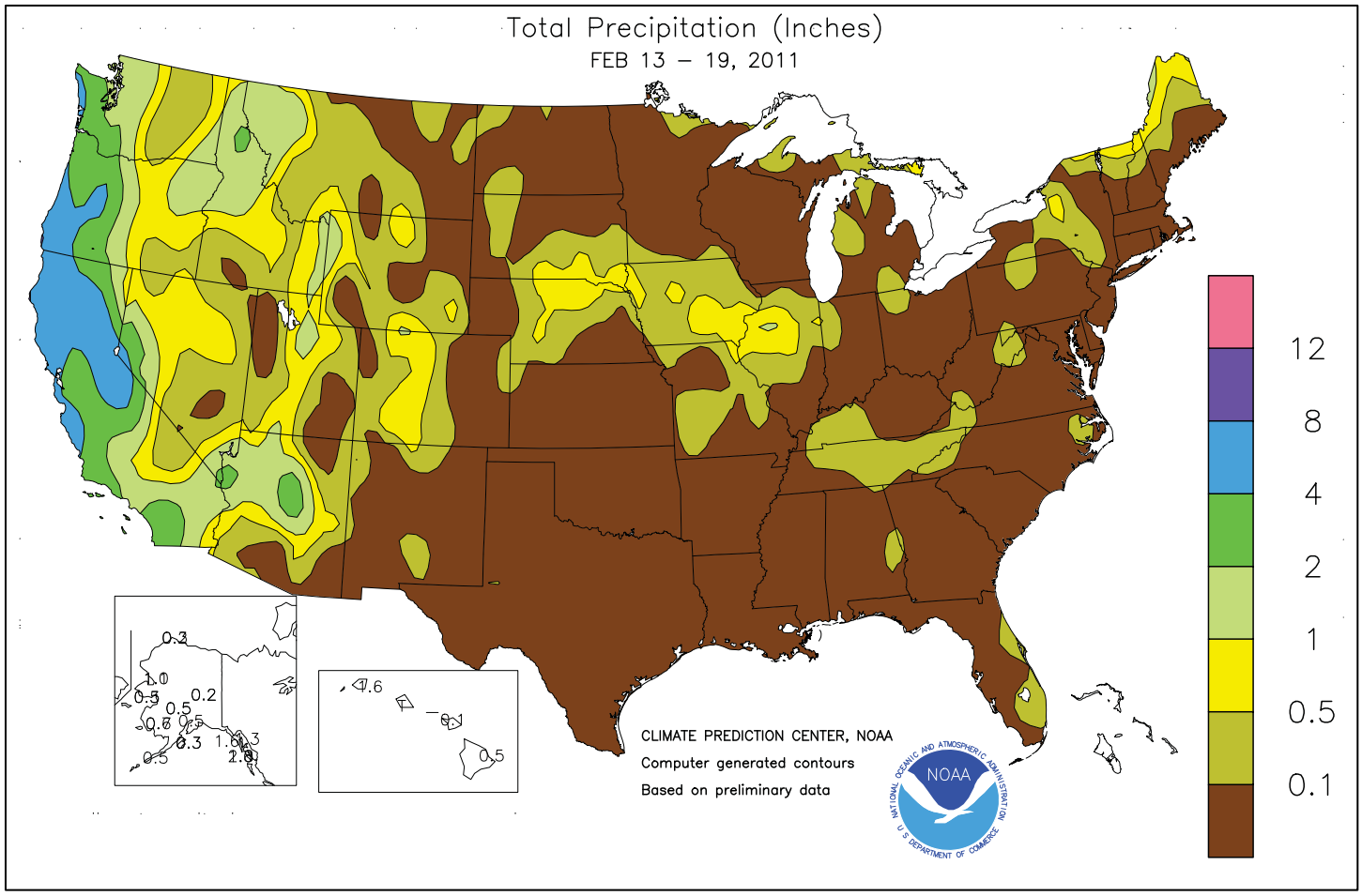
Volume 98, No. 8 http://www.usda.gov/oce/weather February 23, 2011

# 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

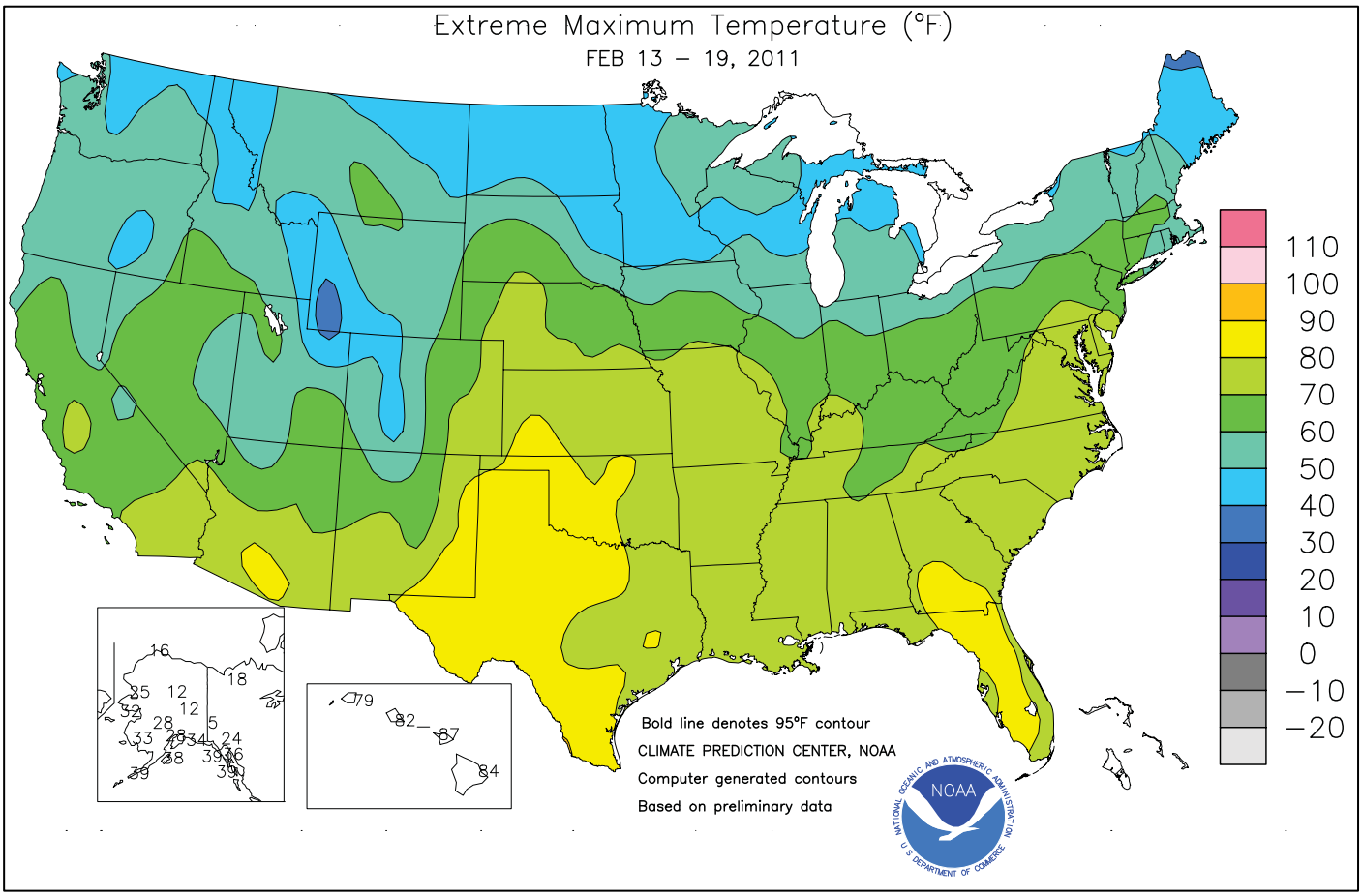
## February 13 - 19, 2011

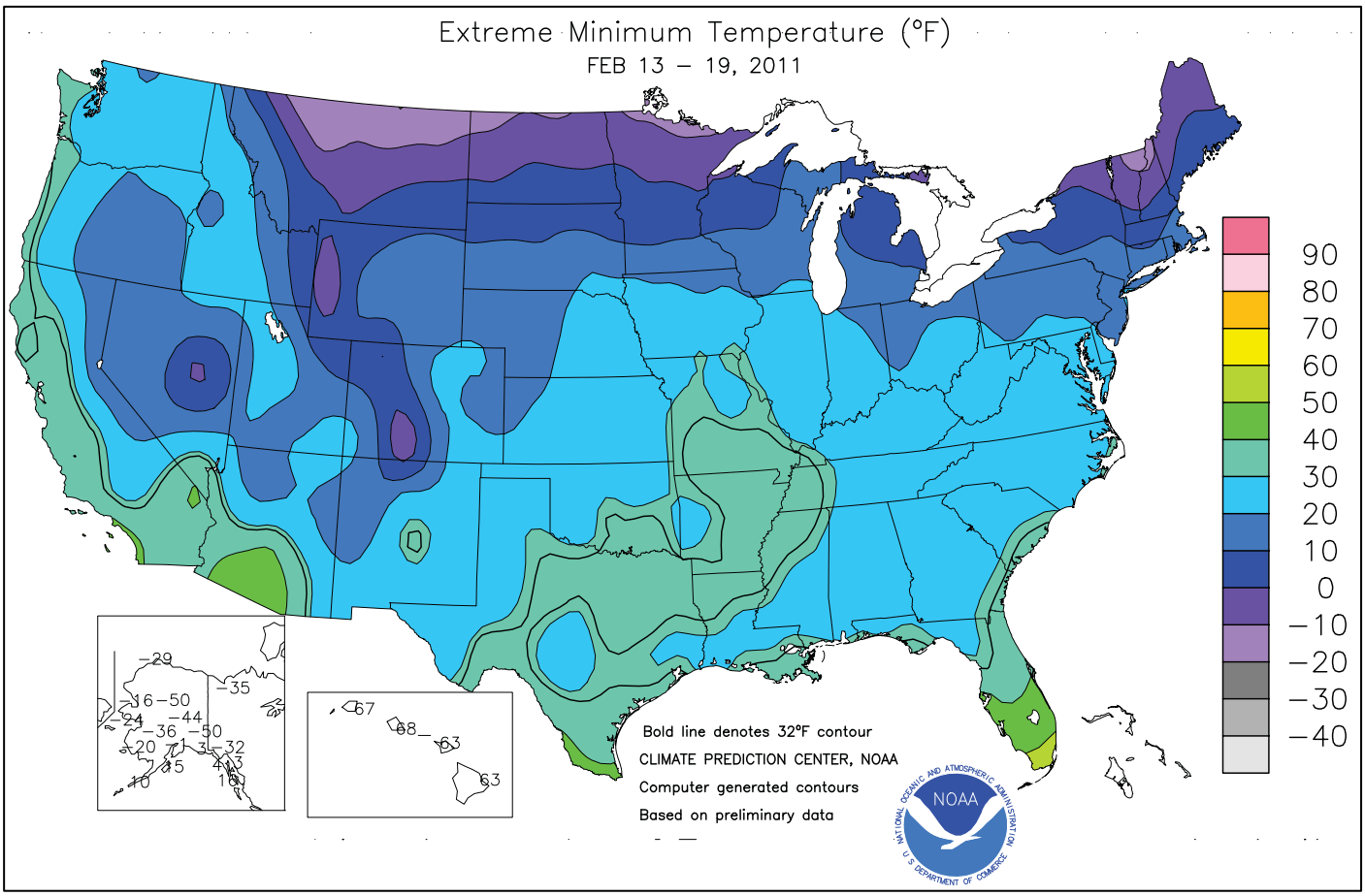
*Highlights provided by USDA/WAOB*

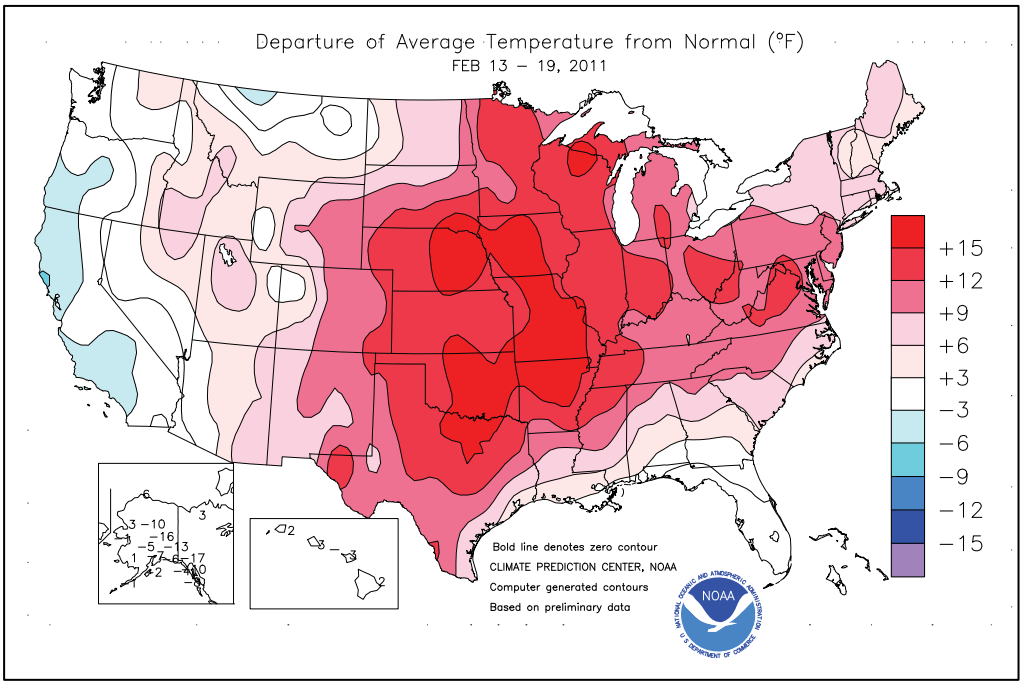
The **West's** first significant storminess since late-December 2010 resulted in highly beneficial snowfall in key watershed areas of **California** and the **Northwest**. Toward week's end, much-needed moisture also spread into the **Southwest**. Meanwhile on the **central and southern Plains**, dry weather and a rapid warming trend further stressed pastures, winter grains, and livestock. At the height of the warm spell, several brush and grass fires—including a 16,000-acre complex in **Lipscomb County, TX**—affected the **southern Plains**. Farther

*(Continued on page 3)*

**Contents**


Extreme Maximum Temperature (°F)
FEB 13 – 19, 2011
110
100
90
80
70
60
50
40
30
20
10
0
−10
−20
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data
NOAA


Extreme Minimum Temperature (°F)
FEB 13 – 19, 2011
90
80
70
60
50
40
30
20
10
0
−10
−20
−30
−40
Bold line denotes 32°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data
NOAA

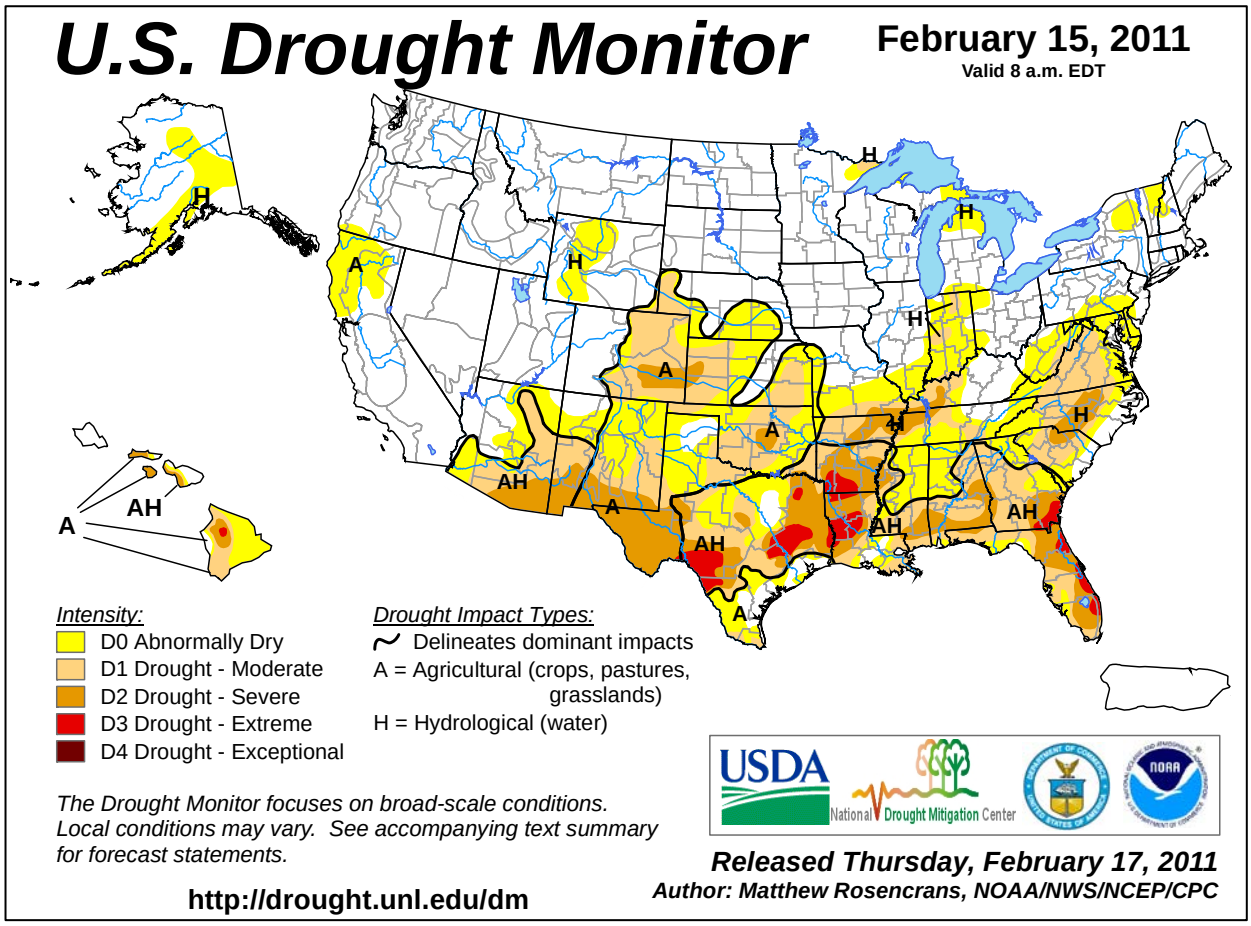


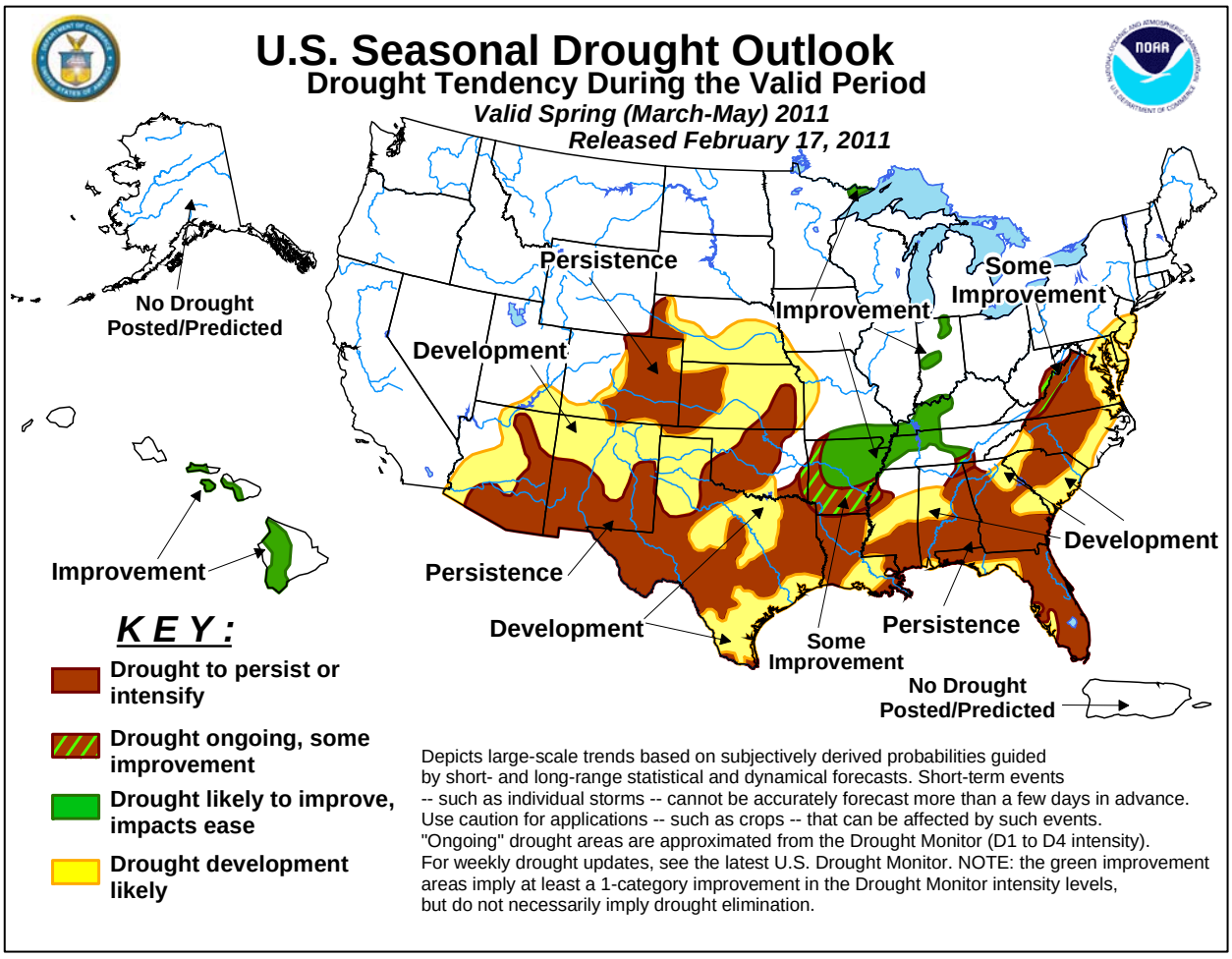

*(Continued from front cover)*
north, widespread precipitation accompanied a late-week return to cold weather across the **northern Plains** and the **Midwest**. Elsewhere, warm, dry weather also prevailed for much of the week across the **South**. The **Southern** warmth promoted fieldwork and early-season growth of pastures and winter grains, although drought remained a concern. In fact, late-week warmth and winds helped to trigger an explosion of wildfires from the **interior Southeast into the southern Mid-Atlantic States**. Cold air quickly retreated, pushing weekly temperatures 10 to 20°F above normal across much of the **Plains**, **Midwestern**, and **Mid-Atlantic States**. Temperatures peaked at 80°F or higher throughout the **southern High Plains** on February 16-17. In addition, the **central and southern Plains** witnessed a dramatic temperature rise—as much as 80 to 110°F in a 6-day period from February 10-16. In contrast, near- to below-normal temperatures returned to the **Pacific Coast States**, following last week's warmth.

Early in the week, warm, breezy weather arrived across the **West** and **North**. On February 13, **Imperial, NE** (72°F), posted a daily-record high, while **Pierre, SD**, recorded a wind gust to 66 mph. The following day, record highs for February 14 reached 58°F in both **Helena, MT**, and **Salt Lake City, UT. Helena** and **Salt Lake City** (both 58°F) also collected daily-record highs on February 15, along with locations such as **Douglas, AZ**, and **Childress, TX** (both 79°F). **North Platte, NE** (67 and 71°F), tallied consecutive daily-record highs on February 15-16, just days after noting a daily-record low (-18°F on February 9). Similarly in **Oklahoma**, **Tulsa's** daily-record high (79°F on February 17) occurred a week after a daily-record low (-12°F on February 10). Farther north, **Hibbing, MN** (60°F on February 16), eclipsed its monthly record high of 57°F, previously established on February 24, 1976. Consecutive daily-record highs were observed in several locations, including **Wichita Falls, TX** (82 and 84°F on February 16-17, respectively), and **Harrisburg, PA** (67 and 69°F on February 17-18, respectively). Daily-record highs reached 87°F (on February 16) in **Childress, TX**, and 78°F in **Raleigh-Durham, NC.** On February 19, **Mobile, AL**, and **Columbus, GA** (both 80°F), notched daily-record highs. In contrast, frigid weather returned to parts of **Montana**, where **Turner** (-24°F) registered its lowest temperature on record for February 19. Late in the week, high winds returned to many areas, including the **Midwest**, **Northeast**, and **Southwest**. On February 19, wind gusts were clocked to 77 mph in **Albuquerque, NM**, and 74 mph in **Worcester, MA.** The winds helped to spread mid- to late-week wildfires in several regions. For example, wildfires in **Lipscomb County, TX**, charred nearly 16,000 acres, while more than 6,000 acres burned northwest of **Harrisonburg, VA.**

Following a 6-week lull, mid-February storms added approximately 5 inches of liquid to the **Sierra Nevada** snow pack. At lower elevations, daily-record rainfall totals for February 15 included 2.65 inches in **Mt. Shasta City, CA**, and 0.84 inch in **Pendleton, OR. Ely, NV,** received daily-record snowfall totals on February 16 and 19 (4.6 and 4.9 inches, respectively). Elsewhere in **Nevada**, **Reno** (6.9 inches on February 18) also received a daily-record snowfall. **Reno's** 4-day (February 16-19) total reached 13.2 inches. Toward week's end, heavy precipitation spread southward across the **West**. **Santa Maria, CA** (1.77 inches) netted a daily-record rainfall total for February 18. Farther inland, **Kingman, AZ**, was pounded by a 1.50-inch rainfall on February 19. **Flagstaff, AZ**, received 17.9 inches of snow from February 18-20. **Flagstaff's** only other measurable snowfall since the beginning of the year was a 1.2-inch accumulation on January 31. Meanwhile in **Utah's Wasatch Range**, February 18-21 snowfall topped 3 feet in several locations, including **Alta**. By late February 19, the first snowflakes of a major winter storm reached the **north-central U.S.** The following day, February 20, snowfall in **South Dakota** included 16.0 inches in **Aberdeen** and 11.8 inches in **Pierre**.

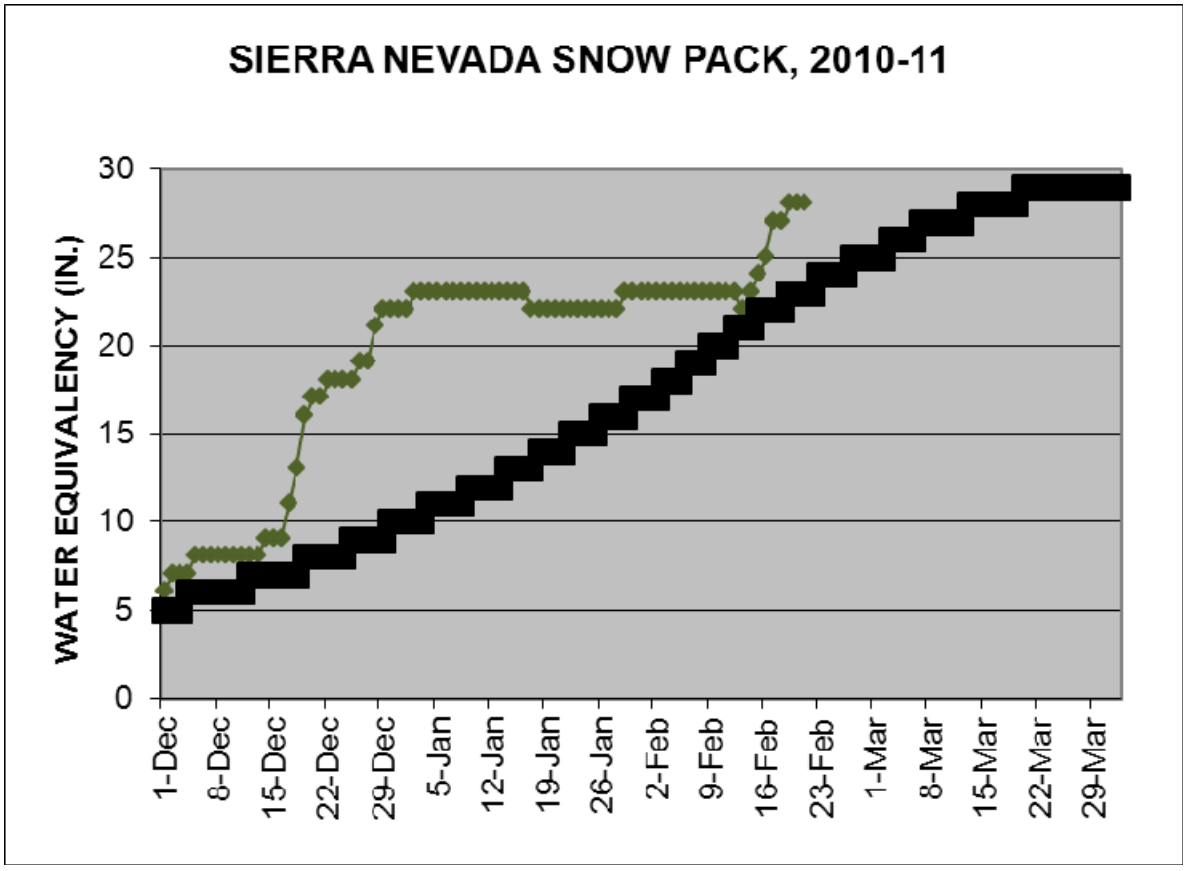
Cold weather lingered for much of the week across **interior Alaska**, while mild, stormy weather developed farther west. **Fairbanks** (-44°F on February 15) noted its lowest temperature since January 11, 2009. In **western Alaska**, weekly snowfall totaled 13.6 inches in **Kotzebue** and 12.2 inches in **Nome**. Additional snowfall in those two locations on February 20 reached 7.1 and 6.4 inches, respectively. Meanwhile in **Juneau**, the weekly snowfall of 18.8 inches was aided by a daily-record sum of 9.3 inches on February 19. Farther south, significant **Hawaiian** rainfall was mostly confined to the **western half of the state**. Some of the heaviest rain fell on February 19-20, when 24-hour totals on **Oahu** reached 3.82 inches in **Luluku** and 3.47 inches at the **Wilson Tunnel**. Warm, mostly dry weather prevailed farther east, where **Kahului, Maui** (86°F), posted a daily-record high for February 16.

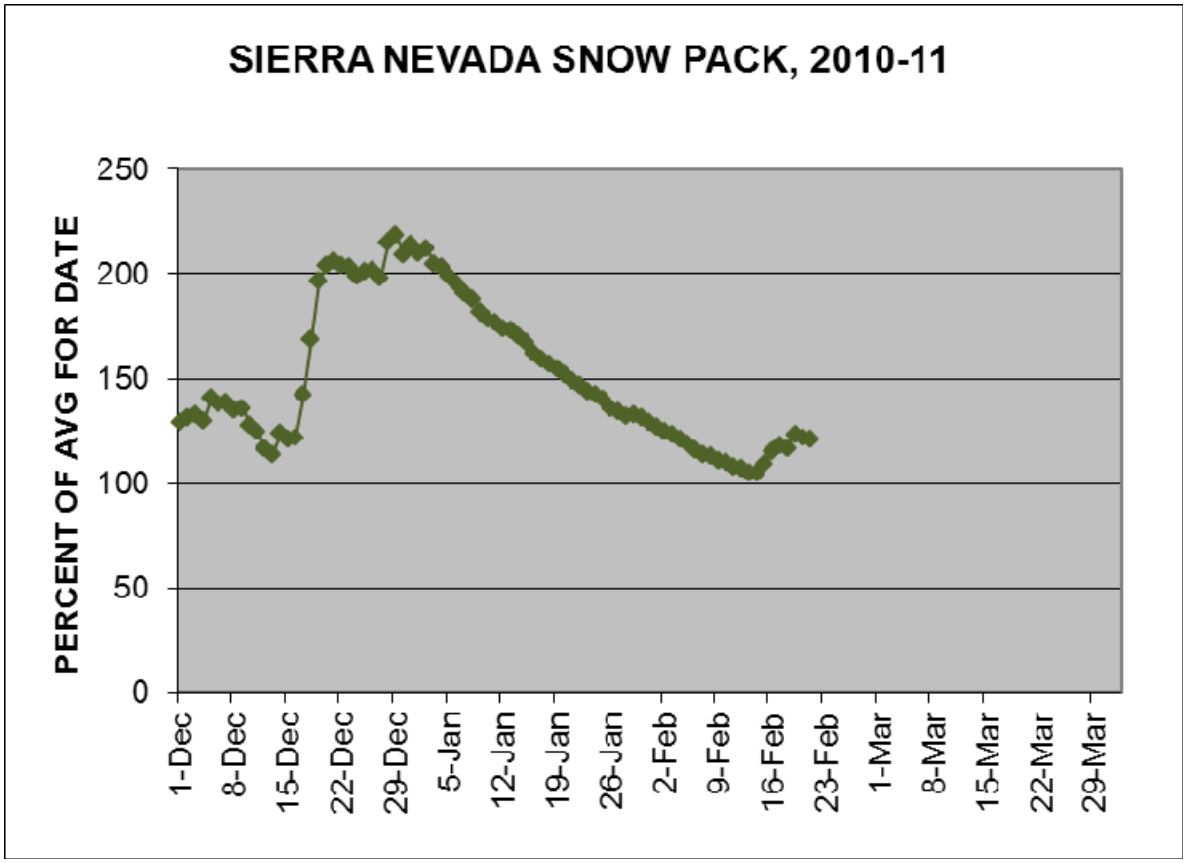

U.S. Drought Monitor
February 15, 2011
Valid 8 a.m. EDT
Intensity:
D0 Abnormally Dry
D1 Drought - Moderate
D2 Drought - Severe
D3 Drought - Extreme
D4 Drought - Exceptional
Drought Impact Types:
Delineates dominant impacts
A = Agricultural (crops, pastures, grasslands)
H = Hydrological (water)
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
http://drought.unl.edu/dm
USDA
National Drought Mitigation Center
Released Thursday, February 17, 2011
Author: Matthew Rosencrans, NOAA/NWS/NCEP/CPC


U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid Spring (March-May) 2011
Released February 17, 2011
No Drought Posted/Predicted
Persistence
Some Improvement
Improvement
Development
Improvement
Persistence
Development
Development
Persistence
Some Improvement
No Drought Posted/Predicted
KEY:
Drought to persist or intensify
Drought ongoing, some improvement
Drought likely to improve, impacts ease
Drought development likely
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

# Daily Sierra Nevada Snow Pack vs. Normal, 2010-11

*Source: California Department of Water Resources*



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

## Weather Data for the Week Ending February 19, 2011

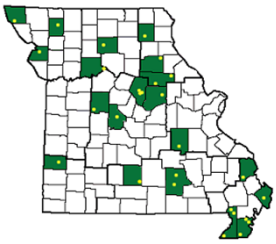
**Data Provided by the Mississippi State Delta Research and Extension Center (DREC) and the University of Missouri Commercial Agriculture Program.**

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | 4-INCH SOIL TEMP. °F | | NUMBER OF DAYS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | TEMP. °F | | PRECIP | |
| | | 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 DEC01 | PCT. NORMAL SINCE DEC01 | TOTAL IN., SINCE JAN01 | PCT. NORMAL SINCE JAN01 | AVERAGE MAXIMUM | AVERAGE MINIMUM | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| MISSISSIPPI | | | | | | | | | | | | | | | | | | | | |
| ND | TUNICA 1W | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | LYON | 70 | 48 | 78 | 36 | 59 | - | 0.00 | - | 0.00 | 3.81 | - | 2.51 | - | 53 | 48 | 0 | 0 | 0 | 0 |
| | VANCE | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | PERTHSHIRE | 69 | 47 | 77 | 33 | 58 | - | 0.00 | - | 0.00 | 4.50 | - | 3.98 | - | 57 | 47 | 0 | 0 | 0 | 0 |
| | SCOTT | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | SANDY RIDGE | 69 | 49 | 76 | 39 | 59 | - | 0.00 | - | 0.00 | 4.04 | - | 3.02 | - | 57 | 42 | 0 | 0 | 0 | 0 |
| NE | VERONA | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SD | STONEVILLE x | 68 | 44 | 72 | 33 | 56 | 9 | 0.00 | -1.09 | 0.00 | 4.96 | 36 | 4.10 | 49 | 61 | 45 | 0 | 0 | 0 | 0 |
| | INDIANOLA 1S* | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | INVERNESS 5E | 70 | 48 | 77 | 35 | 59 | - | 0.00 | - | 0.00 | 5.46 | - | 3.91 | - | 55 | 48 | 0 | 0 | 0 | 0 |
| | SIDON | 71 | 49 | 79 | 35 | 60 | - | 0.00 | - | 0.00 | 4.95 | - | 3.51 | - | - | - | 0 | 0 | 0 | 0 |
| | NORTH ISSAQUENA | 69 | 49 | 76 | 38 | 59 | - | 0.00 | - | 0.00 | 7.23 | - | 5.32 | - | 55 | 50 | 0 | 0 | 0 | 0 |
| | SILVER CITY | 70 | 48 | 78 | 36 | 59 | - | 0.00 | - | 0.00 | 9.48 | - | 5.28 | - | 55 | 41 | 0 | 0 | 0 | 0 |
| | ONWARD | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | MAYDAY | 71 | 49 | 79 | 37 | 60 | - | 0.00 | - | 0.00 | 8.69 | - | 5.79 | - | 53 | 41 | 0 | 0 | 0 | 0 |
| MISSOURI | | | | | | | | | | | | | | | | | | | | |
| NW | CORNING | 57 | 35 | 72 | 31 | 45 | 14 | 0.09 | -0.17 | 0.09 | 0.47 | 19 | 0.43 | 31 | - | - | 0 | 4 | 1 | 0 |
| | ALBANY | 55 | 33 | 72 | 28 | 44 | 13 | 0.05 | -0.33 | 0.04 | 0.61 | 21 | 0.37 | 23 | 37 | 33 | 0 | 4 | 2 | 0 |
| | ST. JOSEPH | 56 | 37 | 72 | 32 | 46 | 13 | 0.00 | -0.27 | 0.00 | 0.65 | 24 | 0.44 | 31 | - | - | 0 | 0 | 0 | 0 |
| NC | LINNEUS | 53 | 34 | 71 | 28 | 44 | 12 | 0.01 | -0.41 | 0.01 | 0.95 | 29 | 0.40 | 22 | 36 | 32 | 0 | 2 | 1 | 0 |
| | BRUNSWICK | 53 | 34 | 71 | 27 | 43 | 10 | 0.02 | -0.42 | 0.02 | 1.08 | 28 | 0.35 | 16 | 37 | 34 | 0 | 3 | 1 | 0 |
| NE | NOVELTY | 52 | 34 | 69 | 31 | 43 | 11 | 0.13 | -0.25 | 0.13 | 1.47 | 37 | 0.47 | 23 | 36 | 32 | 0 | 2 | 1 | 0 |
| | MONROE CITY | 56 | 35 | 72 | 29 | 45 | 12 | 0.23 | -0.31 | 0.23 | 1.73 | 36 | 0.63 | 24 | 36 | 32 | 0 | 3 | 1 | 0 |
| WC | GREEN RIDGE | 56 | 38 | 72 | 33 | 47 | 13 | 0.12 | -0.20 | 0.12 | 1.29 | 27 | 0.44 | 17 | 43 | 37 | 0 | 0 | 1 | 0 |
| C | AUXVASSE | 58 | 38 | 74 | 32 | 47 | 14 | 0.18 | -0.28 | 0.18 | 2.86 | 51 | 0.84 | 27 | 36 | 34 | 0 | 1 | 1 | 0 |
| | COL-SANBORN FLD | 60 | 41 | 75 | 34 | 50 | 14 | 0.39 | -0.10 | 0.39 | 3.04 | 55 | 1.00 | 31 | 45 | 39 | 0 | 0 | 1 | 0 |
| | WILLIAMSBURG | 60 | 39 | 76 | 32 | 49 | 15 | 0.04 | -0.46 | 0.04 | 2.94 | 47 | 0.55 | 16 | 40 | 36 | 0 | 0 | 1 | 0 |
| | COL-JEFFERS F&G | 60 | 40 | 74 | 33 | 49 | 14 | 0.12 | -0.38 | 0.12 | 2.56 | 47 | 0.48 | 15 | 41 | 37 | 0 | 0 | 1 | 0 |
| | COL SOUTH FARMS | 59 | 39 | 75 | 32 | 49 | 14 | 0.13 | -0.37 | 0.13 | 3.04 | 55 | 0.62 | 19 | - | - | 0 | 0 | 1 | 0 |
| | COL-BF | 59 | 37 | 73 | 29 | 47 | 12 | 0.10 | -0.40 | 0.10 | 2.09 | 38 | 0.55 | 17 | 41 | 36 | 0 | 2 | 1 | 0 |
| | VERSAILLES | 61 | 42 | 75 | 35 | 51 | 14 | 0.31 | -0.22 | 0.31 | 2.61 | 47 | 0.92 | 30 | 47 | 40 | 0 | 0 | 1 | 0 |
| EC | VANDALIA | 56 | 35 | 71 | 29 | 45 | 13 | 0.06 | -0.47 | 0.06 | 2.31 | 41 | 0.49 | 16 | 41 | 33 | 0 | 3 | 1 | 0 |
| SW | LAMAR | 60 | 42 | 71 | 33 | 51 | 13 | 0.00 | -0.60 | 0.00 | 1.06 | 18 | 0.32 | 10 | 46 | 40 | 0 | 0 | 0 | 0 |
| SC | COOK STATION | 64 | 35 | 74 | 27 | 51 | 13 | 0.87 | 0.14 | 0.87 | 3.84 | 53 | 2.60 | 63 | 46 | 39 | 0 | 3 | 1 | 1 |
| | MOUNTAIN GROVE | 64 | 44 | 72 | 36 | 52 | 16 | 0.02 | -0.85 | 0.02 | 1.57 | 20 | 1.00 | 23 | 47 | 39 | 0 | 0 | 1 | 0 |
| SE | DELTA | 59 | 40 | 67 | 32 | 50 | 11 | 0.00 | -1.06 | 0.00 | 3.01 | 31 | 1.67 | 30 | 47 | 40 | 0 | 2 | 0 | 0 |
| | CHARLESTON | 60 | 42 | 70 | 32 | 51 | 11 | 0.03 | -1.33 | 0.03 | 4.34 | 44 | 1.77 | 29 | 49 | 40 | 0 | 1 | 1 | 0 |
| | GLENNONVILLE | 61 | 43 | 69 | 33 | 52 | 12 | 0.00 | -1.10 | 0.00 | 3.35 | 36 | 1.46 | 27 | 51 | 44 | 0 | 0 | 0 | 0 |
| | CLARKTON | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | PORTAGEVILLE DC | 62 | 44 | 70 | 35 | 53 | 12 | 0.00 | -1.50 | 0.00 | 4.83 | 45 | 2.00 | 32 | 54 | 43 | 0 | 0 | 0 | 0 |
| | PORTAGEVILLE LF | 62 | 44 | 71 | 33 | 53 | 12 | 0.00 | -1.46 | 0.00 | 4.62 | 44 | 1.74 | 28 | 52 | 42 | 0 | 0 | 0 | 0 |
| | STEELE | 63 | 43 | 69 | 35 | 53 | 12 | 0.04 | -1.34 | 0.04 | 4.15 | 37 | 1.66 | 26 | 53 | 44 | 0 | 0 | 1 | 0 |
| | CARDWELL | 63 | 43 | 70 | 33 | 53 | 12 | 0.00 | -1.28 | 0.00 | 4.00 | 37 | 1.73 | 28 | 53 | 43 | 0 | 0 | 0 | 0 |

**Compiled by USDA/OCE/WAOB's Stoneville Field Office. * Beasley Lake. X Based on 1971-2000 normals. - Sufficient data not available.**
**Data are preliminary and subject to revision.**
**Mississippi: ND = Northern Delta; NE = Northeastern Mississippi; EC = East Central Mississippi; SD = Southern Delta.**
**Missouri: NW = Northwest; NC = North Central; NE = Northeast; WC = West Central; C = Central; EC = East Central; SW = Southwest; SE = Southeast; SC = South Central**. (Col=Columbia, Col-Jeffers F&G=Columbia Jefferson Farm and Gardens, Col-BF=Bradford Farm)

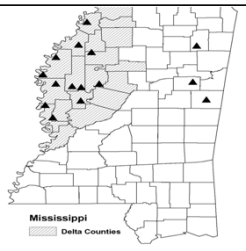
**Weather and Crop Summary for the Mississippi Delta:** A spring-like weather pattern boosted high temperatures to near 80°F late in the week. Stoneville's weekly average temperature was 9°F above normal. Dry weather led to increased field preparations, but rainfall deficits remained serious.

Missouri Weather Stations



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

Mississippi Weather Stations




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

# National Weather Data for Selected Cities

## Weather Data for the Week Ending February 19, 2011

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

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS TEMP. °F | | NUMBER OF DAYS PRECIP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| AL | BIRMINGHAM | 71 | 42 | 76 | 28 | 57 | 11 | 0.00 | -0.97 | 0.00 | 6.79 | 54 | 5.42 | 66 | 85 | 31 | 0 | 1 | 0 | 0 |
| | HUNTSVILLE | 67 | 41 | 69 | 27 | 54 | 10 | 0.00 | -1.18 | 0.00 | 9.08 | 64 | 6.85 | 79 | 73 | 47 | 0 | 1 | 0 | 0 |
| | MOBILE | 73 | 42 | 80 | 28 | 58 | 5 | 0.00 | -1.19 | 0.00 | 7.47 | 55 | 6.08 | 67 | 95 | 49 | 0 | 1 | 0 | 0 |
| | MONTGOMERY | 74 | 39 | 79 | 27 | 56 | 6 | 0.00 | -1.33 | 0.00 | 6.52 | 48 | 5.49 | 64 | 89 | 34 | 0 | 1 | 0 | 0 |
| AK | ANCHORAGE | 20 | 4 | 28 | -1 | 12 | -7 | 0.50 | 0.32 | 0.50 | 2.07 | 95 | 1.34 | 120 | 69 | 58 | 0 | 7 | 1 | 1 |
| | BARROW | -1 | -18 | 16 | -29 | -10 | 6 | 0.25 | 0.22 | 0.09 | 0.65 | 210 | 0.51 | 268 | 86 | 72 | 0 | 7 | 5 | 0 |
| | FAIRBANKS | -7 | -33 | 12 | -44 | -20 | -16 | 0.17 | 0.09 | 0.15 | 0.90 | 59 | 0.63 | 81 | *** | *** | 0 | 7 | 3 | 0 |
| | JUNEAU | 25 | 13 | 36 | 3 | 19 | -10 | 1.33 | 0.34 | 0.58 | 12.20 | 95 | 10.35 | 138 | 85 | 68 | 0 | 7 | 4 | 2 |
| | KODIAK | 33 | 23 | 38 | 15 | 28 | -2 | 0.33 | -1.08 | 0.17 | 14.06 | 71 | 10.93 | 89 | 63 | 51 | 0 | 7 | 2 | 0 |
| | NOME | 14 | -5 | 32 | -24 | 5 | -1 | 0.32 | 0.14 | 0.14 | 3.21 | 132 | 1.75 | 122 | 86 | 79 | 0 | 7 | 3 | 0 |
| AZ | FLAGSTAFF | 49 | 24 | 62 | 17 | 37 | 5 | 2.36 | 1.73 | 2.32 | 5.82 | 104 | 2.42 | 64 | 78 | 32 | 0 | 7 | 2 | 1 |
| | PHOENIX | 76 | 50 | 81 | 46 | 63 | 5 | 0.27 | 0.10 | 0.27 | 1.38 | 64 | 0.31 | 25 | 35 | 22 | 0 | 0 | 1 | 0 |
| | PRESCOTT | 59 | 32 | 67 | 21 | 45 | 5 | 0.85 | 0.40 | 0.85 | 3.86 | 96 | 0.85 | 31 | 61 | 23 | 0 | 4 | 1 | 1 |
| | TUCSON | 78 | 45 | 82 | 41 | 62 | 7 | 0.00 | -0.20 | 0.00 | 0.86 | 34 | 0.40 | 26 | 32 | 16 | 0 | 0 | 0 | 0 |
| AR | FORT SMITH | 71 | 44 | 76 | 28 | 57 | 14 | 0.00 | -0.61 | 0.00 | 4.81 | 66 | 2.67 | 68 | 87 | 46 | 0 | 1 | 0 | 0 |
| | LITTLE ROCK | 70 | 49 | 73 | 39 | 60 | 15 | 0.00 | -0.80 | 0.00 | 5.99 | 57 | 3.91 | 68 | 78 | 49 | 0 | 0 | 0 | 0 |
| CA | BAKERSFIELD | 65 | 41 | 68 | 34 | 53 | 0 | 0.15 | -0.13 | 0.08 | 6.37 | 237 | 0.55 | 28 | 72 | 52 | 0 | 0 | 3 | 0 |
| | FRESNO | 61 | 44 | 72 | 38 | 52 | 1 | 1.02 | 0.51 | 0.48 | 8.66 | 178 | 2.74 | 78 | 80 | 61 | 0 | 0 | 4 | 0 |
| | LOS ANGELES | 62 | 50 | 68 | 43 | 56 | -2 | 0.85 | 0.08 | 0.50 | 11.45 | 167 | 2.62 | 52 | 80 | 60 | 0 | 0 | 4 | 1 |
| | REDDING | 51 | 37 | 65 | 33 | 44 | -5 | 4.00 | 2.65 | 1.91 | 14.12 | 94 | 5.44 | 53 | 90 | 71 | 0 | 0 | 6 | 3 |
| | SACRAMENTO | 56 | 42 | 66 | 34 | 49 | -2 | 3.00 | 2.12 | 0.99 | 10.23 | 117 | 4.68 | 74 | 95 | 59 | 0 | 0 | 6 | 3 |
| | SAN DIEGO | 65 | 53 | 69 | 49 | 59 | 0 | 1.20 | 0.70 | 0.56 | 6.50 | 131 | 1.50 | 41 | 75 | 53 | 0 | 0 | 4 | 1 |
| | SAN FRANCISCO | 54 | 44 | 61 | 39 | 49 | -3 | 3.84 | 2.84 | 1.02 | 10.78 | 106 | 4.78 | 66 | 89 | 73 | 0 | 0 | 6 | 4 |
| | STOCKTON | 58 | 39 | 69 | 34 | 49 | -2 | 1.84 | 1.24 | 0.73 | 6.85 | 110 | 2.62 | 60 | 91 | 72 | 0 | 0 | 6 | 1 |
| CO | ALAMOSA | 52 | 14 | 56 | -3 | 33 | 11 | 0.05 | 0.02 | 0.05 | 0.82 | 126 | 0.44 | 138 | 78 | 35 | 0 | 7 | 1 | 0 |
| | CO SPRINGS | 59 | 30 | 71 | 21 | 44 | 12 | 0.03 | -0.04 | 0.03 | 0.32 | 39 | 0.25 | 63 | 57 | 17 | 0 | 6 | 1 | 0 |
| | DENVER INTL | 61 | 29 | 67 | 22 | 45 | 14 | 0.00 | -0.02 | 0.00 | 1.25 | 223 | 1.03 | 412 | 60 | 18 | 0 | 5 | 0 | 0 |
| | GRAND JUNCTION | 54 | 25 | 60 | 17 | 39 | 5 | 0.12 | 0.02 | 0.07 | 1.12 | 82 | 0.48 | 57 | 78 | 47 | 0 | 7 | 2 | 0 |
| | PUEBLO | 65 | 26 | 72 | 19 | 45 | 11 | 0.10 | 0.06 | 0.10 | 1.16 | 145 | 0.72 | 176 | 65 | 34 | 0 | 6 | 1 | 0 |
| CT | BRIDGEPORT | 47 | 25 | 57 | 17 | 36 | 4 | 0.01 | -0.68 | 0.01 | 10.19 | 112 | 6.10 | 108 | 63 | 47 | 0 | 4 | 1 | 0 |
| | HARTFORD | 48 | 22 | 62 | 10 | 35 | 6 | 0.04 | -0.66 | 0.04 | 12.73 | 135 | 6.58 | 113 | 69 | 43 | 0 | 6 | 1 | 0 |
| DC | WASHINGTON | 62 | 39 | 77 | 32 | 51 | 13 | 0.00 | -0.61 | 0.00 | 4.98 | 63 | 3.20 | 66 | 59 | 22 | 0 | 2 | 0 | 0 |
| DE | WILMINGTON | 56 | 33 | 70 | 23 | 44 | 10 | 0.00 | -0.66 | 0.00 | 6.72 | 78 | 4.31 | 83 | 71 | 28 | 0 | 4 | 0 | 0 |
| FL | DAYTONA BEACH | 71 | 46 | 79 | 32 | 59 | -1 | 0.05 | -0.60 | 0.04 | 5.84 | 77 | 5.46 | 112 | 97 | 49 | 0 | 1 | 2 | 0 |
| | JACKSONVILLE | 72 | 44 | 81 | 31 | 58 | 3 | 0.00 | -0.75 | 0.00 | 11.12 | 131 | 10.78 | 185 | 95 | 43 | 0 | 1 | 0 | 0 |
| | KEY WEST | 74 | 62 | 78 | 58 | 68 | -3 | 0.00 | -0.36 | 0.00 | 3.22 | 59 | 2.64 | 80 | 86 | 59 | 0 | 0 | 0 | 0 |
| | MIAMI | 77 | 60 | 80 | 52 | 68 | -1 | 0.15 | -0.37 | 0.09 | 3.99 | 73 | 2.78 | 85 | 78 | 43 | 0 | 0 | 2 | 0 |
| | ORLANDO | 77 | 49 | 84 | 37 | 63 | 1 | 0.00 | -0.55 | 0.00 | 6.96 | 112 | 6.18 | 159 | 89 | 36 | 0 | 0 | 0 | 0 |
| | PENSACOLA | 69 | 44 | 77 | 33 | 57 | 2 | 0.02 | -1.09 | 0.01 | 8.53 | 69 | 7.05 | 84 | 94 | 51 | 0 | 0 | 2 | 0 |
| | TALLAHASSEE | 74 | 34 | 80 | 25 | 54 | 0 | 0.00 | -1.09 | 0.00 | 8.53 | 69 | 7.05 | 85 | 92 | 37 | 0 | 2 | 0 | 0 |
| | TAMPA | 73 | 50 | 77 | 41 | 61 | -1 | 0.00 | -0.66 | 0.00 | 7.47 | 119 | 6.92 | 175 | 88 | 42 | 0 | 0 | 0 | 0 |
| | WEST PALM BEACH | 76 | 57 | 80 | 49 | 67 | 0 | 0.16 | -0.43 | 0.16 | 3.95 | 45 | 2.65 | 47 | 78 | 49 | 0 | 0 | 1 | 0 |
| GA | ATHENS | 69 | 39 | 75 | 29 | 54 | 8 | 0.00 | -1.07 | 0.00 | 8.75 | 78 | 6.83 | 90 | 78 | 38 | 0 | 1 | 0 | 0 |
| | ATLANTA | 68 | 43 | 75 | 35 | 56 | 10 | 0.00 | -1.13 | 0.00 | 7.21 | 60 | 5.59 | 69 | 75 | 41 | 0 | 0 | 0 | 0 |
| | AUGUSTA | 72 | 35 | 80 | 23 | 54 | 6 | 0.00 | -0.99 | 0.00 | 6.84 | 66 | 5.68 | 79 | 88 | 35 | 0 | 4 | 0 | 0 |
| | COLUMBUS | 71 | 40 | 80 | 29 | 56 | 6 | 0.00 | -1.07 | 0.00 | 8.28 | 69 | 6.72 | 88 | 87 | 32 | 0 | 1 | 0 | 0 |
| | MACON | 70 | 36 | 80 | 25 | 53 | 4 | 0.00 | -1.10 | 0.00 | 7.89 | 66 | 6.81 | 85 | 91 | 38 | 0 | 3 | 0 | 0 |
| | SAVANNAH | 71 | 42 | 79 | 31 | 57 | 5 | 0.00 | -0.70 | 0.00 | 7.57 | 86 | 5.94 | 99 | 88 | 34 | 0 | 1 | 0 | 0 |
| HI | HILO | 82 | 65 | 84 | 63 | 74 | 3 | 0.46 | -1.63 | 0.31 | 11.86 | 46 | 4.73 | 30 | 86 | 74 | 0 | 0 | 2 | 0 |
| | HONOLULU | 81 | 71 | 82 | 68 | 76 | 3 | 0.01 | -0.57 | 0.01 | 16.35 | 229 | 4.61 | 107 | 83 | 76 | 0 | 0 | 1 | 0 |
| | KAHULUI | 84 | 65 | 87 | 63 | 75 | 3 | 0.14 | -0.42 | 0.14 | 9.88 | 116 | 6.26 | 115 | 88 | 79 | 0 | 0 | 1 | 0 |
| | LIHUE | 78 | 69 | 79 | 67 | 73 | 1 | 1.58 | 0.80 | 0.96 | 17.33 | 149 | 7.33 | 107 | 93 | 90 | 0 | 0 | 4 | 1 |
| ID | BOISE | 52 | 35 | 64 | 24 | 43 | 6 | 0.32 | 0.04 | 0.13 | 5.04 | 143 | 1.79 | 84 | 67 | 46 | 0 | 3 | 4 | 0 |
| | LEWISTON | 48 | 33 | 59 | 27 | 40 | 2 | 1.42 | 1.20 | 0.72 | 4.36 | 155 | 2.66 | 150 | 84 | 68 | 0 | 4 | 5 | 1 |
| | POCATELLO | 44 | 26 | 52 | 18 | 35 | 5 | 0.26 | 0.03 | 0.15 | 3.57 | 125 | 1.60 | 91 | 77 | 51 | 0 | 6 | 2 | 0 |
| IL | CHICAGO/O'HARE | 45 | 32 | 56 | 23 | 39 | 12 | 0.00 | -0.39 | 0.00 | 6.04 | 115 | 3.70 | 132 | 79 | 60 | 0 | 4 | 0 | 0 |
| | MOLINE | 49 | 32 | 63 | 26 | 40 | 13 | 0.00 | -0.35 | 0.00 | 3.99 | 85 | 2.31 | 93 | 78 | 63 | 0 | 4 | 0 | 0 |
| | PEORIA | 50 | 33 | 64 | 27 | 42 | 14 | 0.00 | -0.39 | 0.00 | 5.39 | 111 | 1.62 | 66 | 82 | 57 | 0 | 4 | 0 | 0 |
| | ROCKFORD | 44 | 31 | 52 | 24 | 38 | 14 | 0.00 | -0.31 | 0.00 | 3.20 | 74 | 1.47 | 66 | 77 | 56 | 0 | 5 | 0 | 0 |
| | SPRINGFIELD | 54 | 36 | 68 | 29 | 45 | 15 | 0.00 | -0.42 | 0.00 | 3.12 | 60 | 1.45 | 55 | 83 | 51 | 0 | 3 | 0 | 0 |
| IN | EVANSVILLE | 61 | 35 | 72 | 23 | 48 | 13 | 0.00 | -0.75 | 0.00 | 4.32 | 51 | 2.52 | 52 | 75 | 50 | 0 | 4 | 0 | 0 |
| | FORT WAYNE | 47 | 29 | 58 | 16 | 38 | 11 | 0.00 | -0.47 | 0.00 | 3.75 | 62 | 2.67 | 81 | 81 | 57 | 0 | 5 | 0 | 0 |
| | INDIANAPOLIS | 54 | 34 | 65 | 26 | 44 | 13 | 0.00 | -0.57 | 0.00 | 4.84 | 69 | 2.98 | 75 | 74 | 48 | 0 | 3 | 0 | 0 |
| | SOUTH BEND | 46 | 30 | 56 | 18 | 38 | 11 | 0.02 | -0.45 | 0.01 | 5.06 | 76 | 3.43 | 97 | 73 | 58 | 0 | 4 | 2 | 0 |
| IA | BURLINGTON | 51 | 33 | 67 | 29 | 42 | 14 | 0.03 | -0.33 | 0.02 | 1.40 | 33 | 0.58 | 27 | 89 | 58 | 0 | 5 | 2 | 0 |
| | CEDAR RAPIDS | 46 | 29 | 63 | 24 | 37 | 13 | 0.00 | -0.25 | 0.00 | 1.38 | 43 | 0.42 | 24 | 91 | 66 | 0 | 6 | 0 | 0 |
| | DES MOINES | 52 | 33 | 68 | 29 | 43 | 17 | 0.02 | -0.26 | 0.02 | 2.19 | 71 | 1.42 | 81 | 84 | 60 | 0 | 4 | 1 | 0 |
| | DUBUQUE | 41 | 25 | 50 | 20 | 33 | 10 | 0.01 | -0.32 | 0.01 | 4.72 | 124 | 1.64 | 77 | 91 | 72 | 0 | 6 | 1 | 0 |
| | SIOUX CITY | 50 | 28 | 63 | 23 | 39 | 14 | 0.00 | -0.12 | 0.00 | 2.92 | 193 | 1.97 | 232 | 89 | 66 | 0 | 7 | 0 | 0 |
| | WATERLOO | 44 | 28 | 62 | 20 | 36 | 14 | 0.01 | -0.23 | 0.01 | 3.38 | 132 | 1.32 | 91 | 89 | 71 | 0 | 6 | 1 | 0 |
| KS | CONCORDIA | 61 | 31 | 72 | 27 | 46 | 14 | 0.00 | -0.13 | 0.00 | 1.26 | 71 | 1.12 | 122 | 81 | 50 | 0 | 4 | 0 | 0 |
| | DODGE CITY | 69 | 31 | 80 | 25 | 50 | 14 | 0.00 | -0.13 | 0.00 | 0.98 | 58 | 0.57 | 63 | 66 | 21 | 0 | 4 | 0 | 0 |
| | GOODLAND | 63 | 28 | 75 | 18 | 45 | 13 | 0.00 | -0.08 | 0.00 | 0.91 | 91 | 0.76 | 127 | 64 | 29 | 0 | 5 | 0 | 0 |
| | TOPEKA | 59 | 34 | 76 | 27 | 47 | 14 | 0.01 | -0.25 | 0.01 | 2.18 | 73 | 1.99 | 128 | 81 | 56 | 0 | 3 | 1 | 0 |

**Based on 1971-2000 normals**

***** Not Available**

## Weather Data for the Week Ending February 19, 2011

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | TEMP. °F | | PRECIP | |
| | | 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 | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| | WICHITA | 65 | 37 | 78 | 25 | 51 | 15 | 0.00 | -0.21 | 0.00 | 0.92 | 35 | 0.80 | 63 | 81 | 54 | 0 | 3 | 0 | 0 |
| KY | JACKSON | 61 | 37 | 70 | 28 | 49 | 11 | 0.01 | -0.89 | 0.01 | 6.58 | 65 | 3.61 | 61 | 67 | 27 | 0 | 2 | 1 | 0 |
| | LEXINGTON | 58 | 36 | 66 | 27 | 47 | 11 | 0.00 | -0.78 | 0.00 | 6.48 | 69 | 3.99 | 75 | 64 | 42 | 0 | 4 | 0 | 0 |
| | LOUISVILLE | 62 | 38 | 71 | 30 | 50 | 13 | 0.00 | -0.78 | 0.00 | 4.55 | 51 | 2.89 | 55 | 65 | 30 | 0 | 1 | 0 | 0 |
| | PADUCAH | 61 | 42 | 70 | 31 | 51 | 13 | 0.01 | -0.98 | 0.01 | 4.95 | 47 | 2.73 | 45 | 74 | 43 | 0 | 1 | 1 | 0 |
| LA | BATON ROUGE | 74 | 43 | 80 | 29 | 59 | 6 | 0.00 | -1.26 | 0.00 | 11.59 | 77 | 7.00 | 71 | 99 | 42 | 0 | 1 | 0 | 0 |
| | LAKE CHARLES | 72 | 46 | 77 | 29 | 59 | 5 | 0.00 | -0.77 | 0.00 | 9.74 | 78 | 6.46 | 81 | 97 | 58 | 0 | 1 | 0 | 0 |
| | NEW ORLEANS | 73 | 48 | 80 | 35 | 60 | 5 | 0.00 | -1.37 | 0.00 | 7.72 | 52 | 5.55 | 57 | 88 | 51 | 0 | 0 | 0 | 0 |
| | SHREVEPORT | 74 | 51 | 80 | 38 | 62 | 11 | 0.00 | -1.05 | 0.00 | 6.90 | 57 | 6.49 | 87 | 88 | 50 | 0 | 0 | 0 | 0 |
| ME | CARIBOU | 27 | 10 | 41 | -8 | 19 | 6 | 0.79 | 0.31 | 0.50 | 8.40 | 111 | 3.20 | 73 | 89 | 63 | 0 | 7 | 2 | 1 |
| | PORTLAND | 43 | 17 | 56 | 7 | 30 | 5 | 0.00 | -0.75 | 0.00 | 8.46 | 81 | 4.43 | 71 | 76 | 39 | 0 | 6 | 0 | 0 |
| MD | BALTIMORE | 61 | 34 | 74 | 24 | 47 | 12 | 0.00 | -0.72 | 0.00 | 5.66 | 65 | 3.70 | 69 | 57 | 28 | 0 | 3 | 0 | 0 |
| MA | BOSTON | 48 | 27 | 60 | 17 | 37 | 6 | 0.05 | -0.75 | 0.05 | 10.10 | 102 | 6.49 | 105 | 64 | 38 | 0 | 4 | 1 | 0 |
| | WORCESTER | 44 | 21 | 57 | 12 | 32 | 6 | 0.13 | -0.59 | 0.13 | 11.67 | 118 | 6.59 | 108 | 74 | 35 | 0 | 6 | 1 | 0 |
| MI | ALPENA | 42 | 16 | 52 | 3 | 29 | 10 | 0.04 | -0.26 | 0.02 | 3.15 | 71 | 1.82 | 70 | 88 | 51 | 0 | 7 | 3 | 0 |
| | GRAND RAPIDS | 47 | 29 | 56 | 16 | 38 | 13 | 0.06 | -0.30 | 0.05 | 4.05 | 70 | 2.27 | 74 | 74 | 54 | 0 | 3 | 2 | 0 |
| | HOUGHTON LAKE | 40 | 18 | 47 | 1 | 29 | 9 | 0.15 | -0.13 | 0.08 | 3.53 | 85 | 2.41 | 100 | 87 | 65 | 0 | 6 | 4 | 0 |
| | LANSING | 46 | 28 | 56 | 13 | 37 | 13 | 0.00 | -0.35 | 0.00 | 2.79 | 59 | 1.14 | 44 | 74 | 56 | 0 | 6 | 0 | 0 |
| | MUSKEGON | 43 | 27 | 53 | 14 | 35 | 10 | 0.03 | -0.34 | 0.01 | 6.16 | 104 | 4.29 | 130 | 78 | 61 | 0 | 4 | 3 | 0 |
| | TRAVERSE CITY | 44 | 25 | 52 | 12 | 34 | 12 | 0.03 | -0.40 | 0.03 | 4.45 | 63 | 2.23 | 51 | 85 | 52 | 0 | 5 | 1 | 0 |
| MN | DULUTH | 37 | 19 | 52 | -2 | 28 | 13 | 0.00 | -0.17 | 0.00 | 3.32 | 127 | 1.24 | 74 | 83 | 64 | 0 | 7 | 0 | 0 |
| | INT'L FALLS | 34 | 13 | 48 | -17 | 23 | 12 | 0.07 | -0.07 | 0.03 | 3.13 | 158 | 1.56 | 122 | 85 | 59 | 0 | 7 | 3 | 0 |
| | MINNEAPOLIS | 41 | 25 | 52 | 10 | 33 | 13 | 0.01 | -0.16 | 0.01 | 3.83 | 152 | 1.04 | 68 | 79 | 63 | 0 | 7 | 1 | 0 |
| | ROCHESTER | 38 | 25 | 44 | 13 | 32 | 14 | 0.00 | -0.17 | 0.00 | 4.67 | 192 | 0.99 | 70 | 88 | 71 | 0 | 7 | 0 | 0 |
| | ST. CLOUD | 37 | 20 | 47 | 6 | 28 | 12 | 0.00 | -0.12 | 0.00 | 3.48 | 192 | 1.03 | 92 | 90 | 61 | 0 | 7 | 0 | 0 |
| MS | JACKSON | 73 | 44 | 78 | 29 | 58 | 9 | 0.00 | -1.09 | 0.00 | 9.80 | 70 | 5.92 | 68 | 93 | 43 | 0 | 1 | 0 | 0 |
| | MERIDIAN | 72 | 39 | 78 | 24 | 55 | 5 | 0.00 | -1.28 | 0.00 | 7.13 | 48 | 6.02 | 64 | 95 | 48 | 0 | 2 | 0 | 0 |
| | TUPELO | 70 | 44 | 74 | 30 | 57 | 13 | 0.00 | -1.12 | 0.00 | 6.60 | 47 | 4.37 | 54 | 83 | 50 | 0 | 1 | 0 | 0 |
| MO | COLUMBIA | 58 | 39 | 74 | 30 | 48 | 15 | 0.03 | -0.51 | 0.03 | 4.15 | 75 | 1.87 | 61 | 77 | 49 | 0 | 1 | 1 | 0 |
| | KANSAS CITY | 57 | 37 | 74 | 28 | 47 | 14 | 0.00 | -0.30 | 0.00 | 2.49 | 71 | 1.97 | 106 | 84 | 49 | 0 | 1 | 0 | 0 |
| | SAINT LOUIS | 63 | 40 | 76 | 33 | 51 | 16 | 0.01 | -0.53 | 0.01 | 3.74 | 59 | 2.44 | 70 | 69 | 49 | 0 | 0 | 1 | 0 |
| | SPRINGFIELD | 62 | 43 | 72 | 28 | 53 | 16 | 0.05 | -0.49 | 0.02 | 2.40 | 36 | 1.66 | 47 | 75 | 56 | 0 | 1 | 3 | 0 |
| MT | BILLINGS | 44 | 25 | 62 | 2 | 34 | 4 | 0.04 | -0.07 | 0.02 | 1.54 | 85 | 0.59 | 52 | 75 | 39 | 0 | 4 | 2 | 0 |
| | BUTTE | 39 | 19 | 48 | 9 | 29 | 7 | 0.07 | -0.02 | 0.03 | 1.24 | 95 | 0.60 | 78 | 79 | 37 | 0 | 7 | 3 | 0 |
| | CUT BANK | 28 | 10 | 54 | -15 | 19 | -5 | 0.04 | -0.02 | 0.04 | 0.11 | 13 | 0.10 | 19 | 86 | 57 | 0 | 7 | 1 | 0 |
| | GLASGOW | 27 | 9 | 44 | -12 | 18 | -1 | 0.13 | 0.07 | 0.11 | 3.66 | 421 | 2.20 | 440 | 85 | 72 | 0 | 7 | 2 | 0 |
| | GREAT FALLS | 33 | 15 | 57 | -16 | 24 | -2 | 0.77 | 0.66 | 0.31 | 3.44 | 212 | 1.88 | 198 | 87 | 53 | 0 | 4 | 4 | 0 |
| | HAVRE | 27 | 12 | 46 | -10 | 20 | -2 | 0.09 | 0.02 | 0.04 | 2.36 | 207 | 1.33 | 211 | 82 | 72 | 0 | 7 | 4 | 0 |
| | MISSOULA | 40 | 25 | 52 | 16 | 33 | 4 | 0.82 | 0.65 | 0.38 | 4.72 | 176 | 3.44 | 225 | 91 | 73 | 0 | 6 | 6 | 0 |
| NE | GRAND ISLAND | 60 | 30 | 70 | 24 | 45 | 17 | 0.00 | -0.13 | 0.00 | 1.84 | 124 | 1.60 | 195 | 78 | 41 | 0 | 5 | 0 | 0 |
| | LINCOLN | 60 | 29 | 71 | 22 | 45 | 17 | 0.00 | -0.12 | 0.00 | 1.46 | 82 | 1.22 | 131 | 85 | 45 | 0 | 5 | 0 | 0 |
| | NORFOLK | 57 | 29 | 68 | 21 | 43 | 17 | 0.00 | -0.15 | 0.00 | 2.12 | 134 | 1.70 | 183 | 81 | 48 | 0 | 7 | 0 | 0 |
| | NORTH PLATTE | 60 | 22 | 71 | 16 | 41 | 12 | 0.00 | -0.10 | 0.00 | 1.69 | 167 | 1.25 | 205 | 86 | 21 | 0 | 7 | 0 | 0 |
| | OMAHA | 56 | 32 | 68 | 27 | 44 | 16 | 0.00 | -0.16 | 0.00 | 1.90 | 91 | 1.36 | 116 | 86 | 57 | 0 | 3 | 0 | 0 |
| | SCOTTSBLUFF | 60 | 25 | 70 | 18 | 42 | 12 | 0.00 | -0.12 | 0.00 | 1.55 | 110 | 0.62 | 73 | 76 | 32 | 0 | 7 | 0 | 0 |
| | VALENTINE | 55 | 26 | 71 | 17 | 41 | 14 | 0.00 | -0.10 | 0.00 | 1.74 | 205 | 0.88 | 169 | 75 | 38 | 0 | 5 | 0 | 0 |
| NV | ELY | 44 | 22 | 56 | -1 | 33 | 3 | 1.29 | 1.12 | 0.62 | 4.90 | 295 | 1.56 | 134 | 69 | 53 | 0 | 6 | 3 | 1 |
| | LAS VEGAS | 66 | 45 | 71 | 41 | 55 | 3 | 0.05 | -0.12 | 0.05 | 1.83 | 131 | 0.06 | 6 | 42 | 29 | 0 | 0 | 1 | 0 |
| | RENO | 48 | 29 | 63 | 20 | 39 | 1 | 1.12 | 0.87 | 0.49 | 2.61 | 100 | 1.22 | 71 | 72 | 52 | 0 | 6 | 4 | 0 |
| | WINNEMUCCA | 50 | 27 | 63 | 21 | 39 | 3 | 0.76 | 0.62 | 0.35 | 2.64 | 131 | 1.05 | 87 | 75 | 40 | 0 | 6 | 4 | 0 |
| NH | CONCORD | 43 | 13 | 58 | 2 | 28 | 5 | 0.00 | -0.56 | 0.00 | 8.53 | 114 | 4.95 | 109 | 82 | 36 | 0 | 7 | 0 | 0 |
| NJ | NEWARK | 55 | 33 | 71 | 25 | 44 | 11 | 0.00 | -0.69 | 0.00 | 9.63 | 101 | 5.75 | 97 | 51 | 32 | 0 | 4 | 0 | 0 |
| NM | ALBUQUERQUE | 66 | 36 | 70 | 26 | 51 | 10 | 0.00 | -0.09 | 0.00 | 1.18 | 98 | 0.11 | 15 | 42 | 13 | 0 | 2 | 0 | 0 |
| NY | ALBANY | 45 | 20 | 60 | 9 | 32 | 7 | 0.01 | -0.51 | 0.01 | 7.53 | 115 | 4.58 | 117 | 73 | 45 | 0 | 6 | 1 | 0 |
| | BINGHAMTON | 43 | 22 | 58 | 11 | 33 | 10 | 0.14 | -0.47 | 0.06 | 5.96 | 82 | 3.92 | 93 | 66 | 53 | 0 | 5 | 4 | 0 |
| | BUFFALO | 44 | 23 | 54 | 11 | 34 | 8 | 0.16 | -0.42 | 0.08 | 5.76 | 67 | 3.04 | 63 | 85 | 49 | 0 | 5 | 3 | 0 |
| | ROCHESTER | 44 | 21 | 55 | 12 | 33 | 8 | 0.12 | -0.38 | 0.04 | 5.45 | 85 | 2.81 | 76 | 76 | 52 | 0 | 6 | 4 | 0 |
| | SYRACUSE | 43 | 20 | 55 | 9 | 31 | 7 | 0.25 | -0.25 | 0.15 | 7.58 | 106 | 5.16 | 129 | 85 | 54 | 0 | 6 | 4 | 0 |
| NC | ASHEVILLE | 63 | 33 | 71 | 24 | 48 | 9 | 0.00 | -0.93 | 0.00 | 5.33 | 53 | 4.07 | 62 | 70 | 31 | 0 | 4 | 0 | 0 |
| | CHARLOTTE | 68 | 39 | 78 | 26 | 54 | 9 | 0.00 | -0.85 | 0.00 | 5.55 | 59 | 3.81 | 60 | 63 | 24 | 0 | 1 | 0 | 0 |
| | GREENSBORO | 65 | 37 | 75 | 25 | 51 | 10 | 0.00 | -0.74 | 0.00 | 4.19 | 48 | 1.99 | 36 | 65 | 26 | 0 | 2 | 0 | 0 |
| | HATTERAS | 59 | 46 | 64 | 36 | 53 | 7 | 0.00 | -0.92 | 0.00 | 12.57 | 96 | 9.10 | 106 | 82 | 51 | 0 | 0 | 0 | 0 |
| | RALEIGH | 67 | 38 | 78 | 25 | 53 | 10 | 0.00 | -0.83 | 0.00 | 5.39 | 58 | 3.00 | 48 | 64 | 29 | 0 | 2 | 0 | 0 |
| | WILMINGTON | 66 | 40 | 75 | 27 | 53 | 5 | 0.00 | -0.88 | 0.00 | 10.17 | 95 | 6.54 | 94 | 89 | 32 | 0 | 2 | 0 | 0 |
| ND | BISMARCK | 33 | 15 | 49 | 3 | 24 | 6 | 0.01 | -0.10 | 0.01 | 2.86 | 240 | 1.46 | 195 | 86 | 76 | 0 | 6 | 1 | 0 |
| | DICKINSON | 30 | 15 | 44 | -4 | 23 | 2 | 0.02 | -0.08 | 0.02 | 1.46 | 146 | 1.24 | 188 | 84 | 66 | 0 | 6 | 1 | 0 |
| | FARGO | 32 | 20 | 44 | 3 | 26 | 12 | 0.00 | -0.12 | 0.00 | 2.71 | 163 | 0.96 | 88 | 85 | 66 | 0 | 6 | 0 | 0 |
| | GRAND FORKS | 29 | 16 | 47 | -4 | 23 | 10 | 0.02 | -0.12 | 0.02 | 1.61 | 101 | 0.89 | 85 | 92 | 70 | 0 | 7 | 1 | 0 |
| | JAMESTOWN | 29 | 17 | 46 | 1 | 23 | 7 | 0.00 | -0.11 | 0.00 | 1.34 | 99 | 0.64 | 70 | 86 | 66 | 0 | 6 | 0 | 0 |
| | WILLISTON | 29 | 12 | 44 | -7 | 20 | 3 | 0.19 | 0.11 | 0.19 | 3.72 | 280 | 1.77 | 233 | 85 | 68 | 0 | 7 | 1 | 0 |
| OH | AKRON-CANTON | 47 | 30 | 58 | 18 | 39 | 11 | 0.01 | -0.53 | 0.01 | 4.94 | 71 | 2.99 | 76 | 72 | 49 | 0 | 5 | 1 | 0 |
| | CINCINNATI | 58 | 35 | 67 | 26 | 47 | 13 | 0.00 | -0.66 | 0.00 | 4.78 | 60 | 3.01 | 65 | 68 | 47 | 0 | 3 | 0 | 0 |
| | CLEVELAND | 49 | 32 | 59 | 20 | 41 | 13 | 0.00 | -0.55 | 0.00 | 4.27 | 60 | 2.93 | 74 | 71 | 45 | 0 | 3 | 0 | 0 |
| | COLUMBUS | 53 | 33 | 65 | 23 | 43 | 11 | 0.00 | -0.52 | 0.00 | 3.98 | 58 | 2.72 | 69 | 74 | 56 | 0 | 4 | 0 | 0 |
| | DAYTON | 52 | 32 | 63 | 19 | 42 | 12 | 0.00 | -0.55 | 0.00 | 4.07 | 57 | 2.62 | 64 | 80 | 48 | 0 | 4 | 0 | 0 |
| | MANSFIELD | 47 | 31 | 57 | 18 | 39 | 12 | 0.00 | -0.52 | 0.00 | 4.00 | 55 | 2.97 | 73 | 79 | 48 | 0 | 3 | 0 | 0 |

**Based on 1971-2000 normals**

***** Not Available**

## Weather Data for the Week Ending February 19, 2011

| STATES AND STATIONS | | TEMPERATURE °F | | | | | | PRECIPITATION | | | | | | | RELATIVE HUMIDITY PERCENT | | NUMBER OF DAYS TEMP. °F | | NUMBER OF DAYS PRECIP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 90 AND ABOVE | 32 AND BELOW | .01 INCH OR MORE | .50 INCH OR MORE |
| | TOLEDO | 47 | 29 | 55 | 12 | 38 | 11 | 0.75 | 0.28 | 0.75 | 5.39 | 93 | 3.95 | 125 | 71 | 55 | 0 | 4 | 1 | 1 |
| | YOUNGSTOWN | 48 | 29 | 60 | 15 | 38 | 11 | 0.04 | -0.43 | 0.04 | 7.30 | 111 | 3.49 | 96 | 73 | 49 | 0 | 5 | 1 | 0 |
| OK | OKLAHOMA CITY | 74 | 44 | 80 | 32 | 59 | 17 | 0.00 | -0.35 | 0.00 | 0.49 | 12 | 0.36 | 17 | 86 | 29 | 0 | 1 | 0 | 0 |
| | TULSA | 69 | 43 | 79 | 29 | 56 | 14 | 0.00 | -0.45 | 0.00 | 2.70 | 53 | 2.15 | 81 | 80 | 55 | 0 | 2 | 0 | 0 |
| OR | ASTORIA | 47 | 36 | 53 | 31 | 42 | -2 | 3.05 | 1.09 | 0.78 | 28.65 | 112 | 17.28 | 114 | 94 | 83 | 0 | 1 | 7 | 2 |
| | BURNS | 38 | 20 | 45 | 8 | 29 | -1 | 0.68 | 0.42 | 0.28 | 5.00 | 158 | 1.36 | 73 | 84 | 71 | 0 | 7 | 4 | 0 |
| | EUGENE | 47 | 35 | 57 | 29 | 41 | -2 | 2.60 | 1.03 | 1.41 | 11.65 | 57 | 4.87 | 40 | 95 | 84 | 0 | 2 | 5 | 2 |
| | MEDFORD | 49 | 34 | 59 | 27 | 42 | -1 | 1.03 | 0.51 | 0.91 | 7.07 | 104 | 2.76 | 71 | 92 | 60 | 0 | 3 | 4 | 1 |
| | PENDLETON | 48 | 33 | 61 | 29 | 40 | 2 | 0.91 | 0.62 | 0.82 | 5.47 | 146 | 2.34 | 104 | 85 | 71 | 0 | 4 | 3 | 1 |
| | PORTLAND | 48 | 37 | 55 | 33 | 43 | 0 | 1.34 | 0.30 | 0.56 | 15.22 | 111 | 6.87 | 86 | 91 | 83 | 0 | 0 | 7 | 1 |
| | SALEM | 48 | 37 | 56 | 32 | 42 | -1 | 1.58 | 0.30 | 0.60 | 15.50 | 98 | 5.55 | 59 | 91 | 81 | 0 | 2 | 6 | 1 |
| PA | ALLENTOWN | 49 | 25 | 67 | 14 | 37 | 7 | 0.07 | -0.58 | 0.07 | 7.30 | 84 | 4.38 | 82 | 69 | 42 | 0 | 5 | 1 | 0 |
| | ERIE | 48 | 29 | 59 | 13 | 38 | 10 | 0.03 | -0.52 | 0.02 | 6.78 | 88 | 4.54 | 114 | 68 | 50 | 0 | 4 | 2 | 0 |
| | MIDDLETOWN | 54 | 29 | 69 | 20 | 42 | 11 | 0.00 | -0.72 | 0.00 | 5.34 | 67 | 3.37 | 71 | 74 | 30 | 0 | 4 | 0 | 0 |
| | PHILADELPHIA | 57 | 34 | 69 | 26 | 46 | 12 | 0.00 | -0.63 | 0.00 | 7.61 | 88 | 4.37 | 82 | 51 | 33 | 0 | 4 | 0 | 0 |
| | PITTSBURGH | 52 | 30 | 66 | 20 | 41 | 11 | 0.00 | -0.56 | 0.00 | 4.83 | 68 | 3.27 | 77 | 66 | 33 | 0 | 5 | 0 | 0 |
| | WILKES-BARRE | 47 | 25 | 63 | 18 | 36 | 7 | 0.01 | -0.49 | 0.01 | 5.50 | 86 | 3.05 | 79 | 71 | 34 | 0 | 5 | 1 | 0 |
| | WILLIAMSPORT | 49 | 25 | 66 | 13 | 37 | 9 | 0.00 | -0.63 | 0.00 | 6.99 | 93 | 2.96 | 64 | 74 | 49 | 0 | 6 | 0 | 0 |
| RI | PROVIDENCE | 47 | 25 | 60 | 17 | 36 | 5 | 0.00 | -0.83 | 0.00 | 9.96 | 92 | 5.92 | 88 | 64 | 43 | 0 | 5 | 0 | 0 |
| SC | BEAUFORT | 70 | 44 | 79 | 33 | 57 | 7 | 0.01 | -0.73 | 0.01 | 5.61 | 60 | 4.61 | 74 | 86 | 33 | 0 | 0 | 1 | 0 |
| | CHARLESTON | 71 | 43 | 79 | 33 | 57 | 7 | 0.00 | -0.72 | 0.00 | 7.44 | 79 | 4.96 | 81 | 89 | 32 | 0 | 0 | 0 | 0 |
| | COLUMBIA | 71 | 40 | 80 | 28 | 56 | 9 | 0.00 | -0.92 | 0.00 | 6.49 | 61 | 5.09 | 70 | 80 | 40 | 0 | 2 | 0 | 0 |
| | GREENVILLE | 69 | 41 | 78 | 26 | 55 | 11 | 0.01 | -1.01 | 0.01 | 6.47 | 59 | 5.31 | 75 | 67 | 25 | 0 | 1 | 1 | 0 |
| SD | ABERDEEN | 34 | 19 | 46 | 6 | 27 | 8 | 0.00 | -0.09 | 0.00 | 3.25 | 295 | 1.48 | 206 | 88 | 73 | 0 | 7 | 0 | 0 |
| | HURON | 39 | 25 | 47 | 13 | 32 | 11 | 0.00 | -0.11 | 0.00 | 3.17 | 281 | 1.79 | 242 | 84 | 63 | 0 | 5 | 0 | 0 |
| | RAPID CITY | 53 | 24 | 67 | 12 | 39 | 12 | 0.01 | -0.09 | 0.01 | 1.32 | 133 | 0.71 | 120 | 75 | 32 | 0 | 6 | 1 | 0 |
| | SIOUX FALLS | 43 | 26 | 50 | 18 | 35 | 14 | 0.00 | -0.09 | 0.00 | 2.92 | 232 | 1.38 | 186 | 87 | 62 | 0 | 6 | 0 | 0 |
| TN | BRISTOL | 63 | 30 | 71 | 21 | 46 | 8 | 0.22 | -0.61 | 0.22 | 5.24 | 58 | 2.68 | 47 | 77 | 25 | 0 | 6 | 1 | 0 |
| | CHATTANOOGA | 67 | 40 | 72 | 26 | 53 | 10 | 0.01 | -1.15 | 0.01 | 6.91 | 52 | 5.48 | 64 | 75 | 40 | 0 | 1 | 1 | 0 |
| | KNOXVILLE | 65 | 38 | 73 | 29 | 52 | 11 | 0.05 | -0.91 | 0.05 | 6.35 | 55 | 4.15 | 58 | 79 | 29 | 0 | 2 | 1 | 0 |
| | MEMPHIS | 70 | 50 | 73 | 40 | 60 | 15 | 0.00 | -1.06 | 0.00 | 5.54 | 44 | 3.02 | 43 | 69 | 41 | 0 | 0 | 0 | 0 |
| | NASHVILLE | 64 | 40 | 69 | 31 | 52 | 11 | 0.06 | -0.82 | 0.06 | 5.63 | 52 | 3.76 | 60 | 76 | 39 | 0 | 1 | 1 | 0 |
| TX | ABILENE | 77 | 47 | 84 | 38 | 62 | 14 | 0.00 | -0.27 | 0.00 | 2.73 | 95 | 1.53 | 96 | 77 | 46 | 0 | 0 | 0 | 0 |
| | AMARILLO | 71 | 34 | 81 | 30 | 53 | 13 | 0.00 | -0.11 | 0.00 | 0.74 | 49 | 0.52 | 57 | 67 | 19 | 0 | 4 | 0 | 0 |
| | AUSTIN | 77 | 53 | 81 | 29 | 65 | 11 | 1.39 | 0.90 | 1.38 | 6.36 | 115 | 5.56 | 180 | 84 | 67 | 0 | 1 | 2 | 1 |
| | BEAUMONT | 72 | 48 | 77 | 27 | 60 | 5 | 0.00 | -0.79 | 0.00 | 8.37 | 62 | 3.36 | 41 | 99 | 59 | 0 | 1 | 0 | 0 |
| | BROWNSVILLE | 79 | 61 | 83 | 42 | 70 | 8 | 0.00 | -0.30 | 0.00 | 2.50 | 74 | 2.49 | 111 | 88 | 56 | 0 | 0 | 0 | 0 |
| | CORPUS CHRISTI | 76 | 55 | 79 | 34 | 65 | 6 | 0.00 | -0.46 | 0.00 | 4.74 | 104 | 4.12 | 147 | 96 | 67 | 0 | 0 | 0 | 0 |
| | DEL RIO | 78 | 52 | 82 | 35 | 65 | 9 | 0.00 | -0.24 | 0.00 | 0.26 | 14 | 0.24 | 21 | 80 | 59 | 0 | 0 | 0 | 0 |
| | EL PASO | 76 | 39 | 80 | 26 | 58 | 8 | 0.00 | -0.08 | 0.00 | 0.28 | 19 | 0.12 | 18 | 31 | 11 | 0 | 1 | 0 | 0 |
| | FORT WORTH | 76 | 53 | 82 | 34 | 65 | 16 | 0.00 | -0.58 | 0.00 | 4.44 | 77 | 2.39 | 74 | 84 | 47 | 0 | 0 | 0 | 0 |
| | GALVESTON | 66 | 52 | 69 | 40 | 59 | 1 | 0.01 | -0.60 | 0.01 | 6.67 | 70 | 4.54 | 76 | 97 | 74 | 0 | 0 | 1 | 0 |
| | HOUSTON | 75 | 51 | 80 | 30 | 63 | 8 | 0.00 | -0.72 | 0.00 | 8.76 | 93 | 5.72 | 100 | 94 | 61 | 0 | 1 | 0 | 0 |
| | LUBBOCK | 76 | 36 | 85 | 26 | 56 | 13 | 0.00 | -0.17 | 0.00 | 0.49 | 31 | 0.49 | 53 | 65 | 26 | 0 | 2 | 0 | 0 |
| | MIDLAND | 78 | 39 | 86 | 25 | 59 | 11 | 0.00 | -0.14 | 0.00 | 0.09 | 6 | 0.07 | 8 | 69 | 29 | 0 | 3 | 0 | 0 |
| | SAN ANGELO | 81 | 47 | 87 | 34 | 64 | 15 | 0.00 | -0.30 | 0.00 | 2.06 | 83 | 1.07 | 70 | 75 | 51 | 0 | 0 | 0 | 0 |
| | SAN ANTONIO | 77 | 54 | 80 | 32 | 66 | 12 | 0.11 | -0.32 | 0.08 | 3.77 | 80 | 3.14 | 113 | 96 | 56 | 0 | 1 | 3 | 0 |
| | VICTORIA | 77 | 52 | 82 | 31 | 65 | 9 | 0.02 | -0.48 | 0.02 | 5.35 | 85 | 4.16 | 109 | 97 | 62 | 0 | 1 | 1 | 0 |
| | WACO | 76 | 52 | 79 | 30 | 64 | 14 | 0.00 | -0.61 | 0.00 | 5.70 | 93 | 4.93 | 147 | 82 | 60 | 0 | 1 | 0 | 0 |
| | WICHITA FALLS | 78 | 44 | 84 | 34 | 61 | 16 | 0.00 | -0.39 | 0.00 | 0.77 | 21 | 0.64 | 32 | 85 | 44 | 0 | 0 | 0 | 0 |
| UT | SALT LAKE CITY | 53 | 32 | 60 | 24 | 42 | 8 | 0.47 | 0.16 | 0.25 | 4.22 | 123 | 1.18 | 54 | 72 | 31 | 0 | 3 | 2 | 0 |
| VT | BURLINGTON | 40 | 13 | 57 | -3 | 26 | 6 | 0.07 | -0.32 | 0.04 | 7.29 | 130 | 3.69 | 109 | 75 | 46 | 0 | 7 | 3 | 0 |
| VA | LYNCHBURG | 63 | 35 | 75 | 29 | 49 | 12 | 0.00 | -0.74 | 0.00 | 3.92 | 45 | 1.76 | 32 | 50 | 24 | 0 | 2 | 0 | 0 |
| | NORFOLK | 64 | 39 | 76 | 28 | 51 | 9 | 0.00 | -0.80 | 0.00 | 7.98 | 87 | 5.10 | 83 | 72 | 27 | 0 | 3 | 0 | 0 |
| | RICHMOND | 66 | 38 | 77 | 28 | 52 | 13 | 0.00 | -0.70 | 0.00 | 6.36 | 74 | 3.10 | 57 | 59 | 30 | 0 | 3 | 0 | 0 |
| | ROANOKE | 65 | 39 | 72 | 30 | 52 | 13 | 0.00 | -0.74 | 0.00 | 3.13 | 39 | 1.14 | 22 | 43 | 26 | 0 | 1 | 0 | 0 |
| | WASH/DULLES | 61 | 34 | 75 | 25 | 48 | 13 | 0.01 | -0.66 | 0.01 | 4.21 | 53 | 2.74 | 56 | 56 | 33 | 0 | 3 | 1 | 0 |
| WA | OLYMPIA | 46 | 33 | 52 | 25 | 39 | -1 | 1.29 | -0.25 | 0.58 | 18.77 | 95 | 9.42 | 79 | 94 | 82 | 0 | 4 | 6 | 1 |
| | QUILLAYUTE | 43 | 33 | 49 | 28 | 38 | -4 | 4.95 | 1.84 | 1.67 | 46.03 | 126 | 27.01 | 122 | 96 | 84 | 0 | 4 | 6 | 4 |
| | SEATTLE-TACOMA | 47 | 37 | 52 | 32 | 42 | -1 | 1.03 | -0.01 | 0.56 | 15.52 | 113 | 6.84 | 85 | 87 | 71 | 0 | 1 | 5 | 1 |
| | SPOKANE | 42 | 30 | 48 | 24 | 36 | 4 | 0.25 | -0.11 | 0.22 | 5.95 | 118 | 2.76 | 98 | 89 | 64 | 0 | 5 | 2 | 0 |
| | YAKIMA | 49 | 27 | 54 | 19 | 38 | 3 | 0.07 | -0.12 | 0.05 | 3.06 | 99 | 0.68 | 40 | 83 | 57 | 0 | 5 | 2 | 0 |
| WV | BECKLEY | 56 | 35 | 66 | 28 | 45 | 11 | 0.01 | -0.70 | 0.01 | 4.58 | 56 | 2.30 | 45 | 61 | 36 | 0 | 3 | 1 | 0 |
| | CHARLESTON | 61 | 36 | 71 | 29 | 49 | 13 | 0.00 | -0.77 | 0.00 | 6.00 | 70 | 3.57 | 67 | 62 | 23 | 0 | 3 | 0 | 0 |
| | ELKINS | 56 | 28 | 66 | 20 | 42 | 11 | 0.17 | -0.61 | 0.17 | 4.13 | 46 | 2.28 | 42 | 80 | 26 | 0 | 5 | 1 | 0 |
| | HUNTINGTON | 61 | 36 | 70 | 27 | 48 | 12 | 0.00 | -0.75 | 0.00 | 4.52 | 53 | 2.99 | 58 | 66 | 28 | 0 | 2 | 0 | 0 |
| WI | EAU CLAIRE | 40 | 21 | 48 | 10 | 31 | 13 | 0.00 | -0.17 | 0.00 | 2.63 | 102 | 0.80 | 52 | 90 | 55 | 0 | 6 | 0 | 0 |
| | GREEN BAY | 40 | 25 | 47 | 16 | 32 | 12 | 0.02 | -0.20 | 0.02 | 3.25 | 100 | 1.34 | 73 | 86 | 62 | 0 | 6 | 1 | 0 |
| | LA CROSSE | 43 | 25 | 50 | 14 | 34 | 12 | 0.00 | -0.22 | 0.00 | 3.28 | 106 | 0.88 | 47 | 89 | 55 | 0 | 6 | 0 | 0 |
| | MADISON | 43 | 27 | 52 | 17 | 35 | 13 | 0.04 | -0.26 | 0.04 | 3.23 | 87 | 1.74 | 84 | 85 | 58 | 0 | 6 | 1 | 0 |
| | MILWAUKEE | 44 | 30 | 53 | 21 | 37 | 12 | 0.05 | -0.34 | 0.05 | 3.88 | 75 | 2.31 | 78 | 80 | 54 | 0 | 5 | 1 | 0 |
| WY | CASPER | 47 | 25 | 53 | 14 | 36 | 9 | 0.02 | -0.12 | 0.02 | 1.94 | 125 | 0.58 | 62 | 54 | 33 | 0 | 6 | 1 | 0 |
| | CHEYENNE | 53 | 27 | 60 | 19 | 40 | 11 | 0.00 | -0.08 | 0.00 | 0.87 | 77 | 0.45 | 67 | 62 | 25 | 0 | 5 | 0 | 0 |
| | LANDER | 45 | 23 | 57 | 17 | 34 | 9 | 0.19 | 0.08 | 0.18 | 2.25 | 161 | 1.47 | 186 | 71 | 30 | 0 | 7 | 2 | 0 |
| | SHERIDAN | 49 | 24 | 63 | 9 | 37 | 10 | 0.04 | -0.07 | 0.04 | 1.11 | 62 | 0.91 | 81 | 64 | 39 | 0 | 7 | 1 | 0 |

**Based on 1971-2000 normals** ***** Not Available**

# National Agricultural Summary

## February 14 – 20, 2011

*Weekly National Agricultural Summary provided by USDA/NASS*

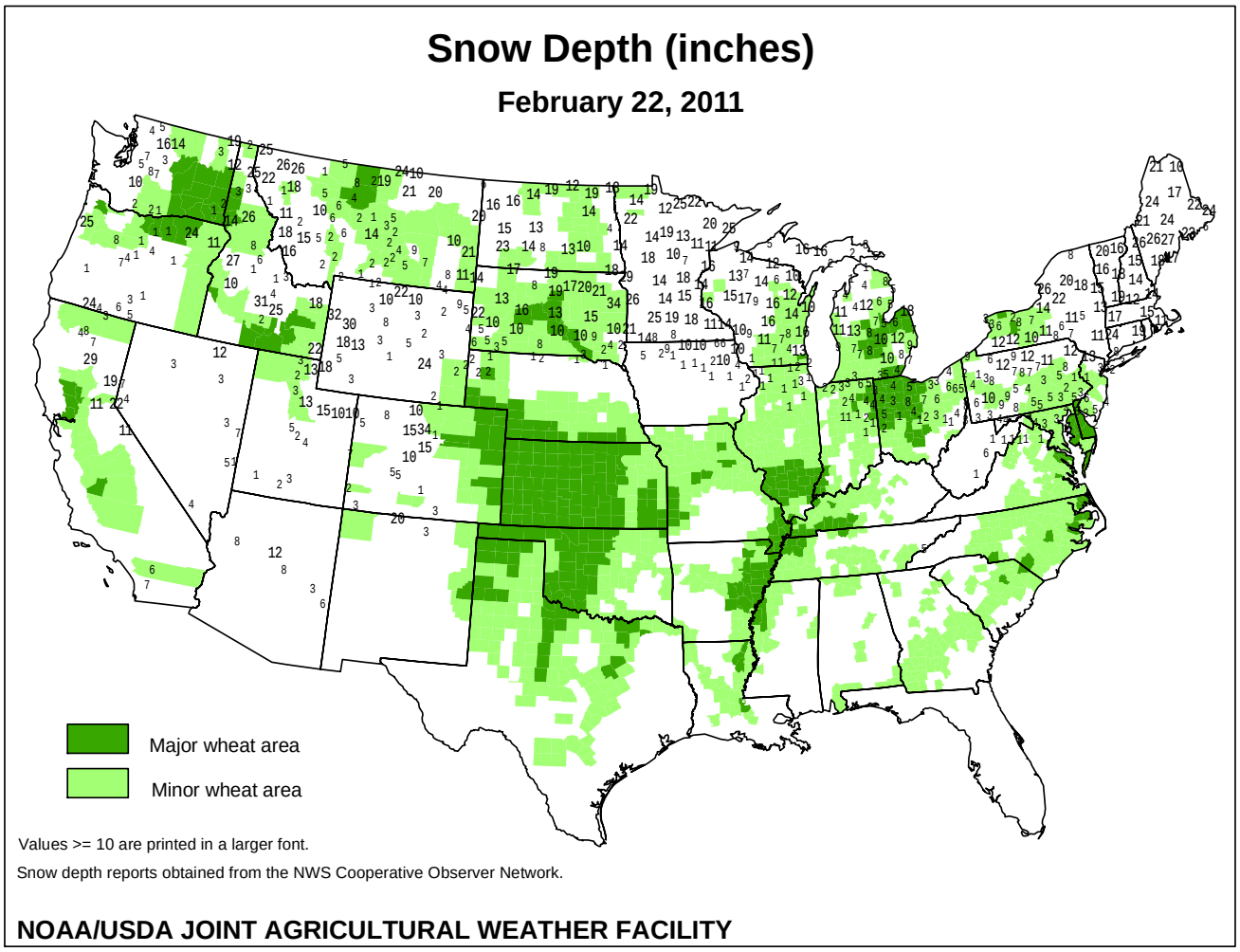
Temperatures west of the Rocky Mountains were at or below normal during the week, while mild weather across much of the remainder of the nation pushed readings well above average. Most notably, weekly temperatures averaged as much as 20°F above normal across portions of the Corn Belt and Great Plains. Precipitation was scarce for most areas from Texas to the East Coast. Conversely, portions of California received more than 5 inches of precipitation from a series of storms.

Precipitation was minimal and temperatures were near normal in Florida during the week. Producers in northern areas of the state were busy readying fields for spring planting. Winter wheat was reported in mostly good condition. Producers in Palm Beach County prepared rice fields for planting. Sugarcane was still being harvested in southern portions of Florida. Cabbage supplies were light. White mold was evident in cabbage fields in Putnam County. Moderate to severe drought conditions persisted in the citrus-producing region. The harvest of early and midseason oranges, as well as grapefruit, continued.

Rainfall was limited in Texas during the week, with trace amounts falling in some central areas of the state. On the Plains, winter wheat stands were growing well with a boost from warmer weather; however, increased soil moisture was needed to sustain crop development. Elsewhere, small grain crops in the Blacklands and Cross Timbers benefited from increased moisture from melting ice and snow. Sub-freezing temperatures in portions of the Trans-Pecos region resulted in damage to winter wheat stands. Producers throughout much of the state remained busy completing fieldwork in preparation for spring row crop and vegetable planting.

In Arizona, temperatures were mostly above normal during the week. Precipitation was widespread, ranging from a trace to more than 2 inches. Alfalfa producers in portions of the state continued harvesting; however, condition ratings were mostly poor to fair. Vegetable producers shipped a variety of crops, including broccoli, cabbage, cilantro, citrus, lettuce, and spinach.

A series of storm systems during the week helped bring California's year-to-date precipitation totals to near normal. Reports of small hail and locally heavy precipitation were received in the Central Valley and Sierra Nevada. Where conditions allowed, producers prepared fields for spring planting, while aerial herbicide applications were made to small grain fields. Citrus harvest continued in the San Joaquin Valley. Budding was ongoing in peach and plum orchards, with blooming evident in many early-variety trees. Almond producers made bloom sprays to some trees. Winter vegetable harvesting continued in Fresno, Merced, and Tulare Counties.



# International Weather and Crop Summary

**February 13-19, 2011**

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

## HIGHLIGHTS

**EUROPE:** Wet weather returned to western Europe, while a late-season cold snap overspread northeastern growing areas.

**WESTERN FSU:** Bitter cold persisted, although most dormant winter crops remained adequately protected by a moderate to deep snowpack.

**MIDDLE EAST:** Rain and mountain snow returned, providing an additional boost to soil moisture and irrigation reserves.

**NORTHWEST AFRICA:** Locally heavy showers benefited jointing winter grains.

**SOUTH ASIA:** Showers and warm weather aided winter wheat and rapeseed development in northern India.

**EAST ASIA:** Light showers eased short-term dryness in key wheat producing areas.

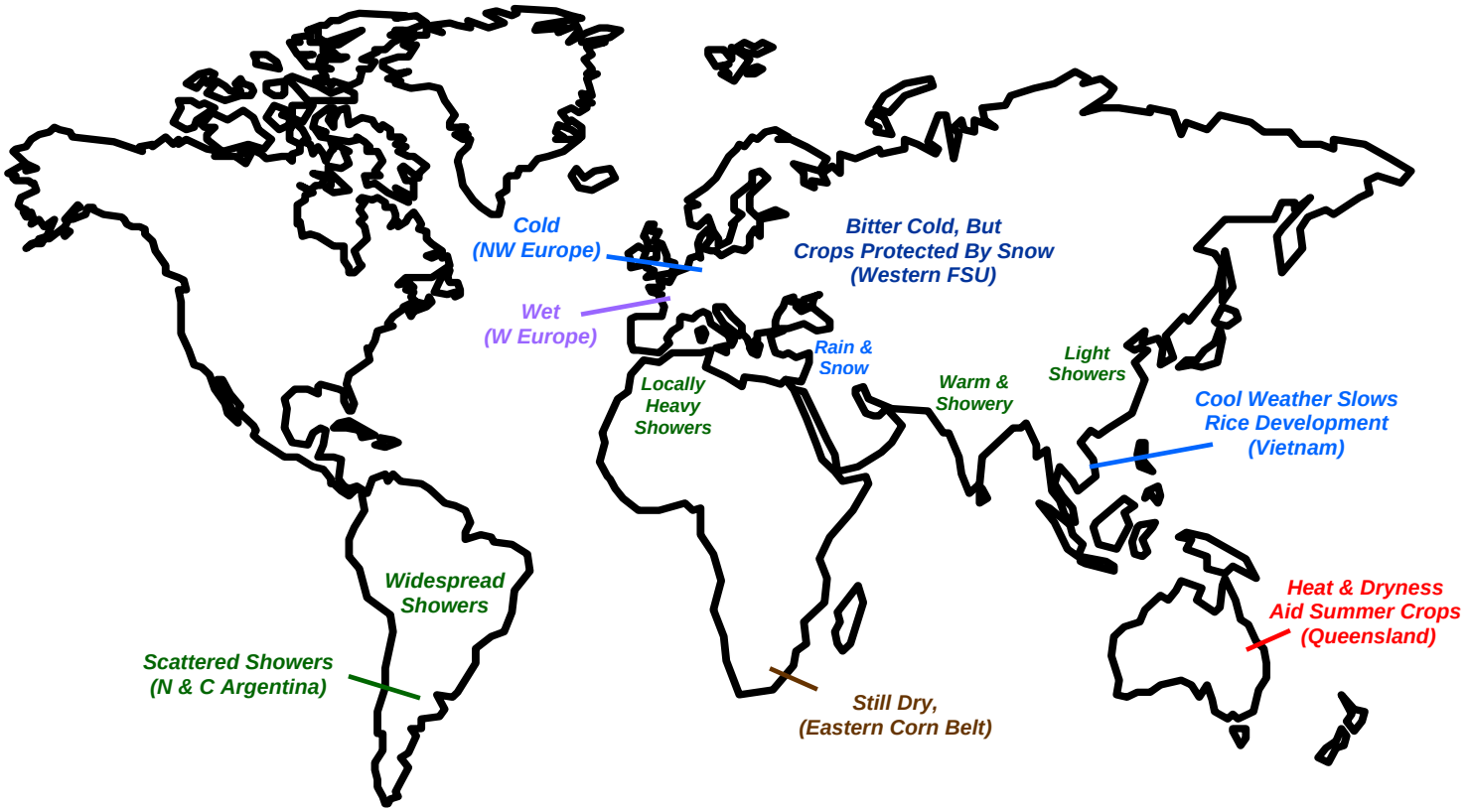
**SOUTHEAST ASIA:** Cool weather returned to Vietnam, slowing rice development.

**AUSTRALIA:** Hot, mostly dry weather favored summer crop development and early harvesting in interior central and southern Queensland.

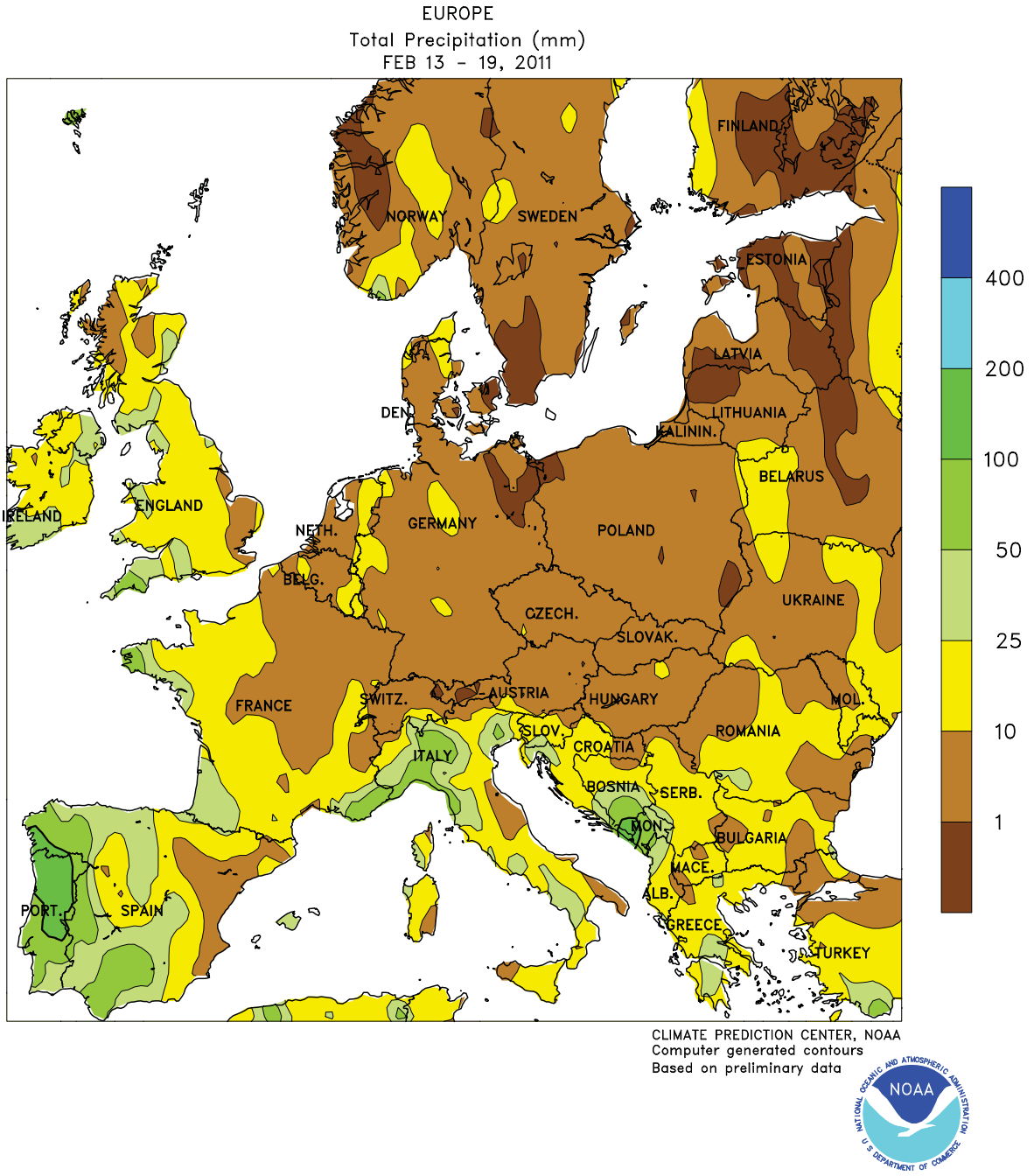
**SOUTH AFRICA:** Dry weather continued for a third week in eastern sections of the corn belt, reducing moisture for filling summer crops.

**ARGENTINA:** Scattered showers overspread key farming areas of central and northern Argentina.

**BRAZIL:** Widespread, locally heavy rain maintained generally favorable levels of moisture for soybeans and other crops.

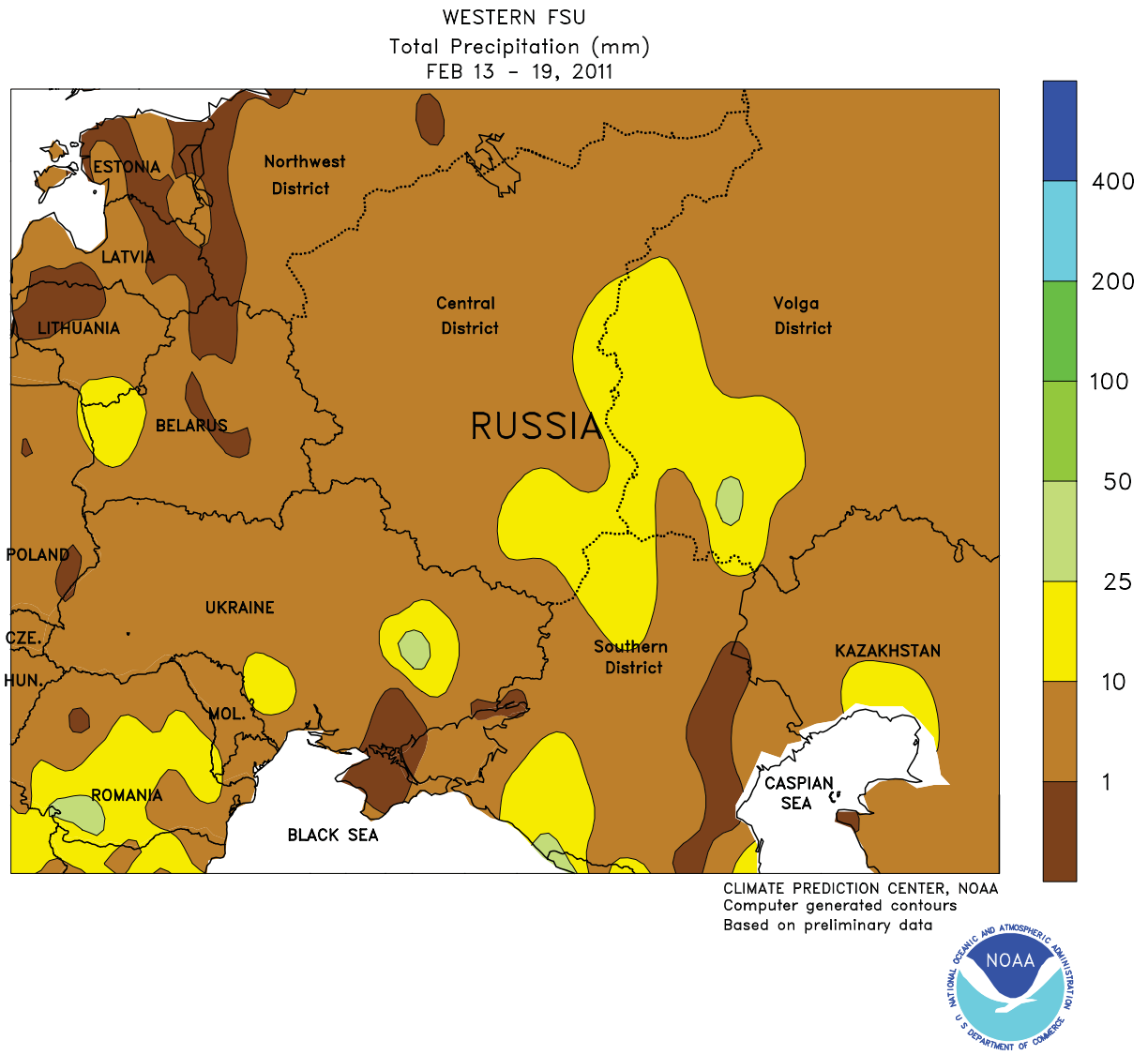



For additional information contact: meteorologists@oce.usda.gov



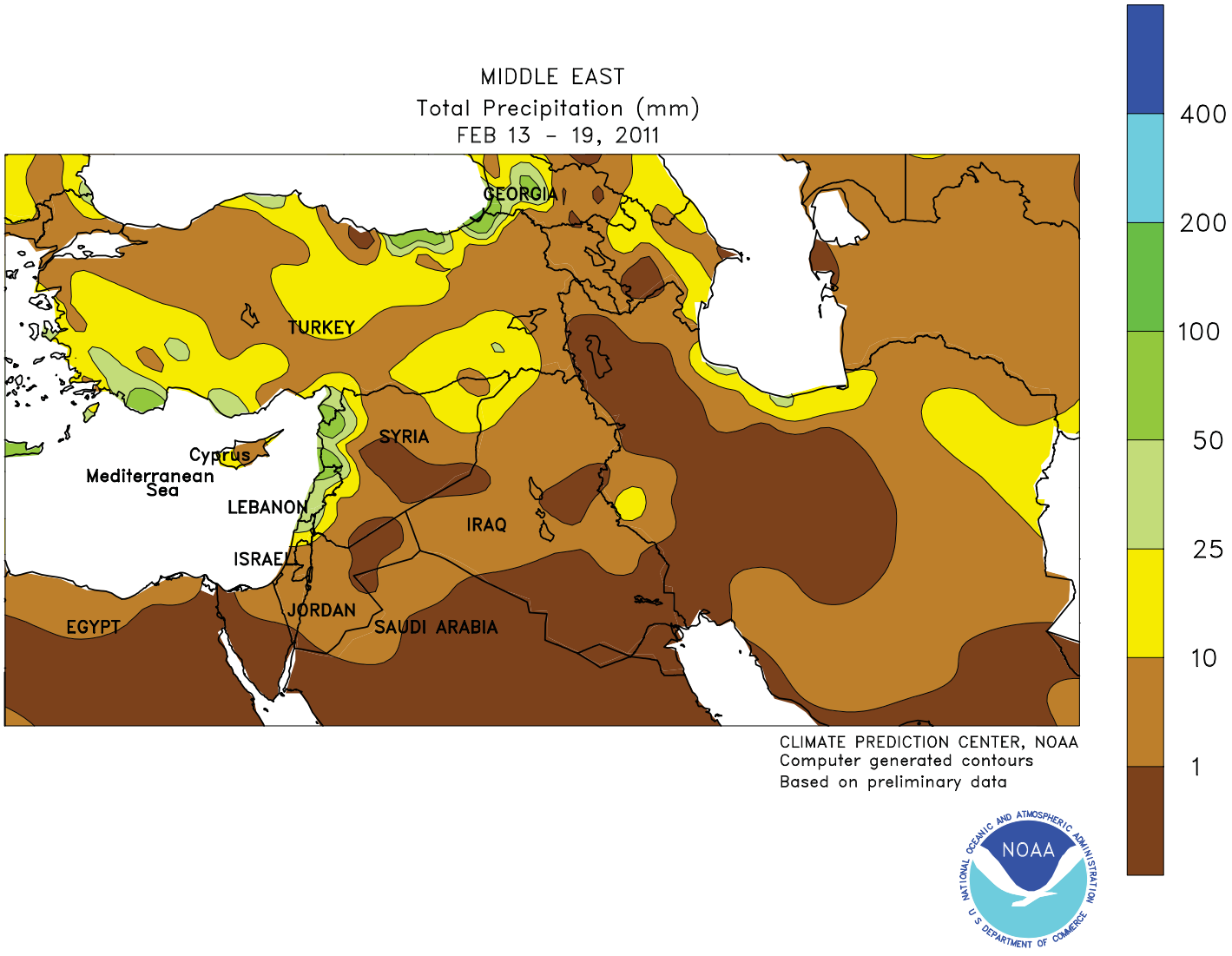

## EUROPE

Wet weather returned to western and southern growing areas, while a late-season cold snap settled over northeastern Europe. A dome of high pressure expanded westward out of Russia, pushing unseasonably cold weather into Poland and the Baltic States. Low temperatures tumbled below -15°C in Poland, and plunged into the -20s (degrees C) in Lithuania and Latvia; despite the bitter cold, recent snowfall (5-15 cm) protected dormant winter crops from winterkill. The area of high pressure not only brought cold weather to northeastern crop regions, but also prevented Atlantic storms from progressing out of western Europe. Consequently, widespread rain (10-100 mm, locally more) from Spain into the United Kingdom boosted soil moisture reserves for greening winter crops. Moderate to heavy showers (10-60 mm) were also reported in the Mediterranean region, favoring jointing winter wheat but hampering citrus harvesting. Daytime highs in western and southern Europe continued to surpass 10°C, encouraging additional greening of winter grains and oilseeds.



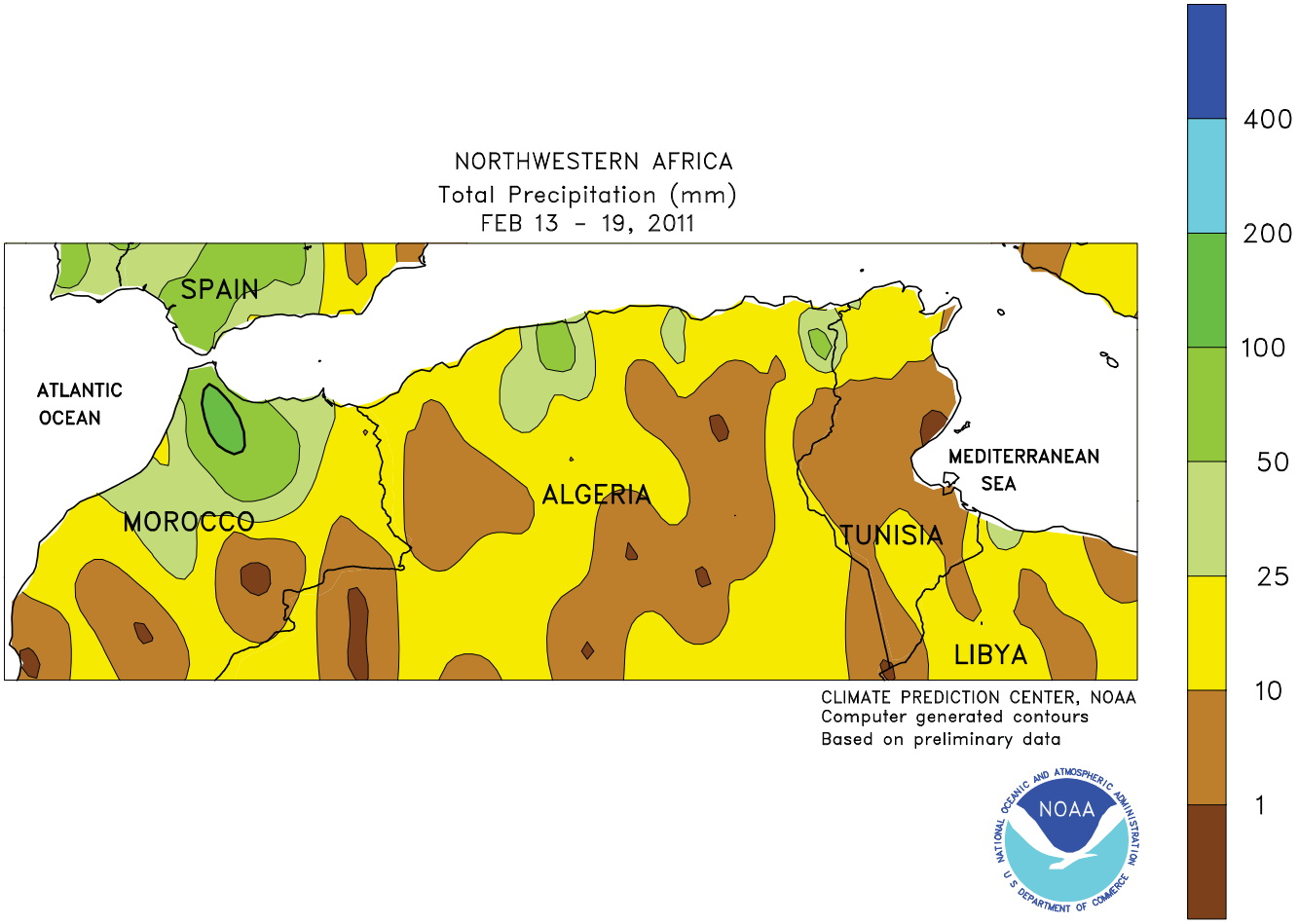

## WESTERN FSU

An arctic air mass brought late-season bitter cold to much of the region. Temperatures averaged more than 10°C below normal from eastern Belarus and northeastern Ukraine into central Russia. Nighttime lows routinely dropped below -20°C, although 30 cm or more of snow cover afforded dormant winter crops adequate protection from winterkill in Russia and eastern Belarus. In addition, a slow-moving storm generated snow (5-25 mm liquid equivalent) from central and southern Ukraine into southern and central Russia. The snowfall was especially timely in southern Ukraine (2-10 cm), where exposed winter crops were afforded some protection from potential burnback and winterkill.



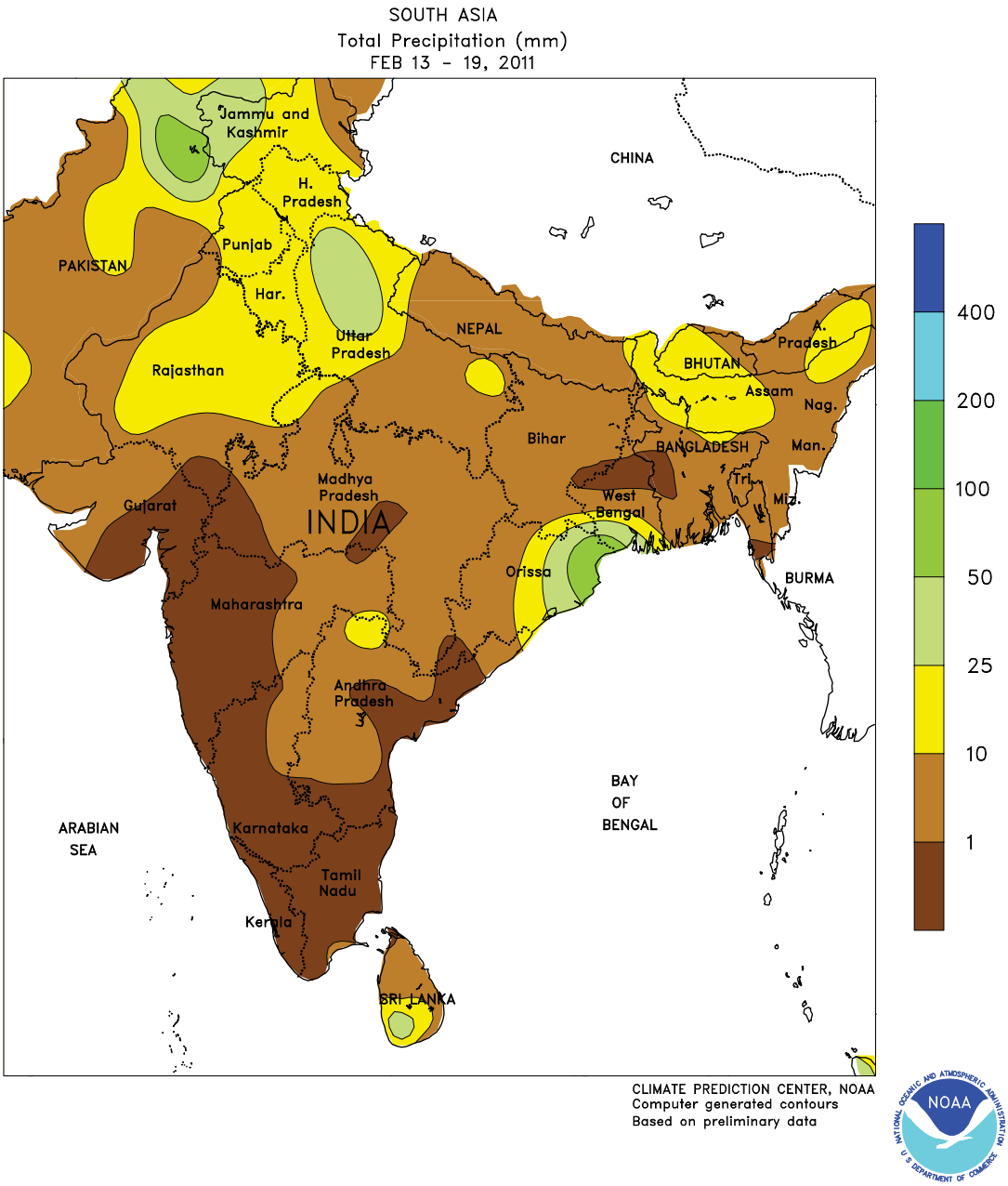

## MIDDLE EAST

Wet weather returned to western growing areas, while dry conditions prevailed in western Iran. A strong Mediterranean storm produced widespread rain and mountain snow (10-50 mm, locally more) from western Turkey and the eastern Mediterranean coast into northeastern Syria and northwestern Iraq. The precipitation further eased long-term deficits and improved prospects for greening winter crops. Farther east, a departing storm system dropped 5 to 25 mm of rain from the Caspian Sea coast into northeastern Iran, boosting soil moisture for spring growth. Dry weather prevailed in western and northwestern Iran, where despite recent beneficial rain and snow, long-term precipitation deficits persist due to a drier-than-normal autumn. Temperatures averaged 1 to 3°C above normal over most winter grain districts, with crops breaking out of dormancy from western and southern Turkey into northern Iraq.



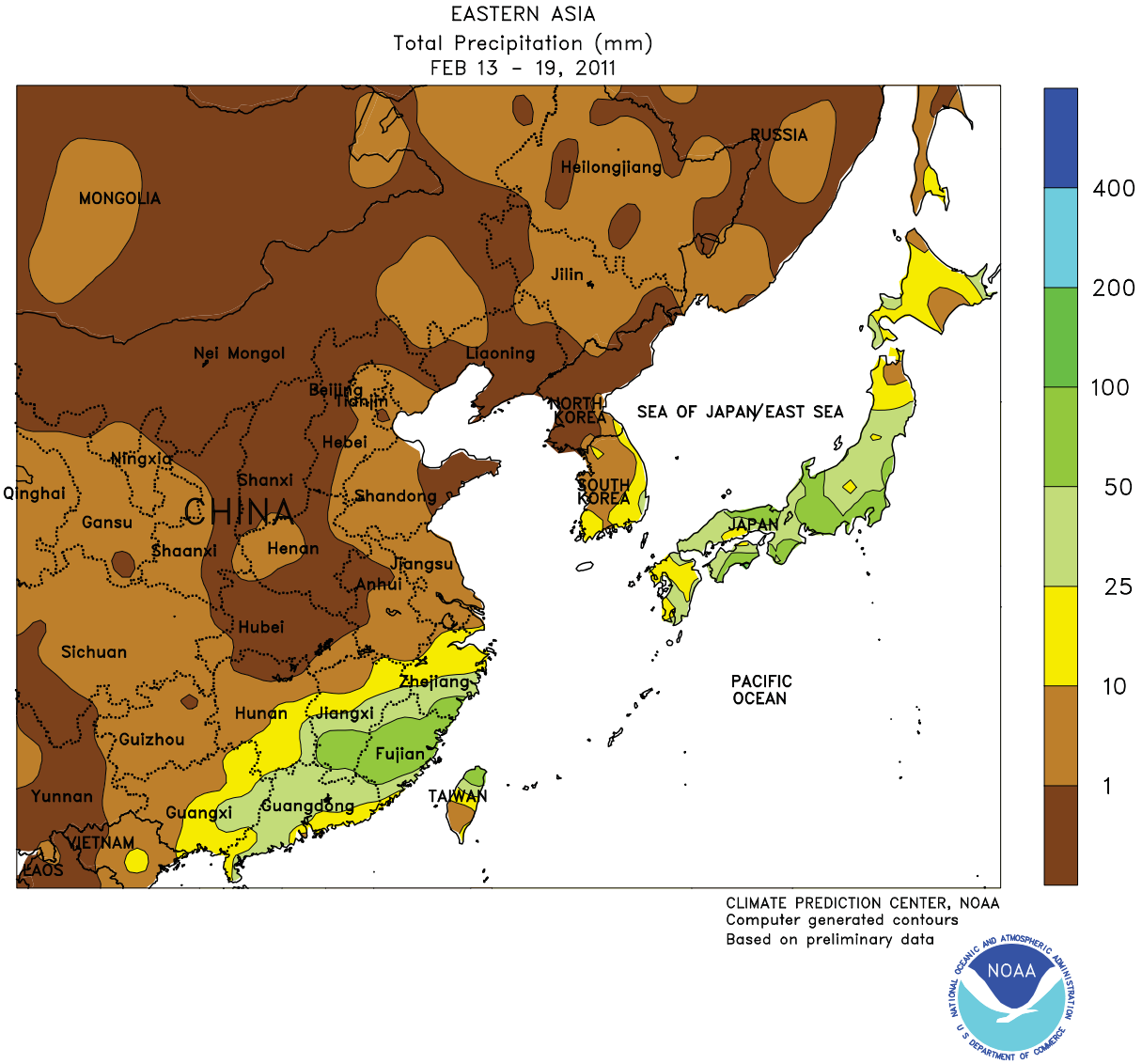

## NORTHWESTERN AFRICA

Wet weather returned to the region, boosting soil moisture for winter crop growth. After last week's respite, 10 to more than 100 mm of rain maintained favorable prospects for jointing winter wheat and barley from northern Morocco into Tunisia. Precipitation was somewhat lighter (less than 10 mm) in southern Morocco, but here too moisture remained favorable for winter grains. Temperatures averaged near normal over most growing districts, with no hard freezes or untimely heat reported.



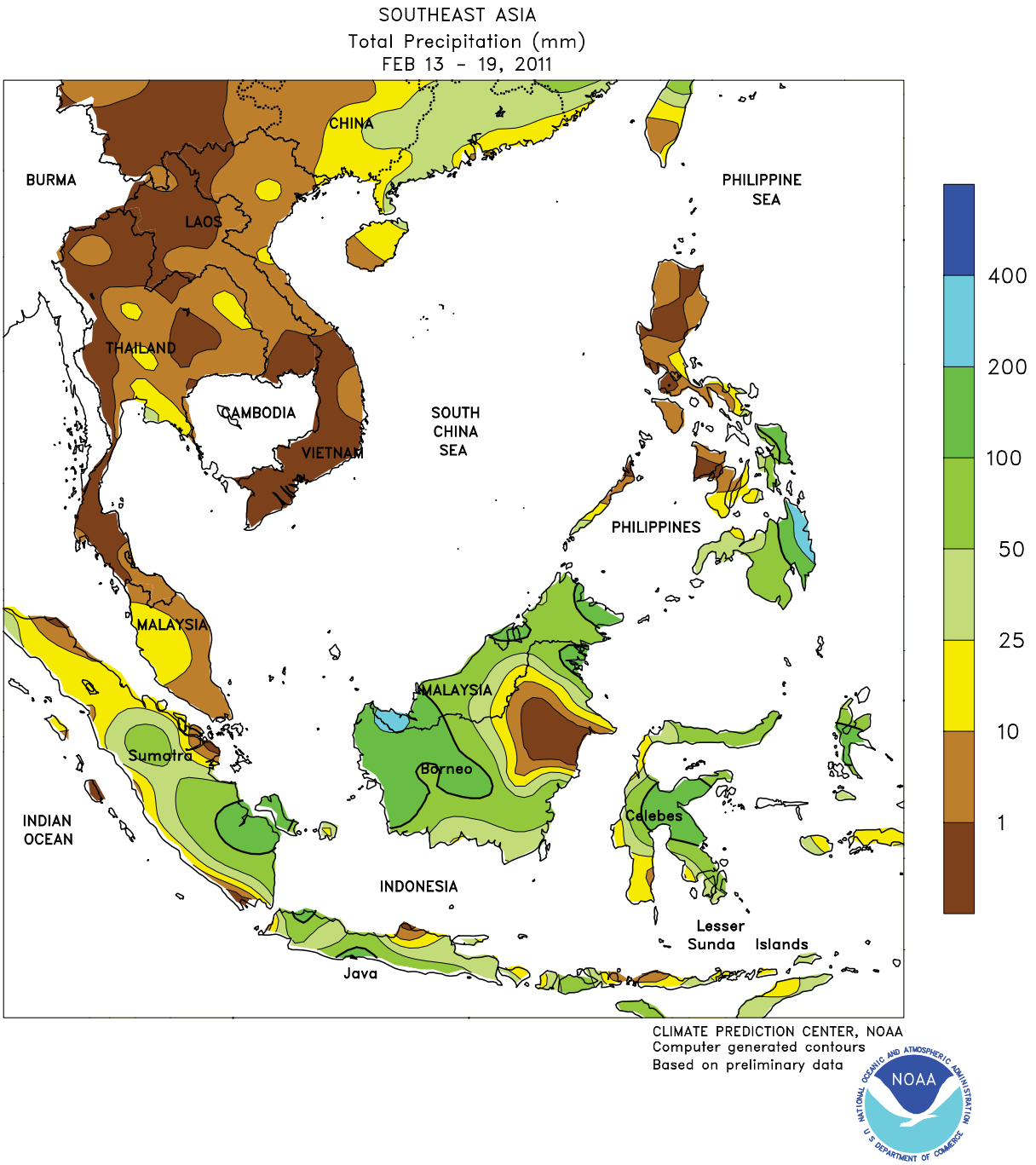

## SOUTH ASIA

Seasonably warm weather prevailed across winter wheat and rapeseed areas of northern India, with temperatures averaging between 15 and 20°C. The warmth further aided crop development that is running behind due to late planting. In addition, passing showers brought up to 25 mm of rain, providing beneficial moisture to crops in the area.



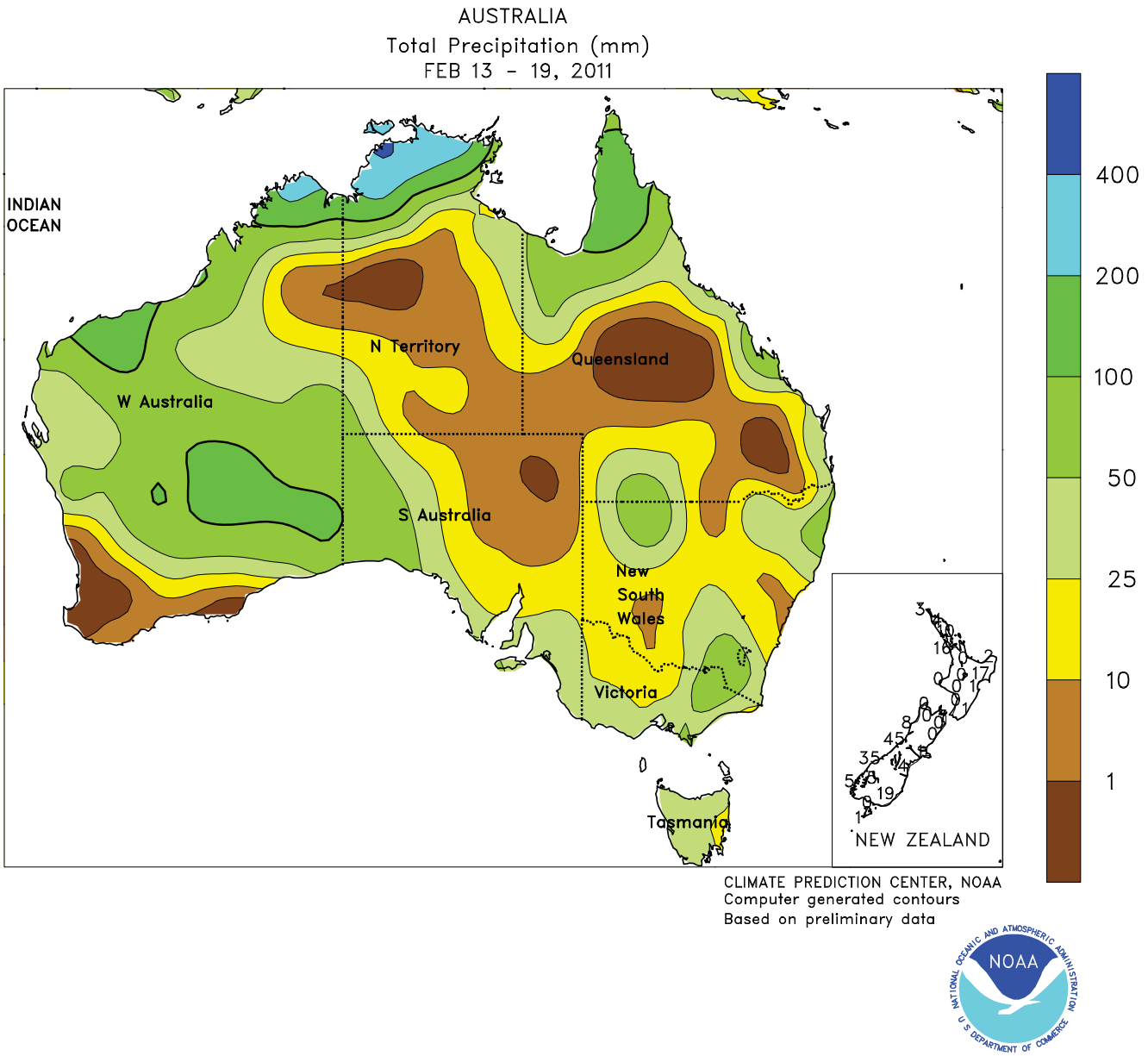

## EASTERN ASIA

Light showers eased short-term dryness in the Yellow River Basin as 1 to 10 mm of rain fell. Winter wheat remained dormant with low moisture requirements. Meanwhile, winter rapeseed was likely beginning to break dormancy in the Yangtze Valley despite a blast of cold air that pushed temperatures 2 to 4°C below normal across the region.



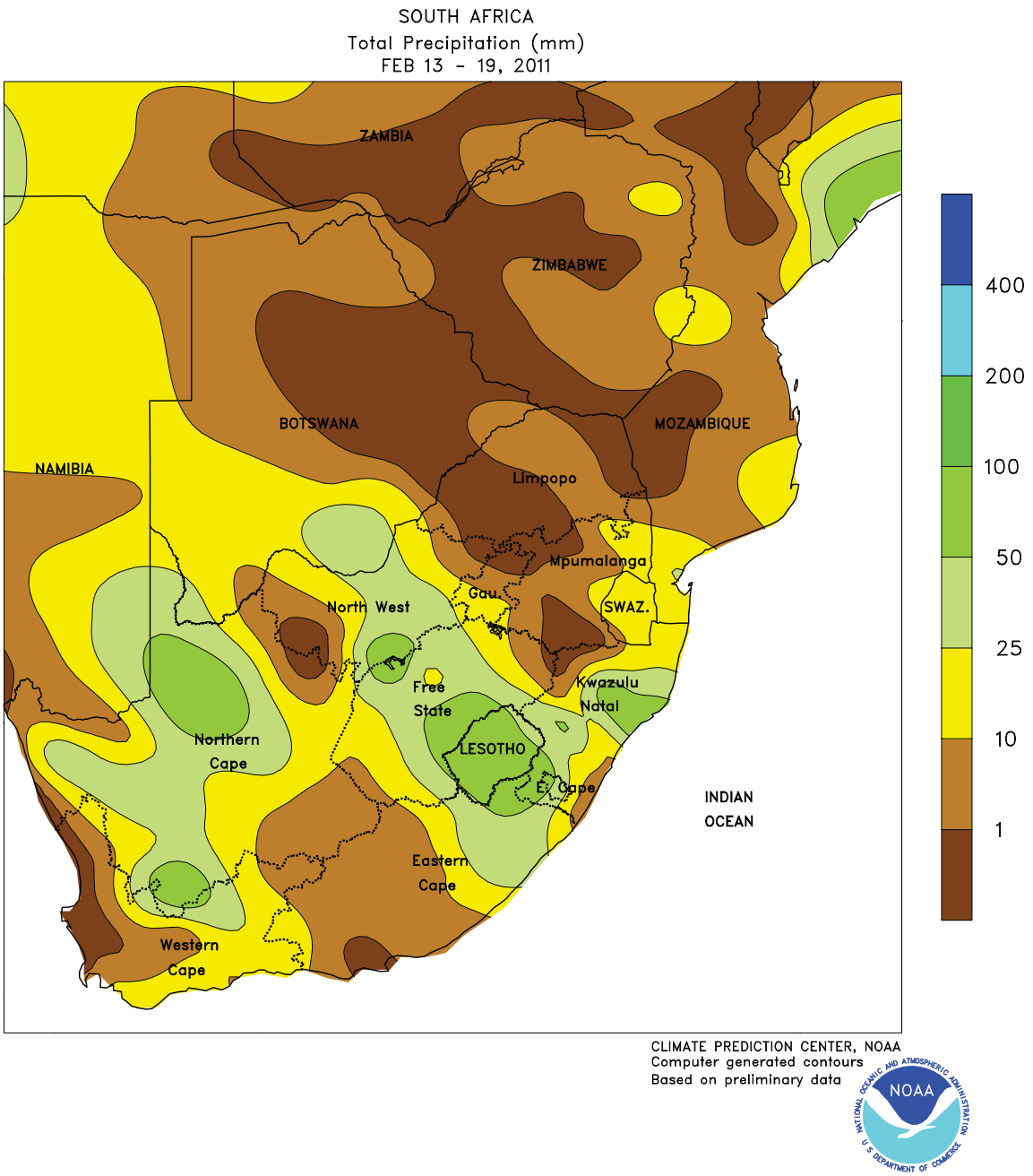

## SOUTHEAST ASIA

In Vietnam, light showers (1-10 mm) provided beneficial moisture to spring rice, although cooler-than-normal weather (temperatures averaging up to 3°C below normal) slowed development. Meanwhile in the Philippines, drier weather in Luzon eased wetness and allowed fieldwork to resume. Localized flooding resumed, however, in parts of eastern Mindanao and the eastern Visayan Islands. Seasonable rainfall (25-100 mm) continued in Indonesia, benefiting reproductive rice in Java while causing only minor oil palm harvest delays. Similarly, rainfall caused minimal delays to oil palm harvesting in Malaysia.



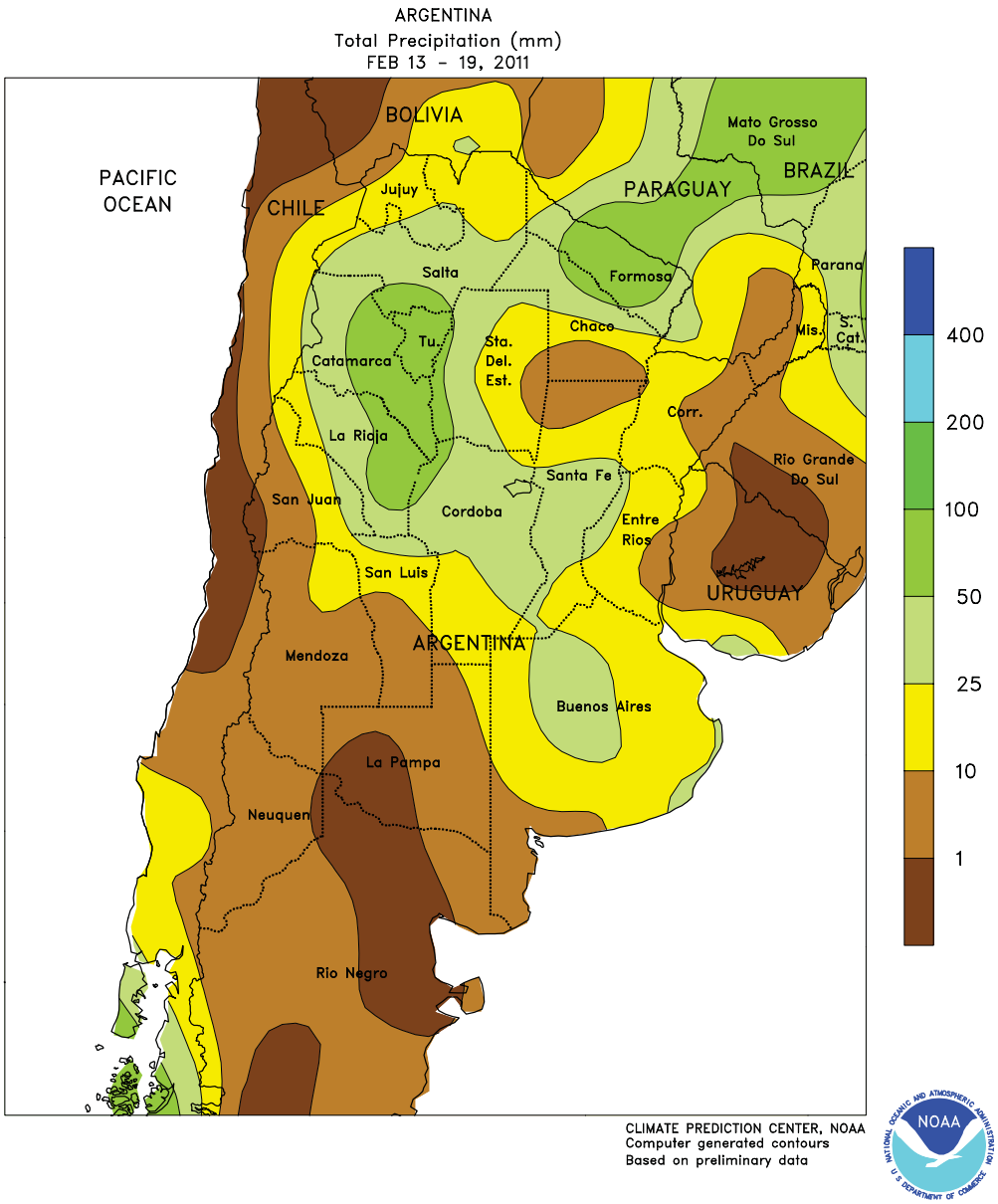

## AUSTRALIA

Locally heavy rain (10-50 mm or more) soaked summer crops along coastal sections of central and southern Queensland, while farther inland, hot, mostly dry weather favored cotton and sorghum development and aided early summer crop harvesting. Farther south, widespread showers (10-50 mm, locally more) maintained abundant moisture supplies for reproductive summer crops in New South Wales and hampered final winter grain harvesting in Victoria and South Australia. Temperatures in major summer crop areas averaged about 1 to 2°C above normal with maximum temperatures in the middle to upper 30s.



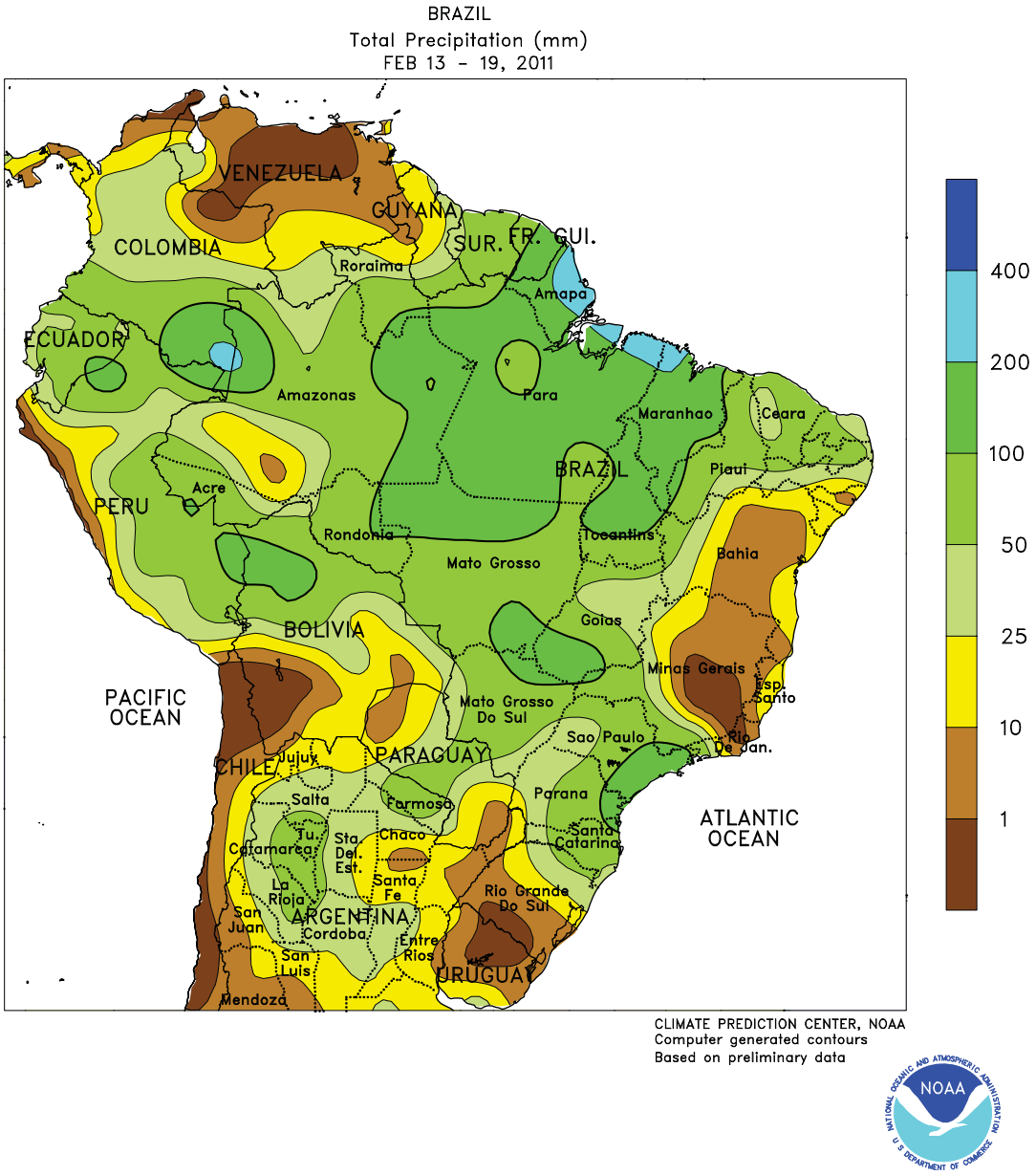

## SOUTH AFRICA

Dry weather lingered over eastern sections of the corn belt for a third week, reducing moisture levels for filling summer crops. Virtually no rain fell from eastern Free State and northwestern KwaZulu-Natal northward through Limpopo, an area that included most of Gauteng and Mpumalanga. Despite the continuing dryness, however, average temperatures were near normal, with highs in the upper 20s and lower 30s (degrees C) in the main commercial production areas in and around southern Mpumalanga. In contrast, unseasonably heavy rain (25-50 mm or more) fell in the western farming areas of North West and Free State; similar amounts were scattered throughout eastern and southern sugarcane areas of KwaZulu-Natal and nearby locations in Eastern Cape. Temperatures averaged near to slightly above normal in these wetter eastern production areas, with highs in the western corn belt reaching the lower 30s. Drier weather prevailed in upper portions of the Orange River Valley (eastern sections of Northern Cape and southwestern Free State) but heavy rain (25-50 mm) lingered farther west, likely engendering additional problems with flooding. In Western Cape, mostly dry, occasionally hot weather (highs at or above 40°C) promoted rapid maturation of tree and vine crops while hastening harvest activities.




## ARGENTINA

Warm, showery weather overspread major production areas of central and northern Argentina, boosting moisture reserves for immature summer crops. Rainfall totaled 10 to 25 mm or more in the high-yielding corn and soybean areas stretching from southern Cordoba to northern Buenos Aires. The rain extended southward to southern Buenos Aires, although pockets of dryness lingered there and in La Pampa; highs in the lower and middle 30s (degrees C) exacerbated the effects of the continuing dryness on immature summer grains and oilseeds. Farther north, moderate to heavy showers (25-50 mm or more) further improved the condition of pastures and summer row crops, including cotton in key production areas of Santiago del Estero and Chaco. Temperatures averaged 1°C above normal across the north, with highs mostly in the lower and middle 30s. According to Argentina's Ministry of Agriculture, sunflowers were 21 percent harvested compared with 16 percent last year. Harvesting of early planted soybeans and corn typically begins in early March.




## BRAZIL

Widespread, locally heavy rain maintained generally favorable conditions for soybeans and other crops over much of the region. Rainfall increased from the previous week over the Center-West and Southeast Regions, with amounts totaling 50 to 100 mm or more from Mato Grosso southeastward through Sao Paulo. Although the frequency of the rain likely disrupted soybean harvesting, the moisture was overall beneficial for secondary crops (notably safrinha corn) as well as sugarcane and coffee in previously dry locations in Sao Paulo and southwestern Minas Gerais. Moderate to heavy rain (25-50 mm, locally exceeding 100 mm) also fell in the vicinity of western Bahia, boosting moisture for immature soybeans and cotton. Temperatures averaged 1°C above normal throughout central Brazil, although highs in the lower and middle 30s (degrees C) supported summer crop growth in the absence of stressful heat. In southern Brazil, showers were less abundant than last week, with rainfall totaling below 25 mm in western and southern agricultural areas of Rio Grande do Sul. Western Rio Grande de Sul recorded several days of high temperatures in the middle 30s, although milder, wetter weather was returning to the region at the end of the week (additional information will appear in next week's *Weekly Weather and Crop Bulletin*). Meanwhile, seasonably dry weather promoted harvesting of cocoa and sugarcane along the eastern coast.

## February Freeze Hits Mexican Crops

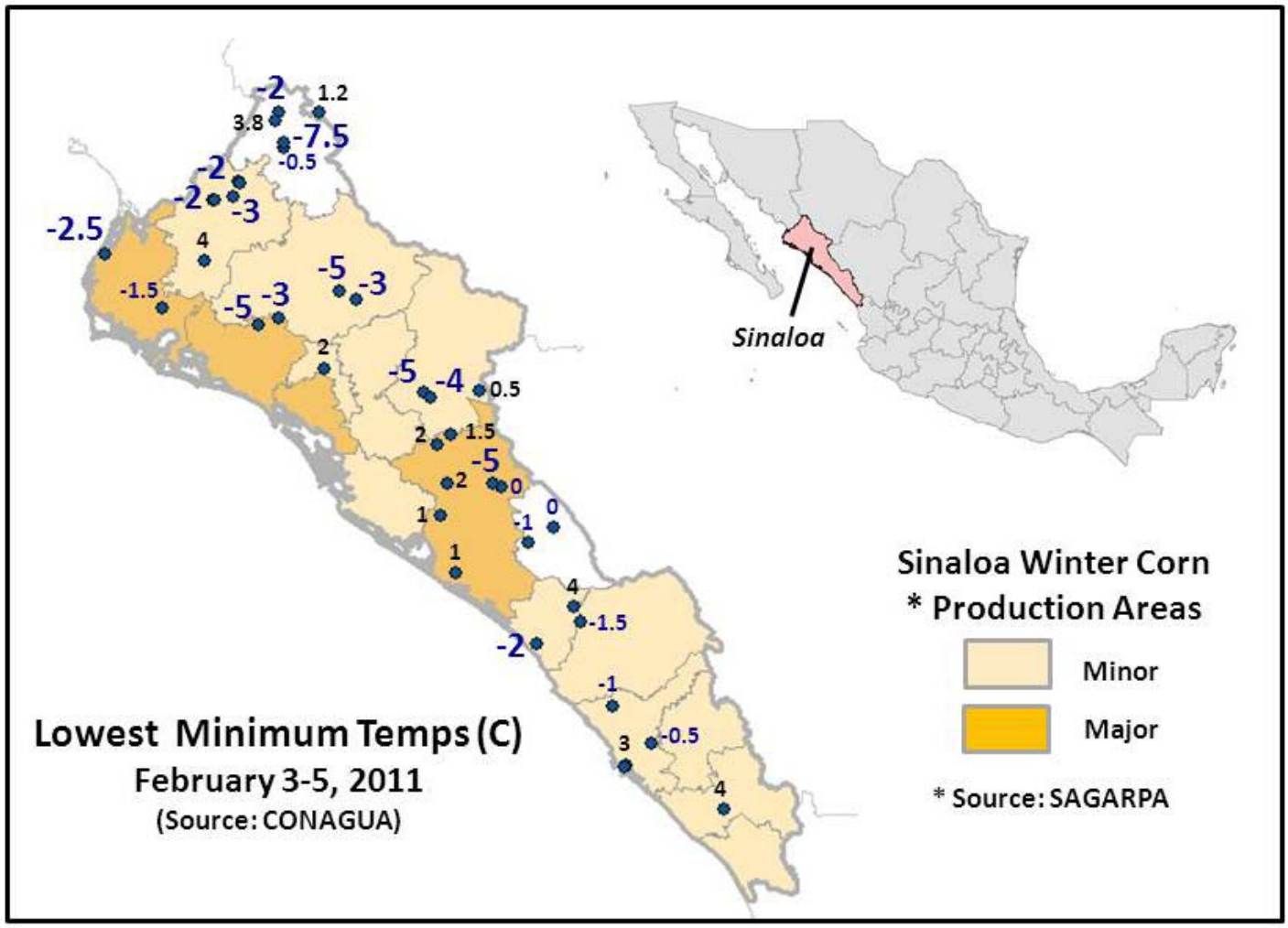


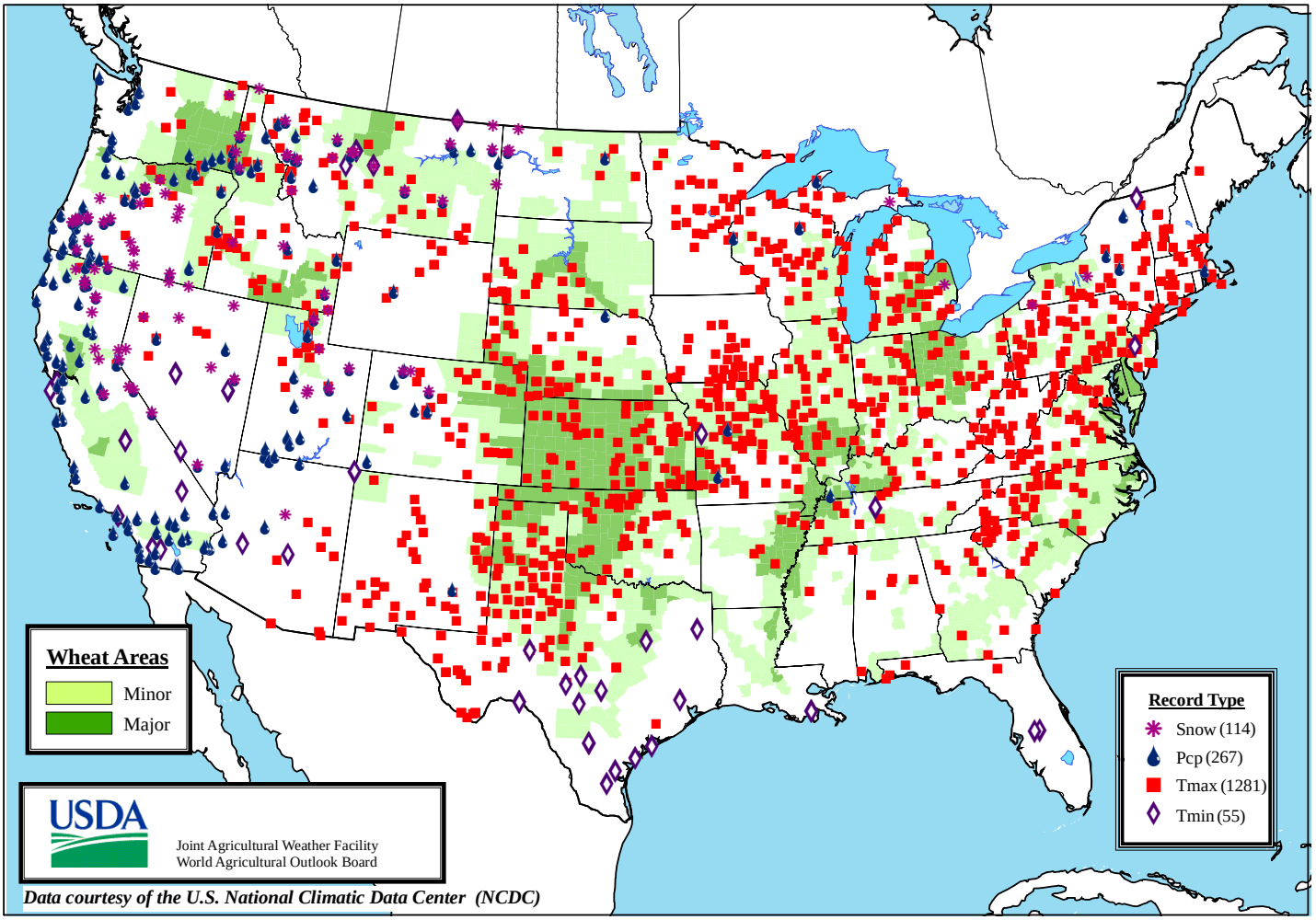

**Figure 1. Temperatures recorded during the February 3-5 cold snap in corn production areas of Sinaloa, Mexico.**

In the first week of February, unseasonably cold weather overspread northern Mexico, dropping temperatures to some of the lowest levels on record. In Sinaloa, an important state in terms of agricultural production, a killing freeze (temperatures at or below -2°C) was recorded in several key farming districts, and frost was prevalent in many others (see Figure 1). According to the Government of Mexico, a significant portion of the state's winter corn crop was affected by the cold. Sinaloa traditionally accounts for 80 percent of the country's winter corn production, and most of the crop is usually planted by February, making a large portion of the crop vulnerable to freeze damage. Historically, over 20 percent of Mexico's entire corn crop is produced during the winter dry season, with the bulk of that harvest occuring in May and June. Reports out of Mexico indicated that reseeding of corn is underway.

As with winter corn, Sinaloa is a leading producer of other crops that likely suffered some degree of damage from the freeze. For example, a report from the attaché dated February 11 depicted widespread, significant damage to the state's tomato crop. According to statistics published by the government of Mexico, Sinaloa is the country's largest producer of red tomatoes, which are mostly grown during the winter; harvesting of the winter-grown portion of the crop in Sinaloa was likely underway at the time of the freeze, although the most active month for harvesting is traditionally March. Green tomatoes are mostly harvested January through March. Sinaloa also leads the nation in the production of peppers; harvesting of this highly freeze-sensitive crop runs from January to June. Cucumbers, squash, and other vegetables were also reportedly affected.

# Daily Weather Records (ASOS & COOP)

## February 13-19, 2011

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