezing across the Corn Belt and Northeast. Temperatures were higher in the western U.S., with some locations in the northern Rocky Mountains averaging more than 15°F above normal.**

Recent storms in **California** brought beneficial precipitation to wheat, oats, and other winter forage crops. Still, some growers continued to irrigate to make up for the lack of rain. Alfalfa fields were being cultivated and planted. Field preparations continued for spring planting. Alfalfa hay was showing early growth due to warm weather. The wheat crop was rated as 85 percent good to excellent. Pasture and rangeland condition was 55 percent poor to fair. Pruning and shredding continued in tree fruit and nut orchards. Unseasonably warm weather caused a few early-variety stone fruit orchards to bloom. Fungicide applications were applied to protect the blooms. Grapevines were pruned and tied. Pre-emergent herbicide applications continued in fruit tree orchards and vineyards. Kiwifruit, Navel oranges, Cara Caras, Moro Bloods, Minneolas Tangelos, and lemons were packed and exported. Navel orange trees were topped in advance of the bloom. Seedless Mandarins and Murcotts were covered with netting to prohibit cross pollination. Olive trees were pruned. Early varieties of almonds were reported in full bloom. Pistachio and walnut pruning continued in nut orchards across the central portion of the State. Almonds, pistachios, walnuts, and pecans were exported. In Sutter County, weed control and field preparation for processing tomatoes continued. In Monterey County, planting continued for the first crop of lettuce and brassicas. In Fresno County, spring planting of vegetables started. The dry conditions were conducive to early ground preparation. In Tulare County, fields continued to be prepared for spring and summer planting. Early varieties of summer vegetables (tomatoes, cucumbers, squash, and eggplant) were germinated in greenhouses. Spinach and broccoli fields were progressing well. Rangeland feed conditions improved with the recent rains. More rain is needed to help germination and long-term development of foothill grasses and forbs. Optimal weather conditions have increased dairy production. Local and interstate hives have been placed in almond and fruit orchards for pollination.

Fieldwork and soil preparation for spring plantings continued in the panhandle of **Florida**. Soil moisture continued to be high across most of the state, due to rain in previous weeks. Various areas reported standing water in fields. Sugarcane harvest continued in Palm Beach County.

Farmers in Suwannee County began planting potatoes and were preparing land for watermelon and corn planting. In Bradford County, strawberries, onions, cabbage, and greens were being harvested. Flagler and Putnam County farmers continued planting potatoes and harvesting cabbage and leafy greens. Crops harvested in Miami-Dade County were green beans, pole beans, yellow squash, zucchini, tomatoes, peppers, eggplant, sweet corn, boniato, bitter melon, avocados, herbs, malanga, strawberries, and other tropical fruits. Some pastures in the panhandle, northern, and central Florida continued to be in poor condition due to standing water and frost. Growth of cool-season forage crops slowed due to cold weather and frost. Pastures in south and southwest Florida improved, following rainfall. Statewide, the cattle condition was mostly good, while the winter forage and pasture condition was fair to good. Citrus processing plants were still up and running at normal capacities. According to the Market News Bulletin of February 9, 2015, “most plants plan on finishing early and midseason oranges this month, while one may run into March.” Navel orange harvest and early tangerine harvest were relatively over for the season. Honey tangerines and colored grapefruit were the primary varieties being harvested for fresh market. A small amount of early oranges and white grapefruit were also going fresh. Grove activity included mowing, irrigation, and some hedging and topping following harvest. Field workers across the citrus region have noticed some bloom and new growth in well cared for groves.

In **Texas**, wheat conditions across much of the state were rated fair to good. Some producers in the North Plains began irrigating wheat. Dryland oats continued to progress in some areas of the Edwards Plateau and South Texas. Corn seeding began in parts of the Blacklands, the Coastal Bend, and the Lower Valley. Field preparations for planting sorghum began in the Upper Coast, the Coastal Bend, and the Lower Valley. Fruit trees continued to progress in North East and South Central Texas. Cool-season vegetable planting was active in portions of the North East and the Lower Valley. Onions and carrots progressed in South Texas. Supplemental feeding was active across the state, while range and pasture conditions were rated fair to good.

## International Weather and Crop Summary

February 8-14, 2015

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

### HIGHLIGHTS

**EUROPE:** Dry, mild weather maintained favorable prospects for overwintering wheat and rapeseed.

**WESTERN FSU:** Mild, dry conditions kept key southern wheat areas devoid of a protective snow cover but also minimized the risk for winterkill during the period.

**MIDDLE EAST:** Wet, warm weather sustained good to excellent conditions for winter wheat and barley.

**NORTHWESTERN AFRICA:** Lingering light to moderate showers benefited vegetative winter grains from Morocco into Tunisia.

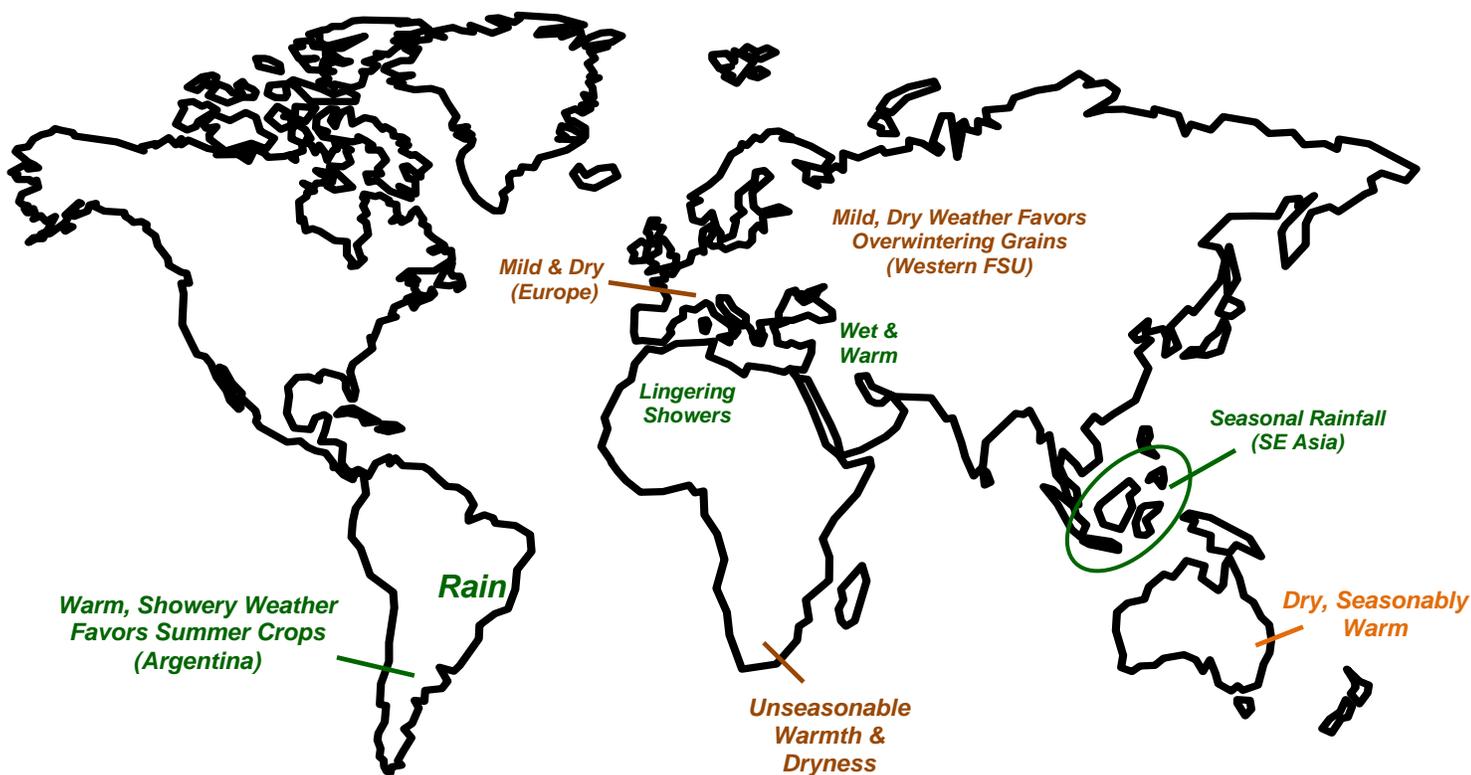
**SOUTHEAST ASIA:** Continued seasonable rainfall across the region maintained favorable moisture supplies for crops.

**AUSTRALIA:** Dry, seasonably warm weather favored drydown of maturing summer crops but increased irrigation requirements for immature crops.

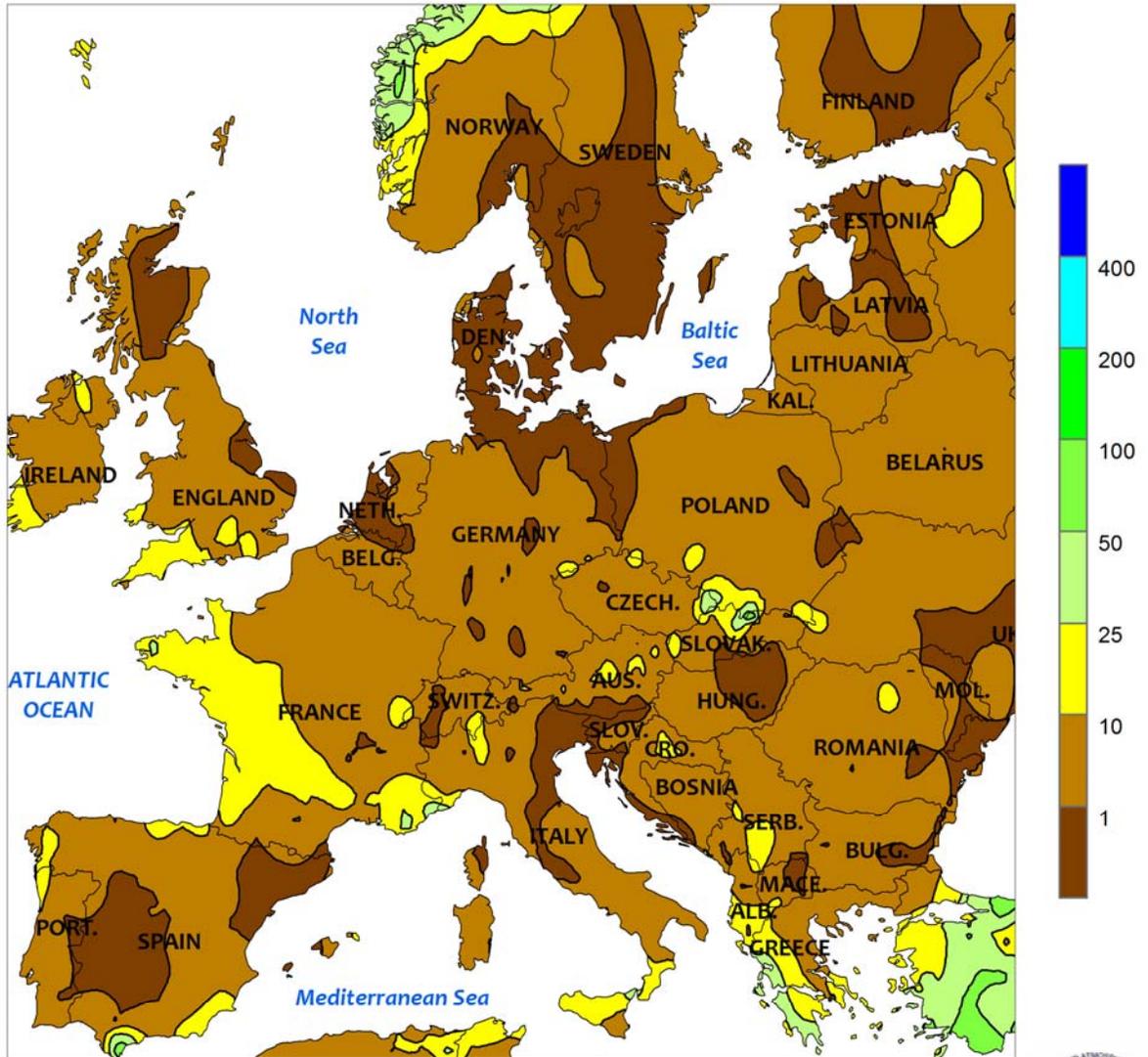
**SOUTH AFRICA:** Warm, dry weather reduced moisture available to corn advancing through reproduction.

**ARGENTINA:** Warm, showery weather maintained overall favorable conditions for summer grains, oilseeds, and cotton.

**BRAZIL:** Widespread, locally heavy rain increased moisture for immature soybeans and newly-planted second-crop corn.



EUROPE  
Total Precipitation (mm)  
FEB 8 - 14, 2015



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

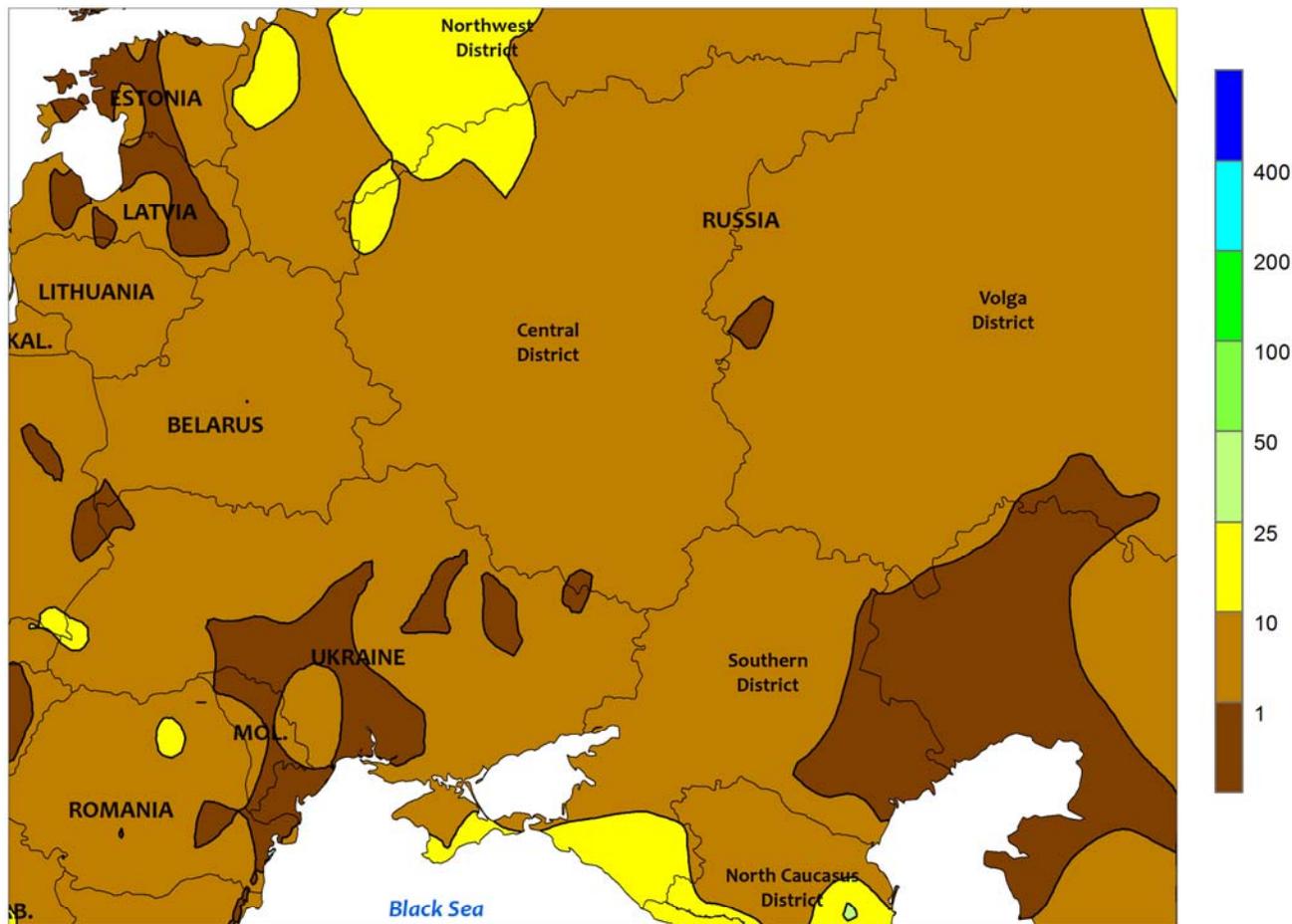


**EUROPE**

Mild, mostly dry weather across the continent sustained favorable conditions for dormant (north) to vegetative (south) winter crops. A large area of high pressure provided mostly dry, mild weather (1-4°C above normal) from northeastern France into Poland and the Baltic States. Consequently, major northern growing areas remained devoid of a protective snow cover, but temperatures remained well above the threshold for burnback or winterkill during the period. Farther south, chillier

conditions (2-4°C below normal) settled over the Balkans, though nighttime lows (-10 to -5°C) did not threaten winter crops. Dry albeit chilly weather (1-3°C below normal) in Spain slowed wheat and barley development, where crop prospects remained good to excellent due to favorable moisture supplies. Despite the generally dry weather pattern, light to moderate showers (2-17 mm) across central and western France and the United Kingdom maintained adequate to abundant moisture reserves for spring growth.

WESTERN FSU  
 Total Precipitation (mm)  
 FEB 8 - 14, 2015



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

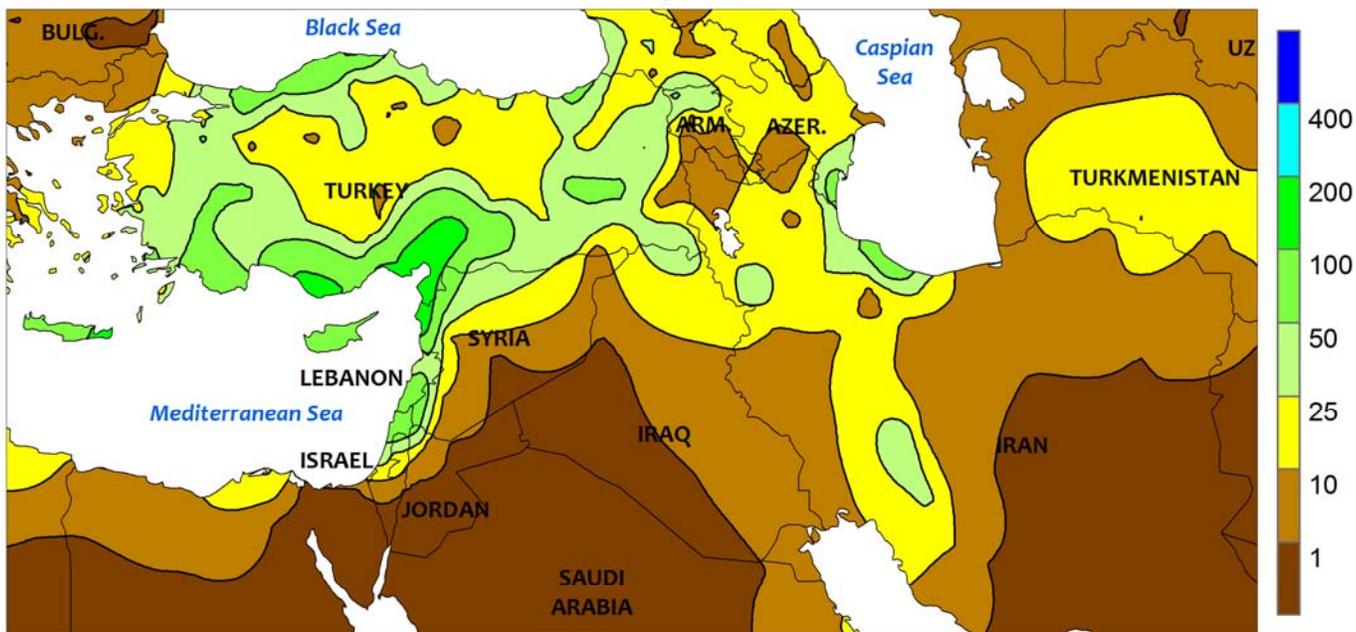


**WESTERN FSU**

Mild weather prevailed across the region, though some light rain and snow were reported. Precipitation for the week was light (generally less than 5 mm liquid equivalent), with snow falling across northern growing areas. At week's end, a moderate to deep snowpack (5-40 cm, locally more) insulated dormant winter grains and

oilseeds from northern Ukraine eastward into central Russia. In contrast, key winter wheat areas of southwestern Russia (Krasnodar and Stavropol Oblasts) remained devoid of snow cover due to persistent warmth (2-4°C above normal). However, winterkill was not a threat during the period due to the mild weather.

MIDDLE EAST  
Total Precipitation (mm)  
FEB 8 - 14, 2015



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

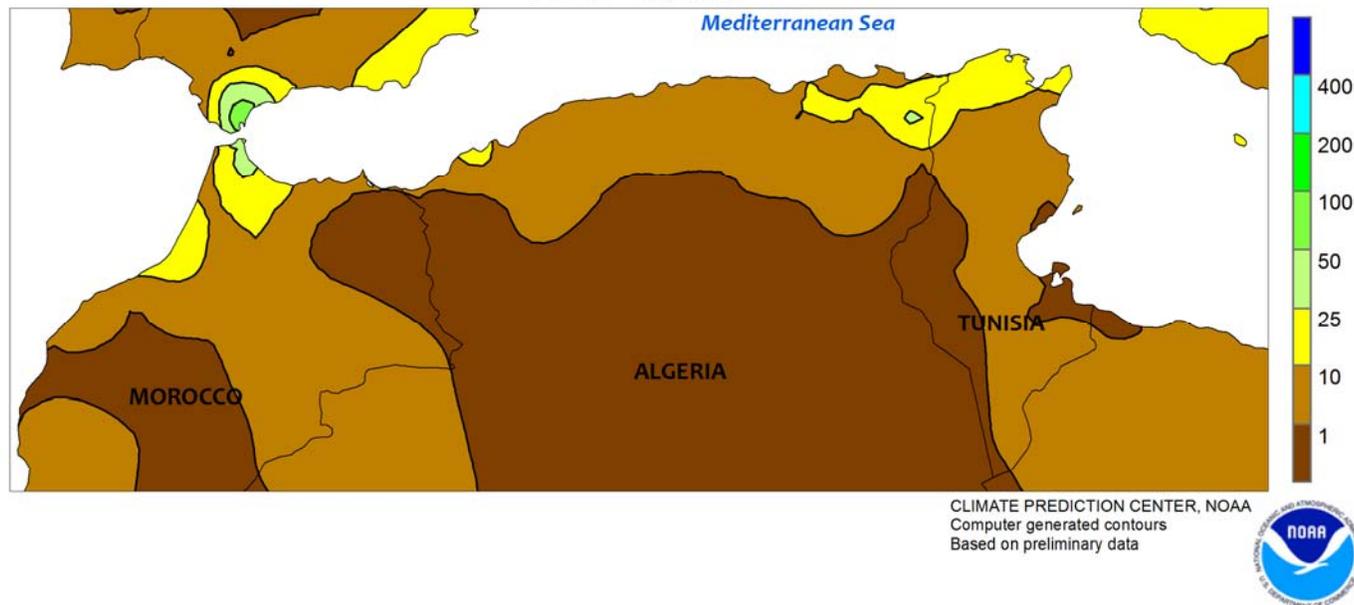


**MIDDLE EAST**

Wet but warm weather returned across much of the Middle East, though colder conditions settled over western Turkey. A slow-moving Mediterranean storm generated moderate to heavy rain and high-elevation snow (15-100 mm liquid equivalent, locally more) in Turkey, sustaining ample moisture reserves for dormant to vegetative winter grains. Heavy rain (50-150 mm) also fell along the eastern Mediterranean Coast, boosting moisture reserves but likely causing localized flooding. Farther east, rain

and mountain snow (4-40 mm liquid equivalent) from northern Iraq into western and northern Iran maintained adequate to abundant soil moisture for winter wheat and barley. However, temperatures up to 12°C above normal in Iran reduced winter crop cold hardiness and likely caused some wheat and barley to break dormancy unseasonably early. In contrast, temperatures averaged up to 2°C below normal in western and northern Turkey, keeping winter crops dormant.

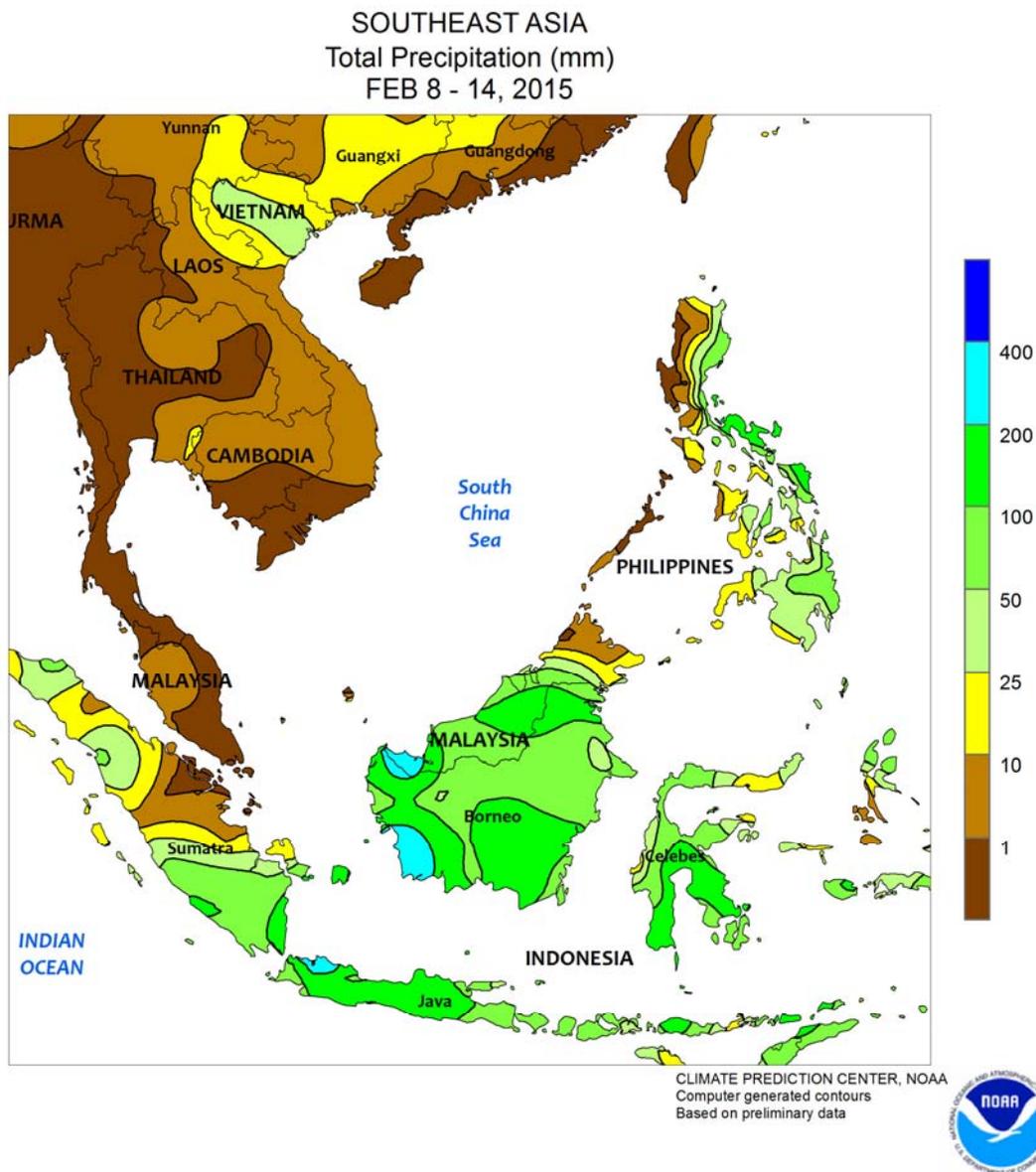
NORTHWESTERN AFRICA  
Total Precipitation (mm)  
FEB 8 - 14, 2015



**NORTHWESTERN AFRICA**

Lingering showers further benefited vegetative winter grains over most growing areas. In northern Morocco, light showers (4-15 mm) sustained excellent prospects for winter grains, though southern portions of the country remained generally dry. Meanwhile, another round of rain

(3-30 mm) in northern Algeria and Tunisia further improved prospects for winter wheat and barley following a dry autumn. Although temperatures averaged 1 to 3°C below normal, there were no hard freezes observed in primary growing areas.

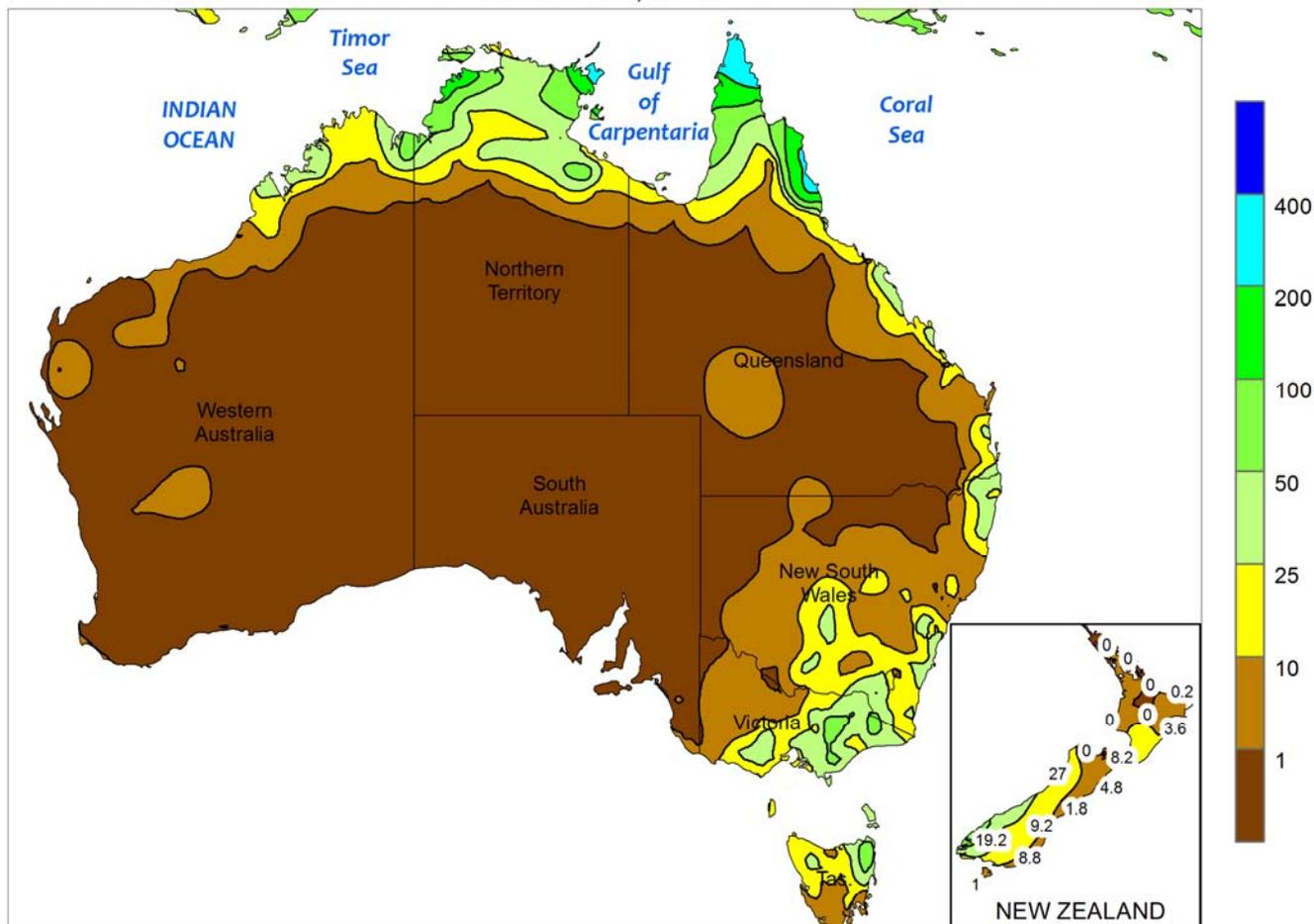


**SOUTHEAST ASIA**

Rainfall across Java, Indonesia, maintained favorable moisture supplies for rice in various stages of development. Western growing areas averaged 125 mm of rain for the week, while central and eastern areas averaged 80 and 90 mm, respectively. Harvesting of the earliest-planted rice typically occurs in March and will continue into June. Oil palm in other parts of Indonesia and neighboring Malaysia received 50 to over 100 mm of rain during the week,

maintaining abundant soil moisture but causing few delays in harvesting. Meanwhile in the Philippines, drier weather overspread the country, with weekly totals below 50 mm in most areas (portions of Mindanao received over 200 mm). Seasonal (since November 1) moisture conditions for rice and corn across most regions have been favorable, although key northeastern growing areas continued to experience below-normal seasonal rainfall.

AUSTRALIA  
Total Precipitation (mm)  
FEB 8 - 14, 2015



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

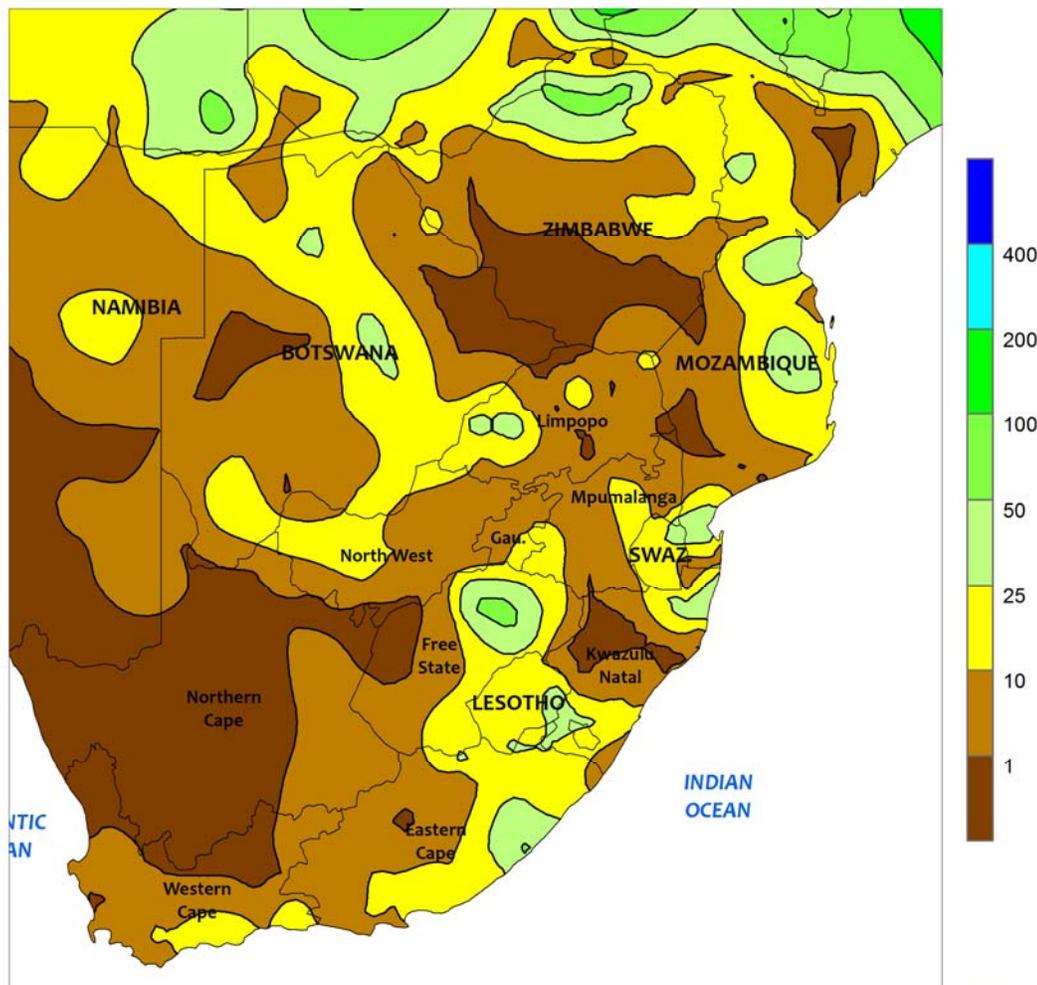


**AUSTRALIA**

Hot weather overspread a large portion of eastern Australia, but the bulk of the heat remained west of major summer crop producing areas, minimizing the impact on cotton and sorghum. Indeed, dry, seasonably warm weather covered major cotton and sorghum producing areas in southern Queensland and northern New South Wales, favoring drydown of the earliest-sown crops while potentially increasing irrigation requirements

for immature crops. In central and southern New South Wales, above-normal temperatures (averaging 2-5°C above normal) elevated crop water requirements, but widespread showers (5-25 mm, locally more) during the latter half of the week helped offset evaporative losses. Maximum temperatures were in the upper 30s to near 40s (degrees C) early in the week, but were somewhat lower later in the week.

SOUTH AFRICA  
Total Precipitation (mm)  
FEB 8 - 14, 2015



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

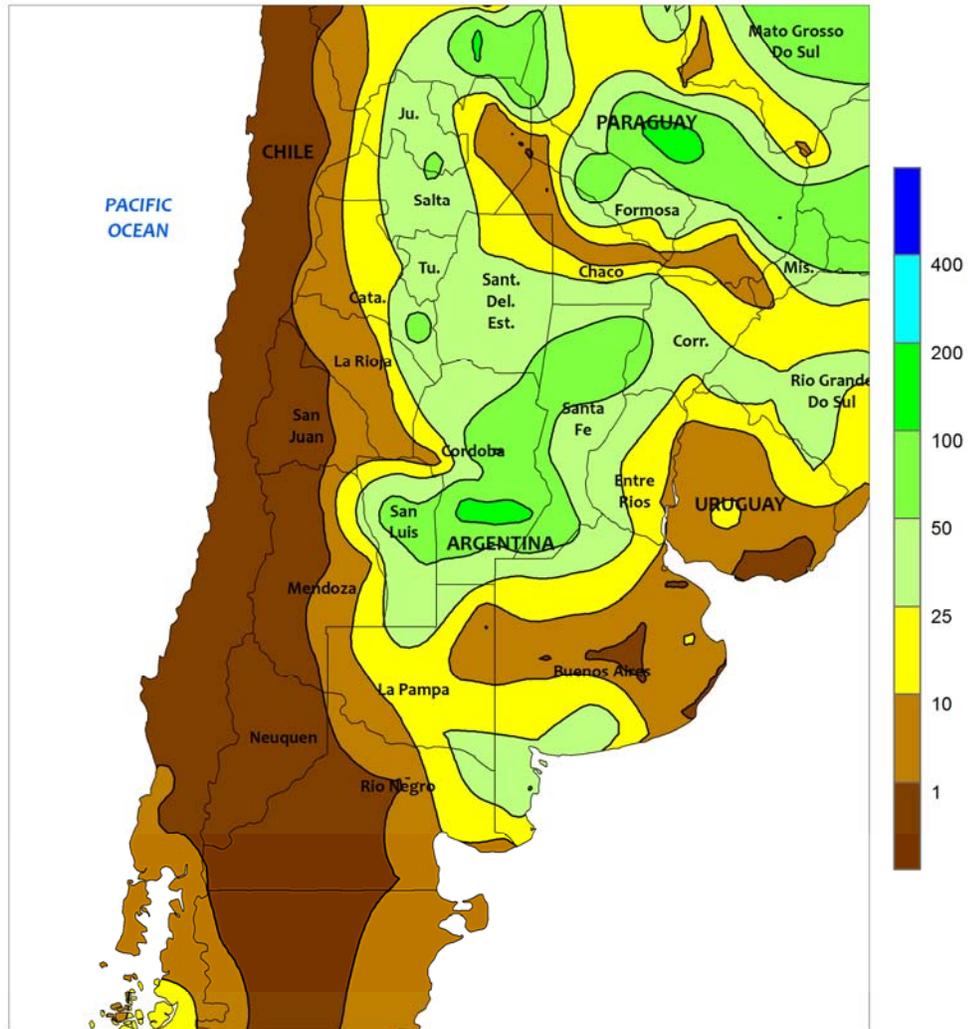


**SOUTH AFRICA**

For a second week, warmer- and drier-than-normal weather dominated much of the corn belt, limiting moisture for crops advancing through water-sensitive stages of development. Seasonable showers (15-50 mm) were generally confined to eastern Free State, though a few locations recorded isolated amounts totaling more than 10 mm; otherwise, mostly dry weather prevailed, extending northward into Limpopo and southeastward into summer row crop areas of KwaZulu-Natal. Weekly temperatures averaged 2 to 3°C above normal, with daytime highs ranging from the lower 30s (degrees C) in Mpumalanga to the middle and upper 30s elsewhere. In western and northern production areas, which included key commercial white corn areas of North West and Free State, the

warm weather compounded stress on crops in or nearing reproduction. Warm, mostly dry weather also dominated sugarcane areas of KwaZulu-Natal and eastern Mpumalanga, although late-week showers (10-25 mm) brought some relief to rain-fed crops in southern production areas. Similarly, rainfall diminished from the previous week in coastal areas of both Western and Eastern Cape Province, with many areas recording less than 10 mm. Seasonable warmth and dryness promoted growth of tree and vine crops in the main production areas of Western Cape, while dry, warmer-than-normal weather (temperatures averaging 2°C or more above normal) sped development of corn, cotton, and other crops in the Orange River Valley.

ARGENTINA  
Total Precipitation (mm)  
FEB 8 - 14, 2015



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

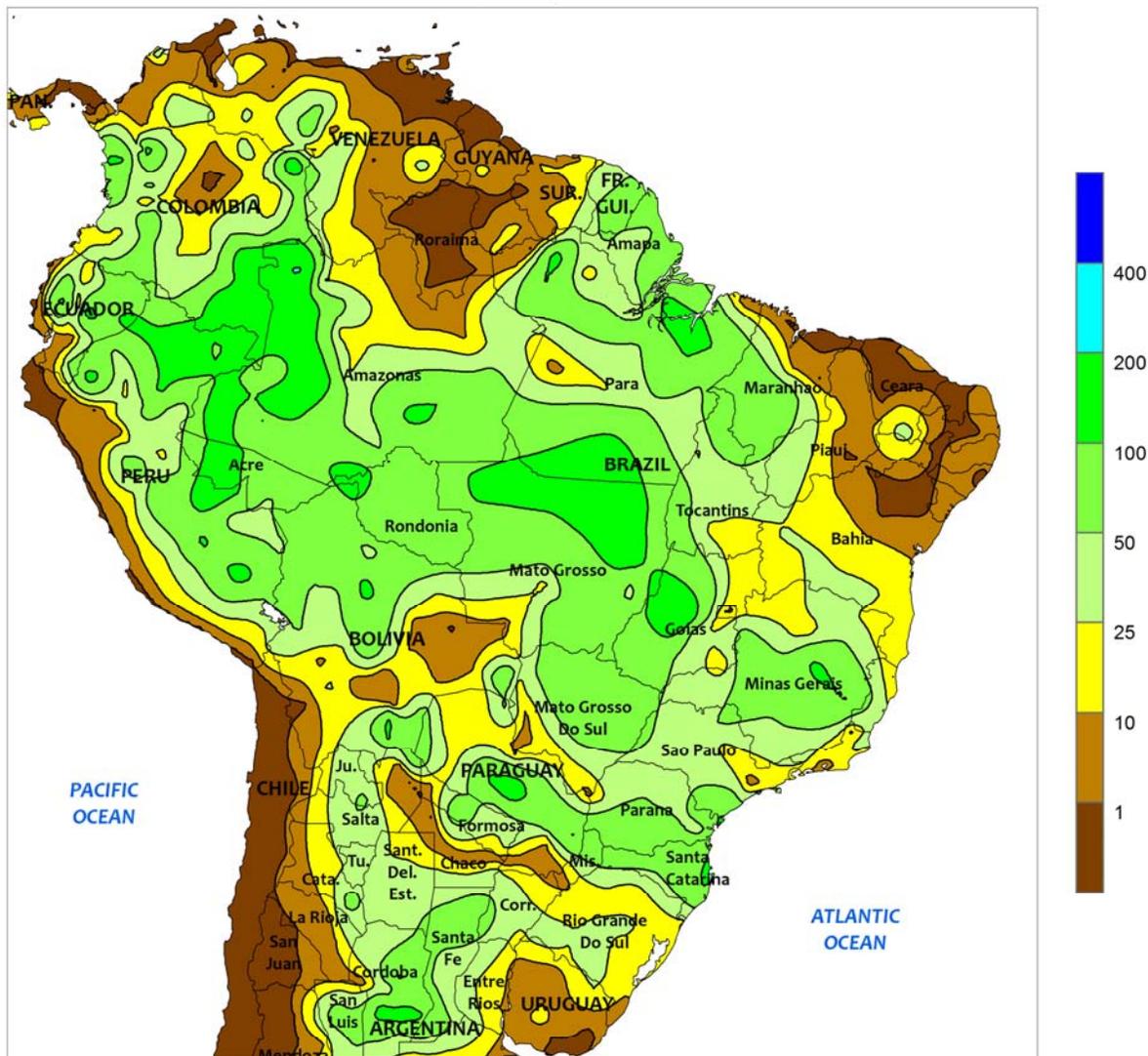


**ARGENTINA**

Warm, showery weather maintained overall favorable conditions for summer grains, oilseeds, and cotton. The heaviest rainfall (25-100 mm) was concentrated over the more northerly farming areas, with the highest amounts (greater than 50 mm) recorded over a broad area stretching from Formosa to central Cordoba. Near- to above-normal temperatures fostered rapid crop development in these areas, with some northern locations reporting temperatures in the upper 30s (degrees C) before the onset of the rain. Drier conditions prevailed farther south, with rainfall totaling below 10 mm across a large swath of both La Pampa and Buenos Aires. Somewhat heavier rain

(up to 35 mm) fell from southern Cordoba to the lower Parana River Valley of northern Buenos Aires, as well as in far southern Buenos Aires. Temperatures averaged near normal throughout central Argentina, though daytime highs briefly reached the middle 30s in the southwest (La Pampa and nearby locations in western Buenos Aires). Despite the warmth and periodic dryness, however, most southern locations enjoyed generally favorable levels of soil moisture due to earlier periods of rain. According to Argentina’s Ministry of Agriculture, sunflowers were 25 percent harvested as of February 12 compared with 24 percent last year.

BRAZIL  
Total Precipitation (mm)  
FEB 8 - 14, 2015



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

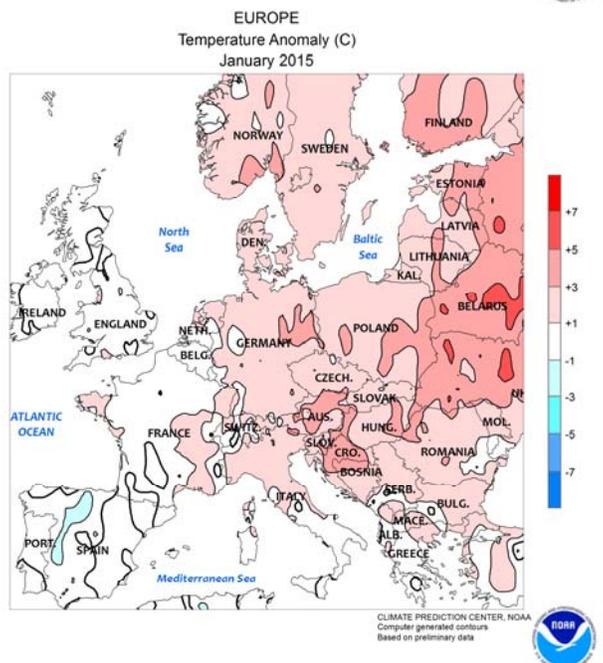
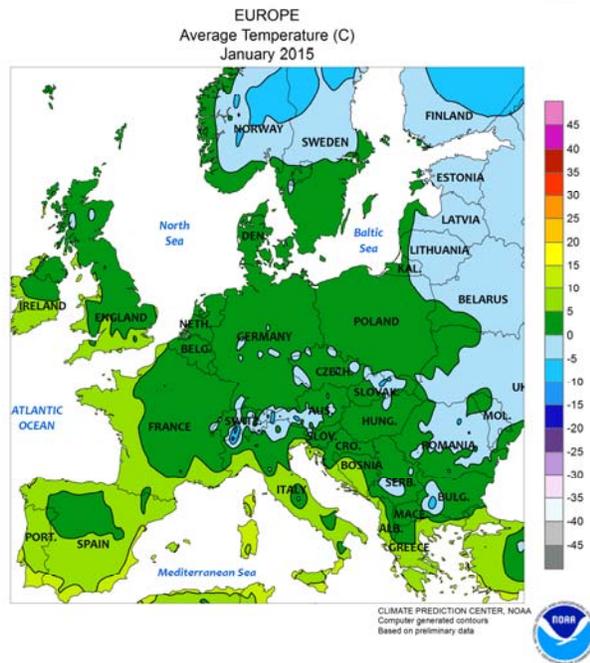
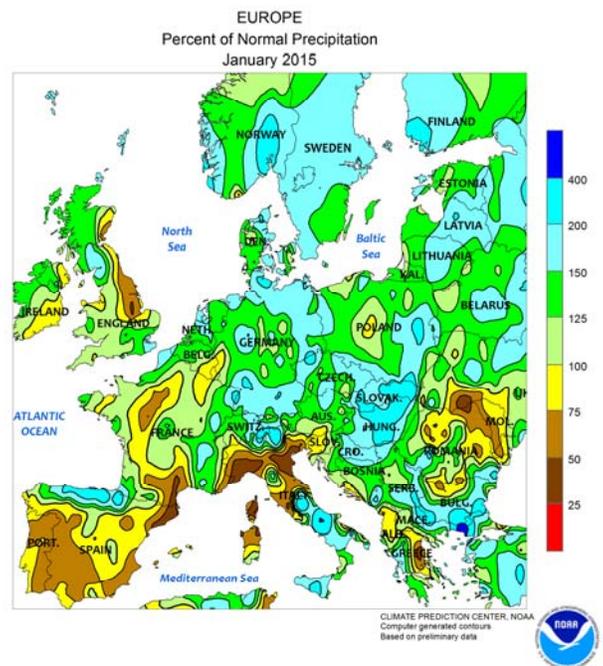
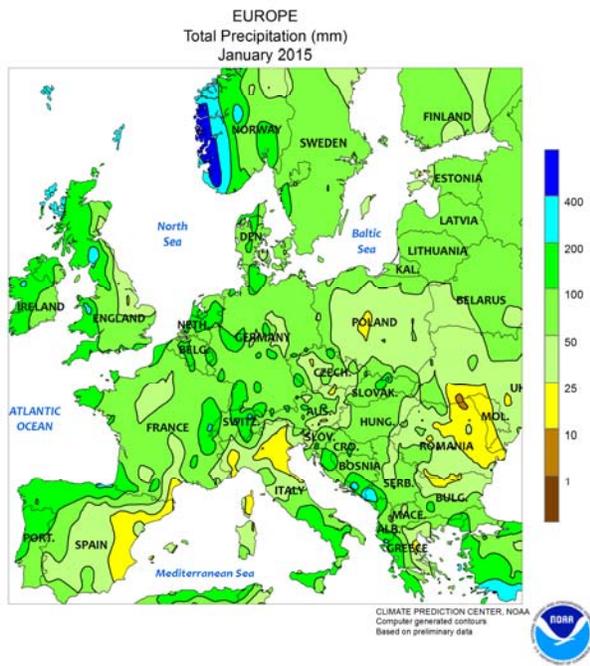


**BRAZIL**

Widespread, locally heavy showers overspread the region, giving a late-season boost to soybeans and increasing moisture for germination and establishment of second-crop (safrinha) corn. Rainfall totaled 25 to 100 mm in most farming areas from Mato Grosso southward to Rio Grande do Sul; similar amounts were recorded in sugarcane and coffee areas in Sao Paulo and Minas Gerais and in sections of the northeastern interior, though pockets of lighter rain (less than 25 mm) returned to the vicinity of southwestern Bahia. Weekly average temperatures were near to above normal, with daytime

highs reaching the lower and middle 30s (degrees C) on most dry days. Reports emanating from Brazil indicate that harvesting of main-season soybeans and corn are underway throughout the country, as is planting of safrinha corn. In Mato Grosso, Brazil's leading producer of both soybeans and safrinha corn, fieldwork was advancing but lagging last year's pace; according to the state government, corn was approximately 23 percent planted (versus 46 percent last year) and soybean planting was 25 percent complete (36 percent last year) as of February 12.

# January International Temperature and Precipitation Maps

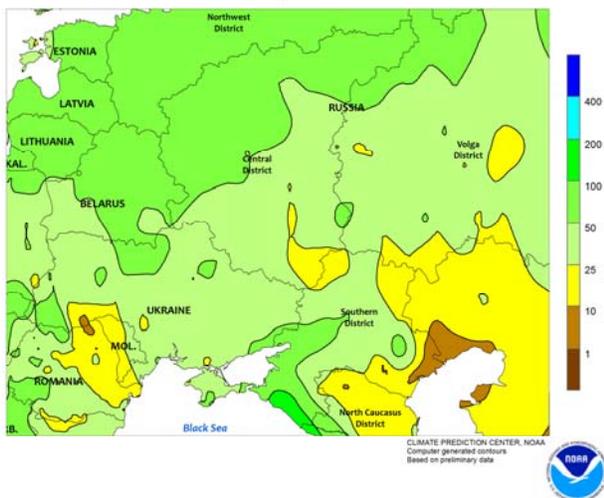


## EUROPE

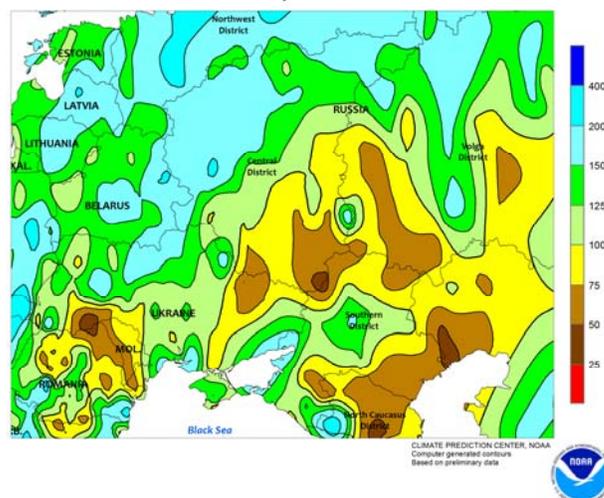
During January, mild, wet weather across much of the continent maintained favorable conditions for dormant winter grains and oilseeds. Precipitation was heaviest (locally more than 200 percent of normal) in the northern Balkans as well as southern portions of Italy and Bulgaria. However, somewhat drier

conditions settled over Spain and northern Italy, though season-to-date moisture remained favorable for vegetative wheat and barley. By month's end, chillier weather along with some snow arrived over northern and central Europe. The risk for winterkill remained minimal due to a lack of bitter cold.

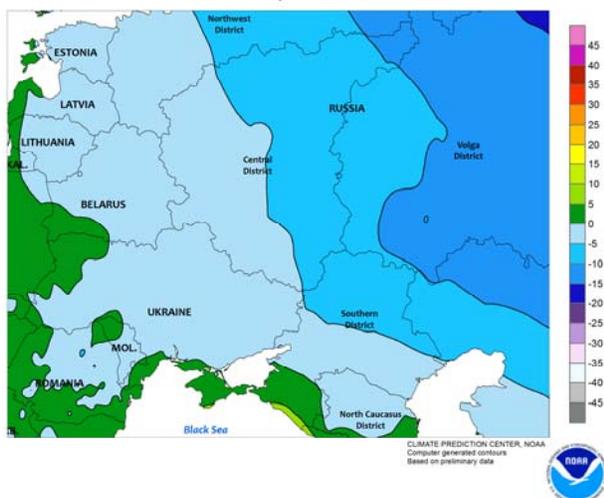
WESTERN FSU  
Total Precipitation (mm)  
January 2015



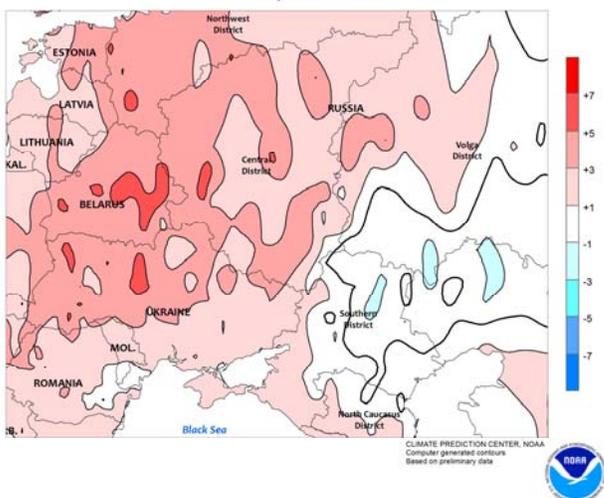
WESTERN FSU  
Percent of Normal Precipitation  
January 2015



WESTERN FSU  
Average Temperature (C)  
January 2015



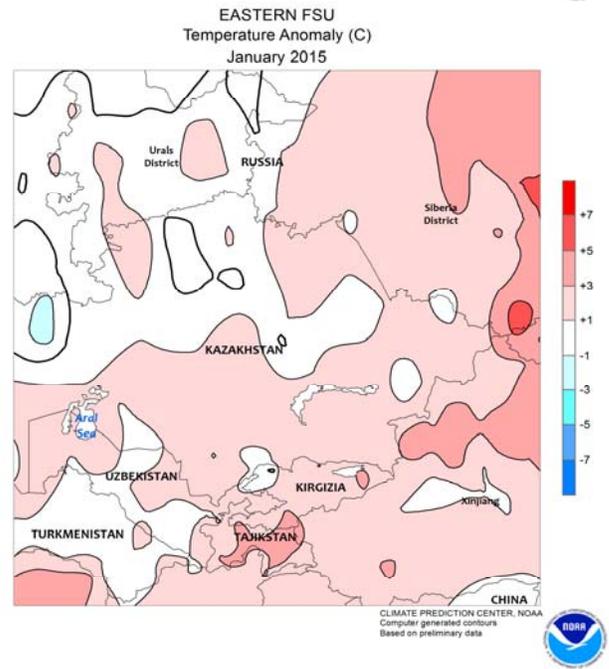
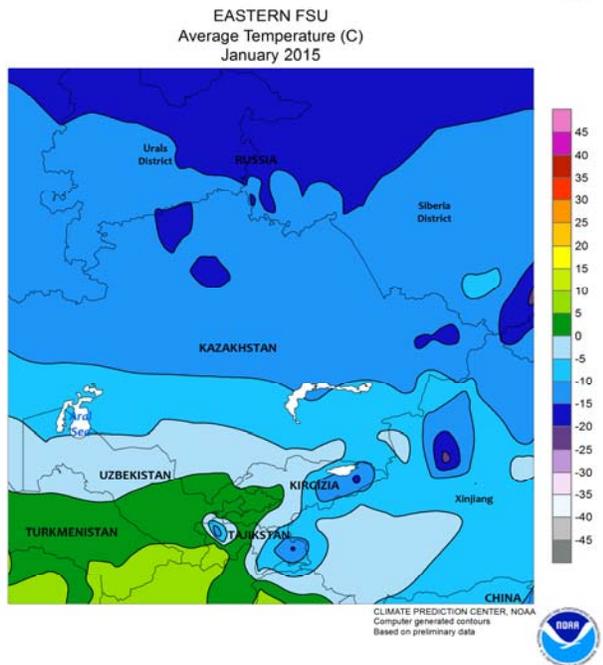
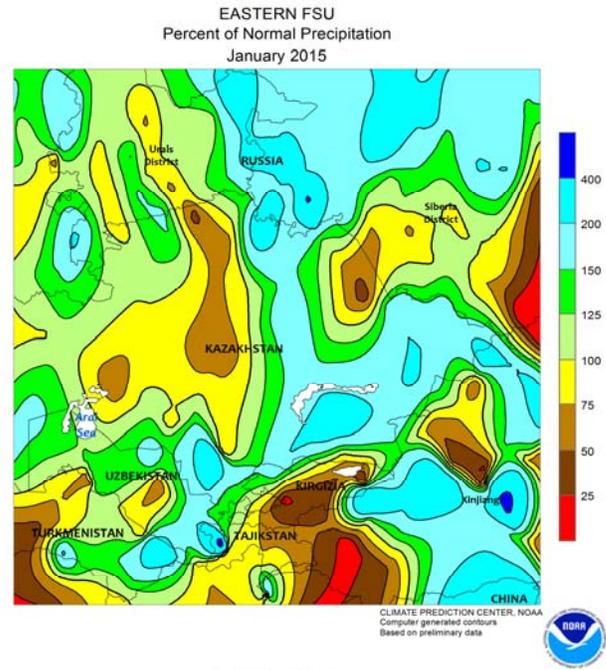
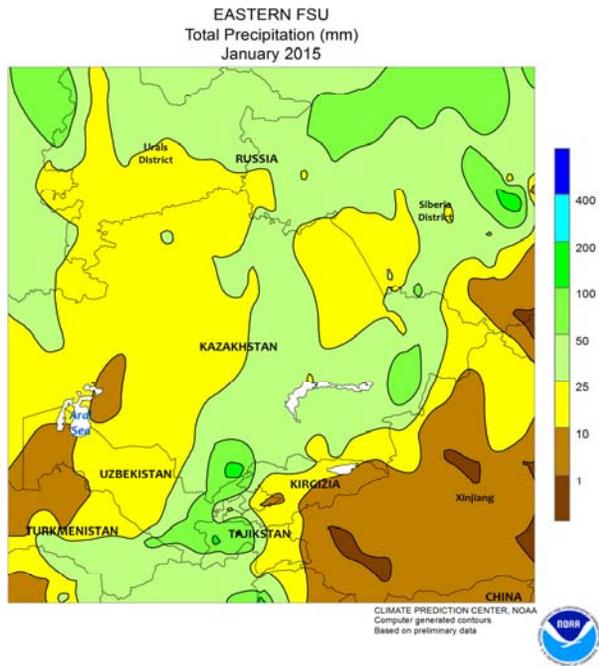
WESTERN FSU  
Temperature Anomaly (C)  
January 2015



**WESTERN FSU**

In January, unseasonably warm weather overspread much of the region, with bitter cold confined to eastern-most growing areas. Snow cover lingered in the coldest locales, though southern winter wheat areas of Russia were snow free and exposed to

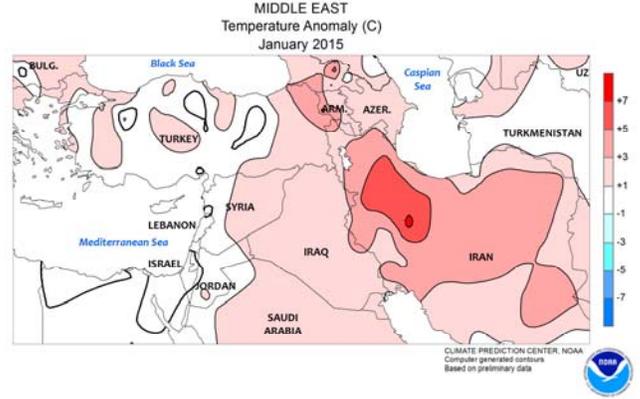
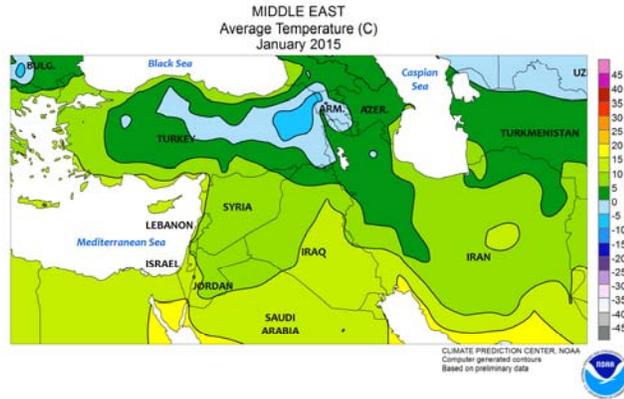
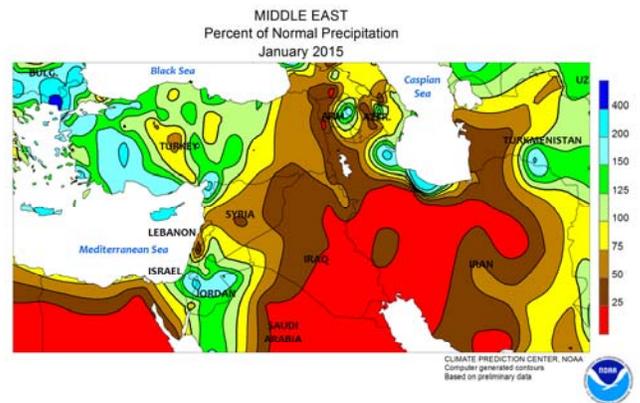
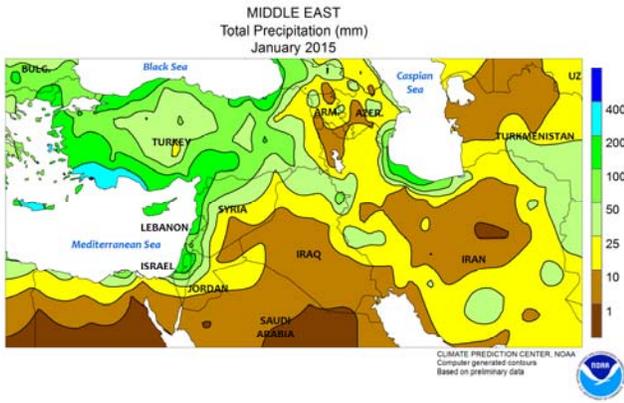
potential incursions of bitter cold by month's end. Temperatures averaged 1 to 5°C above normal over most major winter wheat areas, with daytime highs in excess of 10°C in southern Russia likely reducing winter crop cold hardness.



**EASTERN FSU**

Cold, snowy weather prevailed in the north, while rain and mountain snow aided winter crop prospects in the south. In northern Kazakhstan and neighboring portions of Russia, near-normal temperatures along with periods of snow were observed. These spring wheat areas are

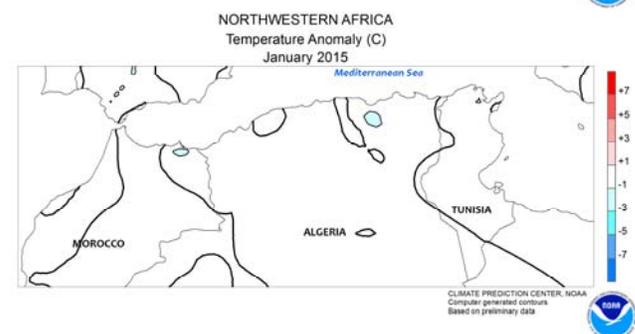
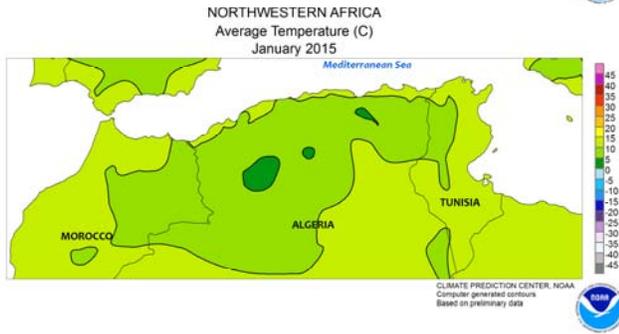
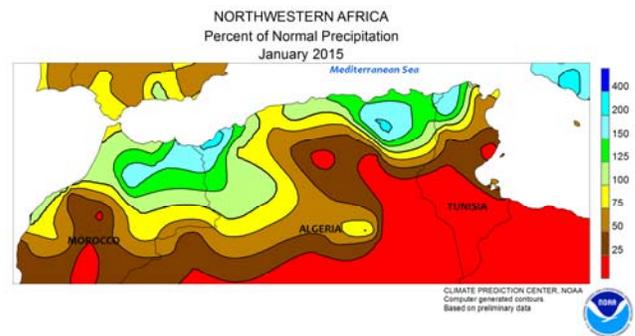
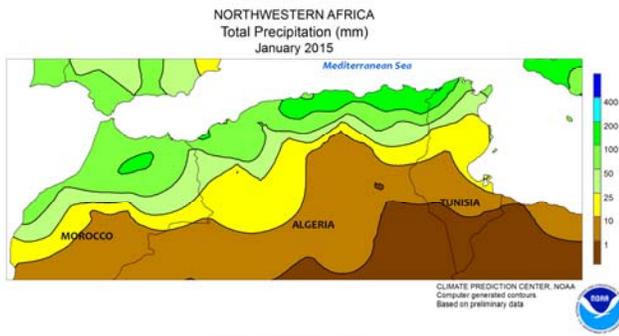
agriculturally inactive during the winter due to the harsh climate. Farther south, rain and mountain snow (10-100 mm liquid equivalent, locally more) sustained favorable moisture for winter grains and improved irrigation reserves for warm-season crops.



**MIDDLE EAST**

Heavy rain and mountain snow persisted across Turkey and Syria in January, maintaining abundant moisture for wheat and barley. Rain totaled 100 mm or more across southern and western Turkey, with drier-than-normal conditions (locally less than 75 percent of normal) confined to a small portion of central Turkey's Anatolian

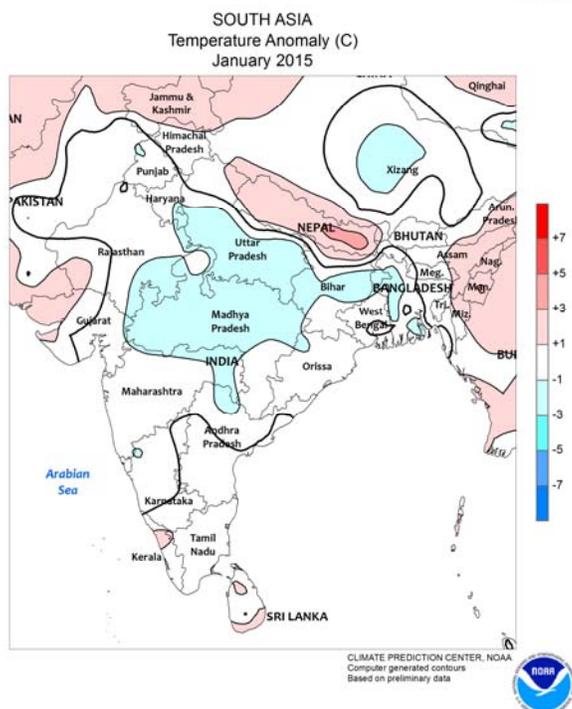
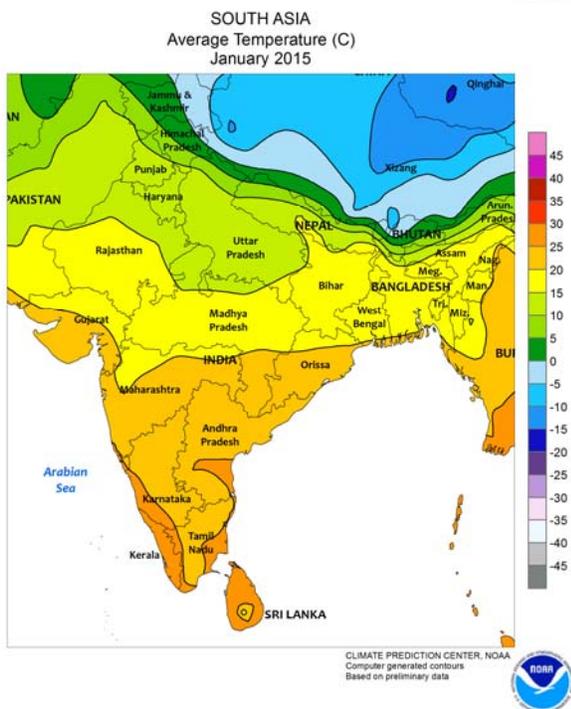
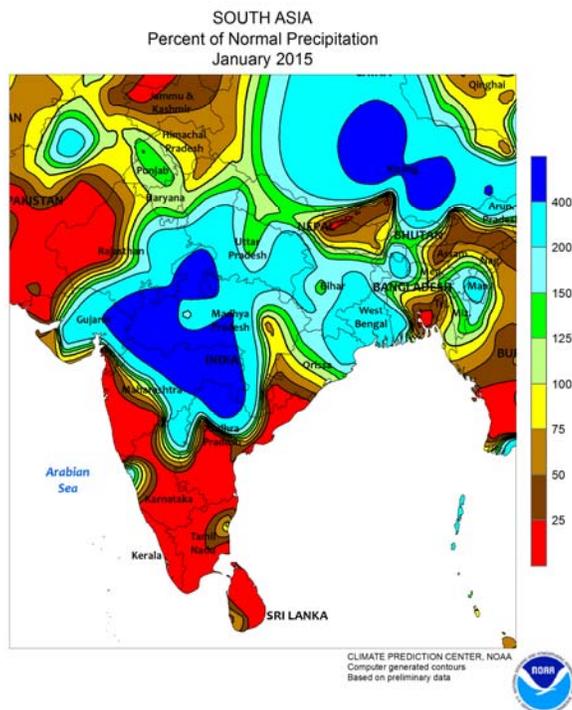
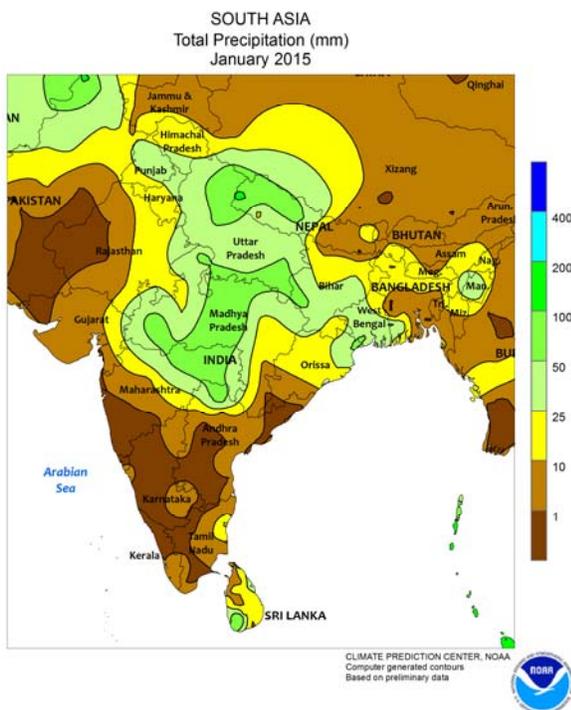
Plateau. In contrast, dry weather (25-50 percent of normal) settled over Iraq and Iran, though beneficial rain returned by month's end. Winter crop prospects remained good to excellent over much of the region due to favorable season-to-date precipitation (since October 1), despite areas of dryness during January.



**NORTHWESTERN AFRICA**

During January, moderate to heavy rainfall overspread eastern crop districts and lingered in western growing areas. The rain, which tallied more than 100 mm in the east, improved winter grain prospects across Algeria and Tunisia. Widespread showers (50-100 mm) in northern

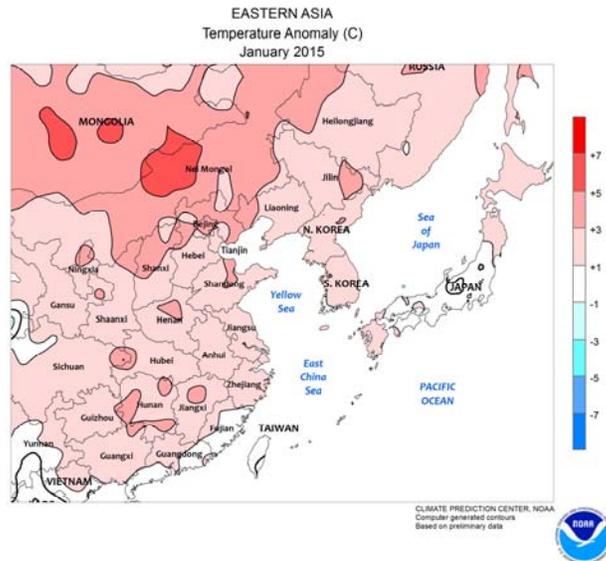
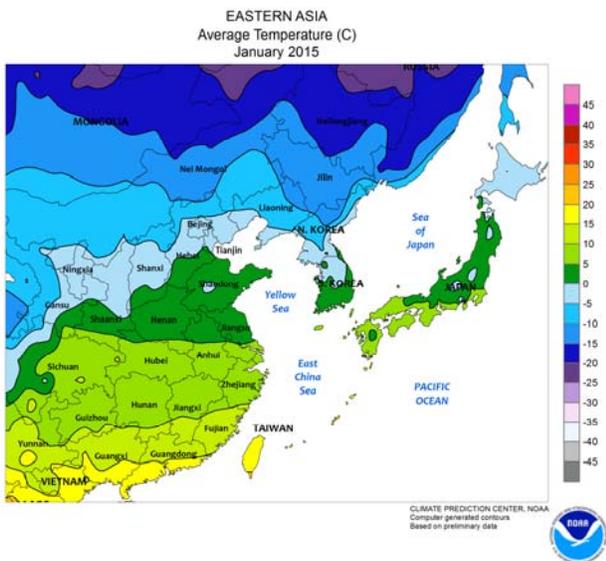
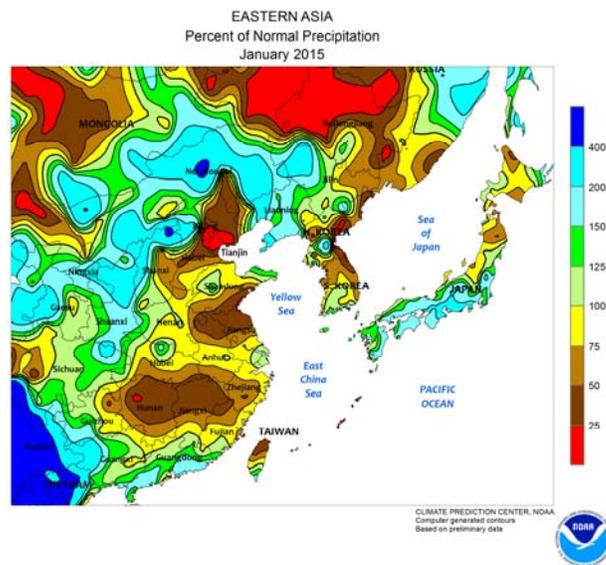
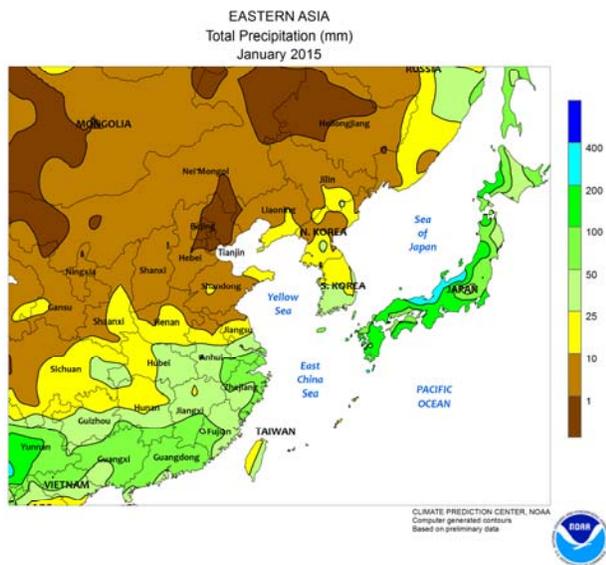
Morocco maintained good to excellent crop conditions. Dryness was noted in southern Morocco, though abundant autumn rainfall boosted subsoil moisture and enabled winter crops to withstand short-term dryness in the absence of stressful heat.



**SOUTH ASIA**

In January, rainfall was near to above normal across most of northern India, with monthly totals between 25 and 50 mm. The rainfall provided additional beneficial moisture to irrigated wheat and rapeseed. In addition, temperatures were below normal (temperatures averaging 10-15°C for the month) in key wheat and rapeseed areas. Between the

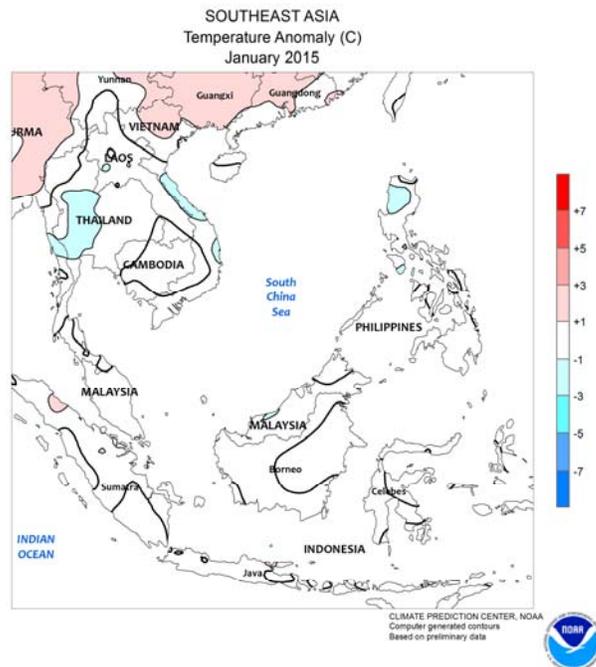
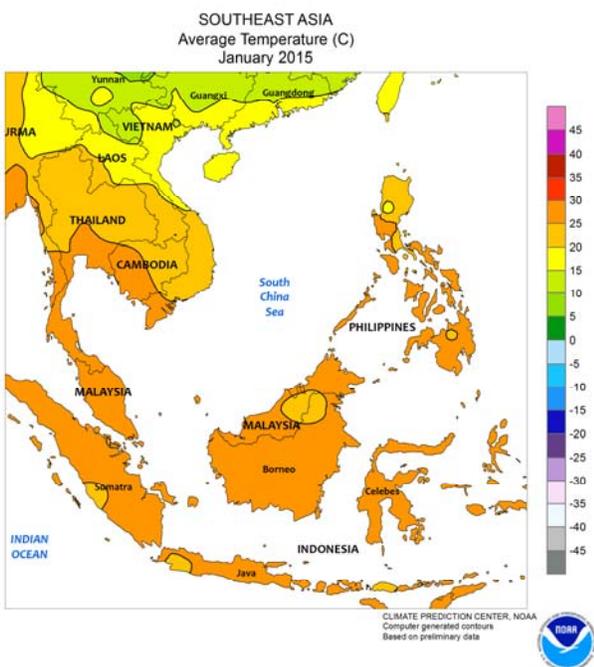
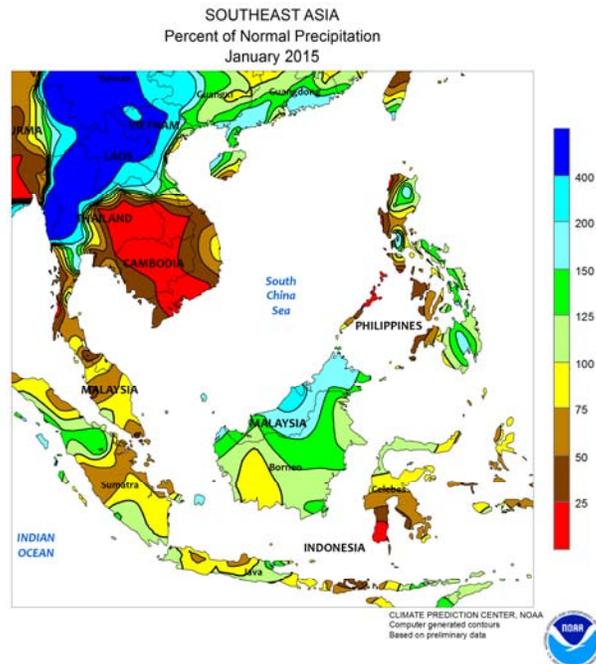
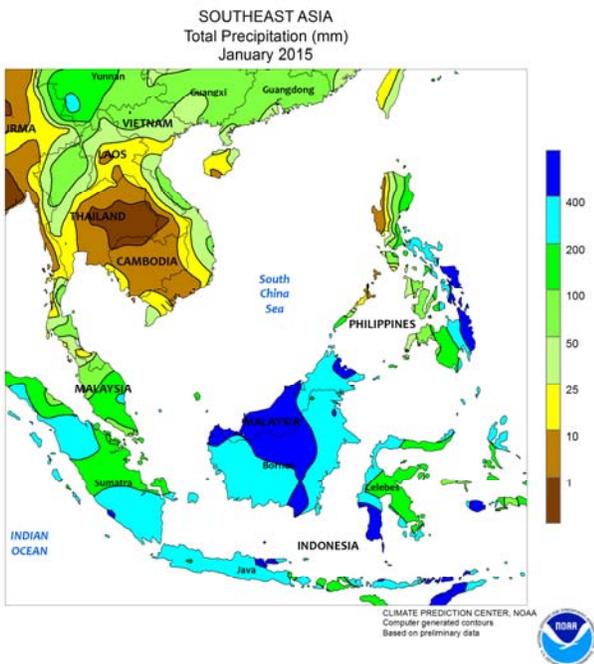
additional rainfall and cool weather, prospects remained high for both crops. Planting was ongoing through the month and nearing completion according to India's Ministry of Agriculture. Planting progress of wheat and rapeseed was behind last year's pace. Harvesting of the earliest-planted crops typically begins in March.



**EASTERN ASIA**

Seasonably dry weather prevailed across wheat and rapeseed areas during January, with rain and snow occurring late in the month. Monthly rainfall totals were below 50 mm but within 5 to 10 mm of normal on the North China Plain and into the Yangtze Valley. In addition, above-normal temperatures prevailed for most of the month, averaging nearly 5°C in Henan and 8°C in Hubei; the warmth caused wheat and

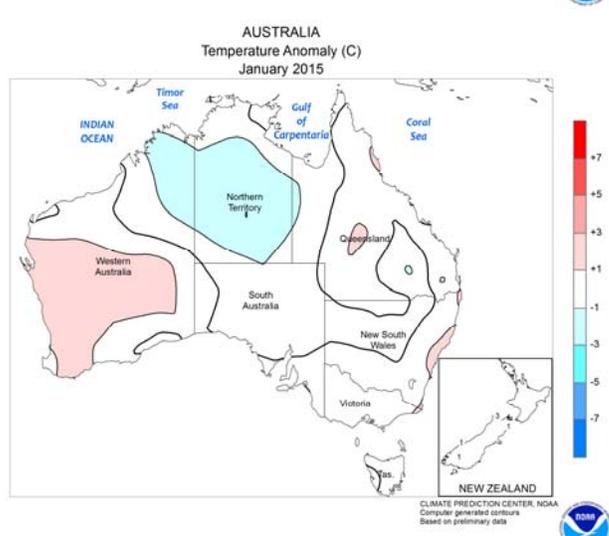
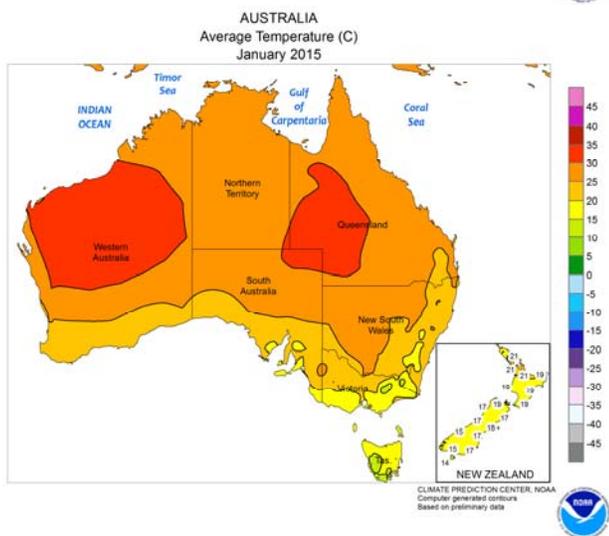
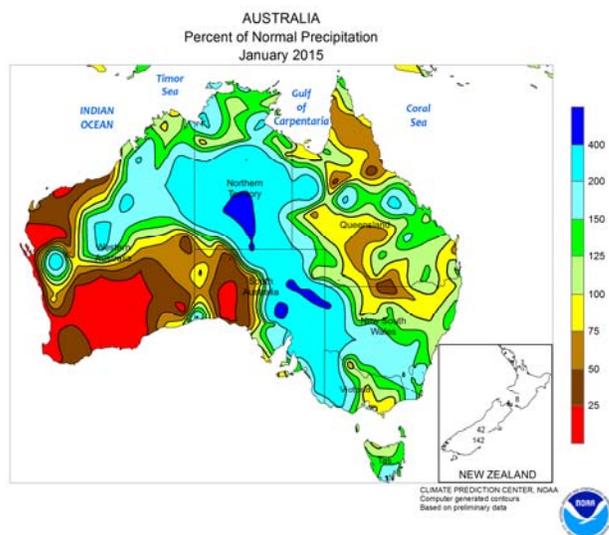
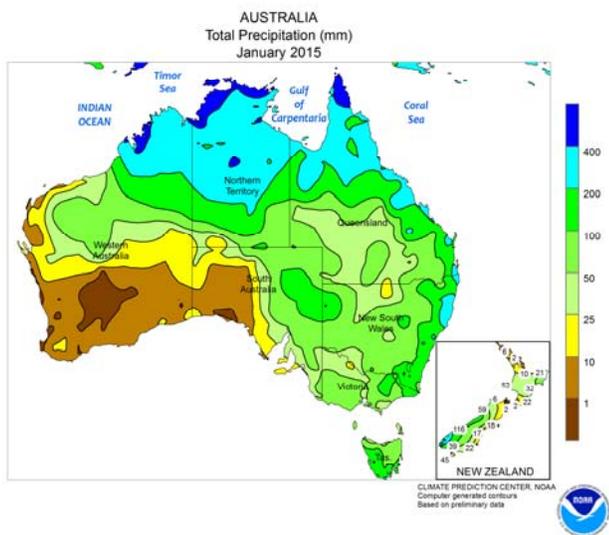
rapeseed to lose cold hardiness and prematurely break dormancy. Colder weather and snow at month's end forced crops back into dormancy but likely also caused freeze injury to any new vegetative growth. Meanwhile, rainfall was below normal in southern portions of the Yangtze Valley by as much as 30 mm, reducing moisture reserves for crops to be planted in the spring.



**SOUTHEAST ASIA**

Drier weather prevailed in January across Java, Indonesia, with most rice areas experiencing rainfall deficits of 25 to more than 50 mm for the month. However, despite the reduced rainfall, seasonal totals since November 1 were above normal in western and eastern Java and near normal in central Java, maintaining favorable prospects for rice. Meanwhile in the Philippines, an active northeast monsoon and rare January land-falling typhoon brought above-normal rainfall to most eastern rice and corn areas. Typhoon Mekkhala made landfall in the Eastern Visayas around mid-month, bringing heavy rainfall and winds in excess of 70 knots. Few typhoons develop in January and even fewer

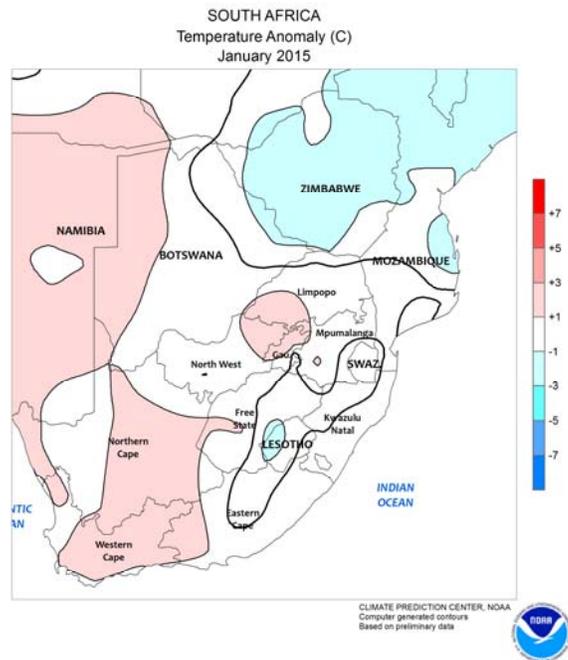
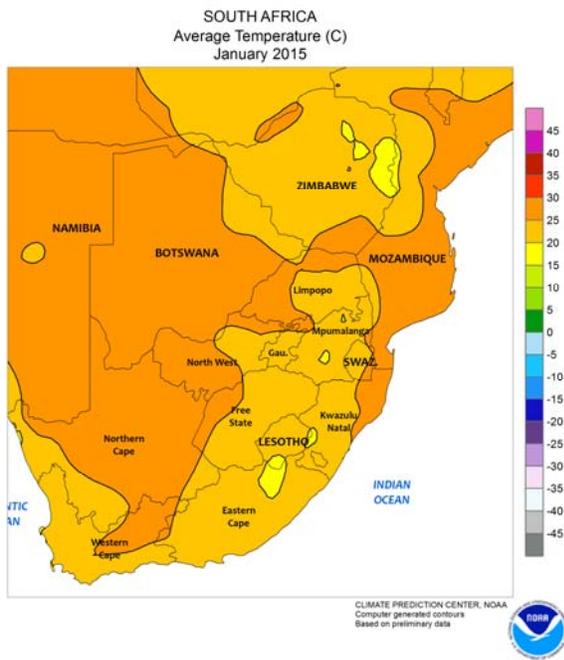
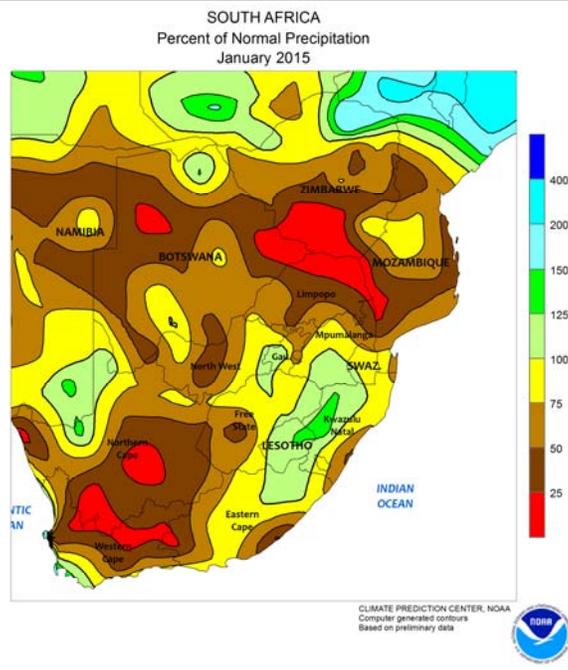
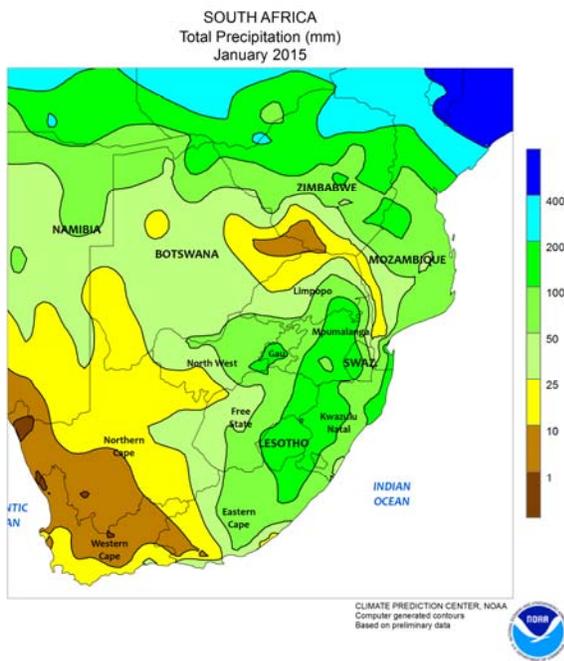
make landfall. Damage from Mekkhala was minimal and not expected to significantly impact crop prospects. In Vietnam, seasonably dry weather continued to aid winter-spring rice transplanting nearing completion, with abundant warm, sunny weather benefiting rice development. Harvesting of the earliest-planted rice typically begins in February across the south. To the west in Thailand, a brief period of unseasonable showers (25-50 mm) early in January boosted reservoir levels that have been below the last few years since late September. The reduced reservoir levels limited transplanting, with rice prospects below last year's.



**AUSTRALIA**

In January, wetter-than-normal weather persisted in eastern Australia, continuing a pattern which became established during December. The rain further increased topsoil moisture for dryland crops, such as sorghum, while also easing water

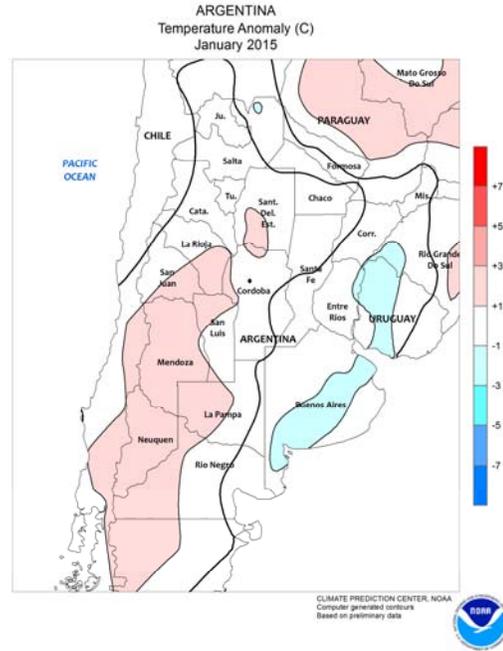
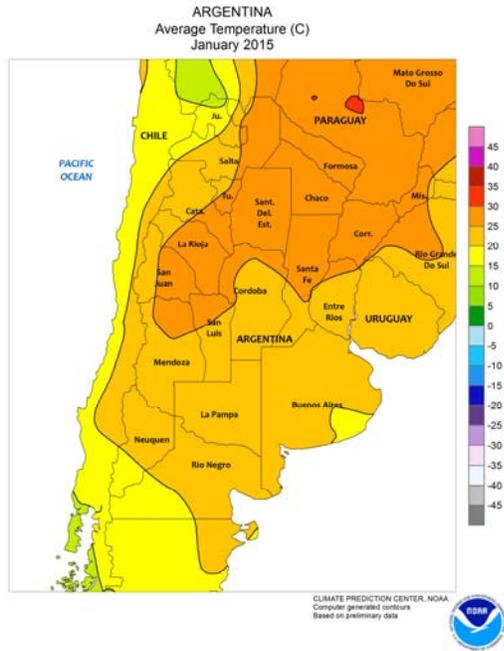
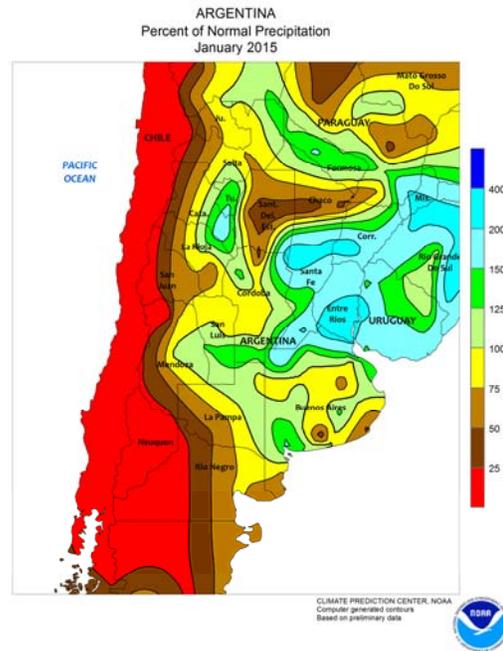
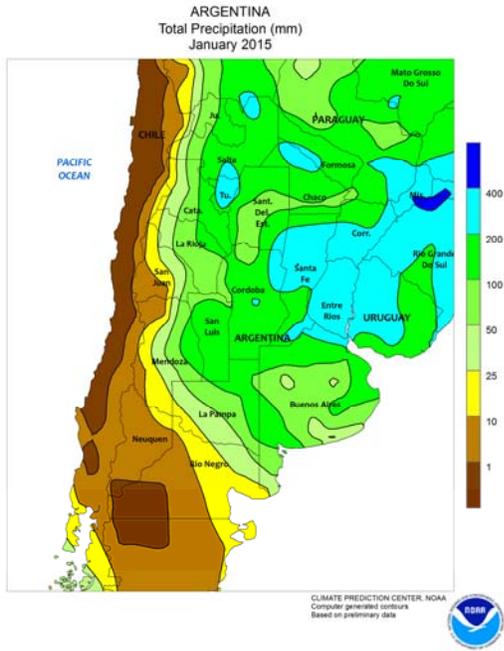
requirements for irrigated crops, such as cotton. The rain was very timely for summer crops, many of which were in or nearing reproduction, improving crop conditions and yield prospects after a relatively dry start to the growing season.



**SOUTH AFRICA**

In January, warm, showery weather maintained overall favorable conditions for reproductive summer crops in eastern sections of the corn belt. Rainfall was near to above normal (monthly amounts exceeding 100 mm in many locations) in key commercial production areas of Mpumalanga, Gauteng, and eastern portions of Free State. Monthly temperatures averaging near to slightly above normal (daytime highs reaching the low 30s degrees C) fostered summer crop growth in the absence of stressful heat. Rainfall was lighter (50-100 mm for the entire month), however, farther west, with daytime highs approaching 40°C on several days at western edge of the corn belt. The warmth and dryness in the west reduced

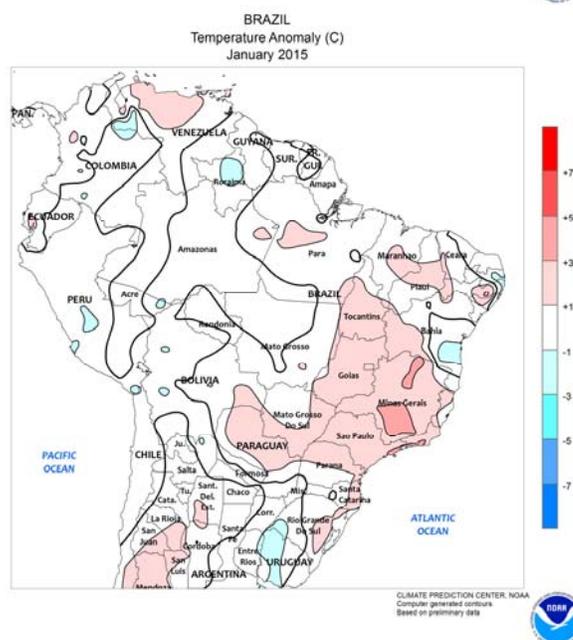
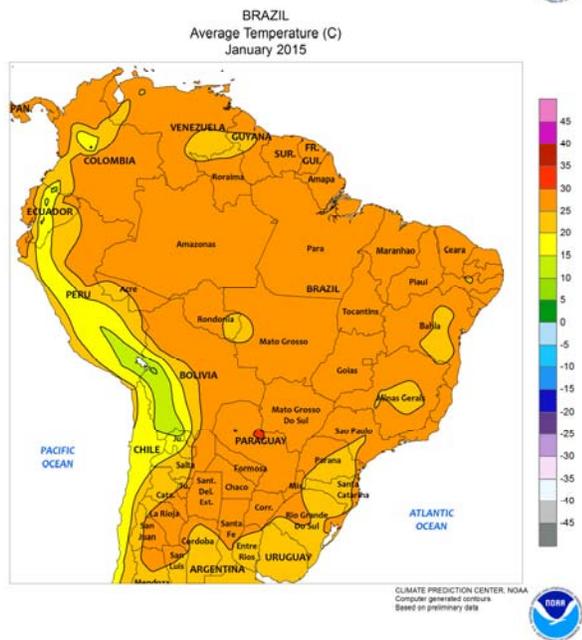
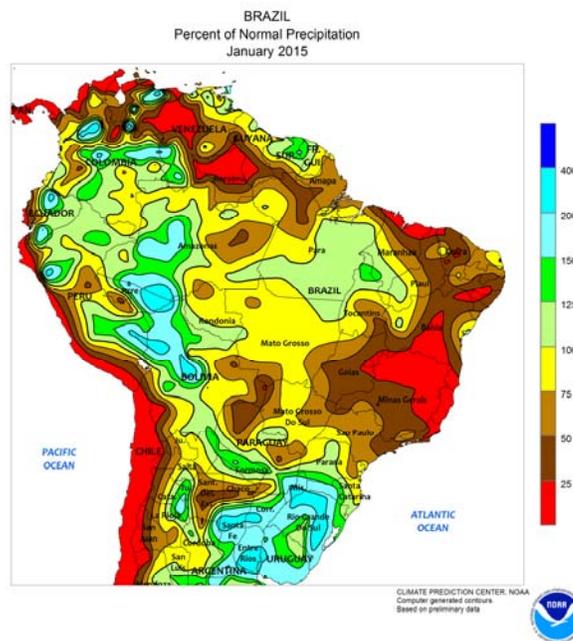
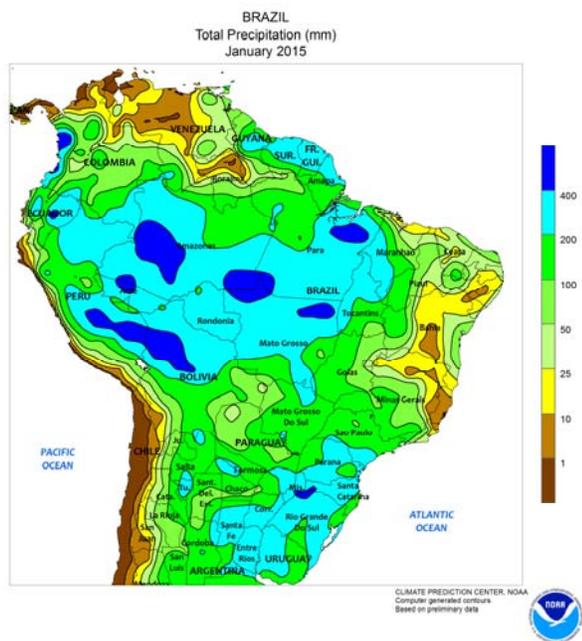
moisture for vegetative summer crops, which can be planted as late as early January and typically reproduce later in the summer. Similar conditions prevailed in Limpopo, with some western locations recording monthly totals below 25 mm. Drier-than-normal weather also persisted in irrigated sugarcane areas of southern KwaZulu-Natal, combining with summer warmth to reduce moisture for production of normal levels of sugar. Periodic showers boosted irrigation reserves in Eastern Cape and nearby locations in the upper Orange River Valley (western Free State and adjacent areas of Northern Cape). Warm weather accompanied seasonably light rain, fostering development of tree and vine crops in Western Cape.



**ARGENTINA**

During January, frequent, locally heavy showers maintained overall favorable conditions for summer grains and oilseeds in most major farming areas. Monthly accumulations exceeded 100 mm throughout the traditionally higher-yielding corn and soybean areas of central Argentina, with higher amounts (greater than 200 mm) likely flooding low-lying farming areas of the lower Parana River Valley (northern Buenos Aires and parts of Santa Fe and Entre Rios). In contrast, drier conditions prevailed in the southern production areas of La Pampa and Buenos Aires. Monthly temperatures averaged near normal

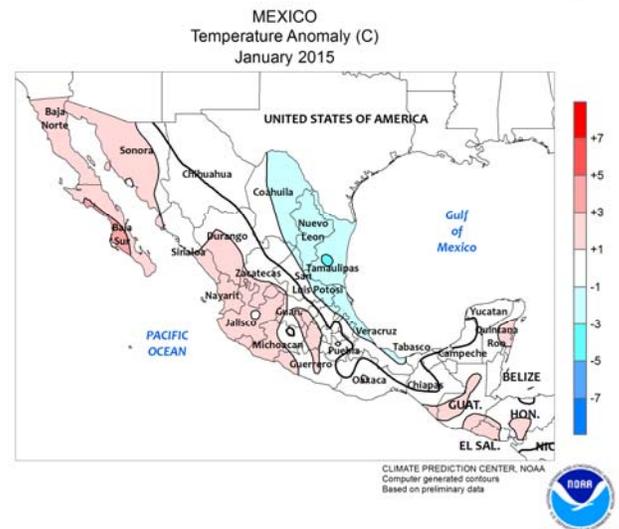
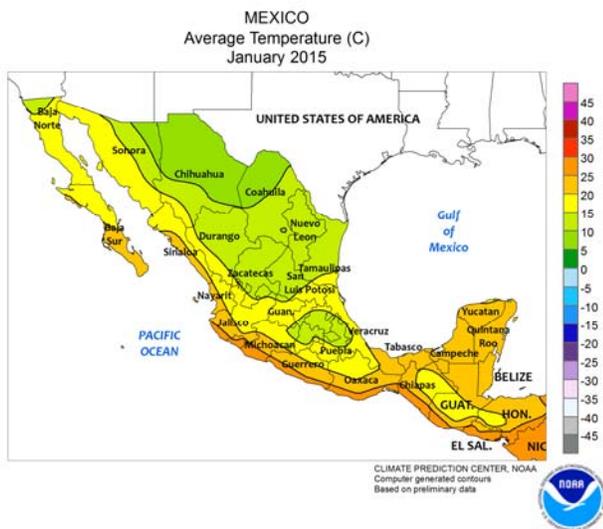
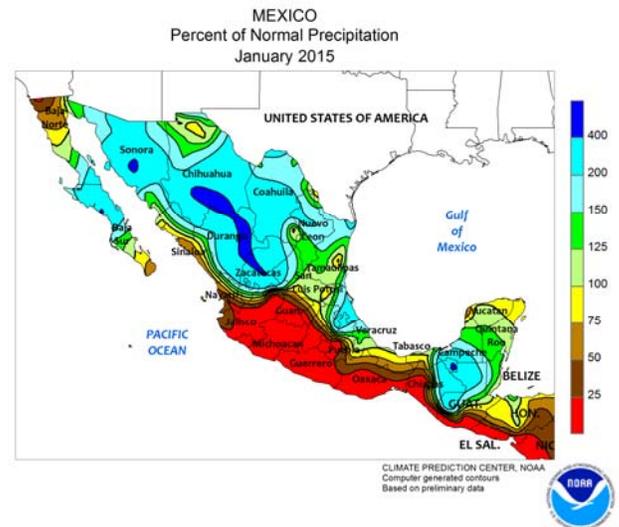
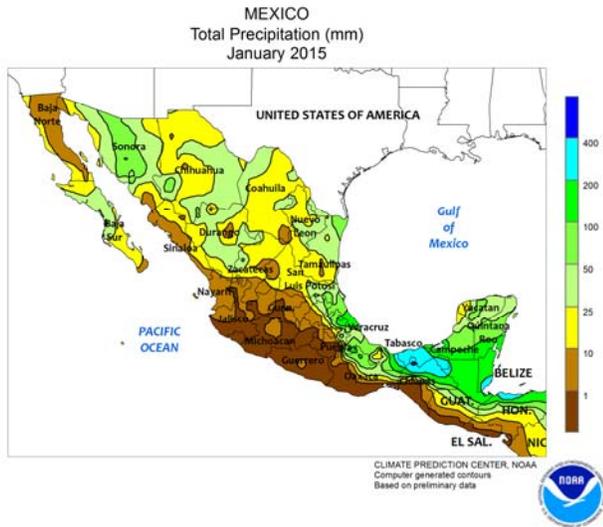
(highs only occasionally reaching the middle 30s degrees C), allowing most crops to advance through reproductive stages of development in the absence of stressful heat. Scattered, locally heavy rain also maintained generally favorable crop prospects across northern Argentina, though pockets of below-normal rainfall were evident in some western areas (notably Santiago del Estero and nearby locations in Chaco), limiting moisture for summer grains, oilseeds, and cotton. Monthly temperatures averaged 1°C above normal in drier western areas, with daytime highs periodically approaching 40°C in spots.



**BRAZIL**

During the first 3 weeks of January, warmer- and drier-than-normal weather reduced moisture for vegetative to filling summer row crops in central Brazil's eastern production areas. The untimely warmth and dryness, which began in late December, affected soybeans and first crop corn in sections of Goias, Minas Gerais, Bahia, and Piau; some locations recorded little to no rain for a period spanning 3 to 4 weeks, with temperatures frequently reaching the middle 30s (degrees C). Late-month showers brought some relief from the dryness and helped to temporarily lower temperatures to more seasonable levels.

Rainfall was also below normal in other parts of the Center-West and northeastern interior region, though most areas received well over 100 mm for the month. In Mato Grosso, periods of dryness during the latter half of January supported soybean harvesting and planting of second-crop (safrinha) corn. Meanwhile frequent, occasionally heavy rain maintained abundant levels of moisture for immature corn and soybeans throughout major southern production areas (Parana to Rio Grande do Sul), where summer warmth (monthly temperatures averaging 1-2°C above normal), spurred rapid development of generally well watered crops.

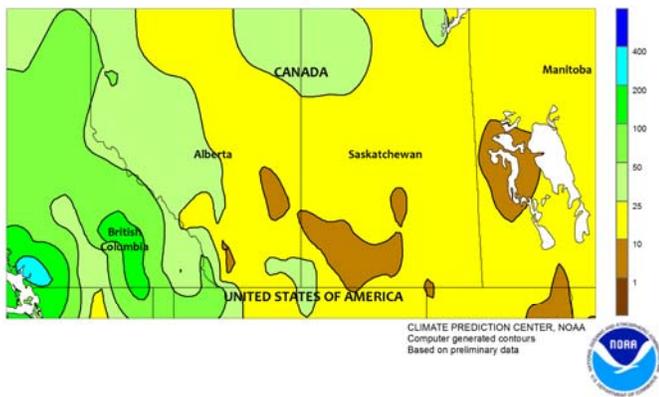


**MEXICO**

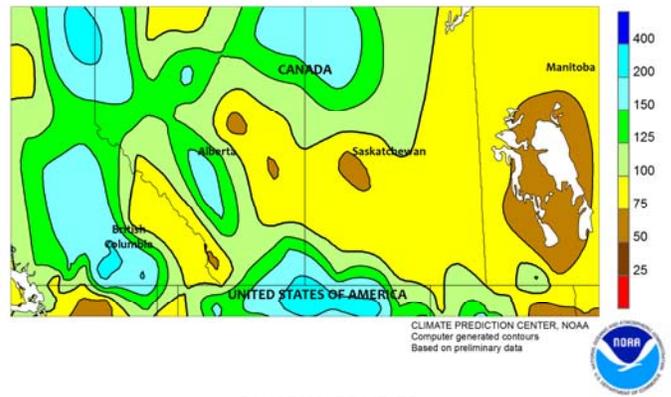
For much of January, warm, generally dry weather fostered development of irrigated winter grains in key northwestern production areas. However, an unseasonable surge of moisture late in the month boosted local irrigation reserves, particularly in Sonora, where local amounts exceeded 50 mm. In the northeast, mid-month rain provided timely moisture for germination of rain-fed winter sorghum in the main production areas in and around Tamaulipas. Elsewhere, early-month

showers boosted moisture reserves for fruit and other winter-grown crops in the southeast, including key production areas in Veracruz and Tabasco. Meanwhile, seasonable dryness aided summer crop harvesting and other fieldwork on the southern plateau and along the southern Pacific Coast. According to the Government of Mexico, total National reservoir levels were at 51.8 percent capacity as of January 30, compared with 67.8 last year and 43.0 in 2013.

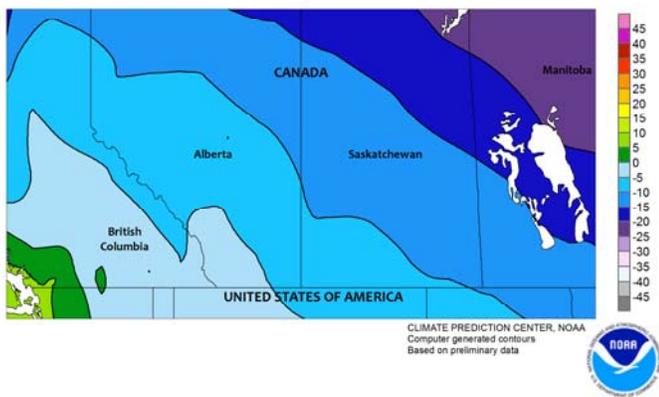
CANADIAN PRAIRIES  
Total Precipitation (mm)  
January 2015



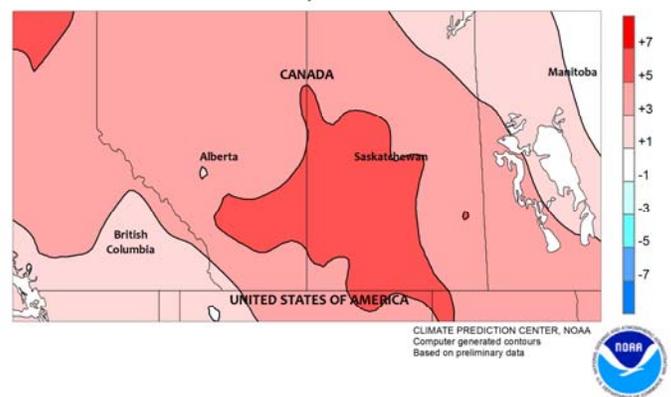
CANADIAN PRAIRIES  
Percent of Normal Precipitation  
January 2015



CANADIAN PRAIRIES  
Average Temperature (C)  
January 2015



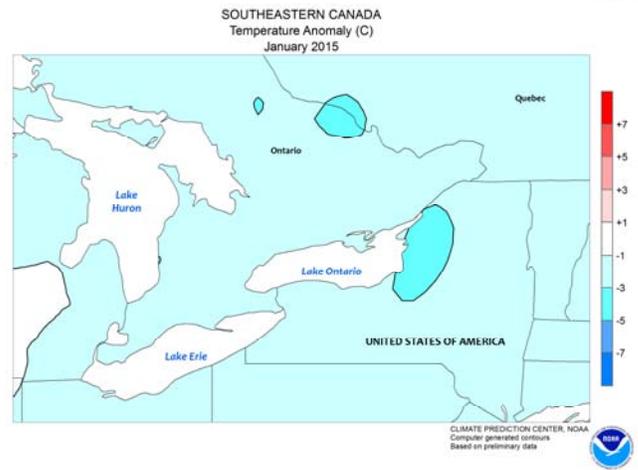
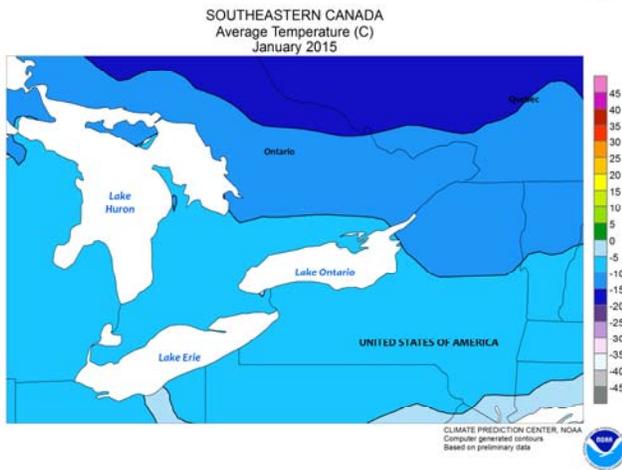
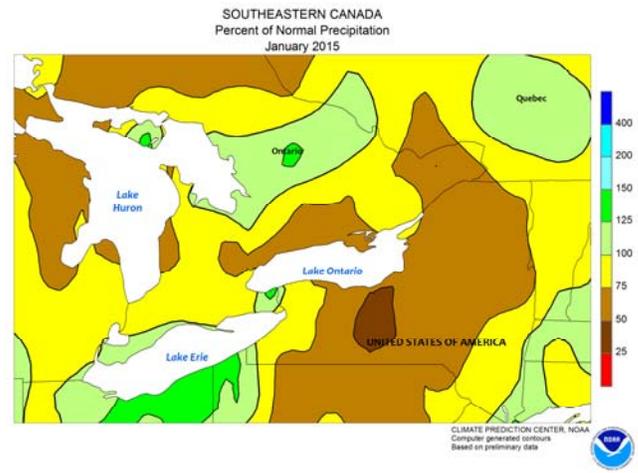
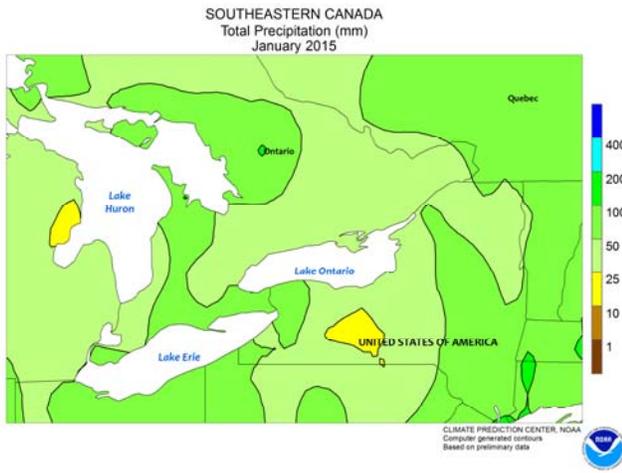
CANADIAN PRAIRIES  
Temperature Anomaly (C)  
January 2015



**CANADIAN PRAIRIES**

Some southern farming areas began the month of January with only patchy snow cover, due to the continuation of mild late-December weather. Cold weather quickly descended upon the region but most areas received snow before temperatures fell to levels potentially harmful to overwintering crops (-20°C or lower). A warming trend returned to the region by the middle of January, lasting for several weeks and melting snow in southern agricultural

districts in Alberta and Saskatchewan. Snow fell as cold weather returned on January 31 but some locations received only trace amounts (as depicted by satellite estimates). As a result of the predominance of warm weather during the month, January temperatures averaged 3 to 5°C above normal. Precipitation was near to above normal, with most areas receiving at least 10 mm (liquid equivalent), often starting in the form of rain on some of the warmer days.



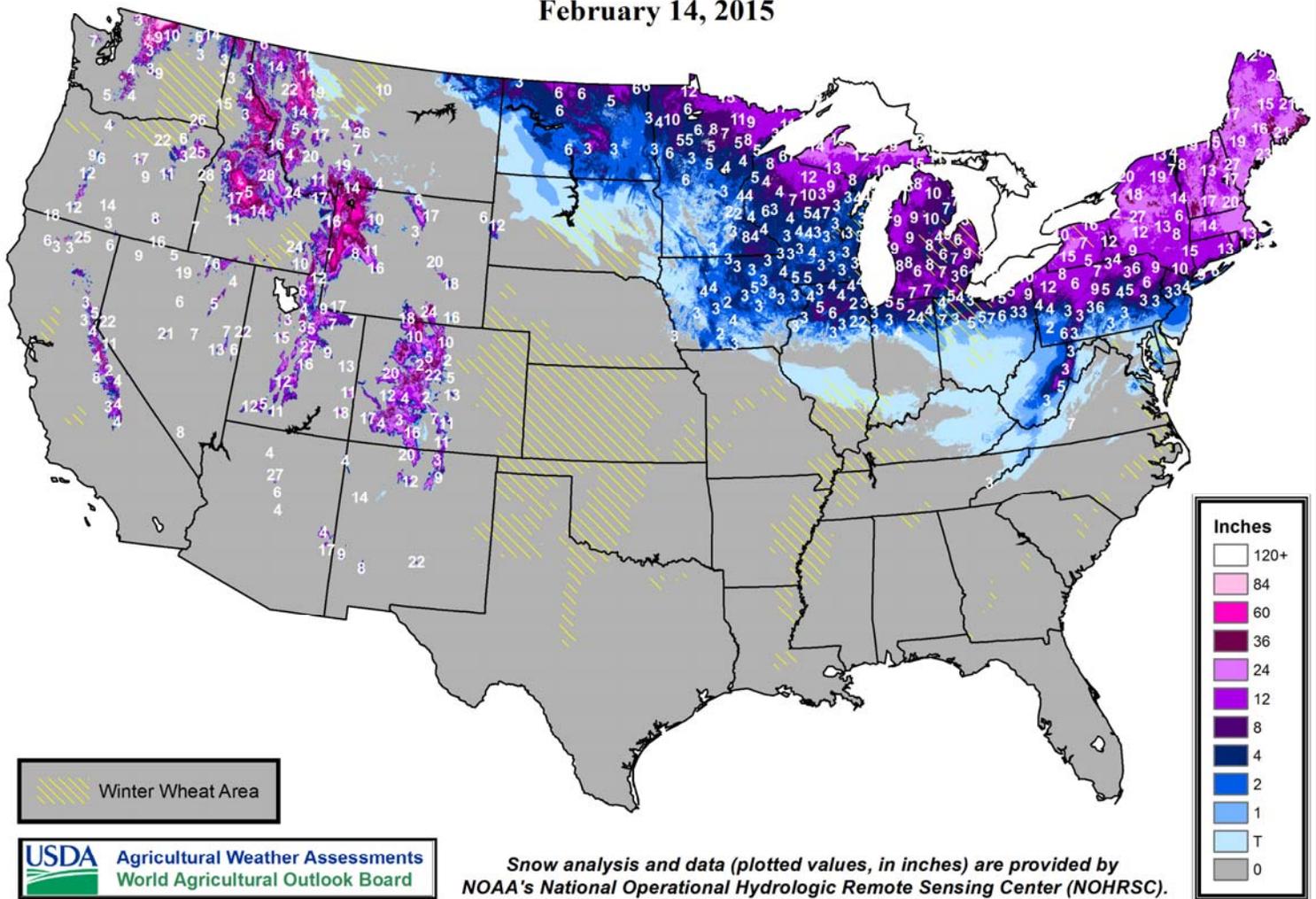
**SOUTHEASTERN CANADA**

Colder-than-normal weather dominated Ontario and Quebec for most of January. While most areas retained a protective layer of snow during the coldest periods, snow cover was patchy in southern-most sections of Ontario on several days when temperatures fell below  $-17^{\circ}\text{C}$ , raising concern for potential damage to overwintering grains and pastures. Despite the occasional warm days, monthly

temperatures averaged 2 to  $3^{\circ}\text{C}$  below normal across the region. Precipitation was highly variable, totaling more than 50 mm (liquid equivalent) in Quebec, as well as northern and eastern farming areas of Ontario. Precipitation — some of which fell in the form of rain — was generally lighter in southwestern Ontario, limiting the accumulation of snow cover.

# Snow Depth

February 14, 2015



The *Weekly Weather and Crop Bulletin* (ISSN 0043-1974) is jointly prepared by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) and the U.S. Department of Agriculture (USDA). Publication began in 1872 as the *Weekly Weather Chronicle*. It is issued under general authority of the Act of January 12, 1895 (44-USC 213), 53rd Congress, 3rd Session. The contents may be redistributed freely with proper credit.

Correspondence to the meteorologists should be directed to:  
**Weekly Weather and Crop Bulletin, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.**

Internet URL: <http://www.usda.gov/oce/weather>

E-mail address: [brippey@oce.usda.gov](mailto:brippey@oce.usda.gov)

The *Weekly Weather and Crop Bulletin* and archives are maintained on the following USDA Internet URL:  
<http://www.usda.gov/oce/weather/pubs/Weekly/Wwcb/index.htm>

## U.S. DEPARTMENT OF AGRICULTURE World Agricultural Outlook Board

Managing Editor.....**Brad Rippey** (202) 720-2397  
 Production Editor.....**Brian Morris** (202) 720-3062  
 International Editor.....**Mark Brusberg** (202) 720-2012  
 Editorial Advisors.....**Charles Wilbur and Brenda Chapin**  
 Agricultural Weather Analysts.....**Harlan Shannon  
 and Eric Luebehusen**

## National Agricultural Statistics Service

Agricultural Statistician and State Summaries Editor.....  
**Tony Dahlman** (202) 720-7621

## U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration National Weather Service/Climate Prediction Center

Meteorologists.....**David Miskus, Brad Pugh, Adam Allgood,  
 and Randy Schechter**

USDA is an equal opportunity provider and employer. To file a complaint of discrimination, write: USDA, Office of the Assistant Secretary for Civil Rights, Office of Adjudication, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (866) 632-9992 (Toll-Free Customer Service), (800) 877-8339 (Local or Federal relay), (866) 377-8642 (Relay voice users).