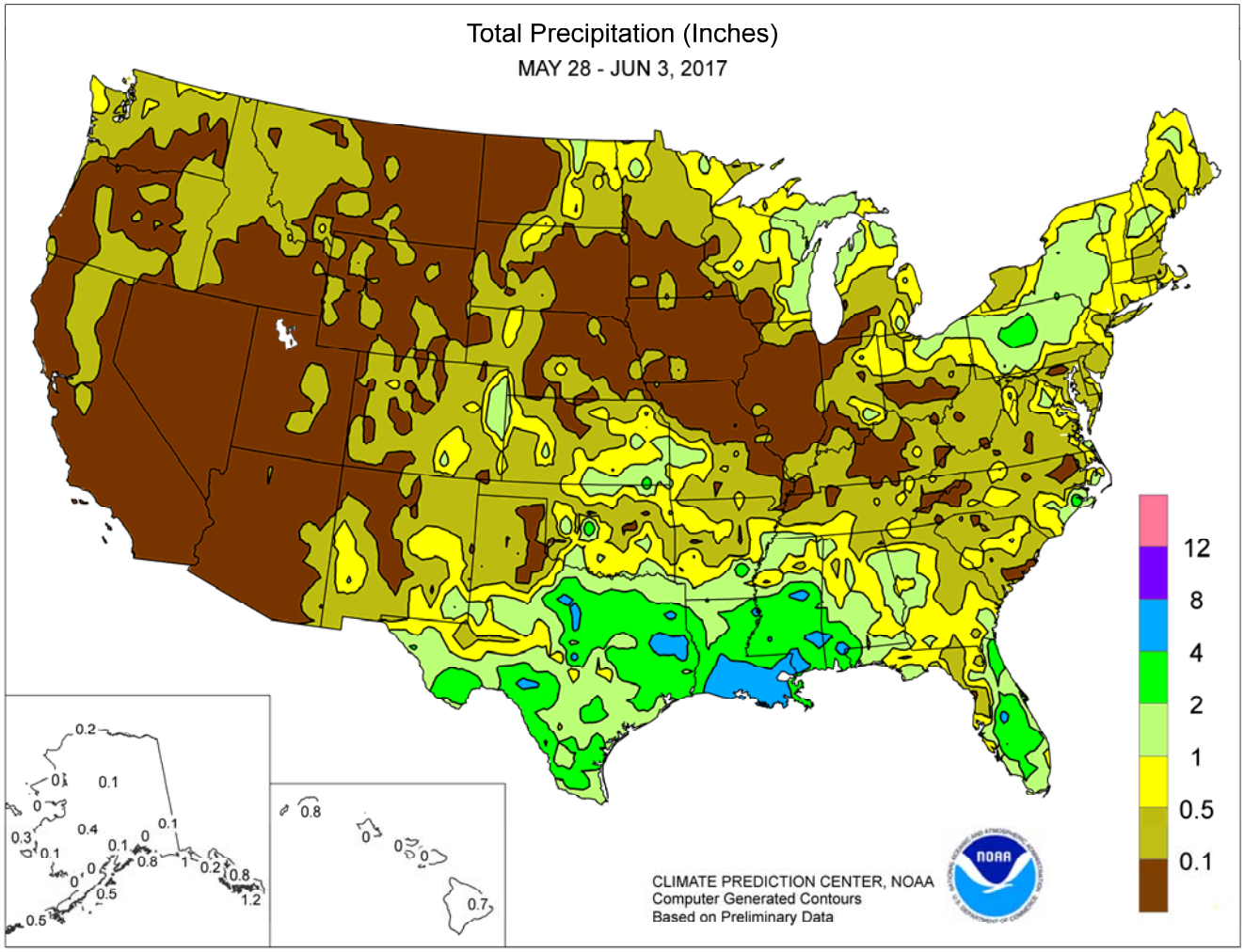
Volume 104, No. 23 http://www.usda.gov/oce/weather June 6, 2017

# 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

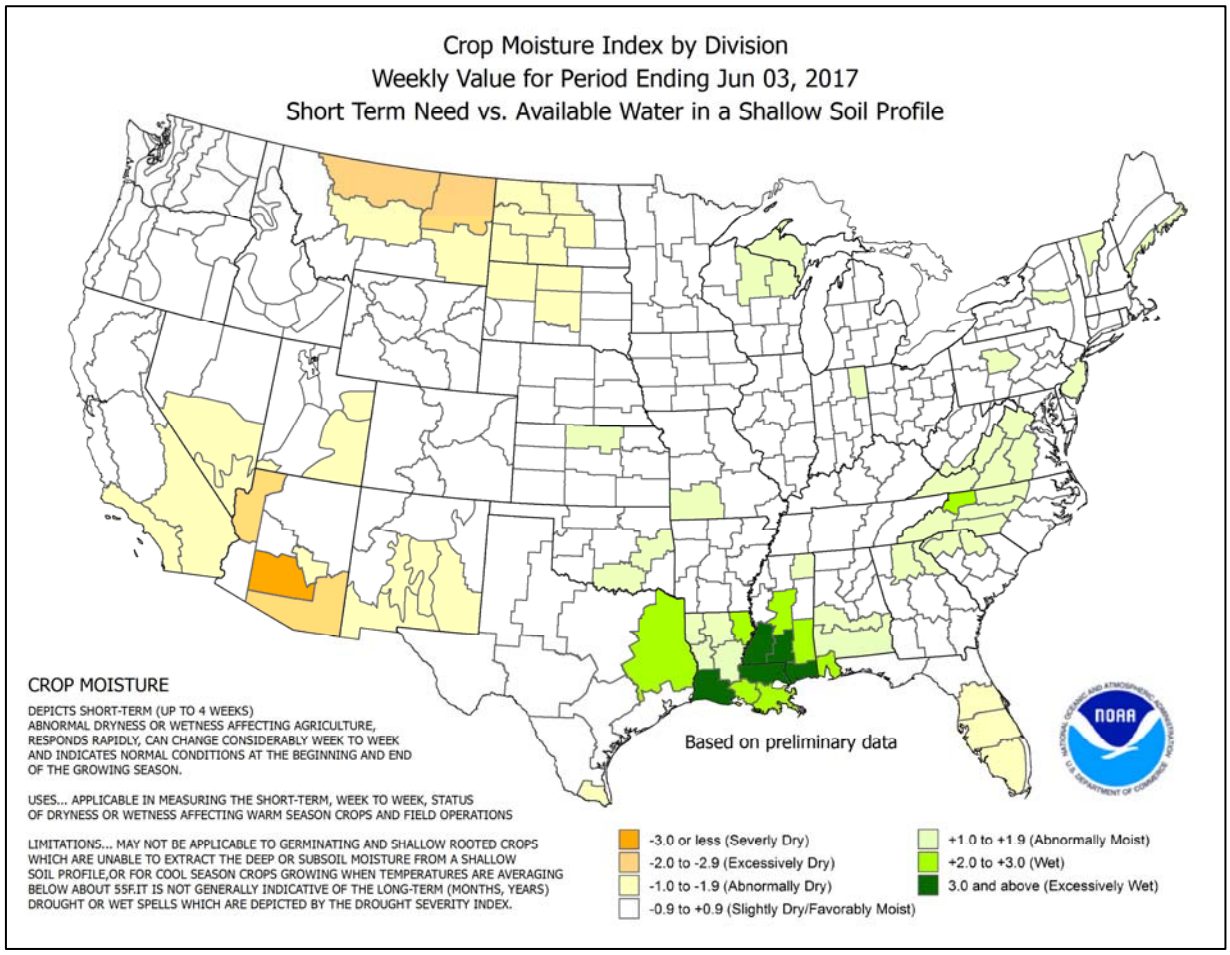
### May 28 – June 3, 2017

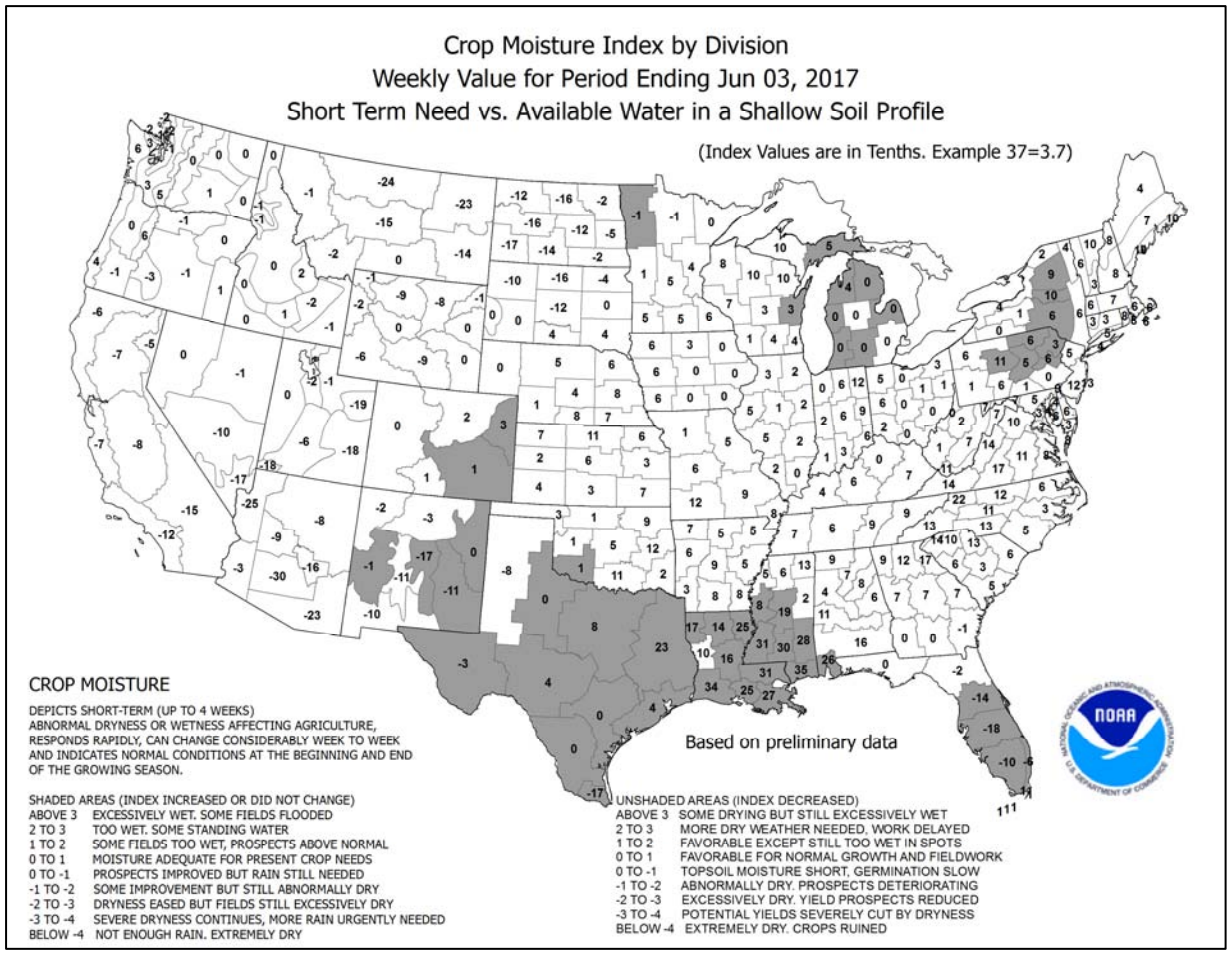
*Highlights provided by USDA/WAOB*

Most of the **Midwest** experienced mild, dry weather, allowing soybean planting to advance and corn planting to near completion. Cool, conditions lingered, however, in the **Northeast**, where weekly temperatures averaged as much as 5°F below normal. Meanwhile, wet weather prevailed across much of the **South** for the second week in a row. Some of the heaviest rain, locally 2 to 4 inches or more, fell in the **central Gulf Coast region**, although **Florida** continued to receive beneficial showers. Showers extended as far west as the **central and southern Plains**,

*(Continued on page 5)*

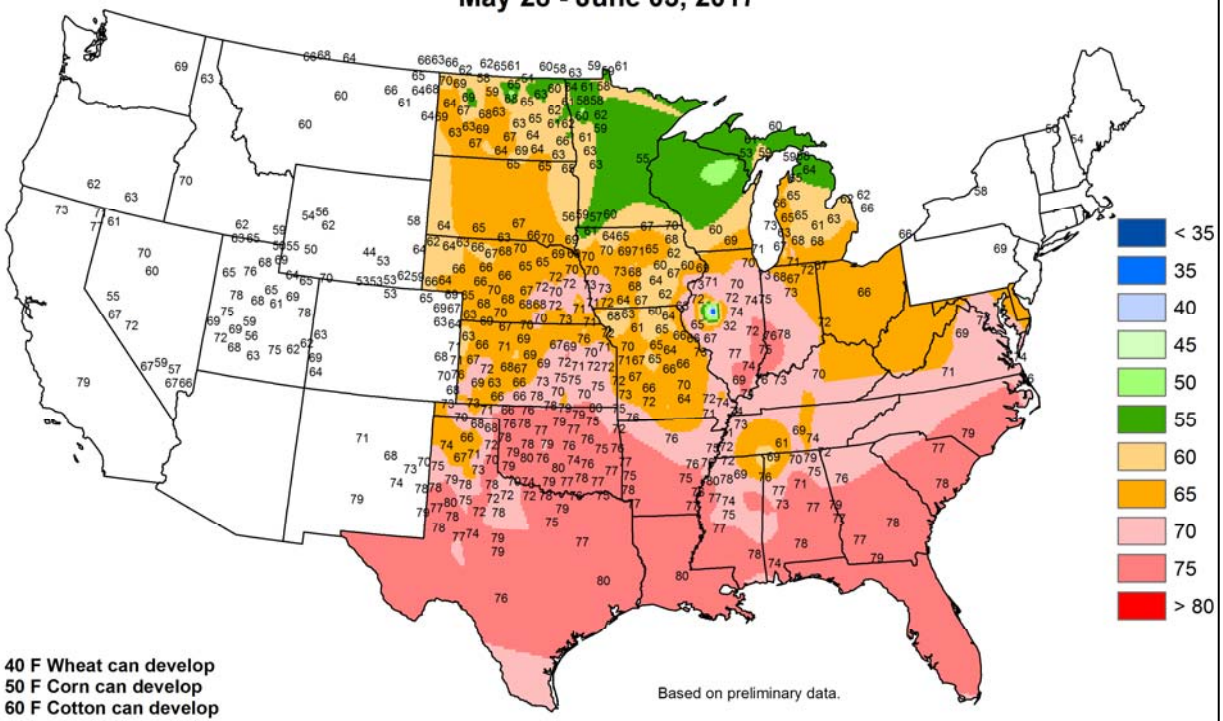
**Contents**


Crop Moisture Index by Division
Weekly Value for Period Ending Jun 03, 2017
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE,OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F.IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Based on preliminary data
NOAA
-3.0 or less (Severly Dry)
-2.0 to -2.9 (Excessively Dry)
-1.0 to -1.9 (Abnormally Dry)
-0.9 to +0.9 (Slightly Dry/Favorably Moist)
+1.0 to +1.9 (Abnormally Moist)
+2.0 to +3.0 (Wet)
3.0 and above (Excessively Wet)


Crop Moisture Index by Division
Weekly Value for Period Ending Jun 03, 2017
Short Term Need vs. Available Water in a Shallow Soil Profile
(Index Values are in Tenths. Example 37=3.7)
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
SHADED AREAS (INDEX INCREASED OR DID NOT CHANGE)
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3 TOO WET. SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET, PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES, MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN. EXTREMELY DRY
UNSHADED AREAS (INDEX DECREASED)
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY. CROPS RUINED
Based on preliminary data
NOAA

## Average Soil Temperature (Deg. F, 4" Bare)

**May 28 - June 03, 2017**




**40 F Wheat can develop**
**50 F Corn can develop**
**60 F Cotton can develop**

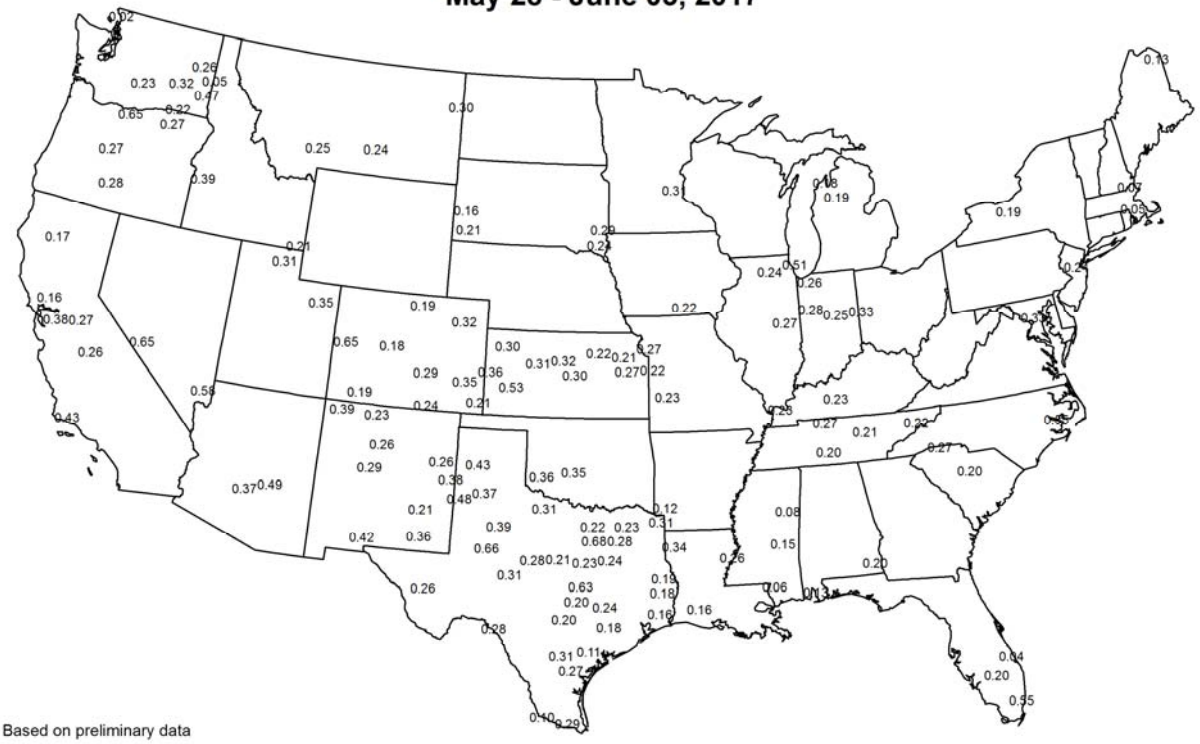
Based on preliminary data.

Data provided by the Climate Prediction Center, High Plains Regional Climate Center, Nebraska Mesonet at Univ of Nebraska, CoAgMet at Colorado State Univ, Kansas Mesonet at Kansas State Univ, North Dakota Agricultural Weather Network at North Dakota State Univ, Wyoming State Climate Office at the Univ of Wyoming, Illinois State Water Survey, Iowa State University, Oklahoma Mesonet, Purdue University, University of Missouri, Illinois State Water Survey, Michigan Automated Weather Network, West Texas Mesonet, South Dakota State Univ. Mesonet, Ohio Agricultural Research and Development Center, Univ. of Missouri and USDA/NRCS.

USDA United States Department of Agriculture

## Average Pan Evaporation (inches/day)

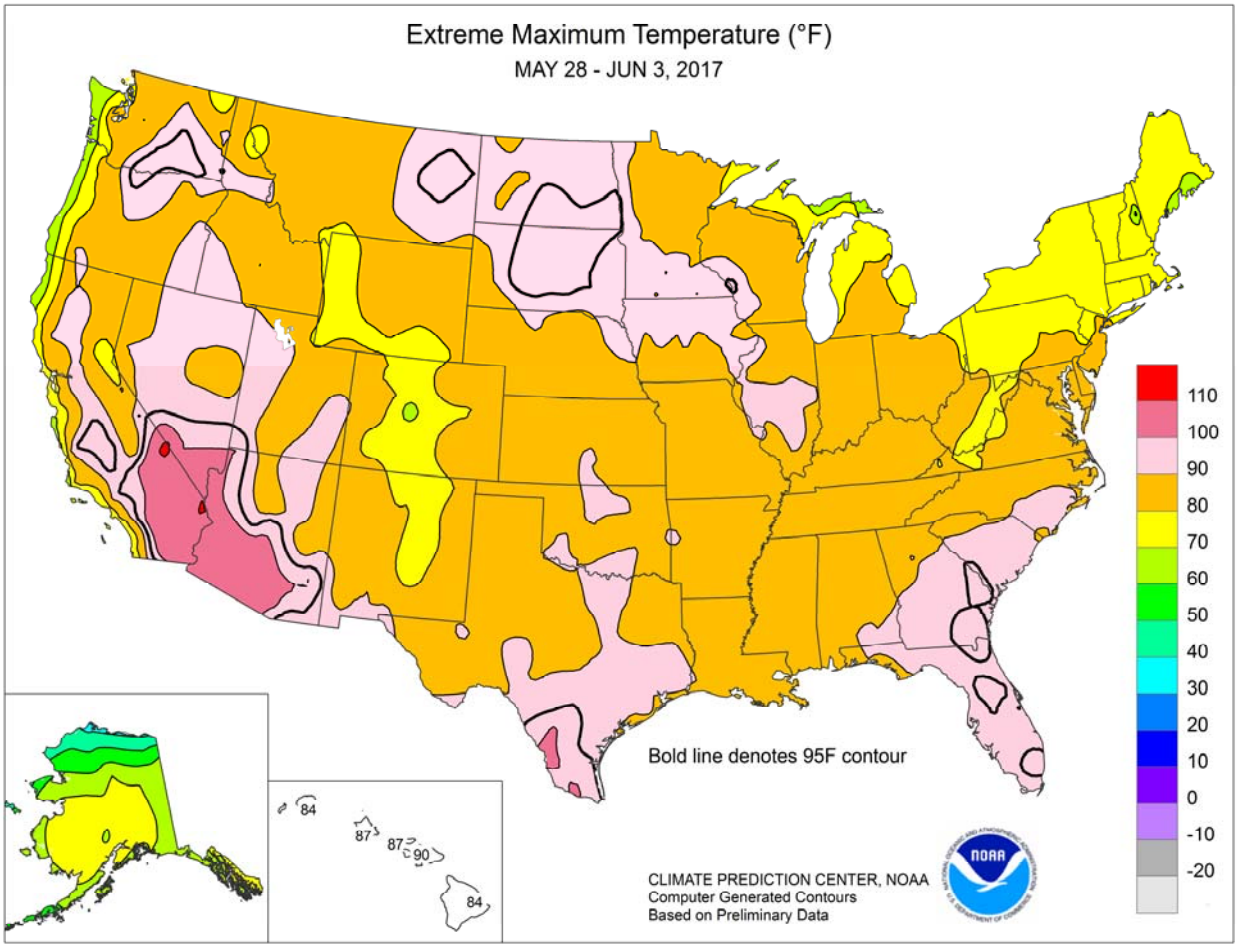
**May 28 - June 03, 2017**

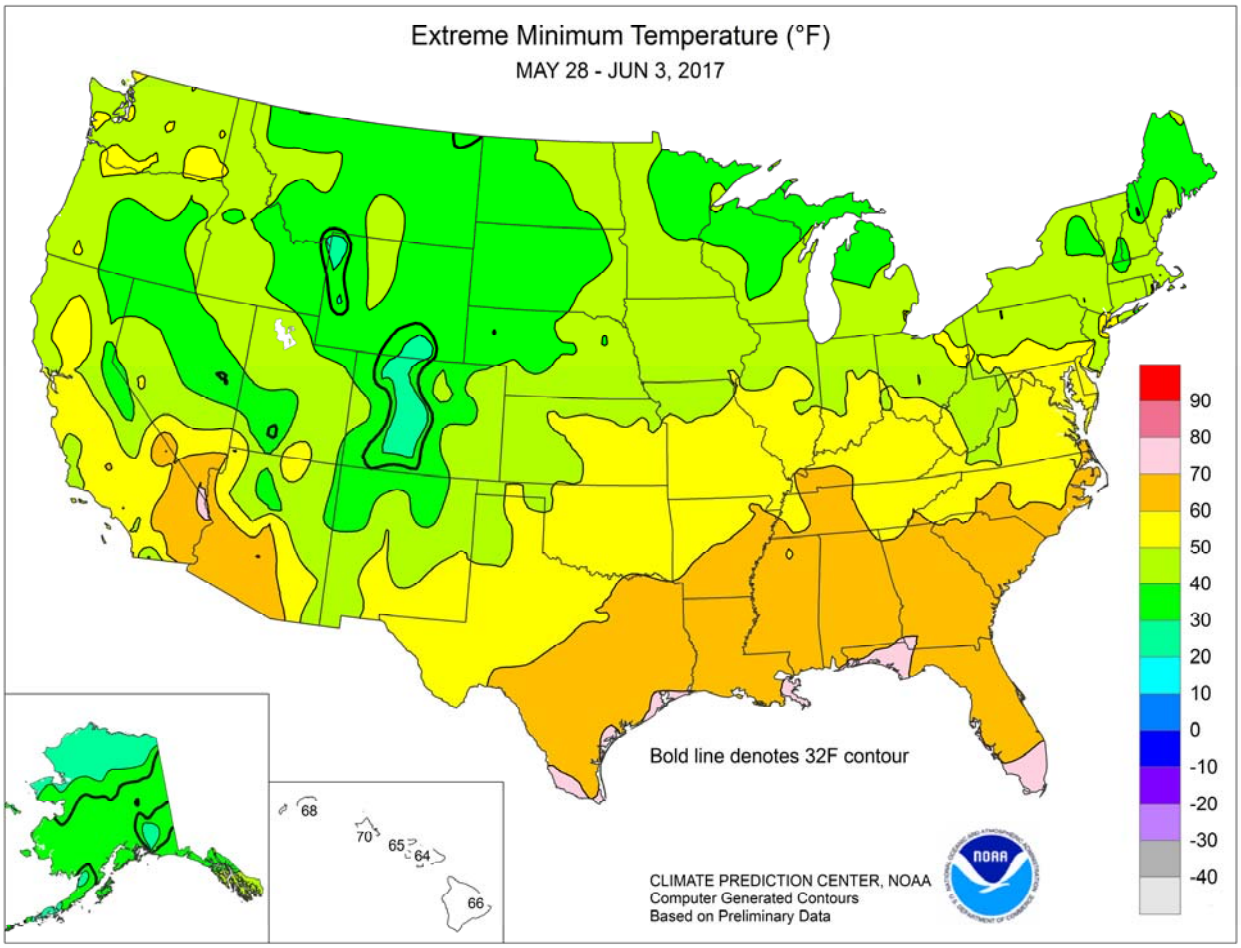


Based on preliminary data

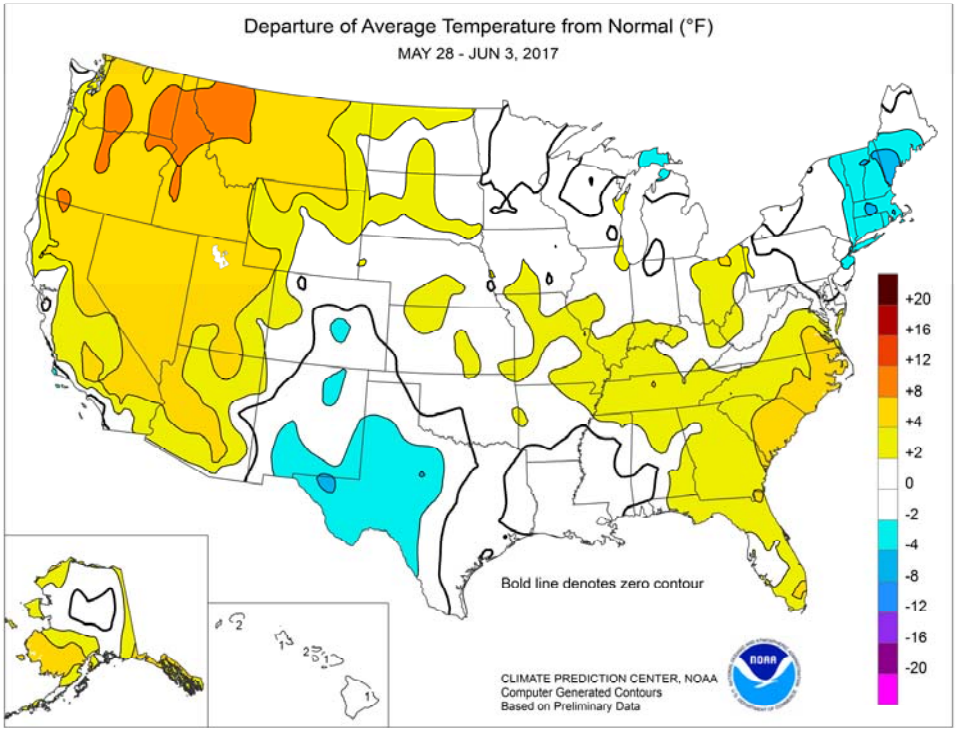
USDA Agricultural Weather Assessments

Data obtained from the NWS Cooperative Observer Network.


Extreme Maximum Temperature (°F)
MAY 28 - JUN 3, 2017
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
84
87
87
90
84
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
MAY 28 - JUN 3, 2017
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
68
70
65
64
66
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

*(Continued from front cover)*

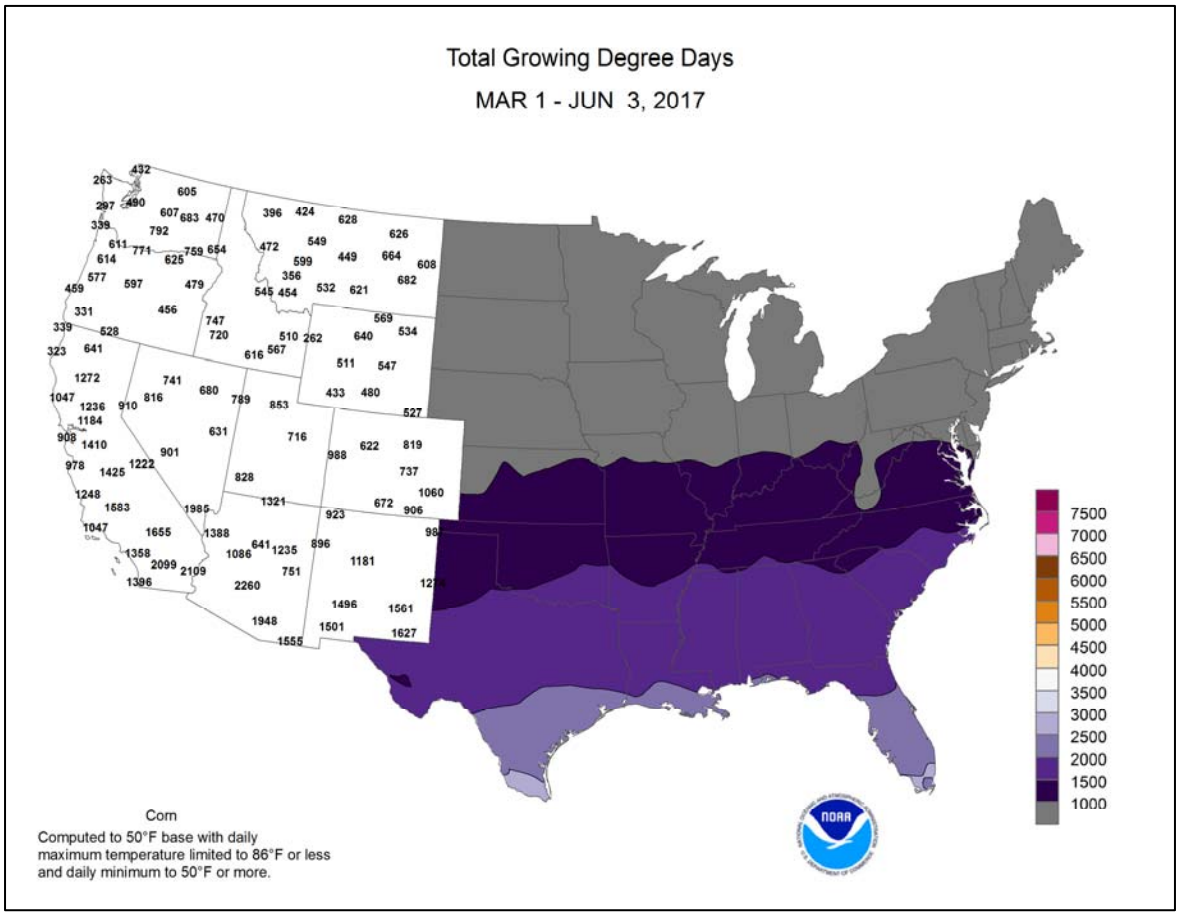


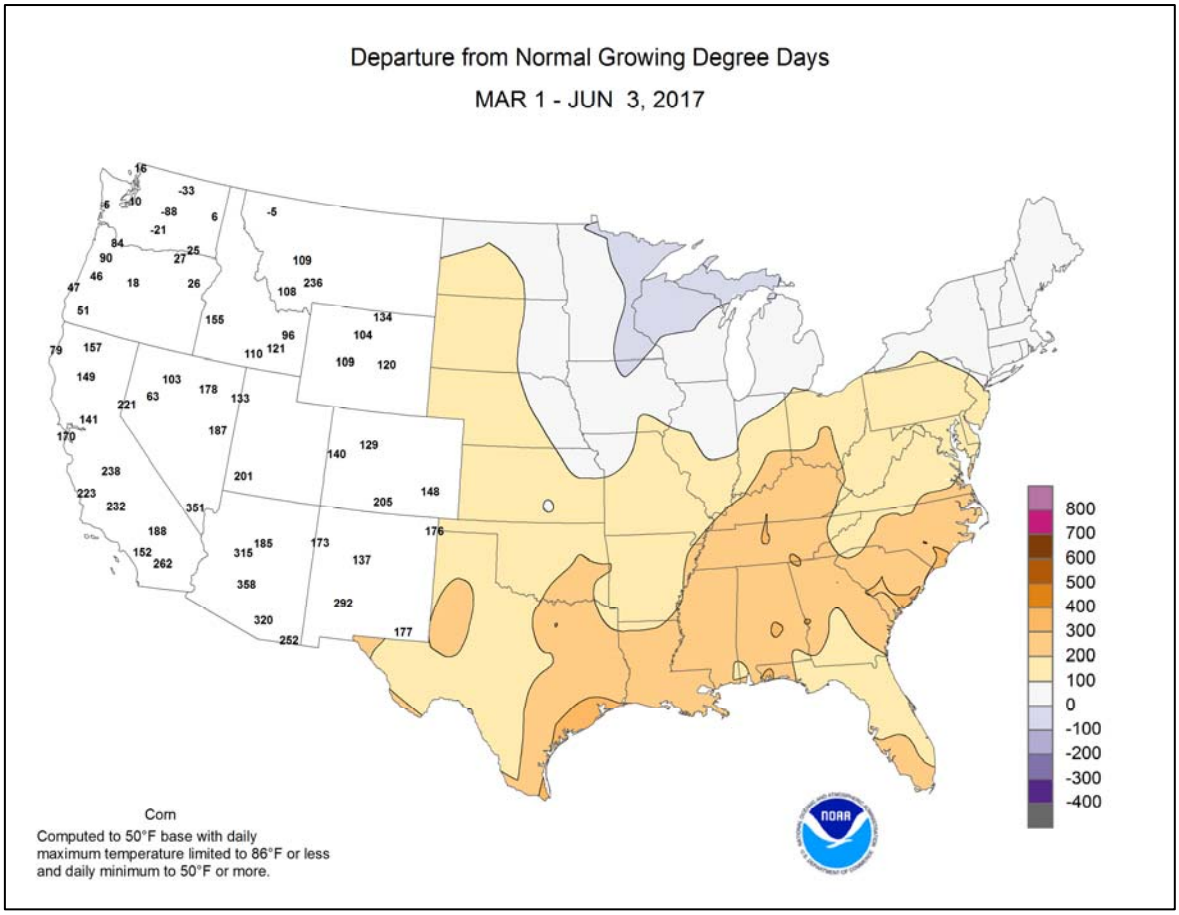

although early-season winter wheat harvesting proceeded with few delays. In contrast, mostly dry weather across the **northern Plains** further increased stress on rangeland, pastures, and spring-sown crops. In addition, early-June temperatures briefly approached or reached 100°F as far north as the **Dakotas**. Elsewhere, warm, dry weather dominated the **West**, melting high-elevation snowpack and promoting a rapid pace of fieldwork and crop development. Temperatures averaged as much as 10°F above normal across the **interior Northwest**.

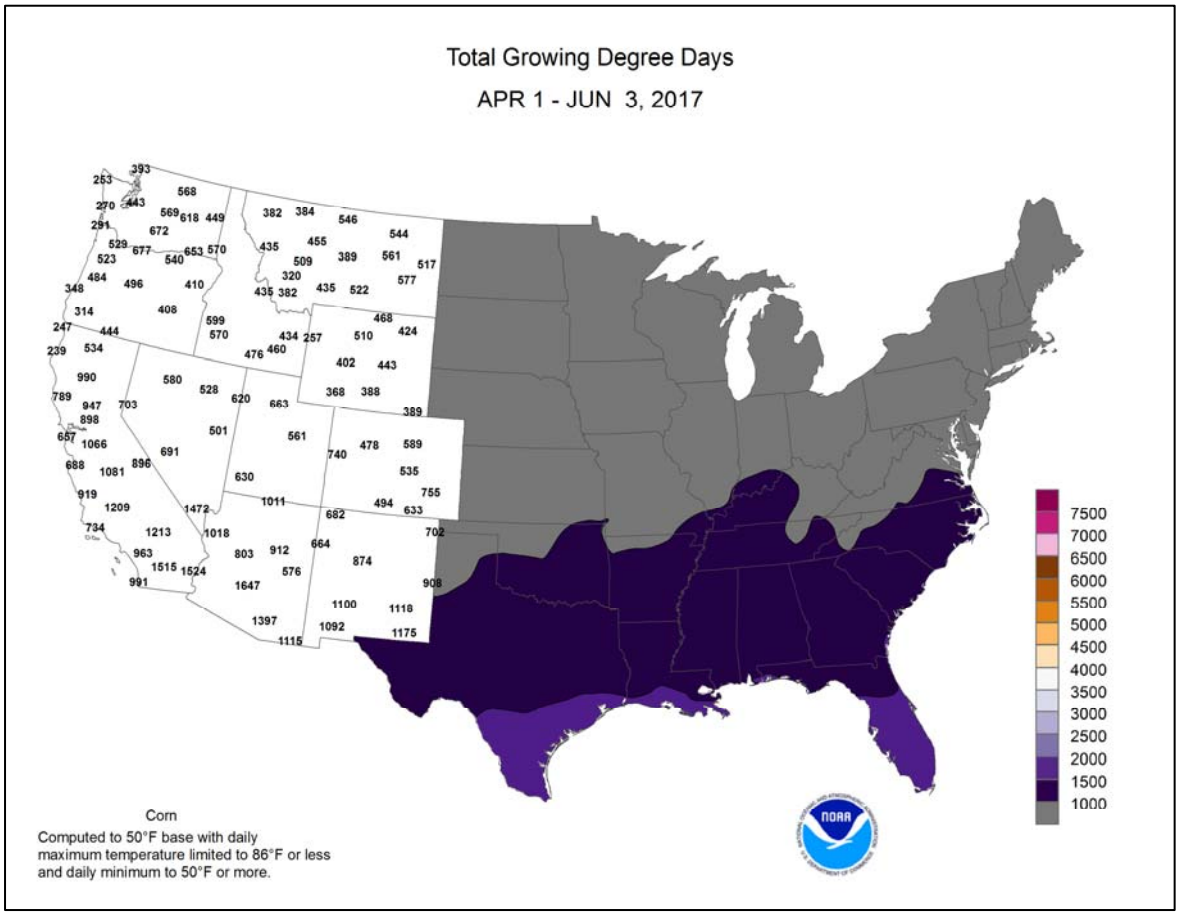
Early in the week, hot weather prevailed across the **Deep South**, while cool conditions lingered in the **Far West**. On May 28, **McAllen, TX**, posted a daily-record high of 101°F, while **Ramona, CA**, notched a daily-record low of 41°F. In **Florida**, **Miami** (98°F on the 28th) experienced its hottest-ever day in May, topping by 2°F the record most recently attained on May 11, 2008. By May 29, hot weather quickly began to overspread the **West**, where **Walla Walla, WA**, collected a daily-record high of 97°F. **Melbourne, FL**, measured a daily-record high of 96°F on the 30th, helping to cap its warmest May on record. **Melbourne's** monthly average temperature of 79.1°F edged the May 1995 standard of 79.0°F. In early June, record-setting heat developed across the **northern Plains**. The new month opened with record-setting highs for June 1 in **Glasgow, MT** (94°F), and **Rapid City, SD** (90°F). On June 2, daily-record highs soared to 100°F in **South Dakota** locations such as **Mobridge** and **Aberdeen**. Elsewhere on the 2nd, highs climbed to 98°F—setting daily records—in **Pierre, SD**, and **Bismarck, ND**. Hot weather also briefly reached the **upper Midwest**, resulting in a daily-record high (97°F on June 3) in **La Crosse, WI**. In contrast, **Glens Falls, NY**, noted 40°F—a record for the date—on June 2. Farther south, **Key West, FL**, posted lows on 4 consecutive days from May 30 to June 2—and set a May record in the process. Previously, **Key West** had never recorded a May minimum temperature higher than 82°F.

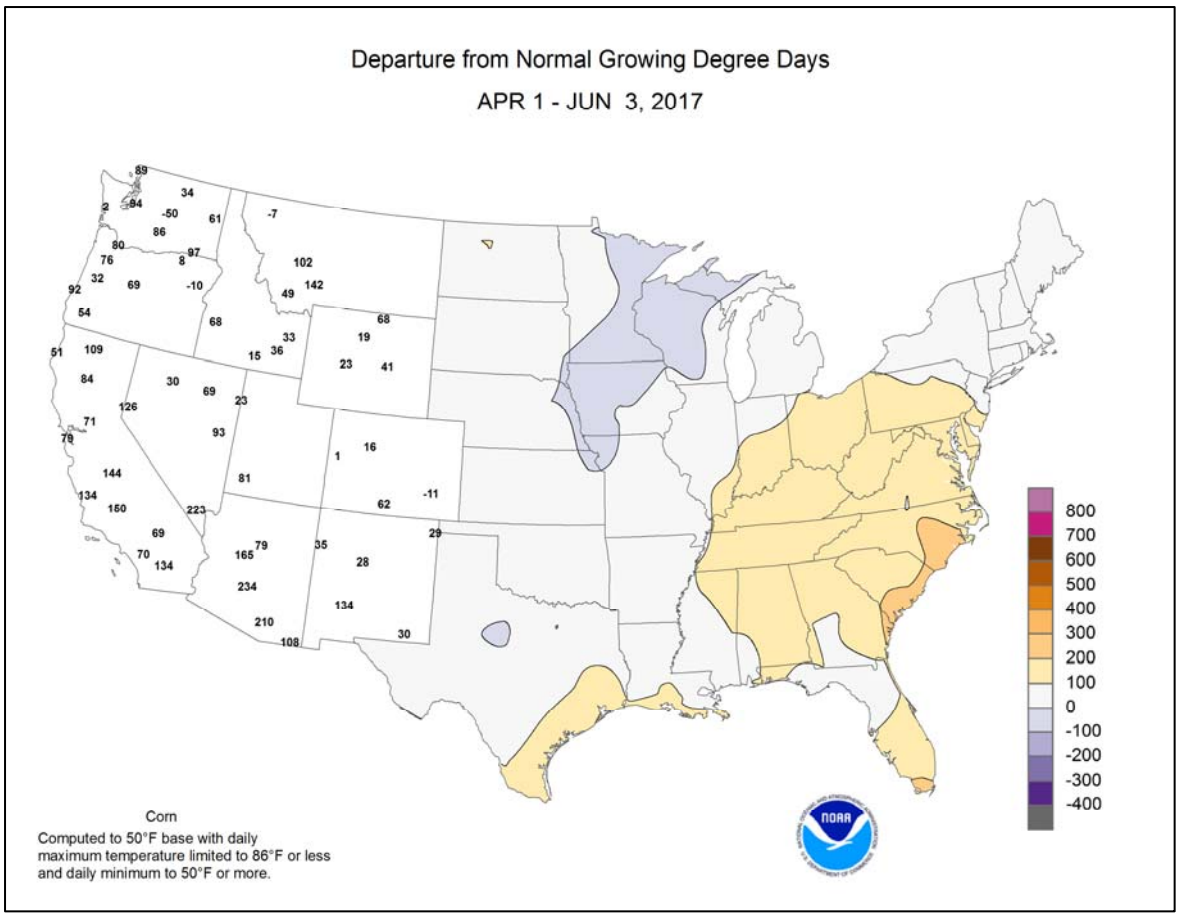
Showers for the most part were disorganized, aside from periods of heavy rain in the **western and central Gulf Coast States**. On May 28, daily-record rainfall totals included 3.12 inches in **Shreveport, LA**; 2.45 inches in **North Little Rock, AR**; and 2.26 inches in **Vicksburg, MS**. Two days later, another round of showers resulted in a daily-record total (2.55 inches) in **New Iberia, LA**. Farther north, **West Plains, MO**, received minimal rain during the week, but easily set a spring precipitation record with 30.78 inches (225 percent of normal). Previously, the March-May precipitation record in **West Plains** had been 28.39 inches in 2011. In contrast, spring precipitation totaled just 1.01 inches (22 percent of normal) in **Hettinger, ND**. Elsewhere in the Dakotas, March-May precipitation ranged from 25 to 40 percent of normal in locations such as **Minot, ND** (1.23 inches); **Bismarck, ND** (1.73 inches); and **Mobridge, SD** (1.77 inches). In early June, periodically heavy showers continued across the **South**, with daily-record totals reaching 4.28 inches (on June 2) in **Tupelo, MS**, and 2.39 inches (on June 3) in **Lafayette, LA**. **North Little Rock, AR**, received 1.65 inches on June 3, boosting its weekly total to 4.68 inches.

Most of **Alaska** experienced scattered, generally light showers and near- to above-normal temperatures. Despite the overall mild pattern, **Anchorage** achieved a daily-record low of 36°F on May 30. Later, **Bethel** posted a daily-record high of 76°F for June 2. The warmest weather, relative to normal, covered **southwestern Alaska**. Farther south, most of **Hawaii** experienced warm, dry weather. In fact, most of **Hawaii** noted a drier-than-normal May, with monthly totals as low as 0.08 inch (11 percent of normal) in **Kahului, Maui**, and 0.36 inch (58 percent) in **Honolulu, Oahu**. Meanwhile in **Lihue, Kauai**, the monthly average temperature of 77.9°F was 2.1°F above normal and represented the highest May value in that location since 2005.


Total Growing Degree Days
MAR 1 - JUN 3, 2017
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
MAR 1 - JUN 3, 2017
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Total Growing Degree Days
APR 1 - JUN 3, 2017
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.


Departure from Normal Growing Degree Days
APR 1 - JUN 3, 2017
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400
Corn
Computed to 50°F base with daily maximum temperature limited to 86°F or less and daily minimum to 50°F or more.

# National Weather Data for Selected Cities

## Weather Data for the Week Ending June 3, 2017

**Data Provided by Climate Prediction Center**

| 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 JUN 1 | PCT. NORMAL SINCE JUN 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 | 84 | 68 | 89 | 66 | 76 | 3 | 0.54 | -0.42 | 0.15 | 0.30 | 75 | 27.97 | 109 | 94 | 53 | 0 | 0 | 6 | 0 |
| | HUNTSVILLE | 86 | 67 | 89 | 65 | 76 | 4 | 1.40 | 0.27 | 1.14 | 0.00 | 0 | 22.74 | 83 | 97 | 56 | 0 | 0 | 2 | 1 |
| | MOBILE | 85 | 72 | 88 | 69 | 78 | 1 | 1.36 | 0.05 | 0.61 | 0.77 | 140 | 32.76 | 110 | 91 | 73 | 0 | 0 | 5 | 1 |
| | MONTGOMERY | 86 | 71 | 88 | 69 | 78 | 2 | 1.43 | 0.57 | 0.62 | 0.97 | 262 | 34.97 | 136 | 84 | 57 | 0 | 0 | 6 | 1 |
| AK | ANCHORAGE | 61 | 43 | 75 | 36 | 52 | 1 | 0.14 | -0.04 | 0.13 | 0.01 | 13 | 4.89 | 146 | 79 | 54 | 0 | 0 | 2 | 0 |
| | BARROW | 33 | 27 | 35 | 24 | 30 | 2 | 0.16 | 0.14 | 0.16 | 0.00 | 0 | 3.30 | 579 | 95 | 84 | 0 | 7 | 1 | 0 |
| | FAIRBANKS | 68 | 43 | 74 | 35 | 56 | 2 | 0.04 | -0.17 | 0.03 | 0.00 | 0 | 3.15 | 151 | 68 | 37 | 0 | 0 | 2 | 0 |
| | JUNEAU | 63 | 46 | 68 | 38 | 55 | 4 | 0.24 | -0.53 | 0.22 | 0.02 | 6 | 22.26 | 116 | 92 | 66 | 0 | 0 | 3 | 0 |
| | KODIAK | 54 | 41 | 60 | 34 | 47 | 1 | 0.46 | -0.93 | 0.46 | 0.00 | 0 | 20.72 | 66 | 86 | 66 | 0 | 0 | 1 | 0 |
| | NOME | 56 | 36 | 66 | 32 | 46 | 3 | 0.00 | -0.18 | 0.00 | 0.00 | 0 | 2.57 | 69 | 78 | 55 | 0 | 2 | 0 | 0 |
| AZ | FLAGSTAFF | 76 | 38 | 82 | 35 | 57 | 3 | 0.00 | -0.08 | 0.00 | 0.00 | 0 | 9.64 | 102 | 67 | 15 | 0 | 0 | 0 | 0 |
| | PHOENIX | 102 | 76 | 107 | 72 | 89 | 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 2.41 | 78 | 26 | 13 | 7 | 0 | 0 | 0 |
| | PRESCOTT | 86 | 52 | 92 | 48 | 69 | 7 | 0.25 | 0.19 | 0.15 | 0.00 | 0 | 4.90 | 72 | 49 | 12 | 1 | 0 | 2 | 0 |
| | TUCSON | 99 | 68 | 104 | 63 | 83 | 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | 1.60 | 50 | 26 | 12 | 7 | 0 | 0 | 0 |
| AR | FORT SMITH | 87 | 64 | 91 | 60 | 75 | 2 | 0.45 | -0.74 | 0.45 | 0.45 | 90 | 22.52 | 121 | 88 | 42 | 1 | 0 | 1 | 0 |
| | LITTLE ROCK | 85 | 64 | 87 | 61 | 74 | 0 | 2.61 | 1.59 | 2.07 | 0.38 | 88 | 26.19 | 115 | 100 | 55 | 0 | 0 | 5 | 1 |
| CA | BAKERSFIELD | 90 | 66 | 97 | 62 | 78 | 5 | 0.01 | -0.05 | 0.01 | 0.00 | 0 | 4.80 | 106 | 56 | 42 | 5 | 0 | 1 | 0 |
| | FRESNO | 89 | 62 | 96 | 60 | 76 | 4 | 0.00 | -0.08 | 0.00 | 0.00 | 0 | 12.64 | 165 | 71 | 44 | 5 | 0 | 0 | 0 |
| | LOS ANGELES | 69 | 60 | 71 | 58 | 64 | 0 | 0.00 | -0.03 | 0.00 | 0.00 | 0 | 12.07 | 129 | 91 | 76 | 0 | 0 | 0 | 0 |
| | REDDING | 89 | 62 | 95 | 59 | 76 | 6 | 0.23 | -0.10 | 0.23 | 0.00 | 0 | 27.70 | 130 | 83 | 44 | 4 | 0 | 1 | 0 |
| | SACRAMENTO | 84 | 56 | 92 | 48 | 70 | 2 | 0.05 | -0.03 | 0.05 | 0.00 | 0 | 23.54 | 200 | 91 | 37 | 1 | 0 | 1 | 0 |
| | SAN DIEGO | 68 | 61 | 73 | 58 | 65 | 0 | 0.00 | -0.03 | 0.00 | 0.00 | 0 | 7.74 | 103 | 86 | 74 | 0 | 0 | 0 | 0 |
| | SAN FRANCISCO | 66 | 54 | 71 | 52 | 60 | 0 | 0.00 | -0.06 | 0.00 | 0.00 | 0 | 21.92 | 165 | 86 | 70 | 0 | 0 | 0 | 0 |
| | STOCKTON | 88 | 56 | 94 | 54 | 72 | 3 | 0.07 | 0.00 | 0.07 | 0.00 | 0 | 15.59 | 175 | 82 | 49 | 2 | 0 | 1 | 0 |
| CO | ALAMOSA | 72 | 37 | 74 | 30 | 55 | 0 | 0.15 | 0.01 | 0.10 | 0.15 | 250 | 4.41 | 199 | 90 | 30 | 0 | 1 | 2 | 0 |
| | CO SPRINGS | 74 | 46 | 78 | 41 | 60 | 1 | 0.08 | -0.50 | 0.04 | 0.06 | 24 | 6.19 | 104 | 81 | 28 | 0 | 0 | 3 | 0 |
| | DENVER INTL | 76 | 47 | 82 | 41 | 61 | 1 | 0.15 | -0.42 | 0.06 | 0.01 | 4 | 6.34 | 119 | 81 | 32 | 0 | 0 | 4 | 0 |
| | GRAND JUNCTION | 84 | 52 | 89 | 45 | 68 | 3 | 0.03 | -0.14 | 0.02 | 0.03 | 43 | 2.86 | 71 | 52 | 20 | 0 | 0 | 2 | 0 |
| | PUEBLO | 80 | 48 | 86 | 44 | 64 | 0 | 0.69 | 0.37 | 0.69 | 0.69 | 531 | 9.75 | 220 | 83 | 37 | 0 | 0 | 1 | 1 |
| CT | BRIDGEPORT | 70 | 56 | 81 | 51 | 63 | 0 | 0.73 | -0.15 | 0.48 | 0.03 | 8 | 20.00 | 104 | 81 | 68 | 0 | 0 | 3 | 0 |
| | HARTFORD | 70 | 51 | 79 | 45 | 61 | -3 | 0.46 | -0.52 | 0.39 | 0.04 | 10 | 18.33 | 95 | 89 | 58 | 0 | 0 | 4 | 0 |
| DC | WASHINGTON | 81 | 63 | 86 | 61 | 72 | 2 | 0.27 | -0.57 | 0.17 | 0.00 | 0 | 14.86 | 91 | 89 | 53 | 0 | 0 | 3 | 0 |
| DE | WILMINGTON | 75 | 57 | 82 | 52 | 66 | 0 | 0.16 | -0.73 | 0.11 | 0.00 | 0 | 17.20 | 95 | 95 | 56 | 0 | 0 | 3 | 0 |
| FL | DAYTONA BEACH | 90 | 70 | 94 | 63 | 80 | 3 | 0.45 | -0.60 | 0.26 | 0.42 | 89 | 8.65 | 54 | 99 | 55 | 5 | 0 | 4 | 0 |
| | JACKSONVILLE | 92 | 70 | 98 | 68 | 81 | 5 | 2.58 | 1.62 | 1.32 | 1.41 | 328 | 16.71 | 94 | 97 | 54 | 5 | 0 | 3 | 2 |
| | KEY WEST | 88 | 82 | 89 | 80 | 85 | 3 | 0.00 | -1.04 | 0.00 | 0.00 | 0 | 9.06 | 78 | 82 | 66 | 0 | 0 | 0 | 0 |
| | MIAMI | 91 | 78 | 98 | 74 | 84 | 3 | 5.39 | 3.64 | 5.19 | 5.39 | 682 | 18.88 | 117 | 80 | 58 | 5 | 0 | 3 | 1 |
| | ORLANDO | 91 | 69 | 93 | 60 | 80 | 1 | 1.74 | 0.50 | 1.20 | 0.46 | 82 | 6.92 | 46 | 99 | 53 | 5 | 0 | 5 | 1 |
| | PENSACOLA | 83 | 75 | 86 | 73 | 79 | 1 | 0.61 | -0.58 | 0.28 | 0.32 | 62 | 24.27 | 96 | 87 | 67 | 0 | 0 | 5 | 0 |
| | TALLAHASSEE | 91 | 72 | 94 | 69 | 81 | 3 | 0.17 | -1.23 | 0.16 | 0.16 | 26 | 20.39 | 80 | 94 | 51 | 4 | 0 | 2 | 0 |
| | TAMPA | 91 | 76 | 93 | 72 | 83 | 3 | 0.50 | -0.41 | 0.35 | 0.50 | 122 | 6.47 | 50 | 83 | 52 | 5 | 0 | 2 | 0 |
| | WEST PALM BEACH | 89 | 75 | 93 | 72 | 82 | 2 | 0.47 | -1.09 | 0.27 | 0.47 | 68 | 11.03 | 56 | 83 | 56 | 4 | 0 | 2 | 0 |
| GA | ATHENS | 86 | 65 | 90 | 64 | 76 | 4 | 0.77 | -0.14 | 0.34 | 0.00 | 0 | 25.11 | 116 | 97 | 56 | 1 | 0 | 3 | 0 |
| | ATLANTA | 84 | 67 | 88 | 65 | 76 | 3 | 0.87 | 0.05 | 0.51 | 0.00 | 0 | 23.09 | 100 | 89 | 58 | 0 | 0 | 3 | 1 |
| | AUGUSTA | 92 | 67 | 96 | 65 | 79 | 5 | 0.00 | -0.86 | 0.00 | 0.00 | 0 | 19.93 | 102 | 89 | 45 | 5 | 0 | 0 | 0 |
| | COLUMBUS | 88 | 71 | 91 | 70 | 80 | 4 | 0.10 | -0.66 | 0.08 | 0.08 | 25 | 25.66 | 113 | 89 | 48 | 3 | 0 | 3 | 0 |
| | MACON | 88 | 68 | 93 | 67 | 78 | 3 | 0.36 | -0.35 | 0.36 | 0.36 | 116 | 24.10 | 115 | 94 | 50 | 3 | 0 | 1 | 0 |
| | SAVANNAH | 92 | 71 | 97 | 68 | 81 | 5 | 0.40 | -0.64 | 0.23 | 0.27 | 59 | 24.01 | 134 | 84 | 51 | 5 | 0 | 3 | 0 |
| HI | HILO | 82 | 68 | 84 | 66 | 75 | 1 | 0.71 | -0.79 | 0.31 | 0.26 | 41 | 35.30 | 65 | 88 | 71 | 0 | 0 | 5 | 0 |
| | HONOLULU | 86 | 73 | 87 | 70 | 79 | 1 | 0.03 | -0.10 | 0.03 | 0.00 | 0 | 13.54 | 152 | 76 | 64 | 0 | 0 | 1 | 0 |
| | KAHULUI | 87 | 69 | 90 | 64 | 78 | 1 | 0.00 | -0.06 | 0.00 | 0.00 | 0 | 14.64 | 135 | 82 | 64 | 1 | 0 | 0 | 0 |
| | LIHUE | 84 | 72 | 84 | 68 | 78 | 2 | 0.83 | 0.29 | 0.67 | 0.02 | 9 | 14.63 | 84 | 80 | 70 | 0 | 0 | 4 | 1 |
| ID | BOISE | 86 | 58 | 94 | 51 | 72 | 10 | 0.03 | -0.21 | 0.03 | 0.03 | 33 | 9.76 | 149 | 60 | 36 | 2 | 0 | 1 | 0 |
| | LEWISTON | 85 | 56 | 96 | 52 | 71 | 10 | 0.04 | -0.29 | 0.03 | 0.03 | 21 | 9.79 | 158 | 77 | 48 | 2 | 0 | 2 | 0 |
| | POCATELLO | 81 | 43 | 89 | 36 | 62 | 5 | 0.00 | -0.30 | 0.00 | 0.00 | 0 | 9.95 | 156 | 86 | 40 | 0 | 0 | 0 | 0 |
| IL | CHICAGO/O'HARE | 79 | 54 | 86 | 51 | 67 | 4 | 0.00 | -0.78 | 0.00 | 0.00 | 0 | 18.12 | 135 | 64 | 34 | 0 | 0 | 0 | 0 |
| | MOLINE | 82 | 53 | 92 | 47 | 68 | 2 | 0.00 | -1.04 | 0.00 | 0.00 | 0 | 14.35 | 99 | 74 | 35 | 1 | 0 | 0 | 0 |
| | PEORIA | 81 | 55 | 88 | 49 | 68 | 2 | 0.01 | -0.88 | 0.01 | 0.01 | 3 | 18.50 | 131 | 83 | 35 | 0 | 0 | 1 | 0 |
| | ROCKFORD | 79 | 52 | 88 | 46 | 65 | 1 | 1.31 | 0.31 | 0.81 | 0.81 | 184 | 19.67 | 149 | 80 | 42 | 0 | 0 | 2 | 2 |
| | SPRINGFIELD | 85 | 58 | 93 | 52 | 72 | 4 | 0.01 | -0.93 | 0.01 | 0.00 | 0 | 16.92 | 118 | 91 | 28 | 1 | 0 | 1 | 0 |
| IN | EVANSVILLE | 86 | 62 | 89 | 59 | 74 | 4 | 0.10 | -0.96 | 0.09 | 0.00 | 0 | 20.33 | 100 | 80 | 37 | 0 | 0 | 2 | 0 |
| | FORT WAYNE | 79 | 54 | 88 | 49 | 67 | 2 | 0.83 | -0.06 | 0.75 | 0.00 | 0 | 24.46 | 168 | 85 | 37 | 0 | 0 | 4 | 1 |
| | INDIANAPOLIS | 80 | 57 | 86 | 51 | 68 | 1 | 0.92 | -0.06 | 0.92 | 0.00 | 0 | 24.43 | 146 | 81 | 36 | 0 | 0 | 1 | 1 |
| | SOUTH BEND | 76 | 50 | 84 | 46 | 63 | -1 | 0.00 | -0.85 | 0.00 | 0.00 | 0 | 18.18 | 124 | 79 | 44 | 0 | 0 | 0 | 0 |
| IA | BURLINGTON | 81 | 55 | 91 | 49 | 68 | 1 | 0.00 | -1.02 | 0.00 | 0.00 | 0 | 14.15 | 99 | 88 | 32 | 1 | 0 | 0 | 0 |
| | CEDAR RAPIDS | 79 | 52 | 90 | 45 | 66 | 0 | 0.02 | -0.94 | 0.02 | 0.00 | 0 | 12.38 | 104 | 92 | 34 | 1 | 0 | 1 | 0 |
| | DES MOINES | 82 | 57 | 90 | 50 | 69 | 3 | 0.00 | -1.02 | 0.00 | 0.00 | 0 | 13.68 | 108 | 78 | 41 | 1 | 0 | 0 | 0 |
| | DUBUQUE | 77 | 52 | 88 | 45 | 65 | 1 | 0.02 | -0.95 | 0.02 | 0.00 | 0 | 13.71 | 103 | 78 | 43 | 0 | 0 | 1 | 0 |
| | SIOUX CITY | 82 | 51 | 95 | 43 | 67 | 1 | 0.00 | -0.88 | 0.00 | 0.00 | 0 | 10.47 | 104 | 82 | 38 | 2 | 0 | 0 | 0 |
| | WATERLOO | 80 | 50 | 92 | 41 | 65 | 0 | 0.00 | -1.05 | 0.00 | 0.00 | 0 | 13.02 | 110 | 80 | 32 | 1 | 0 | 0 | 0 |
| KS | CONCORDIA | 80 | 56 | 83 | 49 | 68 | 0 | 0.77 | -0.23 | 0.44 | 0.44 | 102 | 18.82 | 174 | 91 | 61 | 0 | 0 | 2 | 0 |
| | DODGE CITY | 82 | 55 | 87 | 49 | 68 | 0 | 0.42 | -0.30 | 0.37 | 0.37 | 119 | 19.11 | 220 | 90 | 37 | 0 | 0 | 3 | 0 |
| | GOODLAND | 79 | 51 | 84 | 46 | 65 | 2 | 1.29 | 0.45 | 1.06 | 0.23 | 66 | 12.44 | 168 | 91 | 50 | 0 | 0 | 3 | 1 |
| | TOPEKA | 82 | 59 | 86 | 52 | 70 | 1 | 0.38 | -0.83 | 0.29 | 0.29 | 56 | 15.50 | 117 | 96 | 59 | 0 | 0 | 2 | 0 |

**Based on 1971-2000 normals**

***** Not Available**

## Weather Data for the Week Ending June 3, 2017

| 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 JUN 1 | PCT. NORMAL SINCE JUN 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 | 84 | 59 | 89 | 55 | 72 | 2 | 0.75 | -0.31 | 0.55 | 0.61 | 133 | 19.45 | 165 | 87 | 48 | 0 | 0 | 4 | 1 |
| KY | JACKSON | 79 | 59 | 83 | 56 | 69 | 2 | 0.16 | -1.02 | 0.12 | 0.00 | 0 | 23.42 | 111 | 93 | 48 | 0 | 0 | 2 | 0 |
| | LEXINGTON | 82 | 58 | 86 | 53 | 70 | 2 | 0.06 | -1.04 | 0.06 | 0.00 | 0 | 19.44 | 97 | 80 | 39 | 0 | 0 | 1 | 0 |
| | LOUISVILLE | 84 | 63 | 90 | 61 | 74 | 4 | 0.00 | -1.02 | 0.00 | 0.00 | 0 | 19.14 | 95 | 78 | 35 | 1 | 0 | 0 | 0 |
| | PADUCAH | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 0 | 0 | 0 | 0 |
| LA | BATON ROUGE | 85 | 70 | 88 | 67 | 77 | 0 | 4.44 | 3.28 | 2.04 | 2.05 | 410 | 33.72 | 121 | 97 | 66 | 0 | 0 | 6 | 2 |
| | LAKE CHARLES | 85 | 71 | 89 | 68 | 78 | 0 | 3.86 | 2.37 | 1.89 | 1.14 | 178 | 27.25 | 120 | 97 | 68 | 0 | 0 | 6 | 3 |
| | NEW ORLEANS | 83 | 72 | 90 | 68 | 78 | 0 | 3.34 | 2.12 | 1.06 | 0.72 | 133 | 26.64 | 100 | 95 | 76 | 1 | 0 | 6 | 4 |
| | SHREVEPORT | 86 | 67 | 90 | 63 | 77 | 1 | 3.36 | 2.15 | 3.12 | 0.03 | 6 | 17.49 | 75 | 98 | 62 | 1 | 0 | 3 | 1 |
| ME | CARIBOU | 66 | 47 | 72 | 42 | 56 | 0 | 0.42 | -0.35 | 0.27 | 0.11 | 33 | 16.70 | 121 | 89 | 55 | 0 | 0 | 4 | 0 |
| | PORTLAND | 61 | 47 | 72 | 44 | 54 | -4 | 0.66 | -0.13 | 0.47 | 0.12 | 36 | 24.22 | 122 | 95 | 67 | 0 | 0 | 5 | 0 |
| MD | BALTIMORE | 77 | 57 | 83 | 52 | 67 | 0 | 0.67 | -0.20 | 0.38 | 0.00 | 0 | 17.13 | 97 | 93 | 61 | 0 | 0 | 3 | 0 |
| MA | BOSTON | 67 | 52 | 79 | 49 | 59 | -4 | 0.28 | -0.44 | 0.16 | 0.17 | 55 | 21.16 | 116 | 88 | 61 | 0 | 0 | 4 | 0 |
| | WORCESTER | 64 | 48 | 72 | 45 | 56 | -4 | 0.51 | -0.47 | 0.41 | 0.00 | 0 | 20.93 | 104 | 88 | 56 | 0 | 0 | 2 | 0 |
| MI | ALPENA | 69 | 45 | 75 | 38 | 57 | 1 | 0.74 | 0.16 | 0.37 | 0.37 | 148 | 16.25 | 156 | 97 | 49 | 0 | 0 | 5 | 0 |
| | GRAND RAPIDS | 75 | 51 | 82 | 46 | 63 | 0 | 0.13 | -0.62 | 0.09 | 0.00 | 0 | 16.65 | 125 | 91 | 38 | 0 | 0 | 2 | 0 |
| | HOUGHTON LAKE | 72 | 46 | 80 | 35 | 59 | 1 | 0.29 | -0.36 | 0.22 | 0.22 | 79 | 16.05 | 160 | 85 | 53 | 0 | 0 | 3 | 0 |
| | LANSING | 78 | 51 | 86 | 47 | 65 | 4 | 0.05 | -0.65 | 0.05 | 0.00 | 0 | 17.46 | 152 | 70 | 34 | 0 | 0 | 1 | 0 |
| | MUSKEGON | 72 | 50 | 78 | 45 | 61 | 1 | 0.02 | -0.64 | 0.01 | 0.00 | 0 | 14.47 | 118 | 77 | 49 | 0 | 0 | 2 | 0 |
| | TRAVERSE CITY | 72 | 48 | 82 | 40 | 60 | 1 | 1.59 | 1.01 | 1.07 | 0.51 | 196 | 14.49 | 120 | 91 | 42 | 0 | 0 | 3 | 2 |
| MN | DULUTH | 69 | 47 | 81 | 40 | 58 | 2 | 0.31 | -0.50 | 0.26 | 0.00 | 0 | 11.24 | 124 | 75 | 58 | 0 | 0 | 2 | 0 |
| | INT'L FALLS | 70 | 43 | 85 | 34 | 57 | 0 | 0.84 | 0.08 | 0.46 | 0.04 | 12 | 6.68 | 100 | 91 | 41 | 0 | 0 | 4 | 0 |
| | MINNEAPOLIS | 76 | 56 | 90 | 49 | 66 | 2 | 0.02 | -0.88 | 0.02 | 0.00 | 0 | 11.55 | 120 | 66 | 47 | 2 | 0 | 1 | 0 |
| | ROCHESTER | 76 | 51 | 92 | 45 | 64 | 3 | 0.07 | -0.76 | 0.06 | 0.06 | 17 | 15.86 | 152 | 77 | 46 | 1 | 0 | 2 | 0 |
| | ST. CLOUD | 74 | 48 | 89 | 40 | 61 | 0 | 0.12 | -0.79 | 0.07 | 0.00 | 0 | 10.32 | 123 | 94 | 40 | 0 | 0 | 2 | 0 |
| MS | JACKSON | 83 | 67 | 86 | 65 | 75 | 0 | 2.50 | 1.59 | 1.84 | 0.51 | 134 | 32.00 | 118 | 96 | 66 | 0 | 0 | 4 | 1 |
| | MERIDIAN | 84 | 69 | 87 | 67 | 77 | 2 | 0.89 | -0.03 | 0.38 | 0.65 | 171 | 29.30 | 101 | 95 | 65 | 0 | 0 | 5 | 0 |
| | TUPELO | 84 | 65 | 88 | 63 | 75 | 2 | 5.39 | 4.08 | 4.28 | 4.31 | 770 | 26.09 | 95 | 91 | 60 | 0 | 0 | 3 | 2 |
| MO | COLUMBIA | 82 | 59 | 87 | 54 | 70 | 2 | 0.00 | -1.04 | 0.00 | 0.00 | 0 | 20.20 | 122 | 93 | 48 | 0 | 0 | 0 | 0 |
| | KANSAS CITY | 82 | 59 | 86 | 50 | 70 | 2 | 0.03 | -1.14 | 0.03 | 0.03 | 6 | 16.31 | 115 | 89 | 43 | 0 | 0 | 1 | 0 |
| | SAINT LOUIS | 86 | 64 | 92 | 60 | 75 | 4 | 0.39 | -0.50 | 0.39 | 0.00 | 0 | 22.89 | 141 | 71 | 38 | 2 | 0 | 1 | 0 |
| | SPRINGFIELD | 81 | 60 | 84 | 56 | 71 | 2 | 0.22 | -0.87 | 0.12 | 0.08 | 17 | 28.82 | 164 | 91 | 60 | 0 | 0 | 3 | 0 |
| MT | BILLINGS | 81 | 52 | 89 | 45 | 66 | 6 | 0.25 | -0.29 | 0.22 | 0.22 | 100 | 9.15 | 132 | 68 | 25 | 0 | 0 | 2 | 0 |
| | BUTTE | 75 | 39 | 81 | 34 | 57 | 6 | 0.17 | -0.35 | 0.12 | 0.12 | 55 | 5.20 | 102 | 86 | 24 | 0 | 0 | 3 | 0 |
| | CUT BANK | 78 | 46 | 85 | 37 | 62 | 9 | 0.00 | -0.61 | 0.00 | 0.00 | 0 | 4.77 | 103 | 74 | 26 | 0 | 0 | 0 | 0 |
| | GLASGOW | 81 | 47 | 94 | 36 | 64 | 4 | 0.01 | -0.46 | 0.01 | 0.01 | 5 | 2.47 | 66 | 69 | 26 | 1 | 0 | 1 | 0 |
| | GREAT FALLS | 78 | 47 | 87 | 41 | 63 | 8 | 0.26 | -0.37 | 0.25 | 0.25 | 93 | 7.60 | 119 | 84 | 28 | 0 | 0 | 2 | 0 |
| | HAVRE | 83 | 46 | 90 | 33 | 65 | 7 | 0.02 | -0.45 | 0.02 | 0.02 | 10 | 2.59 | 58 | 78 | 24 | 1 | 0 | 1 | 0 |
| | MISSOULA | 82 | 48 | 89 | 43 | 65 | 9 | 0.21 | -0.26 | 0.15 | 0.15 | 75 | 7.80 | 129 | 84 | 45 | 0 | 0 | 2 | 0 |
| NE | GRAND ISLAND | 82 | 54 | 88 | 45 | 68 | 3 | 0.00 | -0.96 | 0.00 | 0.00 | 0 | 10.26 | 99 | 84 | 35 | 0 | 0 | 0 | 0 |
| | LINCOLN | 84 | 53 | 89 | 46 | 69 | 2 | 0.00 | -0.94 | 0.00 | 0.00 | 0 | 13.12 | 119 | 81 | 37 | 0 | 0 | 0 | 0 |
| | NORFOLK | 80 | 49 | 90 | 39 | 65 | 0 | 0.00 | -0.97 | 0.00 | 0.00 | 0 | 11.65 | 114 | 82 | 36 | 1 | 0 | 0 | 0 |
| | NORTH PLATTE | 80 | 47 | 88 | 36 | 64 | 1 | 0.06 | -0.71 | 0.03 | 0.01 | 3 | 10.35 | 133 | 90 | 35 | 0 | 0 | 3 | 0 |
| | OMAHA | 83 | 55 | 91 | 46 | 69 | 2 | 0.01 | -0.99 | 0.01 | 0.01 | 2 | 11.49 | 100 | 78 | 40 | 2 | 0 | 1 | 0 |
| | SCOTTSBLUFF | 80 | 47 | 87 | 40 | 64 | 2 | 0.00 | -0.63 | 0.00 | 0.00 | 0 | 8.55 | 121 | 82 | 33 | 0 | 0 | 0 | 0 |
| | VALENTINE | 80 | 47 | 92 | 37 | 64 | 2 | 0.04 | -0.67 | 0.04 | 0.00 | 0 | 10.44 | 142 | 79 | 39 | 1 | 0 | 1 | 0 |
| NV | ELY | 81 | 37 | 86 | 30 | 59 | 5 | 0.00 | -0.26 | 0.00 | 0.00 | 0 | 6.20 | 128 | 60 | 20 | 0 | 1 | 0 | 0 |
| | LAS VEGAS | 98 | 73 | 105 | 71 | 86 | 6 | 0.00 | -0.03 | 0.00 | 0.00 | 0 | 1.59 | 70 | 15 | 8 | 7 | 0 | 0 | 0 |
| | RENO | 85 | 54 | 90 | 50 | 70 | 10 | 0.00 | -0.14 | 0.00 | 0.00 | 0 | 11.15 | 279 | 51 | 27 | 1 | 0 | 0 | 0 |
| | WINNEMUCCA | 85 | 43 | 91 | 38 | 64 | 5 | 0.00 | -0.22 | 0.00 | 0.00 | 0 | 5.26 | 122 | 62 | 23 | 1 | 0 | 0 | 0 |
| NH | CONCORD | 68 | 46 | 76 | 41 | 57 | -3 | 0.23 | -0.50 | 0.14 | 0.00 | 0 | 19.36 | 128 | 94 | 58 | 0 | 0 | 3 | 0 |
| NJ | NEWARK | 73 | 57 | 82 | 55 | 65 | -2 | 0.41 | -0.48 | 0.19 | 0.03 | 8 | 22.57 | 113 | 83 | 54 | 0 | 0 | 4 | 0 |
| NM | ALBUQUERQUE | 81 | 56 | 87 | 51 | 69 | 0 | 0.08 | -0.06 | 0.08 | 0.00 | 0 | 2.60 | 96 | 68 | 23 | 0 | 0 | 1 | 0 |
| NY | ALBANY | 69 | 52 | 77 | 44 | 61 | -1 | 1.34 | 0.47 | 0.80 | 0.00 | 0 | 18.87 | 125 | 86 | 56 | 0 | 0 | 3 | 1 |
| | BINGHAMTON | 66 | 49 | 72 | 44 | 58 | -2 | 2.19 | 1.38 | 1.08 | 0.00 | 0 | 24.46 | 159 | 90 | 60 | 0 | 0 | 3 | 2 |
| | BUFFALO | 71 | 53 | 79 | 48 | 62 | 1 | 0.42 | -0.42 | 0.34 | 0.01 | 3 | 22.27 | 145 | 84 | 42 | 0 | 0 | 3 | 0 |
| | ROCHESTER | 73 | 53 | 79 | 48 | 63 | 2 | 0.14 | -0.56 | 0.11 | 0.00 | 0 | 19.99 | 156 | 81 | 49 | 0 | 0 | 2 | 0 |
| | SYRACUSE | 70 | 51 | 76 | 46 | 61 | 0 | 1.85 | 1.11 | 0.91 | 0.00 | 0 | 21.83 | 147 | 92 | 53 | 0 | 0 | 3 | 2 |
| NC | ASHEVILLE | 81 | 58 | 85 | 55 | 69 | 4 | 0.05 | -1.04 | 0.02 | 0.00 | 0 | 23.03 | 110 | 86 | 44 | 0 | 0 | 3 | 0 |
| | CHARLOTTE | 86 | 64 | 89 | 61 | 75 | 3 | 0.46 | -0.39 | 0.36 | 0.00 | 0 | 20.69 | 109 | 89 | 46 | 0 | 0 | 2 | 0 |
| | GREENSBORO | 83 | 63 | 85 | 61 | 73 | 4 | 0.20 | -0.63 | 0.13 | 0.00 | 0 | 21.03 | 115 | 91 | 45 | 0 | 0 | 3 | 0 |
| | HATTERAS | 84 | 70 | 86 | 64 | 77 | 6 | 0.78 | -0.18 | 0.77 | 0.00 | 0 | 26.33 | 118 | 91 | 62 | 0 | 0 | 2 | 1 |
| | RALEIGH | 86 | 63 | 88 | 57 | 74 | 4 | 0.15 | -0.69 | 0.08 | 0.00 | 0 | 21.87 | 118 | 90 | 49 | 0 | 0 | 3 | 0 |
| | WILMINGTON | 88 | 70 | 91 | 65 | 79 | 6 | 0.71 | -0.36 | 0.34 | 0.00 | 0 | 20.50 | 101 | 94 | 48 | 3 | 0 | 3 | 0 |
| ND | BISMARCK | 80 | 46 | 98 | 33 | 63 | 3 | 0.00 | -0.55 | 0.00 | 0.00 | 0 | 4.54 | 79 | 74 | 33 | 2 | 0 | 0 | 0 |
| | DICKINSON | 77 | 42 | 89 | 34 | 59 | 0 | 0.00 | -0.63 | 0.00 | 0.00 | 0 | 3.70 | 64 | 85 | 21 | 0 | 0 | 0 | 0 |
| | FARGO | 78 | 51 | 96 | 45 | 65 | 3 | 0.15 | -0.59 | 0.08 | 0.02 | 6 | 4.84 | 71 | 79 | 35 | 1 | 0 | 3 | 0 |
| | GRAND FORKS | 78 | 52 | 96 | 46 | 65 | 4 | 0.27 | -0.34 | 0.10 | 0.13 | 48 | 4.69 | 80 | 89 | 35 | 1 | 0 | 5 | 0 |
| | JAMESTOWN | 75 | 49 | 94 | 42 | 62 | 1 | 0.27 | -0.31 | 0.17 | 0.07 | 27 | 4.18 | 71 | 80 | 32 | 1 | 0 | 3 | 0 |
| | WILLISTON | 80 | 46 | 93 | 34 | 63 | 4 | 0.00 | -0.48 | 0.00 | 0.00 | 0 | 3.48 | 72 | 69 | 30 | 1 | 0 | 0 | 0 |
| OH | AKRON-CANTON | 79 | 55 | 82 | 51 | 67 | 4 | 0.43 | -0.42 | 0.31 | 0.00 | 0 | 26.12 | 167 | 75 | 42 | 0 | 0 | 3 | 0 |
| | CINCINNATI | 81 | 55 | 87 | 50 | 68 | 1 | 0.26 | -0.83 | 0.23 | 0.00 | 0 | 23.41 | 126 | 88 | 42 | 0 | 0 | 2 | 0 |
| | CLEVELAND | 79 | 56 | 82 | 52 | 68 | 5 | 1.59 | 0.77 | 1.53 | 0.00 | 0 | 23.46 | 157 | 80 | 38 | 0 | 0 | 3 | 1 |
| | COLUMBUS | 81 | 57 | 86 | 51 | 69 | 2 | 0.24 | -0.64 | 0.24 | 0.00 | 0 | 20.72 | 137 | 79 | 38 | 0 | 0 | 1 | 0 |
| | DAYTON | 80 | 55 | 86 | 50 | 67 | 2 | 0.11 | -0.85 | 0.08 | 0.00 | 0 | 22.26 | 133 | 77 | 35 | 0 | 0 | 2 | 0 |
| | MANSFIELD | 78 | 53 | 83 | 48 | 65 | 3 | 0.39 | -0.64 | 0.19 | 0.00 | 0 | 21.15 | 123 | 89 | 36 | 0 | 0 | 3 | 0 |

**Based on 1971-2000 normals**

***** Not Available**

## Weather Data for the Week Ending June 3, 2017

| 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 JUN 1 | PCT. NORMAL SINCE JUN 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 | 78 | 51 | 82 | 47 | 64 | 0 | 0.32 | -0.47 | 0.23 | 0.00 | 0 | 17.87 | 136 | 84 | 42 | 0 | 0 | 3 | 0 |
| | YOUNGSTOWN | 77 | 52 | 79 | 47 | 64 | 3 | 0.84 | 0.06 | 0.71 | 0.00 | 0 | 21.30 | 146 | 81 | 43 | 0 | 0 | 3 | 1 |
| OK | OKLAHOMA CITY | 84 | 60 | 89 | 51 | 72 | 0 | 0.03 | -1.28 | 0.03 | 0.03 | 5 | 14.60 | 99 | 89 | 46 | 0 | 0 | 1 | 0 |
| | TULSA | 85 | 64 | 89 | 59 | 74 | 1 | 0.04 | -1.35 | 0.04 | 0.04 | 7 | 23.99 | 135 | 89 | 60 | 0 | 0 | 1 | 0 |
| OR | ASTORIA | 60 | 52 | 64 | 49 | 56 | 2 | 0.31 | -0.36 | 0.20 | 0.21 | 75 | 47.36 | 142 | 87 | 73 | 0 | 0 | 4 | 0 |
| | BURNS | 80 | 43 | 88 | 38 | 61 | 7 | 0.00 | -0.22 | 0.00 | 0.00 | 0 | 8.23 | 149 | 77 | 36 | 0 | 0 | 0 | 0 |
| | EUGENE | 71 | 50 | 76 | 46 | 60 | 3 | 0.00 | -0.50 | 0.00 | 0.00 | 0 | 24.08 | 91 | 94 | 80 | 0 | 0 | 0 | 0 |
| | MEDFORD | 84 | 57 | 94 | 53 | 71 | 10 | 0.00 | -0.23 | 0.00 | 0.00 | 0 | 12.58 | 139 | 76 | 33 | 2 | 0 | 0 | 0 |
| | PENDLETON | 80 | 52 | 90 | 50 | 66 | 5 | 0.04 | -0.21 | 0.03 | 0.03 | 27 | 9.18 | 144 | 79 | 47 | 1 | 0 | 2 | 0 |
| | PORTLAND | 72 | 55 | 85 | 54 | 64 | 5 | 0.01 | -0.47 | 0.01 | 0.01 | 5 | 28.18 | 155 | 79 | 65 | 0 | 0 | 1 | 0 |
| | SALEM | 72 | 52 | 80 | 49 | 62 | 4 | 0.04 | -0.37 | 0.02 | 0.03 | 17 | 32.60 | 162 | 88 | 71 | 0 | 0 | 3 | 0 |
| PA | ALLENTOWN | 74 | 54 | 80 | 48 | 64 | 0 | 0.63 | -0.37 | 0.38 | 0.23 | 53 | 17.82 | 98 | 82 | 51 | 0 | 0 | 4 | 0 |
| | ERIE | 72 | 54 | 78 | 50 | 63 | 0 | 0.52 | -0.35 | 0.24 | 0.00 | 0 | 21.00 | 140 | 75 | 47 | 0 | 0 | 4 | 0 |
| | MIDDLETOWN | 75 | 57 | 81 | 53 | 66 | 0 | 0.53 | -0.43 | 0.25 | 0.00 | 0 | 16.45 | 97 | 95 | 50 | 0 | 0 | 4 | 0 |
| | PHILADELPHIA | 74 | 59 | 82 | 57 | 67 | -1 | 0.22 | -0.58 | 0.10 | 0.01 | 3 | 17.96 | 101 | 82 | 56 | 0 | 0 | 4 | 0 |
| | PITTSBURGH | 78 | 55 | 80 | 50 | 66 | 2 | 0.64 | -0.27 | 0.29 | 0.00 | 0 | 20.02 | 130 | 93 | 38 | 0 | 0 | 4 | 0 |
| | WILKES-BARRE | 72 | 52 | 78 | 47 | 62 | -1 | 0.75 | -0.09 | 0.56 | 0.04 | 11 | 18.83 | 129 | 91 | 49 | 0 | 0 | 4 | 1 |
| | WILLIAMSPORT | 75 | 54 | 78 | 49 | 65 | 2 | 2.01 | 1.10 | 0.81 | 0.09 | 23 | 19.42 | 119 | 90 | 53 | 0 | 0 | 5 | 1 |
| RI | PROVIDENCE | 68 | 51 | 78 | 48 | 60 | -3 | 0.52 | -0.28 | 0.21 | 0.22 | 65 | 25.22 | 124 | 89 | 71 | 0 | 0 | 4 | 0 |
| SC | BEAUFORT | 90 | 72 | 93 | 69 | 81 | 5 | 0.19 | -0.82 | 0.12 | 0.19 | 41 | 16.99 | 98 | 96 | 53 | 4 | 0 | 2 | 0 |
| | CHARLESTON | 89 | 71 | 93 | 68 | 80 | 5 | 0.38 | -0.73 | 0.38 | 0.38 | 76 | 15.54 | 86 | 90 | 50 | 3 | 0 | 1 | 0 |
| | COLUMBIA | 90 | 69 | 93 | 67 | 80 | 5 | 0.96 | 0.04 | 0.88 | 0.08 | 20 | 24.36 | 124 | 85 | 46 | 4 | 0 | 2 | 1 |
| | GREENVILLE | 85 | 64 | 88 | 62 | 75 | 4 | 0.63 | -0.40 | 0.57 | 0.03 | 7 | 25.41 | 113 | 91 | 47 | 0 | 0 | 4 | 1 |
| SD | ABERDEEN | 80 | 45 | 100 | 34 | 63 | 1 | 0.03 | -0.70 | 0.03 | 0.00 | 0 | 3.89 | 54 | 76 | 30 | 2 | 0 | 1 | 0 |
| | HURON | 81 | 47 | 95 | 37 | 64 | 1 | 0.00 | -0.73 | 0.00 | 0.00 | 0 | 5.74 | 69 | 84 | 28 | 2 | 0 | 0 | 0 |
| | RAPID CITY | 81 | 45 | 90 | 38 | 63 | 4 | 0.02 | -0.70 | 0.02 | 0.00 | 0 | 4.93 | 71 | 74 | 25 | 1 | 0 | 1 | 0 |
| | SIOUX FALLS | 79 | 50 | 94 | 40 | 65 | 3 | 0.00 | -0.82 | 0.00 | 0.00 | 0 | 8.87 | 96 | 82 | 44 | 2 | 0 | 0 | 0 |
| TN | BRISTOL | 80 | 58 | 84 | 54 | 69 | 2 | 0.34 | -0.61 | 0.18 | 0.00 | 0 | 23.67 | 126 | 99 | 47 | 0 | 0 | 2 | 0 |
| | CHATTANOOGA | 85 | 62 | 88 | 56 | 74 | 3 | 1.30 | 0.37 | 0.80 | 0.00 | 0 | 28.61 | 113 | 91 | 53 | 0 | 0 | 2 | 2 |
| | KNOXVILLE | 81 | 62 | 85 | 60 | 72 | 3 | 0.61 | -0.38 | 0.53 | 0.02 | 5 | 24.83 | 109 | 93 | 47 | 0 | 0 | 3 | 1 |
| | MEMPHIS | 87 | 68 | 89 | 64 | 77 | 3 | 1.22 | 0.21 | 1.17 | 0.01 | 2 | 18.87 | 74 | 96 | 53 | 0 | 0 | 4 | 1 |
| | NASHVILLE | 86 | 64 | 89 | 60 | 75 | 4 | 0.32 | -0.80 | 0.19 | 0.00 | 0 | 20.22 | 92 | 89 | 42 | 0 | 0 | 2 | 0 |
| TX | ABILENE | 82 | 62 | 84 | 59 | 72 | -4 | 1.11 | 0.34 | 0.62 | 1.11 | 336 | 7.78 | 93 | 95 | 71 | 0 | 0 | 3 | 1 |
| | AMARILLO | 83 | 54 | 86 | 47 | 68 | -1 | 0.03 | -0.69 | 0.02 | 0.02 | 6 | 8.18 | 127 | 88 | 32 | 0 | 0 | 2 | 0 |
| | AUSTIN | 90 | 68 | 94 | 64 | 79 | 1 | 2.17 | 0.97 | 1.07 | 1.08 | 212 | 15.88 | 113 | 92 | 61 | 3 | 0 | 4 | 2 |
| | BEAUMONT | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 0 | 0 | 0 | 0 |
| | BROWNSVILLE | 92 | 75 | 95 | 71 | 84 | 3 | 1.40 | 0.78 | 1.40 | 0.00 | 0 | 5.86 | 72 | 91 | 58 | 6 | 0 | 1 | 1 |
| | CORPUS CHRISTI | 88 | 73 | 90 | 69 | 81 | 1 | 2.97 | 2.07 | 2.11 | 0.68 | 174 | 13.61 | 123 | 98 | 72 | 1 | 0 | 4 | 2 |
| | DEL RIO | 86 | 67 | 90 | 64 | 77 | -3 | 1.88 | 1.36 | 1.09 | 1.73 | 786 | 12.82 | 190 | 92 | 70 | 1 | 0 | 5 | 2 |
| | EL PASO | 88 | 64 | 92 | 60 | 76 | -2 | 0.03 | -0.07 | 0.03 | 0.00 | 0 | 1.37 | 78 | 52 | 20 | 2 | 0 | 1 | 0 |
| | FORT WORTH | 88 | 69 | 92 | 66 | 78 | 1 | 3.10 | 1.98 | 1.71 | 2.93 | 637 | 14.81 | 92 | 89 | 53 | 2 | 0 | 4 | 2 |
| | GALVESTON | 86 | 77 | 88 | 75 | 81 | 1 | 1.65 | 0.72 | 1.54 | 1.60 | 400 | 12.49 | 78 | 90 | 73 | 0 | 0 | 4 | 1 |
| | HOUSTON | 88 | 71 | 92 | 69 | 79 | 0 | 2.03 | 0.70 | 1.42 | 0.47 | 81 | 18.71 | 97 | 93 | 67 | 2 | 0 | 6 | 1 |
| | LUBBOCK | 86 | 58 | 88 | 53 | 72 | -1 | 0.07 | -0.56 | 0.04 | 0.07 | 25 | 5.56 | 95 | 75 | 32 | 0 | 0 | 2 | 0 |
| | MIDLAND | 86 | 63 | 89 | 57 | 75 | -1 | 0.71 | 0.30 | 0.31 | 0.40 | 222 | 6.15 | 145 | 77 | 41 | 0 | 0 | 4 | 0 |
| | SAN ANGELO | 86 | 64 | 91 | 57 | 75 | -1 | 0.17 | -0.57 | 0.09 | 0.17 | 53 | 6.67 | 83 | 83 | 53 | 2 | 0 | 2 | 0 |
| | SAN ANTONIO | 88 | 70 | 92 | 67 | 79 | 0 | 1.07 | -0.13 | 0.76 | 0.08 | 15 | 13.17 | 100 | 90 | 54 | 1 | 0 | 4 | 1 |
| | VICTORIA | 90 | 73 | 95 | 69 | 81 | 2 | 0.50 | -0.77 | 0.34 | 0.16 | 30 | 19.74 | 129 | 93 | 64 | 4 | 0 | 2 | 0 |
| | WACO | 88 | 68 | 91 | 65 | 78 | 0 | 1.03 | 0.09 | 0.69 | 0.70 | 179 | 20.02 | 137 | 96 | 60 | 2 | 0 | 3 | 1 |
| | WICHITA FALLS | 84 | 63 | 90 | 58 | 74 | -1 | 1.07 | 0.08 | 1.04 | 1.07 | 249 | 11.39 | 95 | 86 | 49 | 2 | 0 | 3 | 1 |
| UT | SALT LAKE CITY | 86 | 59 | 92 | 51 | 73 | 10 | 0.13 | -0.22 | 0.13 | 0.13 | 93 | 10.76 | 121 | 53 | 17 | 3 | 0 | 1 | 0 |
| VT | BURLINGTON | 68 | 53 | 79 | 49 | 61 | 0 | 1.49 | 0.75 | 0.56 | 0.11 | 34 | 16.87 | 133 | 89 | 60 | 0 | 0 | 5 | 2 |
| VA | LYNCHBURG | 82 | 58 | 85 | 52 | 70 | 3 | 0.36 | -0.53 | 0.36 | 0.00 | 0 | 18.76 | 102 | 93 | 46 | 0 | 0 | 1 | 0 |
| | NORFOLK | 83 | 66 | 88 | 64 | 74 | 4 | 1.68 | 0.97 | 1.14 | 0.00 | 0 | 21.16 | 113 | 85 | 58 | 0 | 0 | 3 | 1 |
| | RICHMOND | 85 | 63 | 89 | 56 | 74 | 5 | 0.63 | -0.24 | 0.63 | 0.00 | 0 | 16.96 | 94 | 88 | 57 | 0 | 0 | 1 | 1 |
| | ROANOKE | 83 | 60 | 85 | 52 | 72 | 5 | 0.03 | -0.89 | 0.03 | 0.00 | 0 | 21.04 | 114 | 80 | 40 | 0 | 0 | 1 | 0 |
| | WASH/DULLES | 80 | 57 | 84 | 52 | 69 | 3 | 1.88 | 0.86 | 1.10 | 0.00 | 0 | 19.09 | 111 | 90 | 58 | 0 | 0 | 3 | 2 |
| WA | OLYMPIA | 71 | 51 | 87 | 45 | 61 | 6 | 0.13 | -0.31 | 0.07 | 0.07 | 37 | 33.00 | 132 | 92 | 71 | 0 | 0 | 2 | 0 |
| | QUILLAYUTE | 61 | 49 | 65 | 45 | 55 | 2 | 0.77 | -0.29 | 0.38 | 0.39 | 89 | 63.01 | 125 | 97 | 80 | 0 | 0 | 3 | 0 |
| | SEATTLE-TACOMA | 71 | 54 | 86 | 52 | 62 | 4 | 0.14 | -0.22 | 0.07 | 0.07 | 47 | 26.89 | 153 | 87 | 69 | 0 | 0 | 3 | 0 |
| | SPOKANE | 81 | 57 | 90 | 52 | 69 | 12 | 0.00 | -0.34 | 0.00 | 0.00 | 0 | 13.26 | 168 | 69 | 31 | 1 | 0 | 0 | 0 |
| | YAKIMA | 86 | 54 | 95 | 50 | 70 | 11 | 0.16 | 0.03 | 0.09 | 0.07 | 117 | 7.51 | 199 | 74 | 42 | 3 | 0 | 2 | 0 |
| WV | BECKLEY | 75 | 54 | 78 | 49 | 65 | 2 | 0.20 | -0.74 | 0.12 | 0.00 | 0 | 20.46 | 114 | 84 | 49 | 0 | 0 | 2 | 0 |
| | CHARLESTON | 80 | 57 | 85 | 50 | 69 | 3 | 0.10 | -0.87 | 0.07 | 0.00 | 0 | 20.74 | 113 | 90 | 40 | 0 | 0 | 2 | 0 |
| | ELKINS | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | 0 | 0 | 0 | 0 |
| | HUNTINGTON | 81 | 58 | 87 | 52 | 70 | 3 | 0.22 | -0.76 | 0.17 | 0.00 | 0 | 20.02 | 109 | 90 | 43 | 0 | 0 | 2 | 0 |
| WI | EAU CLAIRE | 75 | 49 | 90 | 43 | 62 | 0 | 0.71 | -0.22 | 0.48 | 0.48 | 117 | 14.99 | 140 | 91 | 38 | 1 | 0 | 3 | 0 |
| | GREEN BAY | 75 | 51 | 84 | 44 | 63 | 2 | 0.91 | 0.22 | 0.49 | 0.49 | 163 | 13.63 | 138 | 93 | 48 | 0 | 0 | 3 | 0 |
| | LA CROSSE | 79 | 54 | 97 | 45 | 67 | 2 | 0.11 | -0.67 | 0.07 | 0.03 | 9 | 13.47 | 119 | 85 | 34 | 2 | 0 | 3 | 0 |
| | MADISON | 76 | 51 | 87 | 44 | 63 | 1 | 0.44 | -0.36 | 0.37 | 0.01 | 3 | 15.68 | 133 | 83 | 45 | 0 | 0 | 3 | 0 |
| | MILWAUKEE | 77 | 55 | 83 | 48 | 66 | 5 | 0.88 | 0.19 | 0.54 | 0.26 | 87 | 17.06 | 129 | 73 | 44 | 0 | 0 | 3 | 1 |
| WY | CASPER | 75 | 42 | 83 | 35 | 58 | 1 | 0.17 | -0.29 | 0.13 | 0.04 | 21 | 7.84 | 126 | 91 | 37 | 0 | 0 | 2 | 0 |
| | CHEYENNE | 71 | 44 | 78 | 39 | 58 | 2 | 0.20 | -0.34 | 0.08 | 0.10 | 43 | 7.86 | 127 | 79 | 41 | 0 | 0 | 4 | 0 |
| | LANDER | 76 | 45 | 83 | 42 | 61 | 3 | 0.01 | -0.41 | 0.01 | 0.00 | 0 | 12.59 | 182 | 74 | 26 | 0 | 0 | 1 | 0 |
| | SHERIDAN | 78 | 44 | 88 | 37 | 61 | 5 | 0.00 | -0.54 | 0.00 | 0.00 | 0 | 12.61 | 187 | 79 | 41 | 0 | 0 | 0 | 0 |

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

# National Agricultural Summary

## May 29 – June 4, 2017

*Weekly National Agricultural Summary provided by USDA/NASS*

## HIGHLIGHTS

**Temperatures were above average for most of the U.S., with some Northwestern locations averaging more than 6°F above normal. Conversely, temperatures were generally below normal in the southern Great Plains and New England. Dry conditions prevailed across the West and much of the Corn Belt, allowing for more days of fieldwork. Elsewhere, precipitation was above normal across parts of Texas and the lower Delta, where some locations recorded more than 4 inches of rain.**

**Corn:** The planting of the 2017 corn crop was 96 percent complete across the nation by June 4, slightly behind both last year and the 5-year average. By week's end, 86 percent of the corn had emerged, 2 percentage points behind last year and slightly behind the 5-year average. The estimating states of Illinois, Iowa, Minnesota, Missouri, Nebraska, North Carolina, South Dakota, and Tennessee had at least 90 percent of the corn crop emerged by week's end. Overall, 68 percent of the corn was reported in good to excellent condition, up 3 percentage points from last week but 7 points below the same time last year.

**Soybeans:** By week's end, 83 percent of the nation's soybean crop was planted, slightly ahead of last year and 4 percentage points ahead of the 5-year average. Ideal conditions in the central Corn Belt allowed for an acceleration of soybean planting, with Illinois and Wisconsin progressing 23 and 28 percentage points, respectively, during the week. Nationally, 58 percent of the soybeans had emerged by June 4, four percentage points behind last year and slightly behind the 5-year average. Eight of the 18 estimating states had emergence progress of more than 20 percentage points during the week.

**Winter Wheat:** Heading of this year's winter wheat crop advanced to 87 percent complete by week's end, 3 percentage points behind last year but 2 points ahead of the 5-year average. By June 4, producers had harvested 10 percent of this year's winter wheat, 8 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. In Texas, winter wheat harvest was in full swing and 58 percent complete, 35 percentage points ahead of the 5-year average. Overall, 49 percent of the winter wheat was reported in good to excellent condition, down slightly from last week and 13 percentage points lower than at the same time last year.

**Cotton:** By week's end, 80 percent of the cotton was planted, 7 percentage points ahead of last year but equal to the 5-year average. Nationally, 11 percent of the cotton was squaring, 4 percentage points ahead of both last year and the 5-year average. Overall, 61 percent of the cotton was reported in good to excellent condition, 14 percentage points better than at the same time last year.

**Sorghum:** Producers had planted 55 percent of this year's sorghum by week's end, slightly behind last year and 5 percentage points behind the 5-year average. In Kansas, producers maximized the 5 days suitable for fieldwork to plant an additional 14 percent of their crop during the week, bringing the overall total to 25 percent—14 percentage points behind the 5-year average.

**Rice:** Eighty-seven percent of the rice crop was emerged by June 4, six percentage points behind last year and 5 points behind the 5-year average. Fourteen percent of the crop was headed in Louisiana by week's end. Overall, 66 percent of the rice was reported in good to excellent condition, up 2 percentage points from the previous week but slightly below the same time last year.

**Small Grains:** Nationwide, 96 percent of the oat crop had emerged by week's end, 2 percentage points behind last year but 2 points ahead of the 5-year average. By week's end, thirty-five percent of the oat crop was at or beyond the heading stage, 2 percentage points behind last year and 3 points behind the 5-year average. Weather conditions promoted a rapid crop development pace in several states, with double-digit heading progress reported in Iowa, Nebraska, and South Dakota. In Texas, harvest was 78 percent complete and well ahead normal. Overall, 62 percent of the oat crop was reported in good to excellent condition, up slightly from last week but 9 percentage points lower than at the same time last year.

By June 4, ninety-nine percent of the barley was seeded, slightly behind last year but 3 percentage points ahead of the 5-year average. Eighty-four percent of the barley had emerged by week's end, 8 percentage points behind last year and 3 points behind the 5-year average. Overall, 69 percent of the barley crop was reported in good to excellent condition, down slightly from last week and 9 percentage points lower than at the same time last year.

Ninety percent of the nation's spring wheat was emerged by week's end, 5 percentage points behind last year but 5 points ahead of the 5-year average. Overall, 55 percent of the spring wheat was reported in good to excellent condition, down 7 percentage points from last week and 24 points below the same time last year. With dry conditions in the Dakotas, both states experienced double-digit decreases in the good to excellent categories during the week.

**Other Crops:** Peanut planting advanced to 91 percent complete, 2 percentage points ahead of both last year and the 5-year average. Double-digit planting progress was recorded in Alabama, Georgia, North Carolina, Texas, and Virginia. Overall, 72 percent of the peanut crop was reported in good to excellent condition, compared with 68 percent at the same time last year.

By week's end, sunflower producers had planted 61 percent of this year's crop, 2 percentage points ahead of last year and 17 points ahead of the 5-year average. Sunflower planting progress was rapid in North Dakota during the week, advancing 23 percentage points to 81 percent complete.

# Crop Progress and Condition

## Week Ending June 4, 2017

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

### Corn Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| CO | 97 | 89 | 93 | 96 |
| IL | 97 | 93 | 98 | 98 |
| IN | 93 | 81 | 91 | 96 |
| IA | 100 | 97 | 98 | 97 |
| KS | 97 | 82 | 90 | 96 |
| KY | 91 | 91 | 95 | 95 |
| MI | 94 | 82 | 91 | 94 |
| MN | 100 | 96 | 99 | 96 |
| MO | 100 | 97 | 99 | 95 |
| NE | 99 | 95 | 99 | 99 |
| NC | 99 | 98 | 99 | 99 |
| ND | 98 | 94 | 99 | 93 |
| OH | 94 | 82 | 91 | 96 |
| PA | 89 | 75 | 82 | 90 |
| SD | 95 | 95 | 99 | 97 |
| TN | 99 | 97 | 98 | 99 |
| TX | 96 | 96 | 98 | 96 |
| WI | 100 | 77 | 91 | 92 |
| 18 Sts | 97 | 91 | 96 | 97 |

These 18 States planted 92% of last year's corn acreage.

### Corn Percent Emerged

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| CO | 82 | 62 | 80 | 79 |
| IL | 91 | 80 | 90 | 92 |
| IN | 77 | 60 | 74 | 87 |
| IA | 96 | 82 | 90 | 91 |
| KS | 86 | 64 | 76 | 86 |
| KY | 83 | 74 | 83 | 85 |
| MI | 69 | 43 | 66 | 80 |
| MN | 97 | 81 | 92 | 88 |
| MO | 100 | 89 | 94 | 91 |
| NE | 88 | 76 | 91 | 91 |
| NC | 95 | 95 | 96 | 97 |
| ND | 86 | 66 | 86 | 73 |
| OH | 71 | 62 | 79 | 81 |
| PA | 69 | 53 | 68 | 69 |
| SD | 82 | 74 | 90 | 85 |
| TN | 96 | 90 | 95 | 95 |
| TX | 88 | 86 | 89 | 91 |
| WI | 88 | 47 | 68 | 75 |
| 18 Sts | 88 | 73 | 86 | 87 |

These 18 States planted 92% of last year's corn acreage.

### Corn Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| CO | 0 | 0 | 17 | 71 | 12 |
| IL | 2 | 9 | 30 | 50 | 9 |
| IN | 5 | 12 | 37 | 41 | 5 |
| IA | 1 | 2 | 20 | 61 | 16 |
| KS | 2 | 7 | 30 | 56 | 5 |
| KY | 1 | 3 | 14 | 70 | 12 |
| MI | 0 | 4 | 26 | 61 | 9 |
| MN | 0 | 2 | 21 | 66 | 11 |
| MO | 1 | 6 | 34 | 51 | 8 |
| NE | 0 | 2 | 19 | 70 | 9 |
| NC | 1 | 4 | 18 | 61 | 16 |
| ND | 1 | 6 | 26 | 63 | 4 |
| OH | 2 | 8 | 41 | 41 | 8 |
| PA | 0 | 0 | 18 | 74 | 8 |
| SD | 0 | 6 | 32 | 58 | 4 |
| TN | 1 | 2 | 14 | 56 | 27 |
| TX | 1 | 4 | 16 | 68 | 11 |
| WI | 1 | 6 | 25 | 56 | 12 |
| 18 Sts | 1 | 5 | 26 | 58 | 10 |
| Prev Wk | 1 | 6 | 28 | 57 | 8 |
| Prev Yr | 1 | 3 | 21 | 61 | 14 |

### Soybeans Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 87 | 81 | 85 | 76 |
| IL | 80 | 62 | 85 | 81 |
| IN | 79 | 54 | 75 | 85 |
| IA | 93 | 77 | 91 | 84 |
| KS | 40 | 41 | 59 | 57 |
| KY | 41 | 45 | 60 | 54 |
| LA | 93 | 94 | 96 | 91 |
| MI | 85 | 56 | 75 | 85 |
| MN | 98 | 81 | 94 | 86 |
| MS | 92 | 89 | 92 | 88 |
| MO | 67 | 54 | 71 | 60 |
| NE | 88 | 76 | 91 | 90 |
| NC | 55 | 43 | 57 | 53 |
| ND | 96 | 83 | 94 | 81 |
| OH | 83 | 54 | 74 | 87 |
| SD | 82 | 72 | 92 | 83 |
| TN | 66 | 53 | 62 | 60 |
| WI | 94 | 45 | 73 | 80 |
| 18 Sts | 82 | 67 | 83 | 79 |

These 18 States planted 95% of last year's soybean acreage.

### Soybeans Percent Emerged

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 80 | 71 | 78 | 67 |
| IL | 63 | 38 | 62 | 66 |
| IN | 52 | 32 | 47 | 64 |
| IA | 75 | 39 | 62 | 65 |
| KS | 23 | 24 | 39 | 39 |
| KY | 27 | 26 | 38 | 37 |
| LA | 89 | 91 | 93 | 84 |
| MI | 55 | 20 | 46 | 61 |
| MN | 82 | 39 | 68 | 63 |
| MS | 84 | 84 | 89 | 78 |
| MO | 49 | 34 | 51 | 44 |
| NE | 60 | 35 | 62 | 67 |
| NC | 40 | 26 | 42 | 39 |
| ND | 72 | 26 | 57 | 50 |
| OH | 51 | 35 | 52 | 62 |
| SD | 58 | 30 | 62 | 55 |
| TN | 47 | 29 | 45 | 41 |
| WI | 71 | 12 | 34 | 53 |
| 18 Sts | 62 | 37 | 58 | 59 |

These 18 States planted 95% of last year's soybean acreage.

### Sorghum Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 95 | 97 | 99 | 97 |
| CO | 30 | 18 | 33 | 38 |
| IL | 19 | 50 | 60 | 57 |
| KS | 30 | 11 | 25 | 39 |
| LA | 100 | 97 | 99 | 100 |
| MO | 75 | 49 | 63 | 65 |
| NE | 81 | 50 | 71 | 75 |
| NM | 53 | 23 | 32 | 38 |
| OK | 50 | 42 | 53 | 53 |
| SD | 78 | 29 | 49 | 55 |
| TX | 81 | 87 | 92 | 84 |
| 11 Sts | 56 | 44 | 55 | 60 |

These 11 States planted 99% of last year's sorghum acreage.

# Crop Progress and Condition

## Week Ending June 4, 2017

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

### Winter Wheat Percent Headed

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 100 | 100 | 100 | 100 |
| CA | 100 | 100 | 100 | 100 |
| CO | 86 | 70 | 92 | 78 |
| ID | 55 | 7 | 25 | 37 |
| IL | 97 | 98 | 100 | 96 |
| IN | 94 | 90 | 96 | 92 |
| KS | 99 | 97 | 99 | 98 |
| MI | 62 | 27 | 59 | 64 |
| MO | 99 | 100 | 100 | 98 |
| MT | 33 | 0 | 18 | 13 |
| NE | 84 | 86 | 96 | 74 |
| NC | 99 | 100 | 100 | 99 |
| OH | 94 | 94 | 97 | 89 |
| OK | 100 | 100 | 100 | 99 |
| OR | 90 | 50 | 74 | 80 |
| SD | 72 | 32 | 78 | 47 |
| TX | 100 | 100 | 100 | 98 |
| WA | 85 | 38 | 49 | 67 |
| 18 Sts | 90 | 80 | 87 | 85 |

These 18 States planted 90% of last year's winter wheat acreage.

### Winter Wheat Percent Harvested

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 3 | 13 | 28 | 22 |
| CA | 28 | NA | 0 | 18 |
| CO | 0 | NA | 0 | 0 |
| ID | 0 | NA | 0 | 0 |
| IL | 0 | 0 | 1 | 3 |
| IN | 0 | NA | 1 | 2 |
| KS | 0 | NA | 0 | 5 |
| MI | 0 | NA | 0 | 0 |
| MO | 0 | 0 | 2 | 8 |
| MT | 0 | NA | 0 | 0 |
| NE | 0 | NA | 0 | 0 |
| NC | 3 | 1 | 18 | 8 |
| OH | 0 | NA | 0 | 0 |
| OK | 4 | 3 | 25 | 21 |
| OR | 0 | NA | 0 | 0 |
| SD | 0 | NA | 0 | 0 |
| TX | 15 | 22 | 58 | 23 |
| WA | 0 | NA | 0 | 0 |
| 18 Sts | 2 | NA | 10 | 7 |

These 18 States harvested 91% of last year's winter wheat acreage.

### Winter Wheat Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AR | 1 | 7 | 27 | 58 | 7 |
| CA | 0 | 0 | 0 | 80 | 20 |
| CO | 5 | 13 | 34 | 42 | 6 |
| ID | 1 | 5 | 19 | 52 | 23 |
| IL | 5 | 9 | 29 | 46 | 11 |
| IN | 1 | 4 | 28 | 52 | 15 |
| KS | 9 | 17 | 31 | 37 | 6 |
| MI | 2 | 7 | 17 | 60 | 14 |
| MO | 1 | 9 | 31 | 52 | 7 |
| MT | 4 | 7 | 42 | 31 | 16 |
| NE | 1 | 9 | 38 | 44 | 8 |
| NC | 1 | 8 | 22 | 59 | 10 |
| OH | 0 | 3 | 16 | 62 | 19 |
| OK | 1 | 7 | 52 | 38 | 2 |
| OR | 1 | 6 | 15 | 58 | 20 |
| SD | 12 | 26 | 33 | 28 | 1 |
| TX | 1 | 14 | 49 | 33 | 3 |
| WA | 0 | 1 | 15 | 78 | 6 |
| 18 Sts | 4 | 11 | 36 | 42 | 7 |
| Prev Wk | 4 | 11 | 35 | 41 | 9 |
| Prev Yr | 2 | 7 | 29 | 50 | 12 |

### Cotton Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AL | 88 | 84 | 94 | 90 |
| AZ | 100 | 95 | 98 | 99 |
| AR | 100 | 94 | 99 | 98 |
| CA | 96 | 72 | 90 | 98 |
| GA | 85 | 75 | 87 | 87 |
| KS | 31 | 32 | 63 | 56 |
| LA | 96 | 98 | 100 | 97 |
| MS | 94 | 83 | 90 | 91 |
| MO | 99 | 85 | 95 | 96 |
| NC | 85 | 74 | 86 | 92 |
| OK | 49 | 40 | 71 | 51 |
| SC | 86 | 77 | 90 | 88 |
| TN | 95 | 90 | 97 | 91 |
| TX | 62 | 52 | 73 | 72 |
| VA | 77 | 74 | 85 | 93 |
| 15 Sts | 73 | 63 | 80 | 80 |

These 15 States planted 98% of last year's cotton acreage.

### Cotton Percent Squaring

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AL | 3 | 0 | 4 | 4 |
| AZ | 32 | 22 | 28 | 21 |
| AR | 3 | 3 | 20 | 11 |
| CA | 9 | 0 | 0 | 13 |
| GA | 9 | 1 | 7 | 6 |
| KS | 1 | 0 | 0 | 0 |
| LA | 7 | 8 | 21 | 10 |
| MS | 3 | 0 | 7 | 3 |
| MO | 4 | 0 | 0 | 2 |
| NC | 2 | 0 | 2 | 2 |
| OK | 0 | 0 | 0 | 1 |
| SC | 1 | 0 | 1 | 2 |
| TN | 3 | 2 | 10 | 2 |
| TX | 8 | 11 | 13 | 8 |
| VA | 7 | 0 | 2 | 2 |
| 15 Sts | 7 | 7 | 11 | 7 |

These 15 States planted 98% of last year's cotton acreage.

### Cotton Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AL | 0 | 2 | 31 | 63 | 4 |
| AZ | 0 | 0 | 5 | 80 | 15 |
| AR | 2 | 7 | 20 | 53 | 18 |
| CA | 0 | 0 | 5 | 10 | 85 |
| GA | 0 | 5 | 24 | 60 | 11 |
| KS | 0 | 0 | 11 | 87 | 2 |
| LA | 0 | 2 | 45 | 43 | 10 |
| MS | 0 | 7 | 32 | 46 | 15 |
| MO | 2 | 15 | 42 | 37 | 4 |
| NC | 1 | 4 | 21 | 69 | 5 |
| OK | 0 | 0 | 26 | 73 | 1 |
| SC | 0 | 0 | 21 | 70 | 9 |
| TN | 2 | 3 | 13 | 68 | 14 |
| TX | 0 | 8 | 39 | 47 | 6 |
| VA | 0 | 0 | 9 | 86 | 5 |
| 15 Sts | 0 | 6 | 33 | 53 | 8 |
| Prev Wk | NA | NA | NA | NA | NA |
| Prev Yr | 1 | 11 | 41 | 39 | 8 |

# Crop Progress and Condition

## Week Ending June 4, 2017

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

### Oats Percent Emerged

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| IA | 100 | 97 | 100 | 99 |
| MN | 100 | 87 | 96 | 91 |
| NE | 98 | 97 | 98 | 99 |
| ND | 93 | 76 | 88 | 80 |
| OH | 93 | 92 | 97 | 94 |
| PA | 94 | 93 | 95 | 97 |
| SD | 99 | 97 | 100 | 96 |
| TX | 100 | 100 | 100 | 100 |
| WI | 98 | 81 | 87 | 91 |
| 9 Sts | 98 | 91 | 96 | 94 |

These 9 States planted 66% of last year's oat acreage.

### Oats Percent Headed

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| IA | 37 | 10 | 26 | 28 |
| MN | 10 | 3 | 7 | 7 |
| NE | 33 | 31 | 62 | 33 |
| ND | 1 | 2 | 3 | 1 |
| OH | 23 | 12 | 18 | 21 |
| PA | 41 | 0 | 6 | 18 |
| SD | 19 | 3 | 17 | 16 |
| TX | 100 | 100 | 100 | 98 |
| WI | 4 | 0 | 1 | 6 |
| 9 Sts | 37 | 29 | 35 | 38 |

These 9 States planted 66% of last year's oat acreage.

### Oat Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| IA | 0 | 1 | 21 | 61 | 17 |
| MN | 0 | 2 | 14 | 66 | 18 |
| NE | 0 | 1 | 23 | 67 | 9 |
| ND | 5 | 14 | 39 | 40 | 2 |
| OH | 1 | 2 | 27 | 56 | 14 |
| PA | 0 | 2 | 10 | 88 | 0 |
| SD | 2 | 13 | 36 | 45 | 4 |
| TX | 4 | 15 | 34 | 40 | 7 |
| WI | 0 | 2 | 23 | 58 | 17 |
| 9 Sts | 2 | 8 | 28 | 53 | 9 |
| Prev Wk | 2 | 6 | 31 | 52 | 9 |
| Prev Yr | 1 | 4 | 24 | 61 | 10 |

### Barley Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 100 | 92 | 97 | 100 |
| MN | 100 | 98 | 99 | 94 |
| MT | 98 | 94 | 99 | 99 |
| ND | 100 | 96 | 100 | 89 |
| WA | 100 | 92 | 94 | 100 |
| 5 Sts | 100 | 94 | 99 | 96 |

These 5 States planted 83% of last year's barley acreage.

### Barley Percent Emerged

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 90 | 82 | 88 | 96 |
| MN | 100 | 88 | 97 | 87 |
| MT | 92 | 67 | 76 | 91 |
| ND | 93 | 80 | 90 | 74 |
| WA | 93 | 75 | 83 | 97 |
| 5 Sts | 92 | 76 | 84 | 87 |

These 5 States planted 83% of last year's barley acreage.

### Barley Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| ID | 0 | 1 | 9 | 61 | 29 |
| MN | 0 | 1 | 7 | 66 | 26 |
| MT | 3 | 6 | 32 | 51 | 8 |
| ND | 3 | 9 | 30 | 52 | 6 |
| WA | 0 | 2 | 9 | 88 | 1 |
| 5 Sts | 2 | 5 | 24 | 57 | 12 |
| Prev Wk | 0 | 3 | 27 | 55 | 15 |
| Prev Yr | 0 | 1 | 21 | 61 | 17 |

### Rice Percent Emerged

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 98 | 97 | 99 | 95 |
| CA | 70 | 28 | 30 | 79 |
| LA | 99 | 99 | 100 | 98 |
| MS | 97 | 94 | 97 | 90 |
| MO | 100 | 83 | 91 | 94 |
| TX | 100 | 86 | 100 | 95 |
| 6 Sts | 93 | 84 | 87 | 92 |

These 6 States planted 100% of last year's rice acreage.

### Rice Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AR | 4 | 10 | 31 | 43 | 12 |
| CA | 0 | 0 | 10 | 80 | 10 |
| LA | 1 | 7 | 19 | 54 | 19 |
| MS | 0 | 0 | 33 | 58 | 9 |
| MO | 1 | 8 | 25 | 46 | 20 |
| TX | 0 | 0 | 22 | 62 | 16 |
| 6 Sts | 2 | 7 | 25 | 53 | 13 |
| Prev Wk | 3 | 7 | 26 | 52 | 12 |
| Prev Yr | 3 | 7 | 23 | 54 | 13 |

### Sunflowers Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| CO | 22 | 5 | 12 | 25 |
| KS | 20 | 4 | 19 | 26 |
| ND | 79 | 58 | 81 | 59 |
| SD | 47 | 30 | 48 | 33 |
| 4 Sts | 59 | 41 | 61 | 44 |

These 4 States planted 87% of last year's sunflower acreage.

# Crop Progress and Condition

## Week Ending June 4, 2017

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

### Peanuts Percent Planted

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| AL | 83 | 73 | 87 | 84 |
| FL | 92 | 84 | 93 | 87 |
| GA | 92 | 83 | 93 | 91 |
| NC | 80 | 65 | 80 | 91 |
| OK | 84 | 75 | 83 | 86 |
| SC | 89 | 86 | 92 | 91 |
| TX | 85 | 72 | 91 | 86 |
| VA | 73 | 71 | 86 | 91 |
| 8 Sts | 89 | 79 | 91 | 89 |

These 8 States planted 96% of last year's peanut acreage.

### Peanut Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AL | 1 | 4 | 39 | 56 | 0 |
| FL | 0 | 0 | 50 | 36 | 14 |
| GA | 0 | 5 | 21 | 61 | 13 |
| NC | 0 | 1 | 20 | 74 | 5 |
| OK | 0 | 0 | 5 | 90 | 5 |
| SC | 0 | 0 | 9 | 79 | 12 |
| TX | 0 | 1 | 22 | 71 | 6 |
| VA | 0 | 0 | 10 | 86 | 4 |
| 8 Sts | 0 | 3 | 25 | 62 | 10 |
| Prev Wk | NA | NA | NA | NA | NA |
| Prev Yr | 0 | 1 | 31 | 58 | 10 |

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

**NA - Not Available**
*** Revised**

### Spring Wheat Percent Emerged

| | Prev Year | Prev Week | Jun 4 2017 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 95 | 74 | 80 | 98 |
| MN | 100 | 97 | 100 | 89 |
| MT | 94 | 65 | 78 | 88 |
| ND | 94 | 77 | 92 | 78 |
| SD | 99 | 99 | 100 | 95 |
| WA | 99 | 81 | 87 | 99 |
| 6 Sts | 95 | 79 | 90 | 85 |

These 6 States planted 99% of last year's spring wheat acreage.

### Spring Wheat Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| ID | 3 | 1 | 20 | 58 | 18 |
| MN | 0 | 0 | 5 | 70 | 25 |
| MT | 7 | 4 | 41 | 45 | 3 |
| ND | 2 | 8 | 38 | 47 | 5 |
| SD | 4 | 28 | 43 | 22 | 3 |
| WA | 0 | 1 | 16 | 82 | 1 |
| 6 Sts | 3 | 8 | 34 | 48 | 7 |
| Prev Wk | 1 | 5 | 32 | 53 | 9 |
| Prev Yr | 0 | 2 | 19 | 68 | 11 |

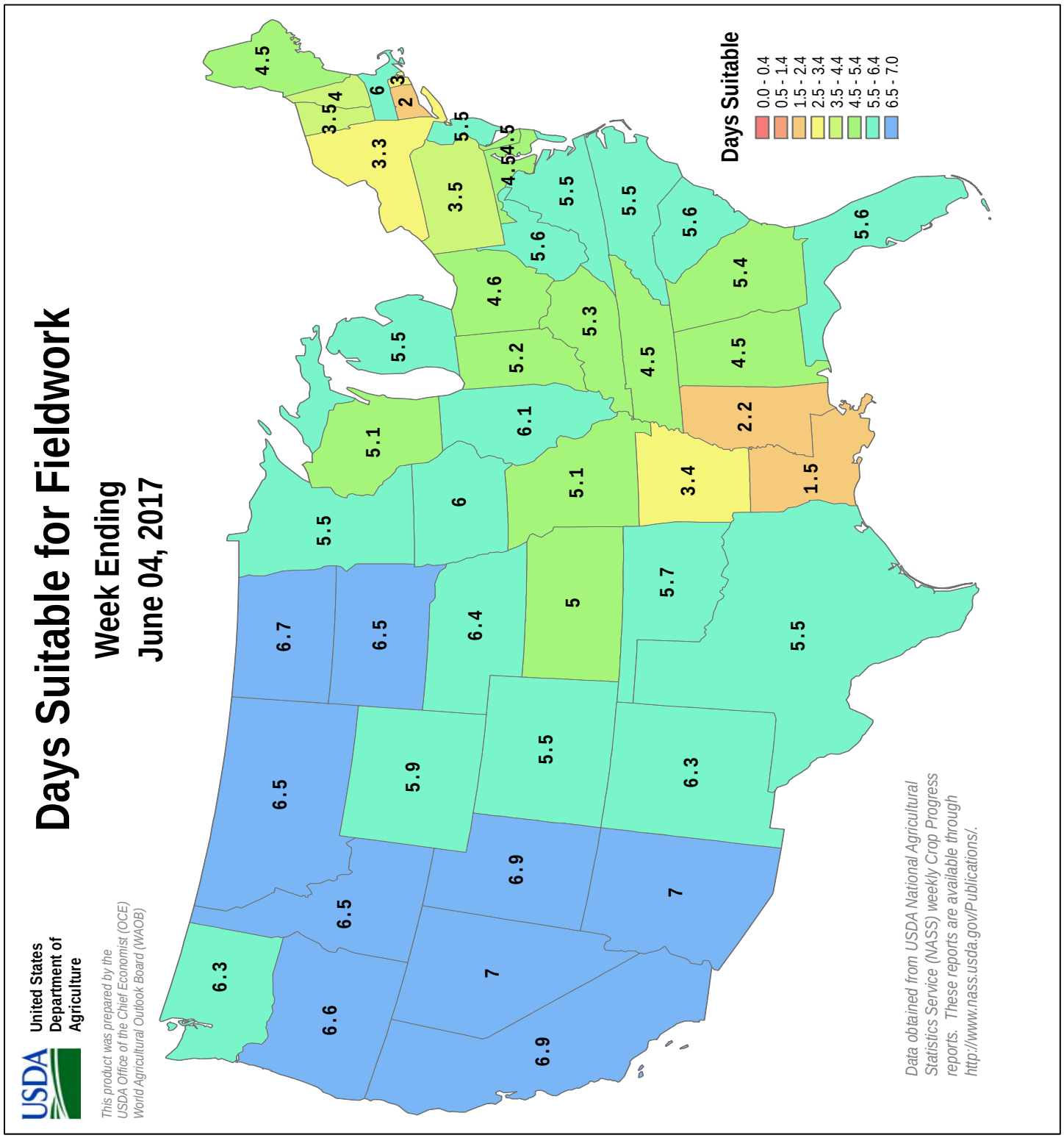
### Pasture and Range Condition by Percent
### Week Ending Jun 4, 2017

| | VP | P | F | G | EX | | | VP | P | F | G | EX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AL | 1 | 13 | 30 | 51 | 5 | | NH | 0 | 2 | 22 | 44 | 32 |
| AZ | 0 | 22 | 25 | 38 | 15 | | NJ | 0 | 0 | 23 | 74 | 3 |
| AR | 1 | 5 | 30 | 47 | 17 | | NM | 7 | 22 | 40 | 25 | 6 |
| CA | 5 | 10 | 10 | 40 | 35 | | NY | 2 | 3 | 15 | 55 | 25 |
| CO | 0 | 1 | 17 | 69 | 13 | | NC | 1 | 3 | 26 | 61 | 9 |
| CT | 0 | 0 | 100 | 0 | 0 | | ND | 10 | 25 | 35 | 27 | 3 |
| DE | 3 | 3 | 34 | 56 | 4 | | OH | 1 | 3 | 15 | 70 | 11 |
| FL | 7 | 35 | 34 | 23 | 1 | | OK | 1 | 3 | 26 | 59 | 11 |
| GA | 4 | 14 | 30 | 47 | 5 | | OR | 0 | 1 | 29 | 52 | 18 |
| ID | 0 | 1 | 8 | 59 | 32 | | PA | 0 | 4 | 21 | 50 | 25 |
| IL | 0 | 2 | 13 | 57 | 28 | | RI | 0 | 0 | 0 | 50 | 50 |
| IN | 0 | 4 | 19 | 62 | 15 | | SC | 0 | 0 | 12 | 83 | 5 |
| IA | 0 | 2 | 14 | 64 | 20 | | SD | 21 | 19 | 26 | 30 | 4 |
| KS | 0 | 2 | 16 | 65 | 17 | | TN | 1 | 7 | 24 | 54 | 14 |
| KY | 1 | 3 | 17 | 63 | 16 | | TX | 3 | 9 | 37 | 42 | 9 |
| LA | 4 | 7 | 28 | 47 | 14 | | UT | 0 | 1 | 19 | 62 | 18 |
| ME | 1 | 1 | 0 | 88 | 10 | | VT | 19 | 6 | 17 | 44 | 14 |
| MD | 1 | 2 | 11 | 68 | 18 | | VA | 1 | 5 | 18 | 64 | 12 |
| MA | 0 | 0 | 0 | 85 | 15 | | WA | 0 | 1 | 6 | 72 | 21 |
| MI | 0 | 5 | 25 | 48 | 22 | | WV | 1 | 5 | 15 | 69 | 10 |
| MN | 0 | 3 | 22 | 59 | 16 | | WI | 0 | 1 | 16 | 58 | 25 |
| MS | 1 | 4 | 25 | 57 | 13 | | WY | 1 | 7 | 17 | 61 | 14 |
| MO | 0 | 0 | 25 | 65 | 10 | | 48 Sts | 3 | 8 | 25 | 51 | 13 |
| MT | 11 | 13 | 28 | 35 | 13 | | | | | | | |
| NE | 0 | 1 | 20 | 69 | 10 | | Prev Wk | 2 | 8 | 27 | 50 | 13 |
| NV | 0 | 0 | 10 | 20 | 70 | | Prev Yr | 2 | 6 | 26 | 53 | 13 |

## Crop Progress and Condition

### Week Ending June 4, 2017

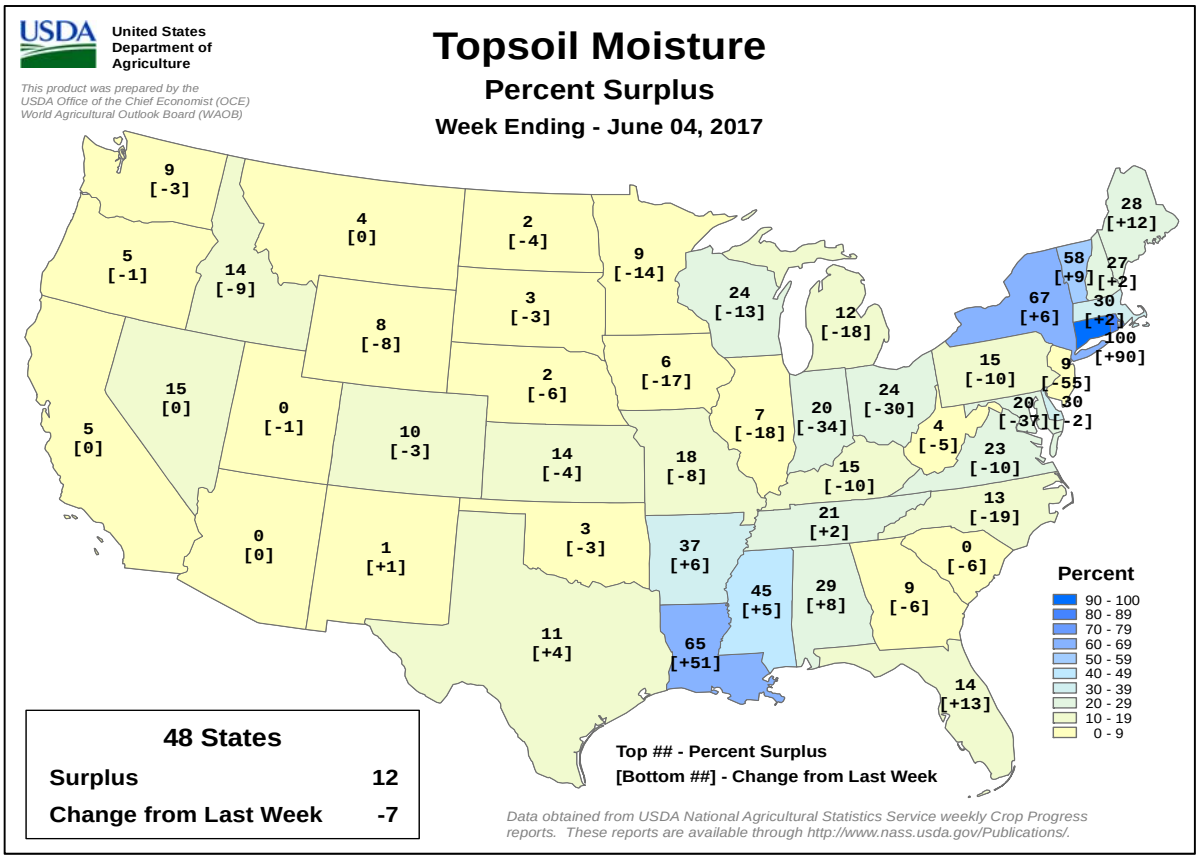
Weekly U.S. Progress and Condition Data provided by USDA/NASS

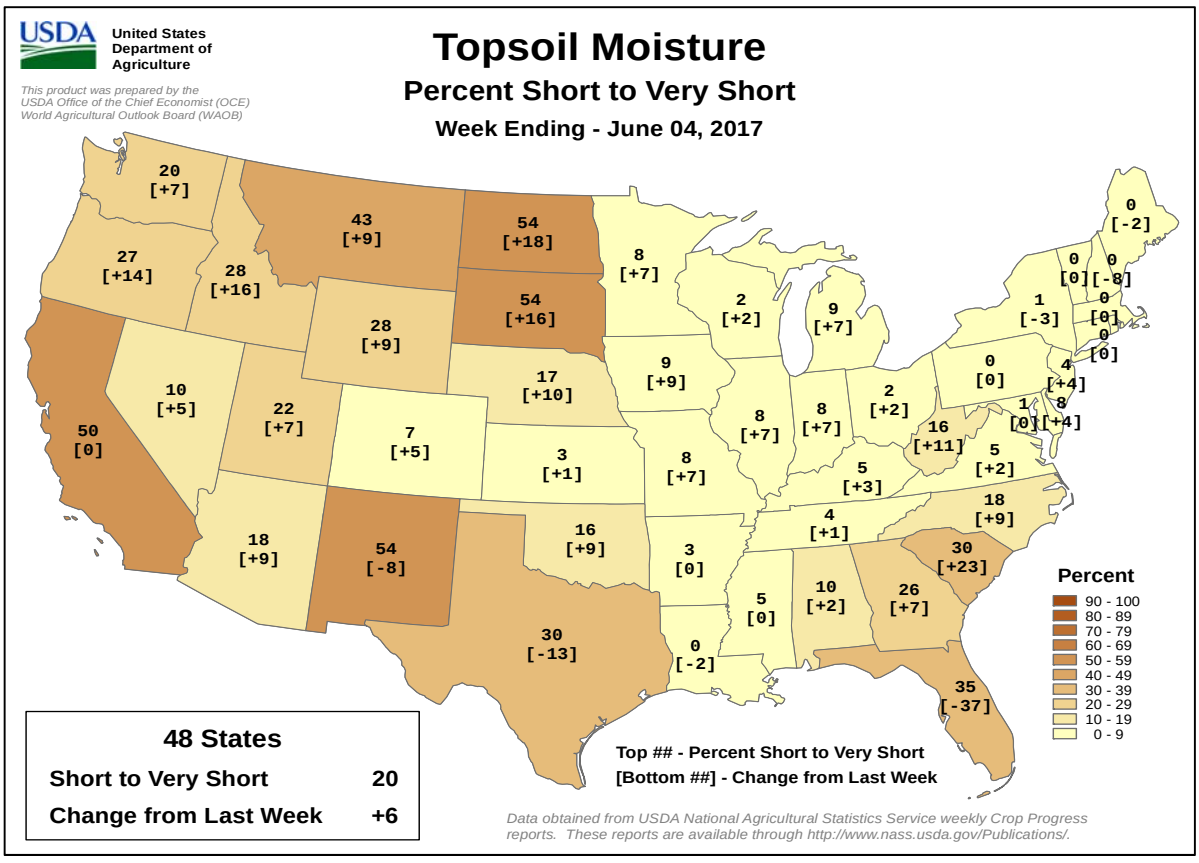


# Crop Progress and Condition

## Week Ending June 4, 2017

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

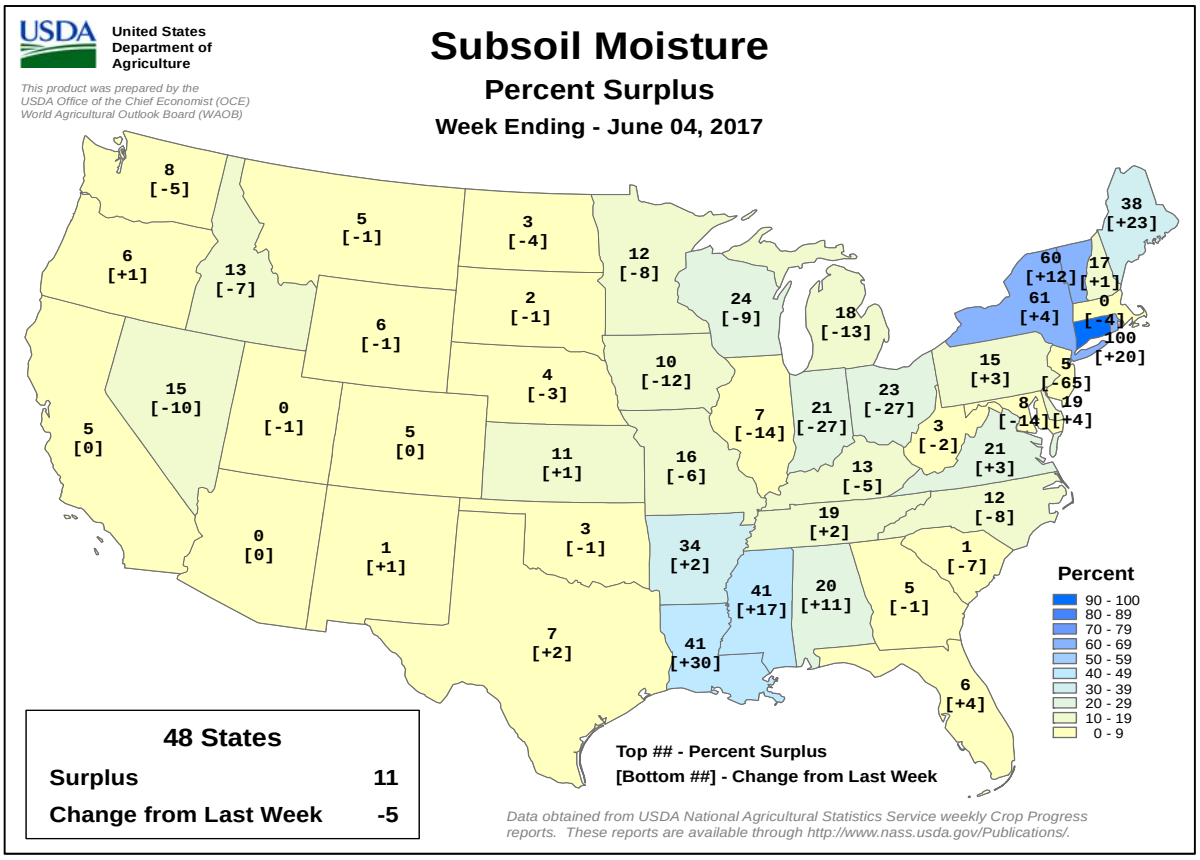


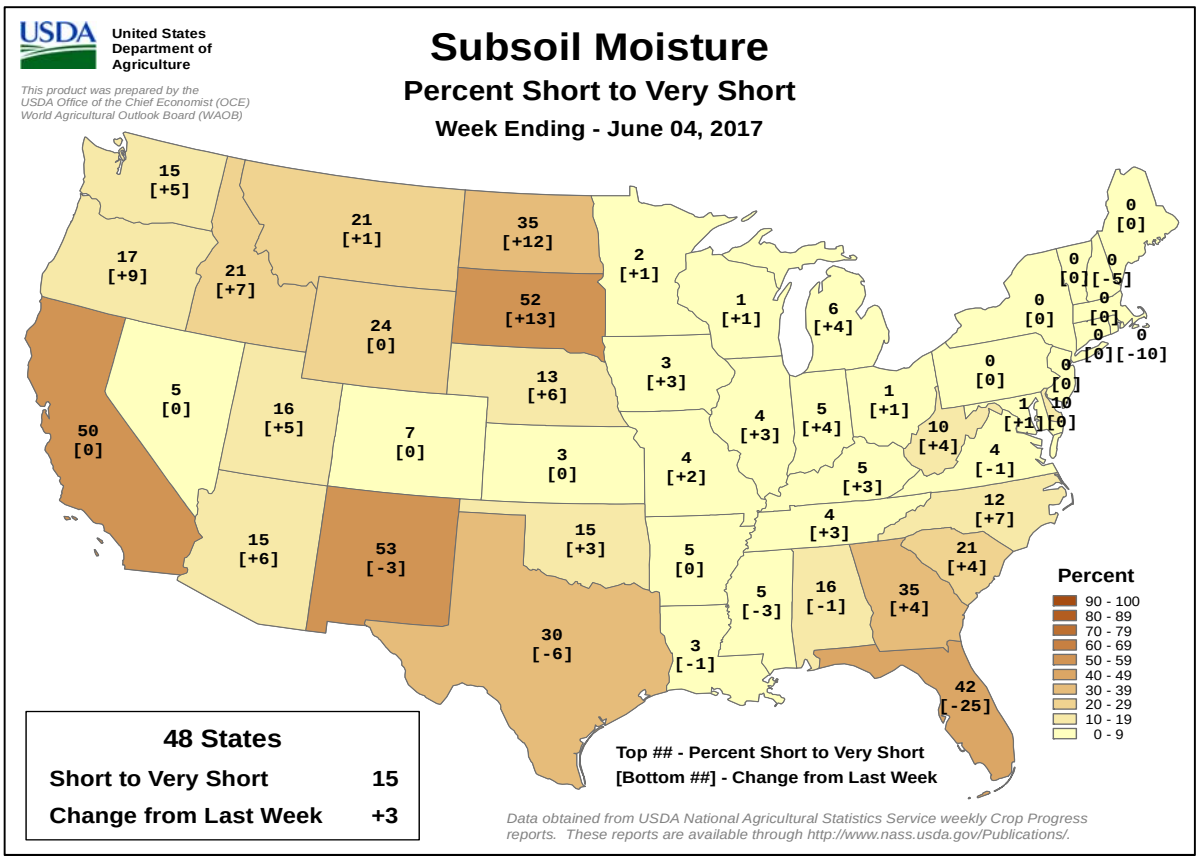



# Crop Progress and Condition

## Week Ending June 4, 2017

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



## International Weather and Crop Summary

**May 28 - June 3, 2017**

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

**EUROPE:** Warm weather accelerated winter crops toward maturity over central and northern Europe.

**FSU-WESTERN:** Showers sustained excellent winter wheat yield prospects in Russia, while wheat conditions were highly variable in Ukraine.

**FSU-EASTERN:** Widespread showers boosted moisture supplies for spring wheat emergence in the north, while sunny, warm weather promoted cotton development in southern portions of the region.

**MIDDLE EAST**: Additional showers further improved conditions for reproductive to filling winter grains in Turkey.

**SOUTH ASIA:** The summer monsoon began in India, bringing heavy showers to the southwest and prompting summer crop sowing across the country.

**EAST ASIA:** Dry weather aided wheat maturation and harvesting in China but reduced soil moisture for vegetative summer crops.

**SOUTHEAST ASIA:** Monsoon showers throughout the region maintained good soil moisture and water supplies for rice and other summer crops.

**AUSTRALIA:** Scattered, light showers provided little additional moisture for recently planted winter grains and oilseeds.

**ARGENTINA**: Dry weather supported corn and soybean harvesting in key production areas of central Argentina.

**BRAZIL:** Rain benefited southern corn as warm, seasonably dry weather fostered rapid maturation of crops farther north.

**MEXICO:** Showers intensified in eastern farming areas but farmers awaited the start of the rainy season in western sections of the corn belt.

**CANADIAN PRAIRIES:** Warm, drier conditions favored spring grain and oilseed planting.

**SOUTHEASTERN CANADA:** Warm, showery weather overspread the region, sustaining local delays in fieldwork.

## May 2017

| COUNTRY | CITY | TEMPERATURE ( C ) | | | | | | PRECIP. (MM) | |
|---|---|---|---|---|---|---|---|---|---|
| | | AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DEP NRM | TOT | DEP NRM |
| ALGERI | ALGER | 27 | 13 | 36 | 7 | 20 | 1.6 | 8 | -36 |
| | BATNA | 30 | 11 | 34 | 5 | 21 | 3.1 | 4 | -36 |
| ARGENT | IGUAZU | 24 | 16 | 30 | 10 | 20 | 2.1 | 299 | 128 |
| | FORMOSA | 24 | 17 | 31 | 9 | 21 | 1.1 | 228 | 110 |
| | CERES | 21 | 13 | 30 | 5 | 17 | 1.2 | 30 | -10 |
| | CORDOBA | 20 | 8 | 31 | 0 | 14 | -0.2 | 48 | 23 |
| | RIO CUARTO | 18 | 9 | 28 | 2 | 14 | 0.6 | 7 | -23 |
| | ROSARIO | 20 | 11 | 27 | 5 | 16 | 1.5 | 54 | -19 |
| | BUENOS AIRES | 19 | 11 | 27 | 2 | 15 | 1.8 | 119 | 37 |
| | SANTA ROSA | 17 | 7 | 27 | -1 | 12 | 0.9 | 92 | 47 |
| | TRES ARROYOS | 18 | 8 | 26 | 1 | 13 | 2 | 91 | 27 |
| AUSTRA | DARWIN | 33 | 23 | 34 | 21 | 28 | 0.6 | 0 | -22 |
| | BRISBANE | 23 | 15 | 26 | 10 | 19 | 0.3 | 57 | -55 |
| | PERTH | 23 | 11 | 31 | 5 | 17 | 0.6 | 54 | -39 |
| | CEDUNA | 21 | 8 | 27 | 3 | 15 | 0 | 13 | -14 |
| | ADELAIDE | 19 | 10 | 21 | 5 | 14 | 0 | 32 | -16 |
| | MELBOURNE | 16 | 8 | 20 | 3 | 12 | -0.3 | 15 | -32 |
| | WAGGA | 18 | 6 | 23 | -1 | 12 | -0.2 | 19 | -37 |
| | CANBERRA | 16 | 2 | 19 | -4 | 9 | -0.6 | 29 | -14 |
| AUSTRI | VIENNA | 21 | 10 | 30 | -2 | 16 | 0.6 | 137 | 71 |
| | INNSBRUCK | 22 | 9 | 31 | 1 | 16 | 2.2 | 91 | 4 |
| BAHAMA | NASSAU | 31 | 23 | 34 | 16 | 27 | 1.5 | 57 | -34 |
| BARBAD | BRIDGETOWN | 31 | 26 | 31 | 22 | 28 | 0.7 | 51 | -1 |
| BELARU | MINSK | 19 | 8 | 27 | -1 | 13 | 0.2 | 30 | -26 |
| BERMUD | ST GEORGES | 25 | 21 | 27 | 18 | 23 | 0.3 | 20 | -49 |
| BOLIVI | LA PAZ | 14 | 0 | 17 | -4 | 7 | -0.1 | 70 | 56 |
| BRAZIL | FORTALEZA | 30 | 25 | 31 | 24 | 28 | 0.4 | 90 | -131 |
| | RECIFE | 29 | 25 | 32 | 22 | 27 | -0.5 | 345 | 43 |
| | CAMPO GRANDE | 28 | 20 | 31 | 17 | 24 | 1.5 | 94 | 16 |
| | FRANCA | 26 | 17 | 28 | 15 | 21 | 1.5 | 117 | 61 |
| | RIO DE JANEIRO | 26 | 19 | 32 | 16 | 22 | -0.4 | 33 | -46 |
| | LONDRINA | 26 | 16 | 30 | 14 | 21 | 2.2 | 255 | 146 |
| | SANTA MARIA | 22 | 14 | 32 | 8 | 18 | 1.2 | 274 | 113 |
| | TORRES | 23 | 16 | 27 | 10 | 19 | -2.2 | 187 | 102 |
| BULGAR | SOFIA | 21 | 10 | 28 | 4 | 15 | 0.4 | 54 | -6 |
| BURKIN | OUAGADOUGOU | 37 | 27 | 42 | 22 | 32 | 0 | 309 | 236 |
| CANADA | TORONTO | 17 | 8 | 30 | 2 | 13 | -0.2 | 143 | 70 |
| | MONTREAL | 18 | 8 | 30 | 1 | 13 | -0.3 | 124 | 46 |
| | WINNIPEG | 18 | 6 | 24 | -3 | 12 | -0.5 | 0 | -57 |
| | REGINA | 20 | 4 | 30 | -2 | 12 | 0.3 | 0 | -54 |
| | SASKATOON | 19 | 5 | 30 | -1 | 12 | 0.3 | 0 | -49 |
| | LETHBRIDGE | *** | *** | *** | *** | *** | ***** | ***** | ****** |
| | CALGARY | 19 | 6 | 29 | -1 | 13 | 2.7 | 57 | -4 |
| | VANCOUVER | 17 | 9 | 26 | 4 | 13 | 0.3 | 102 | 34 |
| CANARY | LAS PALMAS | 25 | 19 | 29 | 17 | 22 | 2.1 | 1 | -1 |
| CHILE | SANTIAGO | 17 | 6 | 26 | 1 | 12 | 0.9 | 52 | -17 |
| CHINA | HARBIN | 22 | 11 | 32 | 3 | 16 | 1.9 | 53 | 14 |
| | HAMI | 30 | 14 | 38 | 4 | 22 | 1.5 | 6 | 2 |
| | BEIJING | 30 | 16 | 37 | 12 | 23 | 2.8 | 31 | -3 |
| | TIENTSIN | 30 | 17 | 37 | 14 | 23 | 3.2 | 18 | -20 |
| | LHASA | 21 | 8 | 25 | 2 | 14 | 1.4 | 17 | -14 |
| | KUNMING | 25 | 13 | 30 | 11 | 19 | -0.1 | 40 | -57 |
| | CHENGCHOW | 31 | 18 | 39 | 12 | 25 | 3.6 | 56 | -4 |
| | YEHCHANG | 27 | 17 | 34 | 13 | 22 | 0.5 | 110 | -19 |
| | HANKOW | 28 | 18 | 34 | 14 | 23 | 0.6 | 87 | -74 |
| | CHUNGKING | 27 | 19 | 35 | 14 | 23 | 0.5 | 146 | -2 |
| | CHIHKIANG | 28 | 18 | 34 | 14 | 23 | 1.5 | 152 | -48 |
| | WU HU | 27 | 18 | 33 | 14 | 23 | 1.5 | 113 | -16 |
| | SHANGHAI | 26 | 18 | 33 | 12 | 22 | 1.5 | 74 | -28 |
| | NANCHANG | 29 | 21 | 34 | 17 | 25 | 2.5 | 126 | -120 |
| | TAIPEI | *** | *** | 29 | *** | *** | ***** | ***** | ****** |
| | CANTON | 29 | 22 | 33 | 19 | 26 | 0 | 424 | 158 |
| | NANNING | 30 | 22 | 34 | 19 | 26 | 0.2 | 302 | 117 |
| COLOMB | BOGOTA | 20 | 10 | 23 | 7 | 15 | 1.3 | 185 | 102 |
| COTE D | ABIDJAN | 32 | 26 | 35 | 23 | 29 | 1.1 | 142 | -136 |
| CUBA | HAVANA | 31 | 21 | 33 | 14 | 26 | -0.2 | 0 | -94 |
| CYPRUS | LARNACA | 27 | 16 | 34 | 14 | 22 | 0.7 | 28 | 19 |
| CZECHR | PRAGUE | 20 | 8 | 30 | -2 | 14 | 1.1 | 38 | -33 |
| DENMAR | COPENHAGEN | 17 | 9 | 25 | 0 | 13 | 1.3 | 9 | -28 |
| EGYPT | CAIRO | 33 | 21 | 41 | 19 | 27 | 2.2 | 0 | ****** |

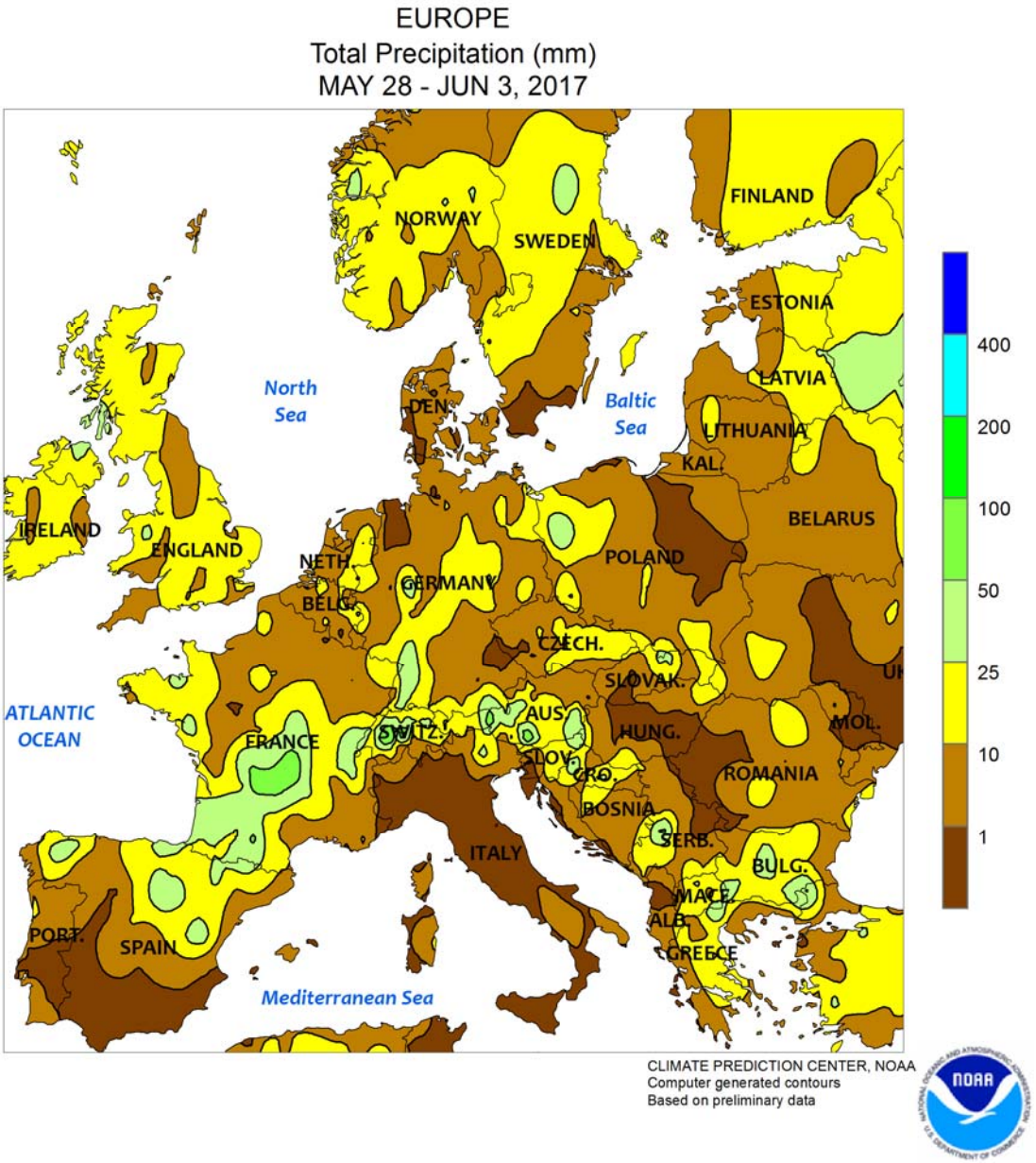
**Based on Preliminary Reports**

## May 2017

| COUNTRY | CITY | TEMPERATURE ( C ) | | | | | | PRECIP. (MM) | |
|---|---|---|---|---|---|---|---|---|---|
| | | AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DEP NRM | TOT | DEP NRM |
| | ASWAN | 41 | 25 | 46 | 21 | 33 | 1.6 | 1 | 1 |
| ESTONI | TALLINN | 14 | 4 | 26 | -5 | 9 | -0.6 | 12 | -24 |
| ETHIOP | ADDIS ABABA | 25 | 13 | 28 | 12 | 19 | 0.9 | 177 | 101 |
| F GUIA | CAYENNE | 30 | 24 | 32 | 22 | 27 | 1.0 | 811 | 220 |
| FIJI | NAUSORI | 29 | 23 | 31 | 19 | 26 | 1.9 | 274 | 32 |
| FINLAN | HELSINKI | 15 | 4 | 25 | -3 | 10 | -0.3 | 14 | -21 |
| FRANCE | PARIS/ORLY | 22 | 11 | 32 | 5 | 16 | 2.0 | 55 | -2 |
| | STRASBOURG | 22 | 11 | 34 | 3 | 17 | 2.5 | 81 | 0 |
| | BOURGES | 21 | 10 | 31 | 4 | 16 | 2.2 | 81 | 2 |
| | BORDEAUX | 24 | 13 | 34 | 5 | 18 | 3.1 | 52 | -30 |
| | TOULOUSE | 23 | 13 | 31 | 6 | 18 | 2.8 | 117 | 39 |
| | MARSEILLE | 24 | 12 | 30 | 7 | 18 | 1.1 | 39 | -2 |
| GABON | LIBREVILLE | 30 | 26 | 32 | 23 | 28 | 1.0 | 129 | -139 |
| GERMAN | HAMBURG | 19 | 10 | 27 | -1 | 14 | 1.6 | 82 | 31 |
| | BERLIN | 21 | 10 | 32 | 1 | 15 | 1.2 | 16 | -37 |
| | DUSSELDORF | 21 | 10 | 34 | -1 | 16 | 1.5 | 42 | -27 |
| | LEIPZIG | 20 | 10 | 31 | 2 | 15 | 1.6 | 34 | -14 |
| | DRESDEN | 20 | 10 | 30 | 0 | 15 | 1.3 | 38 | -23 |
| | STUTTGART | 20 | 10 | 31 | 1 | 15 | 1.6 | 84 | 0 |
| | NURNBERG | 21 | 9 | 33 | -1 | 15 | 1.2 | 78 | 19 |
| | AUGSBURG | 20 | 8 | 30 | 1 | 14 | 0.9 | 74 | -9 |
| GREECE | THESSALONIKA | 25 | 13 | 31 | 10 | 19 | -0.1 | 52 | 9 |
| | LARISSA | 27 | 12 | 36 | 7 | 20 | 0.1 | 50 | 10 |
| | ATHENS | 26 | 17 | 33 | 14 | 21 | 0.9 | 35 | 20 |
| GUADEL | RAIZET | 31 | 24 | 31 | 21 | 27 | 0.3 | 148 | 28 |
| HONGKO | HONG KONG INT | 30 | 25 | 34 | 22 | 27 | 1.1 | 299 | 0 |
| HUNGAR | BUDAPEST | 23 | 12 | 30 | 4 | 17 | 1.1 | 69 | 8 |
| ICELAN | REYKJAVIK | 12 | 7 | 17 | 3 | 9 | 2.8 | 71 | 20 |
| INDIA | AMRITSAR | 39 | 24 | 43 | 18 | 31 | 1.2 | 56 | 36 |
| | NEW DELHI | 40 | 26 | 44 | 22 | 33 | 0.2 | 60 | 37 |
| | AHMEDABAD | 42 | 28 | 43 | 25 | 35 | 0.9 | 2 | -15 |
| | INDORE | 41 | 25 | 43 | 22 | 33 | 0.5 | 10 | -10 |
| | CALCUTTA | 37 | 27 | 39 | 22 | 32 | 1.5 | 83 | -45 |
| | VERAVAL | 33 | 27 | 37 | 25 | 30 | 1.5 | 0 | ****** |
| | BOMBAY | 34 | 26 | 35 | 24 | 30 | 0.1 | 4 | ****** |
| | POONA | 38 | 23 | 41 | 20 | 31 | 1.1 | 9 | -25 |
| | BEGAMPET | 40 | 27 | 43 | 20 | 34 | 0.9 | 91 | 56 |
| | VISHAKHAPATNAM | 34 | 28 | 37 | 23 | 31 | 0.4 | 13 | -41 |
| | MADRAS | 39 | 28 | 44 | 25 | 34 | 0.6 | 5 | -29 |
| | MANGALORE | 33 | 25 | 36 | 22 | 29 | -0.3 | 105 | -84 |
| INDONE | SERANG | 33 | 24 | 35 | 23 | 28 | 0.1 | 143 | 21 |
| IRELAN | DUBLIN | 17 | 8 | 23 | -2 | 12 | 1.4 | 43 | -11 |
| ITALY | MILAN | 24 | 14 | 32 | 5 | 19 | 2.0 | 66 | -31 |
| | VENICE | 22 | 15 | 27 | 9 | 18 | 1.1 | 137 | 72 |
| | GENOA | 22 | 16 | 26 | 8 | 19 | 0.6 | 44 | -24 |
| | ROME | 24 | 12 | 29 | 7 | 18 | 1.0 | 13 | -25 |
| | NAPLES | 25 | 15 | 29 | 10 | 20 | 2.2 | 10 | -46 |
| JAMAIC | KINGSTON | 31 | 25 | 33 | 23 | 28 | 0.3 | 78 | 17 |
| JAPAN | SAPPORO | 20 | 11 | 28 | 4 | 15 | 3.0 | 59 | 4 |
| | NAGOYA | 26 | 16 | 33 | 10 | 21 | 2.2 | 67 | -90 |
| | TOKYO | 25 | 16 | 31 | 11 | 21 | 1.9 | 51 | -78 |
| | YOKOHAMA | 25 | 17 | 30 | 13 | 21 | 2.1 | 61 | -79 |
| | KYOTO | 27 | 16 | 32 | 10 | 22 | 2.2 | 67 | -101 |
| | OSAKA | 26 | 17 | 30 | 11 | 22 | 2.0 | 96 | -45 |
| KAZAKH | KUSTANAY | 20 | 7 | 29 | 0 | 14 | -0.2 | 51 | 24 |
| | TSELINOGRAD | 22 | 10 | 30 | -2 | 16 | 2.5 | 21 | -15 |
| | KARAGANDA | 21 | 7 | 29 | -3 | 14 | 0.9 | 17 | -19 |
| KENYA | NAIROBI | 25 | 16 | 29 | 11 | 20 | 1.1 | 62 | -33 |
| LITHUA | KAUNAS | 19 | 7 | 26 | -1 | 13 | 0.0 | 12 | -33 |
| LUXEMB | LUXEMBOURG | 21 | 11 | 32 | 4 | 16 | 3.1 | 38 | -36 |
| MALAYS | KUALA LUMPUR | 33 | 25 | 35 | 23 | 29 | 1.2 | 238 | 19 |
| MALI | BAMAKO | 37 | 26 | 41 | 22 | 31 | 0.1 | 56 | -6 |
| MARSHA | MAJURO | 30 | 27 | 31 | 25 | 29 | 1.2 | 125 | -175 |
| MARTIN | LAMENTIN | 31 | 25 | 31 | 23 | 28 | 1.3 | 151 | 40 |
| MAURIT | NOUAKCHOTT | 36 | 22 | 47 | 19 | 29 | 3.8 | 0 | 0 |
| MEXICO | GUADALAJARA | 33 | 16 | 36 | 13 | 24 | 0.3 | 16 | -11 |
| | TLAXCALA | 27 | 12 | 30 | 9 | 19 | 0.7 | 127 | 45 |
| | ORIZABA | 28 | 18 | 32 | 13 | 23 | 2.0 | 98 | -22 |
| MOROCC | CASABLANCA | 24 | 18 | 31 | 14 | 21 | 2.9 | 1 | -17 |
| | MARRAKECH | 31 | 17 | 42 | 13 | 24 | 3.8 | 0 | -17 |

| COUNTRY | CITY | TEMPERATURE ( C ) | | | | | | PRECIP. (MM) | |
|---|---|---|---|---|---|---|---|---|---|
| | | AVG MAX | AVG MIN | HI MAX | LO MIN | AVG | DEP NRM | TOT | DEP NRM |
| MOZAMB | MAPUTO | 29 | 17 | 33 | 12 | 23 | 0.9 | 49 | 19 |
| N KORE | PYONGYANG | 25 | 13 | 31 | 6 | 19 | 2.1 | 37 | -40 |
| NEW CA | NOUMEA | 26 | 21 | 29 | 19 | 24 | 1.2 | 27 | -62 |
| NIGER | NIAMEY | 40 | 29 | 44 | 22 | 35 | 0.4 | 107 | 74 |
| NORWAY | OSLO | 15 | 6 | 25 | -1 | 11 | 0.8 | 61 | 6 |
| NZEALA | AUCKLAND | 18 | 10 | 21 | 2 | 14 | ***** | 109 | ****** |
| | WELLINGTON | 15 | 10 | 18 | 5 | 12 | ***** | 78 | ****** |
| P RICO | SAN JUAN | 31 | 25 | 34 | 22 | 28 | 1.0 | 117 | -17 |
| PAKIST | KARACHI | 36 | 28 | 38 | 26 | 32 | 1.1 | 0 | ****** |
| PERU | LIMA | 24 | 19 | 30 | 18 | 21 | 2.0 | 2 | 1 |
| PHILIP | MANILA | 35 | 27 | 37 | 23 | 31 | 0.6 | 132 | 3 |
| PNEWGU | PORT MORESBY | 30 | 25 | 33 | 22 | 28 | 0.9 | 1 | -58 |
| POLAND | WARSAW | 20 | 10 | 27 | -2 | 15 | 0.9 | 50 | 0 |
| | LODZ | 19 | 8 | 28 | -3 | 14 | -0.1 | 48 | -3 |
| | KATOWICE | 19 | 8 | 30 | -2 | 14 | 0.3 | 29 | -49 |
| PORTUG | LISBON | 25 | 15 | 33 | 10 | 20 | 3.2 | 64 | 18 |
| ROMANI | BUCHAREST | 23 | 9 | 30 | 1 | 16 | -0.7 | 81 | 27 |
| RUSSIA | ST.PETERSBURG | 13 | 6 | 22 | -1 | 10 | -1.4 | 14 | -24 |
| | KAZAN | 16 | 6 | 27 | 1 | 11 | -1.9 | 42 | 5 |
| | MOSCOW | 16 | 6 | 26 | -1 | 11 | -1.9 | 97 | 43 |
| | YEKATERINBURG | 16 | 5 | 27 | -2 | 10 | -0.7 | 36 | -8 |
| | OMSK | 19 | 7 | 30 | 0 | 13 | 1.1 | 25 | -9 |
| | BARNAUL | 20 | 8 | 33 | -5 | 14 | 1.9 | 49 | 6 |
| | KHABAROVSK | 20 | 8 | 29 | -1 | 14 | 2.1 | 47 | -12 |
| | VLADIVOSTOK | 16 | 8 | 25 | 6 | 12 | 2.2 | 97 | 22 |
| | VOLGOGRAD | 21 | 10 | 29 | 4 | 15 | -0.4 | 44 | 11 |
| | ASTRAKHAN | 24 | 12 | 30 | 4 | 18 | 0.2 | 30 | 2 |
| | ORENBURG | 20 | 8 | 27 | -1 | 14 | -1.0 | 32 | 2 |
| S AFRI | JOHANNESBURG | 20 | 8 | 23 | 2 | 14 | 1.2 | 100 | 86 |
| | DURBAN | 25 | 13 | 31 | -40 | 19 | -0.6 | 215 | 162 |
| | CAPE TOWN | 22 | 10 | 31 | 5 | 16 | 1.7 | 6 | -69 |
| S KORE | SEOUL | 25 | 15 | 30 | 10 | 20 | 2.1 | 18 | -93 |
| SAMOA | PAGO PAGO | 30 | 26 | 32 | 22 | 28 | 0.8 | 585 | 320 |
| SENEGA | DAKAR | 27 | 22 | 32 | 20 | 24 | 1.8 | 0 | -1 |
| SPAIN | VALLADOLID | 25 | 11 | 32 | 1 | 18 | 4.0 | 40 | -11 |
| | MADRID | 27 | 12 | 34 | 3 | 19 | 3.3 | 23 | -25 |
| | SEVILLE | 29 | 16 | 36 | 10 | 22 | 2.0 | 34 | -3 |
| SWITZE | ZURICH | 20 | 10 | 30 | 2 | 15 | 2.4 | 78 | -36 |
| | GENEVA | 21 | 10 | 31 | 3 | 15 | 1.5 | 83 | 9 |
| SYRIA | DAMASCUS | 32 | 13 | 38 | 8 | 23 | 2.2 | 1 | -2 |
| TAHITI | PAPEETE | 31 | 24 | 32 | 23 | 27 | 1.0 | 45 | -58 |
| TANZAN | DAR ES SALAAM | 30 | 23 | 32 | 22 | 26 | 0.8 | 372 | 217 |
| THAILA | PHITSANULOK | 35 | 26 | 38 | 23 | 31 | 0.0 | 197 | 19 |
| | BANGKOK | 35 | 27 | 38 | 24 | 31 | 0.5 | 425 | 206 |
| TOGO | LOME | 31 | 26 | 34 | 23 | 29 | 1.2 | 0 | -148 |
| TRINID | PORT OF SPAIN | 33 | 25 | 35 | 23 | 29 | 1.7 | 115 | 18 |
| TUNISI | TUNIS | 28 | 16 | 35 | 11 | 22 | 2.2 | 0 | -22 |
| TURKEY | ISTANBUL | 22 | 14 | 29 | 11 | 18 | 1.4 | 28 | -7 |
| | ANKARA | 21 | 8 | 28 | 1 | 14 | 0.7 | 74 | 32 |
| TURKME | ASHKHABAD | 33 | 20 | 40 | 15 | 27 | 3.6 | 5 | -22 |
| UKINGD | ABERDEEN | 15 | 8 | 23 | 2 | 11 | 2.1 | 23 | -32 |
| | LONDON | 20 | 10 | 28 | 5 | 15 | 2.1 | 66 | 20 |
| UKRAIN | KIEV | 21 | 10 | 28 | 1 | 15 | 0.1 | 32 | -20 |
| | LVOV | 19 | 8 | 26 | -2 | 14 | 0.5 | 81 | 1 |
| | KIROVOGRAD | 22 | 9 | 29 | -2 | 15 | 0.3 | 13 | -27 |
| | ODESSA | 20 | 12 | 27 | 6 | 16 | 0.5 | 44 | 10 |
| | KHARKOV | 20 | 9 | 28 | 3 | 14 | -1.0 | 34 | -20 |
| UZBEKI | TASHKENT | 31 | 17 | 37 | 7 | 24 | 3.8 | 25 | -29 |
| YUGOSL | BELGRADE | 24 | 14 | 30 | 6 | 19 | 1.1 | 88 | 19 |
| ZAMBIA | LUSAKA | 24 | 14 | 31 | 11 | 19 | -0.1 | 0 | -2 |
| ZIMBAB | KADOMA | 25 | 11 | 28 | 8 | 18 | -2.0 | 11 | 5 |

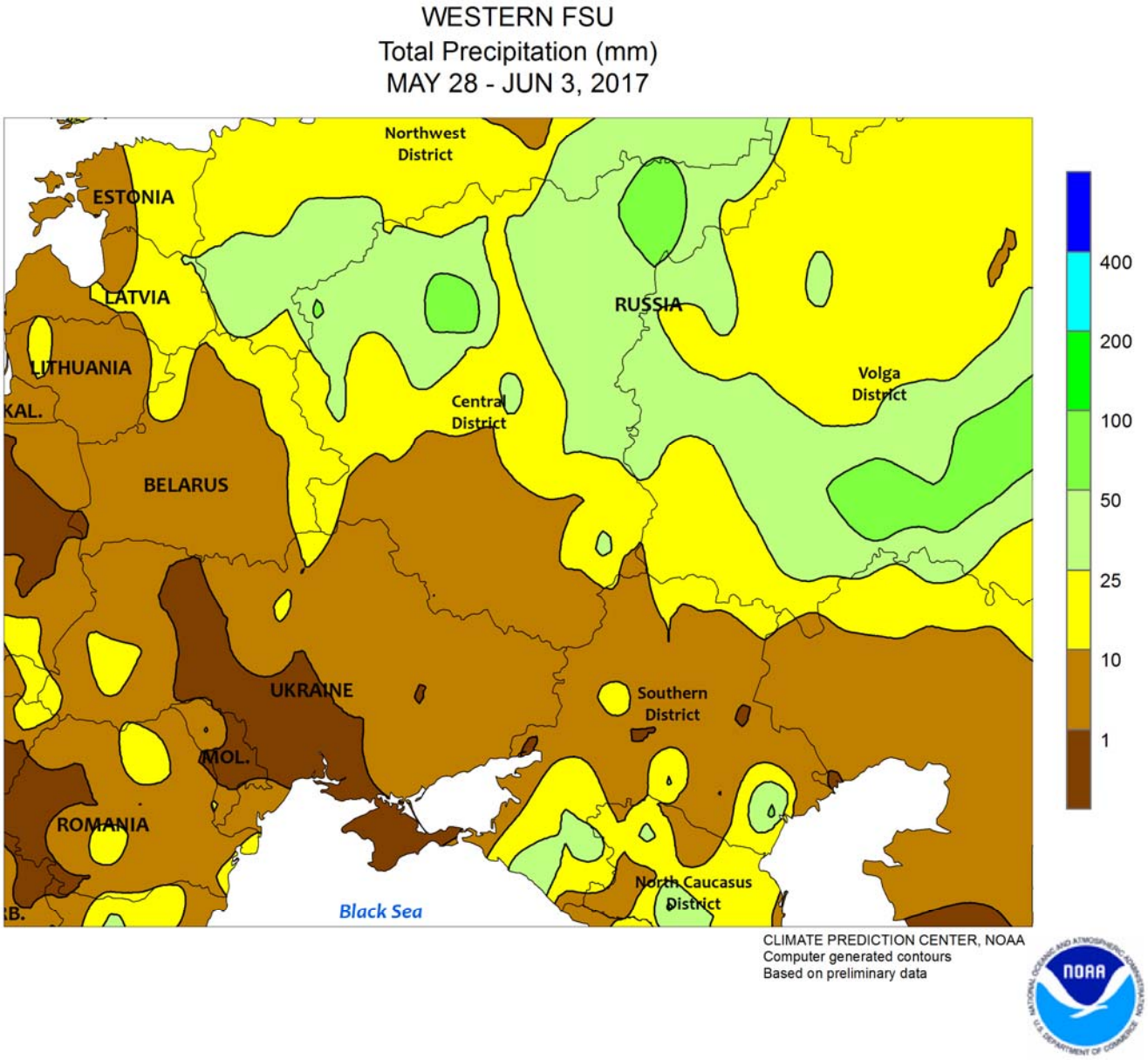
**Based on Preliminary Reports**




## EUROPE

Warm weather and widespread showers promoted crop development, though locally dry conditions lingered in southern Europe. A warm, southerly flow developed over the continent as a broad area of high pressure shifted south and began to weaken. Temperatures averaged 2 to 5°C above normal across most major growing areas (locally up to 8°C above normal in central Europe), with daytime highs topping 30°C from Spain and France into the Balkans. Temperatures were not high enough (peak values were at or below 32°C) to stress reproductive to filling winter grains and oilseeds in northern Europe, while corn in southern Europe had not yet reached the temperature-sensitive tasseling stage of development. A series of weak disturbances generated widespread showers and thunderstorms over the continent, but parts of southern Europe were dry. In particular, locally heavy rainfall (25-70 mm) in southwestern France boosted moisture reserves for vegetative corn and sunflowers, while lighter showers (2-20 mm) in England, northern France, Germany, and western Poland were beneficial for vegetative small grains and summer crops. Likewise, light to moderate showers (2-30 mm) were favorable for early corn and cotton development in Greece and the lower Balkans, while dry weather in the central Danube River Valley promoted winter crop maturation and early summer crop development following a wet spring. Nevertheless, pockets of dryness maintained some concerns for corn, soybeans, and sunflowers over western and northern Italy into central and southeastern Spain.

**For additional information contact:** mbrusberg@oce.usda.gov

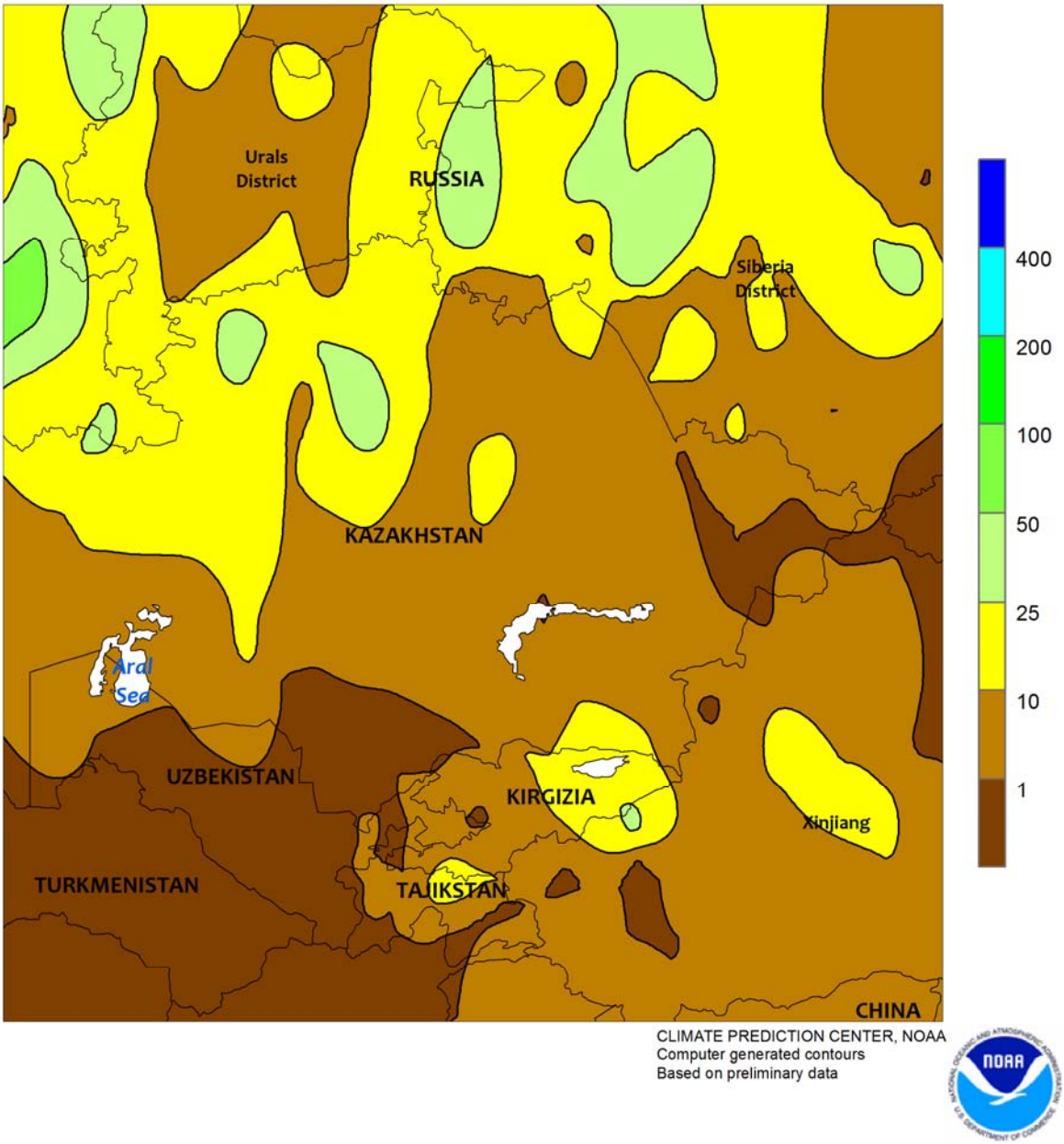



## WESTERN FSU

Beneficial showers in Russia contrasted with a return to dry weather in Ukraine. In southern and eastern Ukraine's winter wheat areas, mostly dry, warm weather (up to 2°C above normal) accelerated winter wheat through the flowering stage of development. Wheat conditions in Ukraine are highly variable, with satellite-derived vegetation health data indicating excellent conditions in southern and eastern portions of the country contrasting with locally poor vegetation health in central Ukraine due to spring dryness and drought. Across north-central and western Ukraine, light to locally moderate showers (2-14 mm) maintained topsoil moisture for corn and soybean emergence and establishment, though here, too, localized drought lingered. In Russia, widespread showers and thunderstorms (2-30 mm, locally more) sustained excellent yield prospects for flowering to filling winter wheat from the southern Central District into the Southern and North Caucasus Districts. Farther north, moderate to heavy rain (10-70 mm, locally more) boosted moisture reserves for vegetative small grains and summer crops from eastern Belarus into Russia's Volga District.

**For additional information contact:** mbrusberg@oce.usda.gov

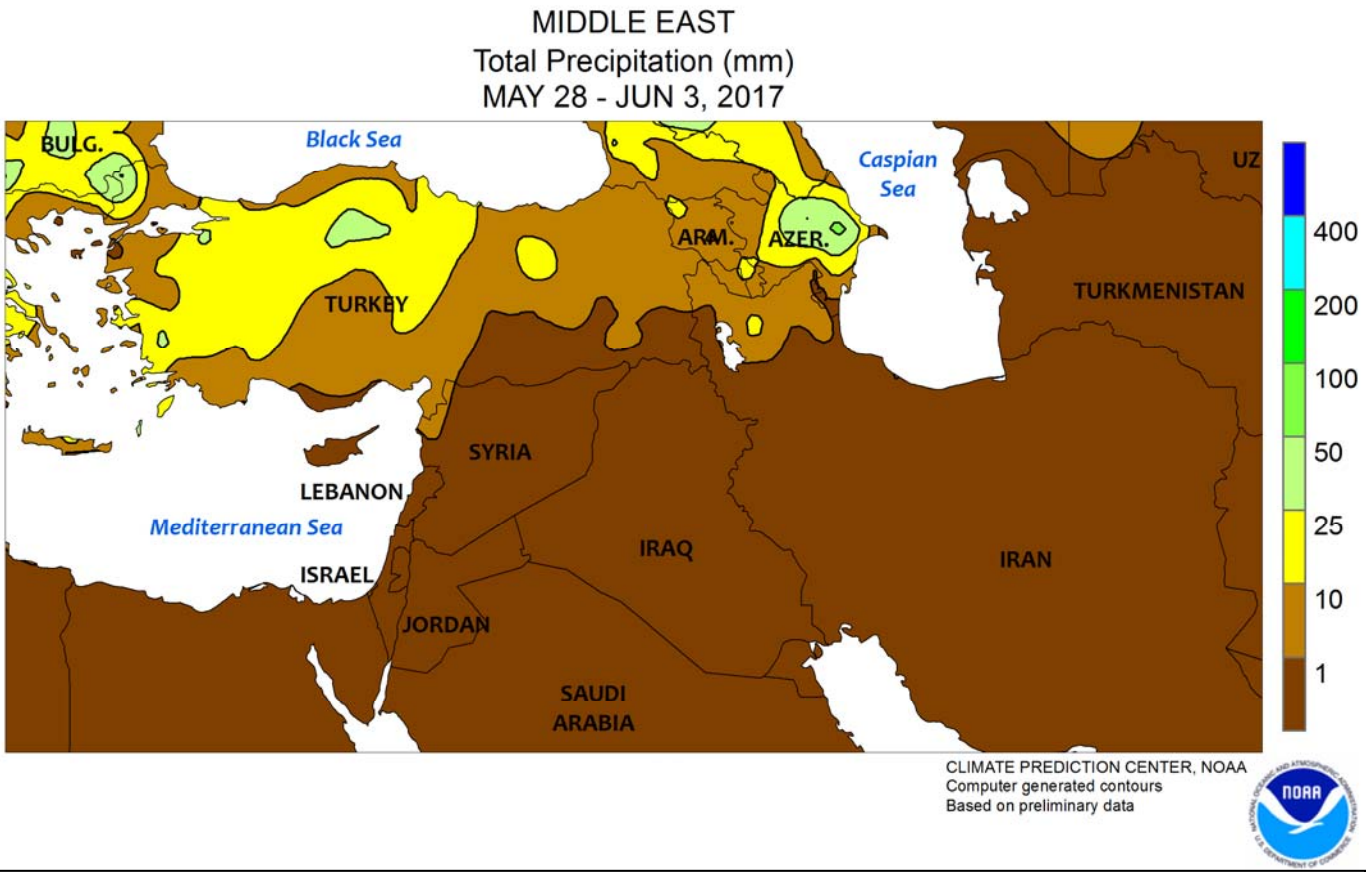
EASTERN FSU
Total Precipitation (mm)
MAY 28 - JUN 3, 2017




## EASTERN FSU

Wet weather in the north contrasted with sunny, warm conditions in southern portions of the region. A cold front triggered showers and thunderstorms (5-50 mm) across spring wheat areas of northern Kazakhstan and central Russia, boosting soil moisture supplies for emergence and establishment. Meanwhile, mostly dry, hot weather (35-38°C) in Uzbekistan promoted late cotton planting but maintained higher-than-normal irrigation demands for crop establishment.

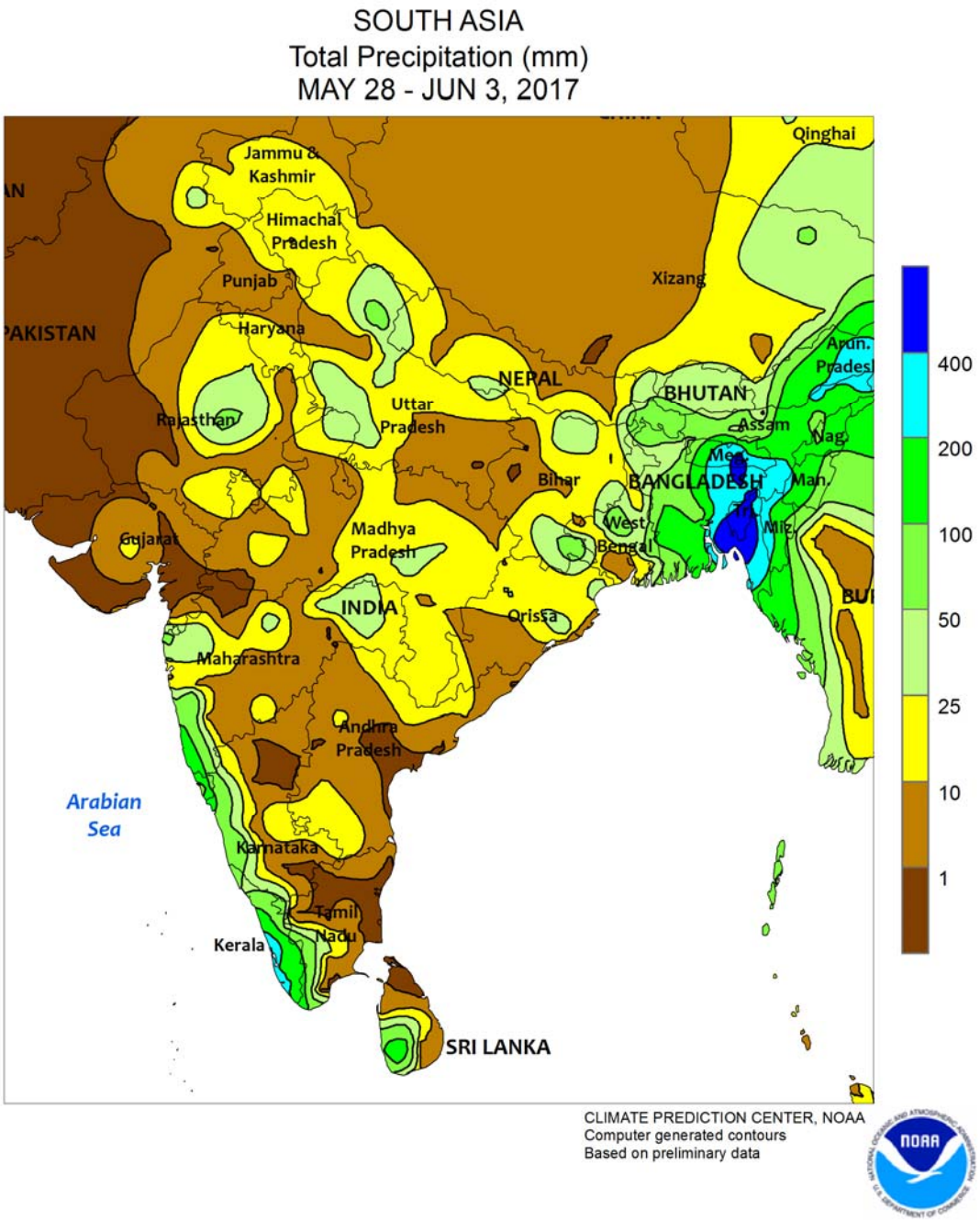
**For additional information contact:** mbrusberg@oce.usda.gov




## MIDDLE EAST

Additional late-spring rainfall further benefited winter grains in the north, while sunny, seasonably hot conditions prevailed in central and southern portions of the region. During the 7-day period, rainfall totaled 5 to 35 mm across much of central and northern Turkey. The rain gave an additional boost to flowering to filling winter wheat on the Anatolian Plateau, where yield prospects continued to improve due to timely moisture during the reproductive and early grain-fill stages of development. The rain was also favorable for emerging to vegetative cotton and sunflowers grown in the west. Elsewhere in the Middle East, sunny weather with seasonal heat favored winter wheat harvesting in the south and accelerated winter grains toward maturity in central and northern Iran.

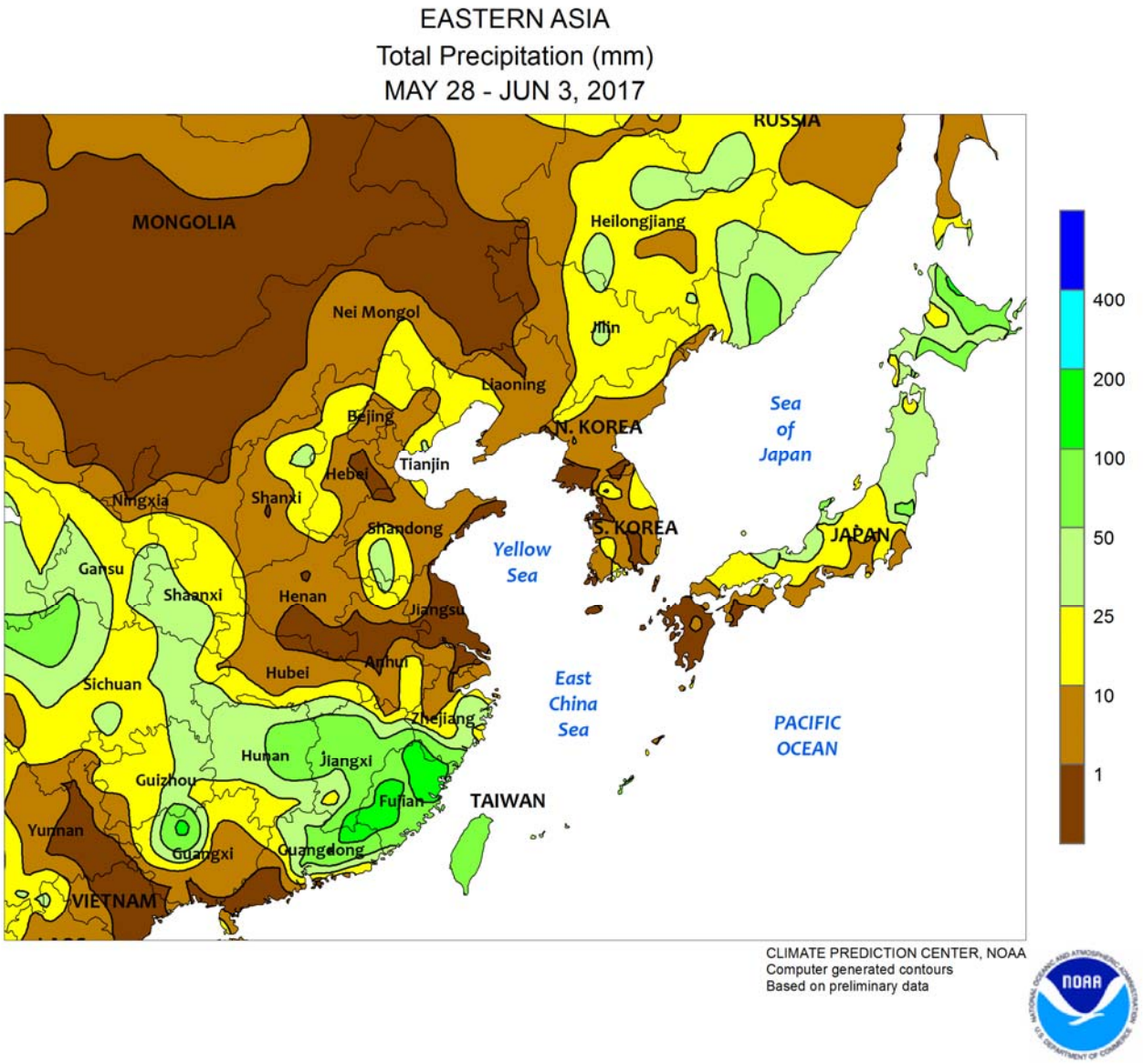
**For additional information contact:** mbrusberg@oce.usda.gov




## SOUTH ASIA

The onset of the summer monsoon in southwestern India (three days earlier than the normal onset date of June 1, as reported by the Indian Meteorological Department) brought heavy showers (over 100 mm) from Kerala to southwestern Maharashtra. The start of seasonal rainfall spurred summer (kharif) crop planting across India, although planting typically doesn't peak until July when monsoon rainfall has encompassed most of India. Showers (10-25 mm or more) were generally scattered in the remainder of India, with daytime temperatures continuing above 40°C in most of the country. In other parts of the region, Tropical Cyclone Mora moved ashore in eastern Bangladesh, bringing winds in excess of 60 knots and rainfall amounts well above 200 mm (over 900 mm was reported at one locale). The deluge exacerbated conditions that were already excessively wet (90-day rainfall totals were three times the normal amount) for rice and threatened to reduce yields. Meanwhile in Sri Lanka, more seasonable rainfall amounts (25-100 mm) occurred in southwestern districts following torrential downpours last week coinciding with the onset of the summer monsoon. In Pakistan, cotton and rice sowing continued under seasonably dry, hot conditions.

**For additional information contact:** mbrusberg@oce.usda.gov




## EASTERN ASIA

Hot (over 35°C), mostly dry weather on the North China Plain and into the northern Yangtze Valley aided wheat maturation and the start of harvesting but reduced soil moisture for summer crops. Most of these areas have received little if any rainfall over the last two weeks and more rain is needed to stem developing short-term dryness. Similar dryness was apparent in parts of northeastern China (western Heilongjiang, Jilin, Liaoning, and adjacent areas of Inner Mongolia). However, periodic rainfall during May and recent cooler-than-normal weather maintained adequate soil moisture for vegetative corn and soybeans. Showers have been more consistent in eastern sections of Heilongjiang and Jilin, with 10 to 25 mm (locally more) of additional rain keeping totals since May 1 above normal. Meanwhile, showers south of the Yangtze River (10-25 mm in western areas; 25-50 mm in central areas; and 50-150 mm in eastern areas) improved soil moisture for rice but significant short-term deficits continued, particularly in southeastern provinces. Elsewhere in the region, unfavorably dry weather continued for rice on the Korean Peninsula and sections of southern Japan, while 10 to nearly 50 mm of rain in northern and central Japan increased soil moisture and water supplies.

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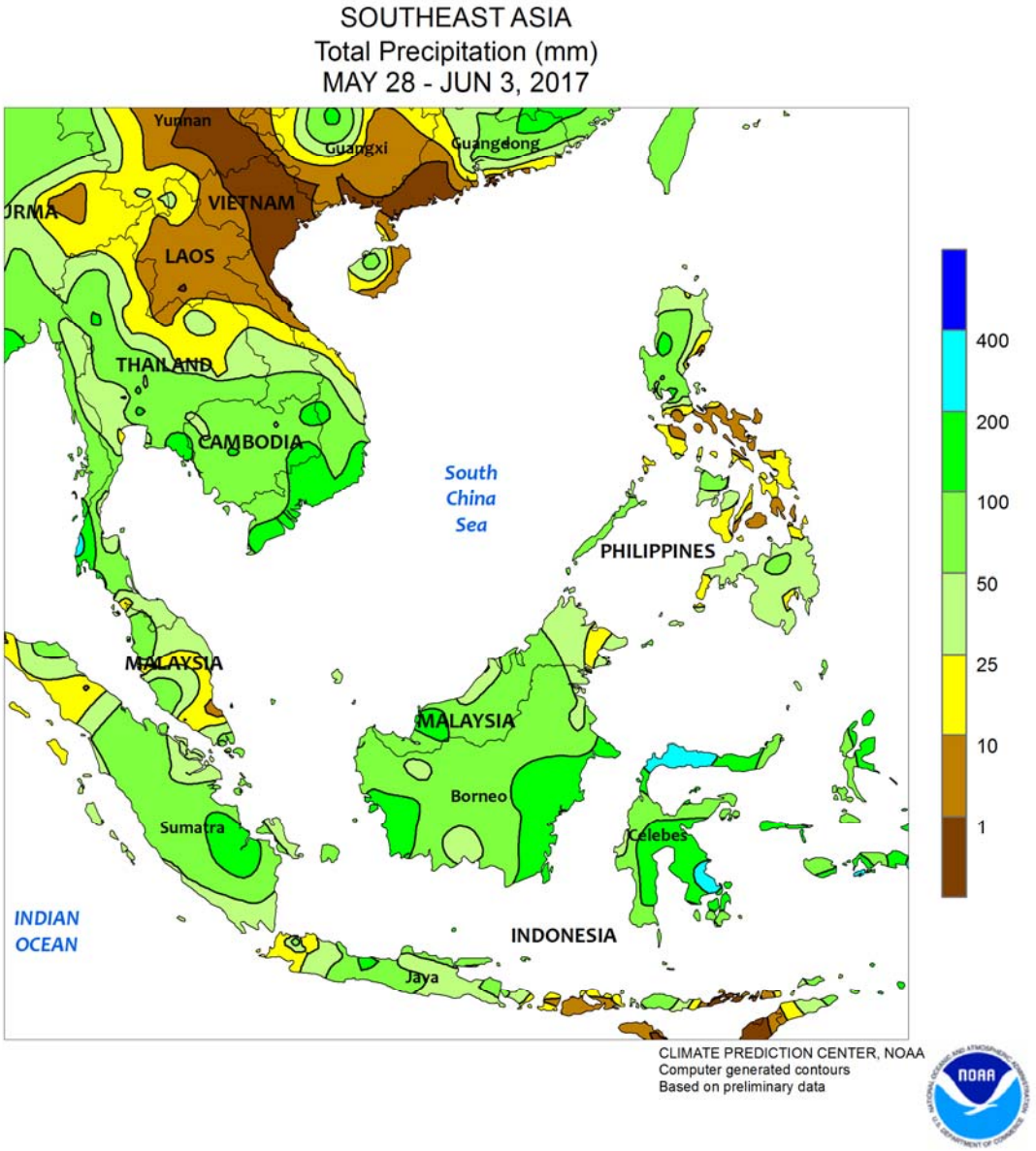
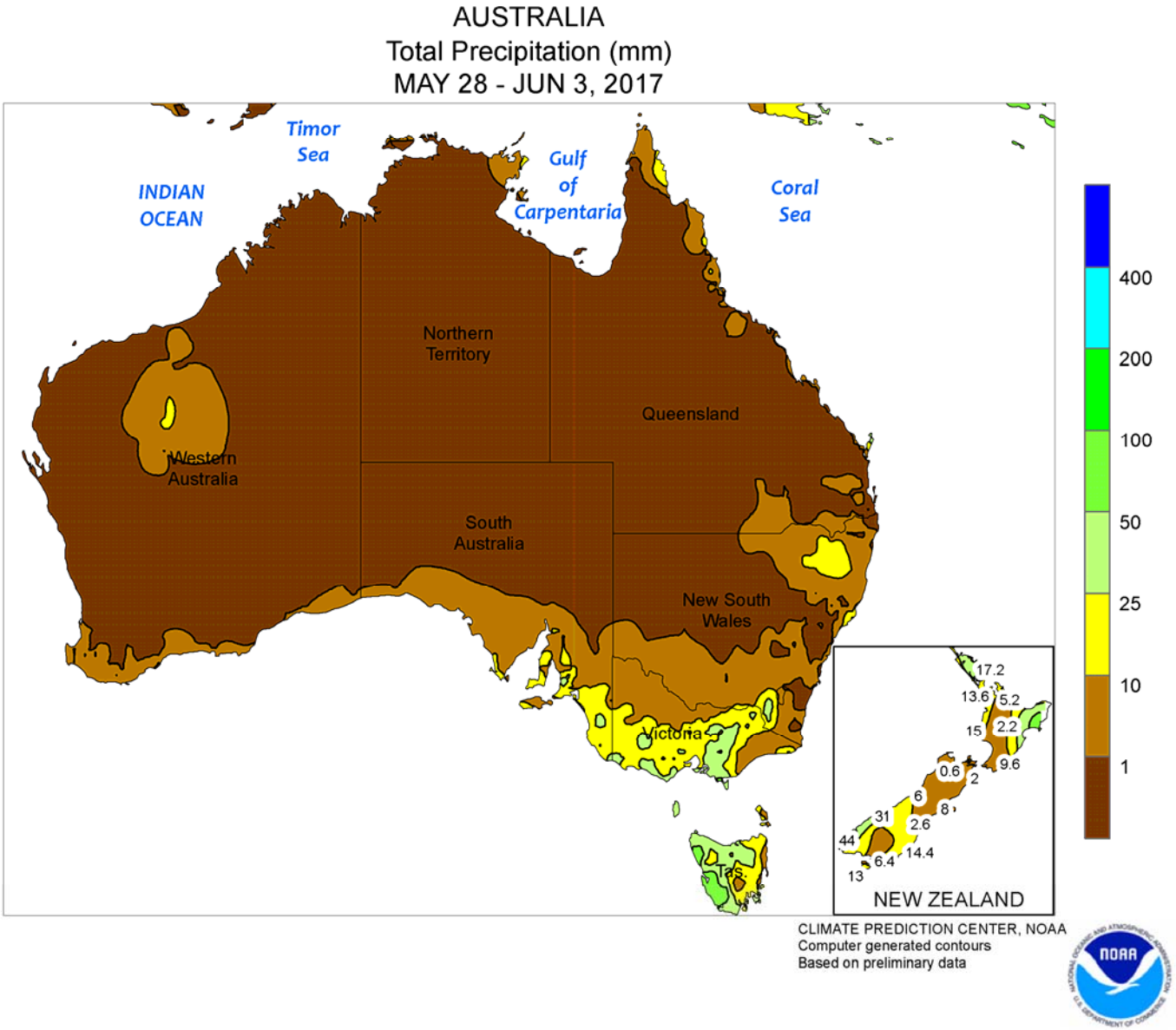



## SOUTHEAST ASIA

Monsoon showers (25-75 mm, locally over 100 mm) overspread the southern half of Indochina, covering most of Thailand, Cambodia, and southern sections of Vietnam. The rainfall maintained good moisture conditions for rice establishment and, in Thailand, marked the best start to the summer rainy season in the last 10 years. Above-average rainfall for the start of the summer wet season was also observed in the northern Philippines, with over 100 mm adding to the total during the recent week. Much of the Philippines have received near- to above-normal rainfall since May 1, including the typically drier eastern-most districts, keeping rice and other summer crops well watered. Meanwhile, showers (25-100 mm or more) in oil palm areas of Malaysia and Indonesia maintained good soil moisture and yield prospects.

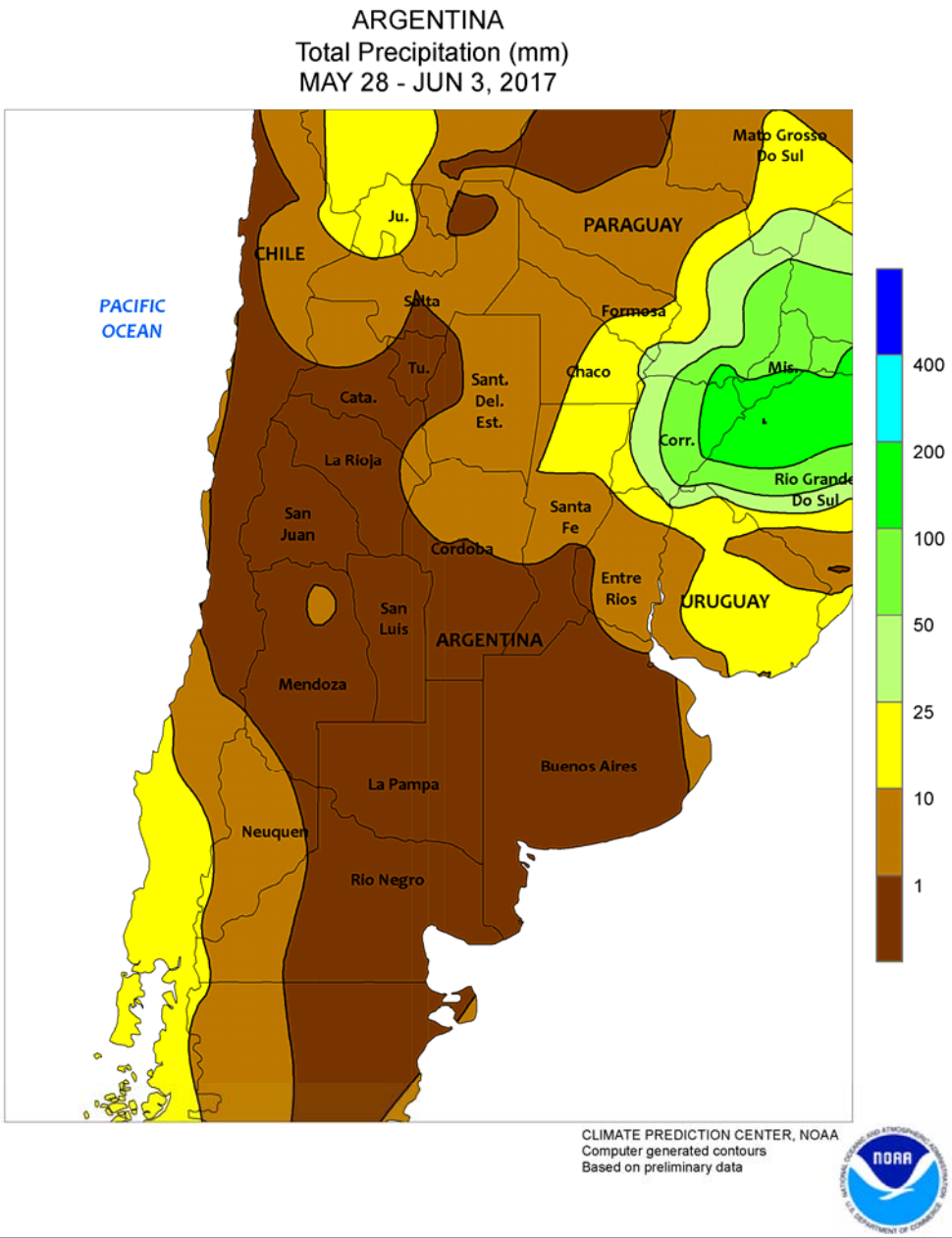
**For additional information contact:** mbrusberg@oce.usda.gov




## AUSTRALIA

Scattered, light showers (mostly less than 5 mm) fell across South Australia, northern Victoria, and southern New South Wales, providing little additional moisture for recently planted winter grains and oilseeds. In northern New South Wales, southern Queensland, and Western Australia, unfavorably dry weather hampered wheat, barley, and canola development. Although it is early in the growing season, more frequent, soaking rains are needed throughout a large portion of the wheat belt to promote winter crop germination, emergence, and establishment. In eastern Australia, the dry weather favored summer crop harvesting, which should be nearing completion in most areas. Temperatures in southern and eastern Australia averaged about 1 to 3ºC below normal, slowing crop development. In Western Australia, temperatures averaged about 1ºC above normal.

**For additional information contact:** mbrusberg@oce.usda.gov




## ARGENTINA

Dry weather continued to dominate much of the region, supporting summer crop harvesting and planting of winter grains. Little to no rain fell over the predominant farming areas of central Argentina (La Pampa, Buenos Aires, and southern parts of Cordoba, Santa Fe, and Entre Rios), continuing the recent pattern of favorable dryness. Similar conditions prevailed in the northwest (northern Cordoba northward through Salta and Jujuy), where winter wheat planting had reportedly been underway. In contrast, light to moderate showers (5-50 mm) lingered over the northeast, including eastern cotton areas from northern Santa Fe to Formosa. Weekly temperatures averaged 1 to 3°C below normal throughout the region, with nighttime lows dropping below freezing in farming areas from northern Cordoba to Jujuy, aiding defoliation of mature cotton. According to the government of Argentina, corn and soybeans were 46 and 84 percent harvested, respectively, as of June 1, slightly lagging last year's pace. Local problems with the cotton harvest due to lingering problems with wetness were noted. In addition, wheat was reportedly 8 percent planted nationally, with activity noted as far south as Buenos Aires.

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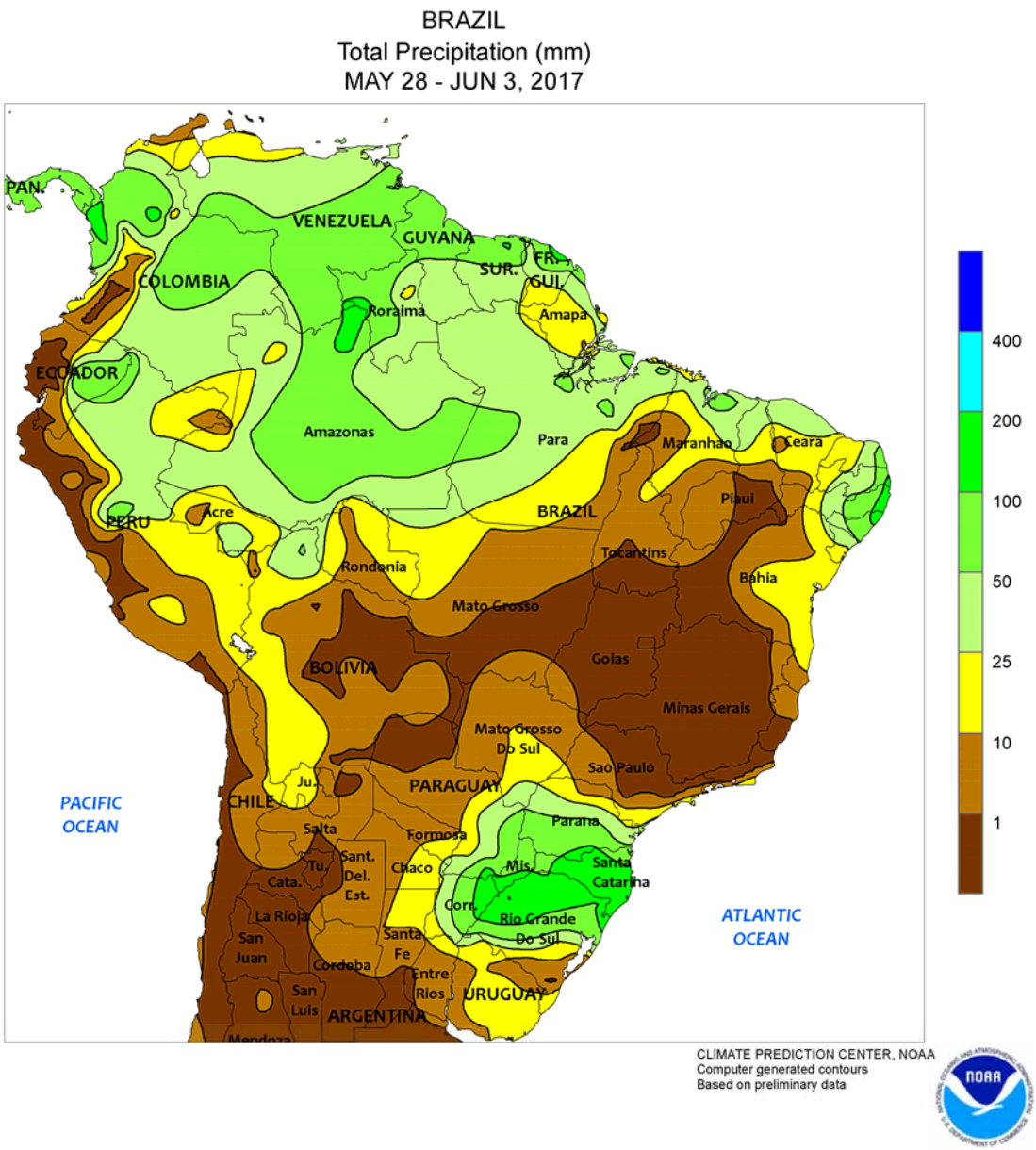
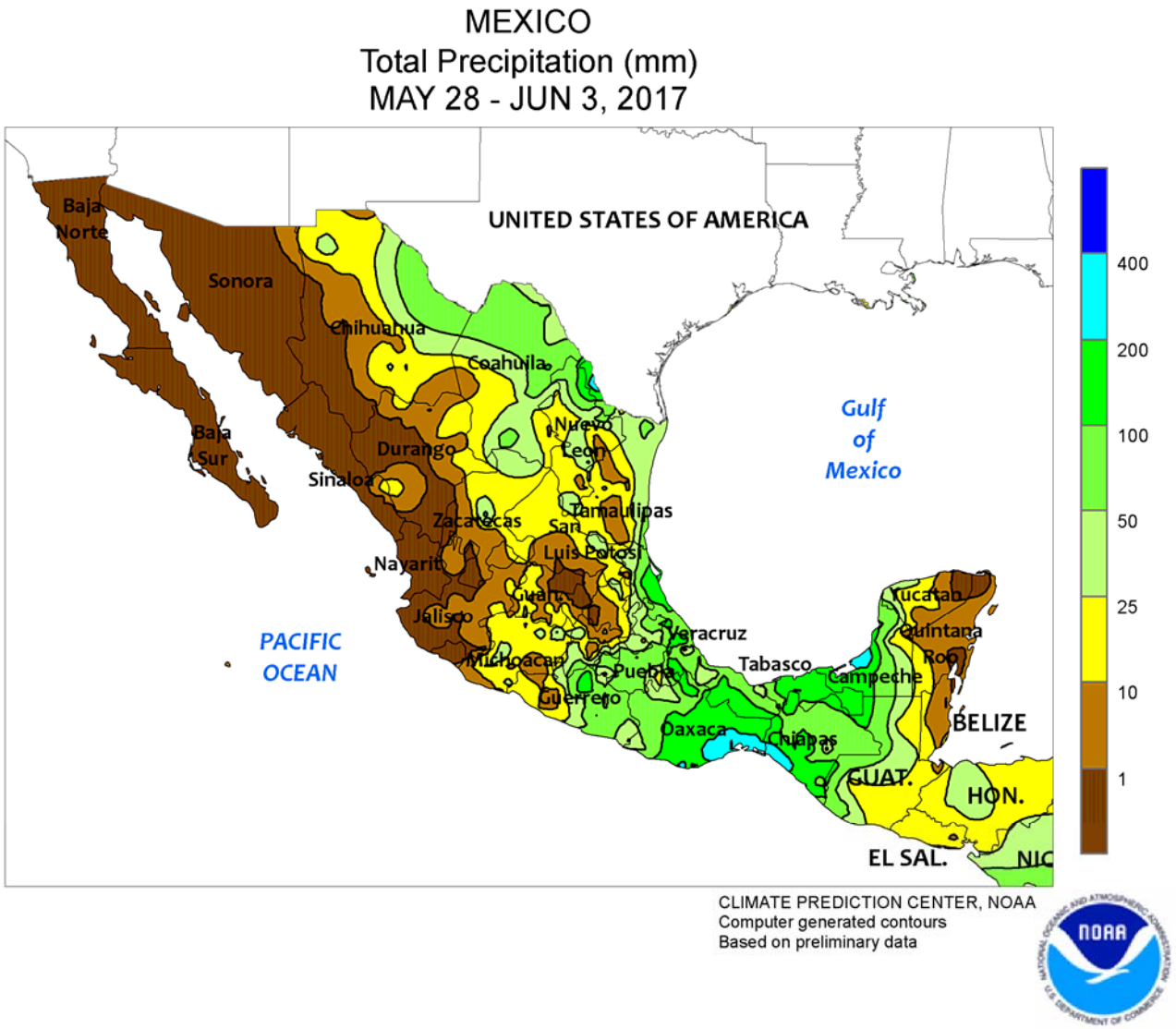



## BRAZIL

Seasonable dryness dominated much of central Brazil but beneficial showers continued in southern farming areas. Rainfall totaled 10 to 50 mm in Parana, with generally lighter amounts in neighboring Mato Grosso do Sul and Sao Paulo. According to the government of Parana, second-crop corn was mostly in the filling stage as of May 29, with 1 percent of the crop harvested. Additionally, wheat was 70 percent planted. Heavier rain (100-200 mm) persisted in northern Rio Grande do Sul, causing further delays in fieldwork; according to government reports, wheat planting had only reached 3 percent completion in the state as of May 25 versus an average of 30 percent. In contrast to the southern wetness, seasonably drier conditions dominated much of central Brazil. In Sao Paulo and Minas Gerais, the dryness was overall favorable for maturation and harvesting of sugarcane and coffee. Farther north, the dry weather — accompanied by dry-season heat (daytime highs reaching the upper 30s degrees C) — fostered rapid development of second-crop corn and cotton. Along the northeastern coast, seasonal rainfall (25-50 mm) was generally confined to Brazil's northeastern tip, with lighter amounts extending southward along coastal coffee areas in Bahia and Rio de Janeiro.

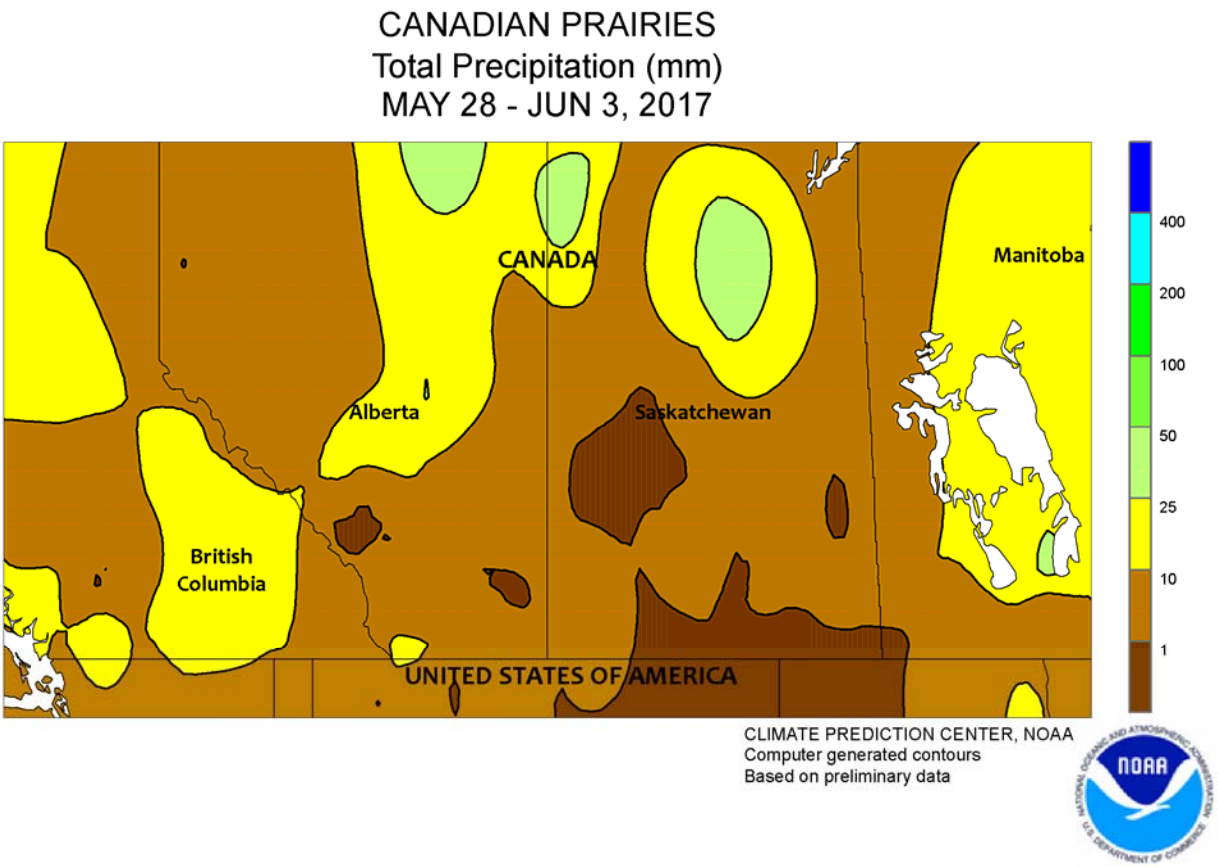
**For additional information contact:** mbrusberg@oce.usda.gov




## MEXICO

Seasonal showers intensified in many eastern agricultural districts but rainfall has so far failed to reach western sections of the southern plateau corn belt. Rainfall totaled more than 25 mm over many eastern corn areas, including the region in and around Puebla on the southern plateau and coastal farming areas stretching from Guerrero to Chiapas. Lighter rain (5-25 mm) fell to the north and west — including corn areas of northern Michoacan — but seasonal rainfall has not yet reached Jalisco, Mexico's largest summer producer of corn. Elsewhere in the east, moderate to heavy rainfall (25-50 mm, locally exceeding 100 mm) covered an area stretching from Veracruz northward to the Rio Grande Valley, boosting moisture for sugarcane and other rainfed summer crops, as well as improving local reservoir levels for irrigated crops and livestock. Meanwhile, seasonable warmth and dryness dominating the northwest fostered rapid maturation and drydown of winter crops, including wheat and corn.

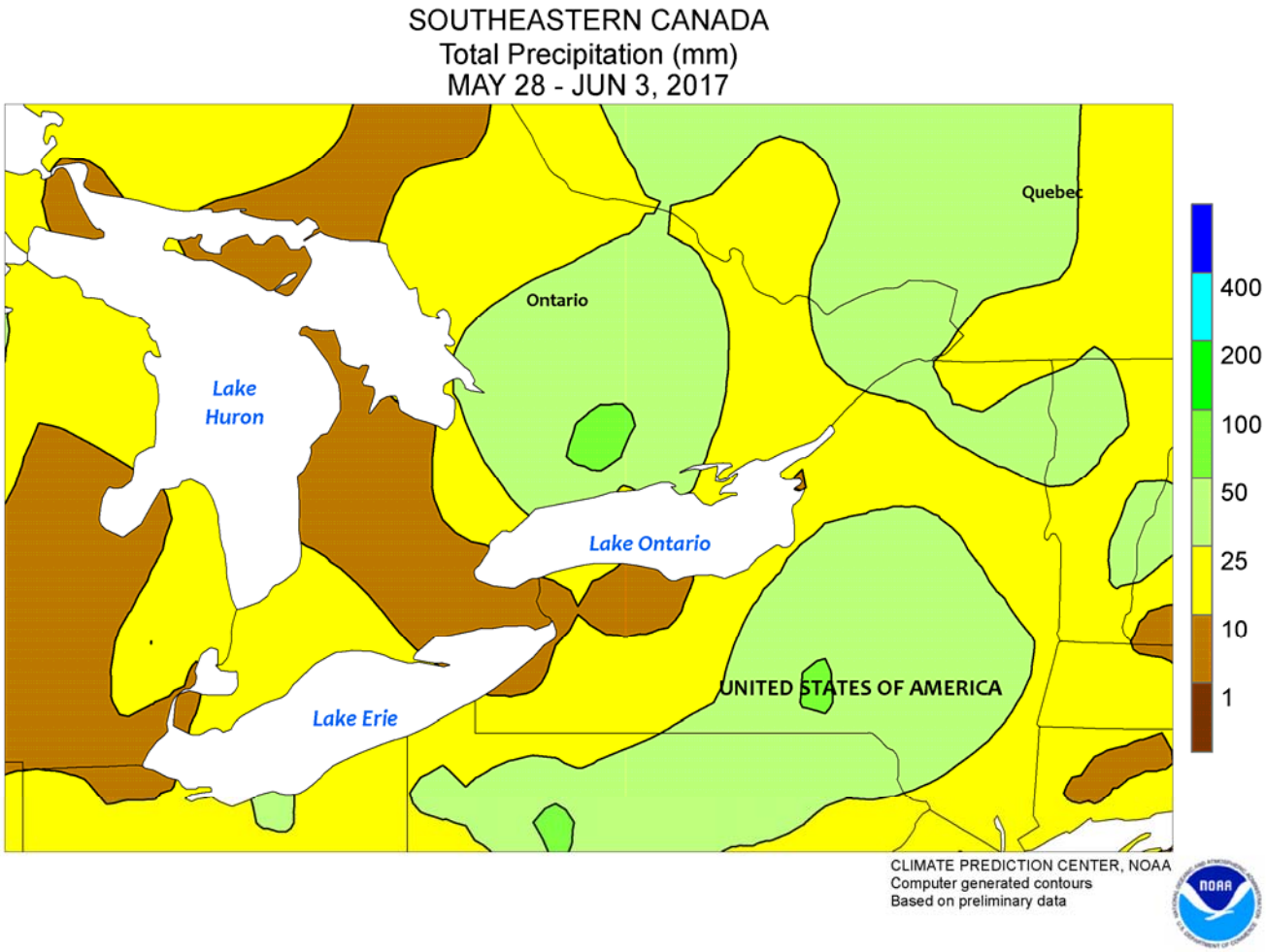
For additional information contact: mbrusberg@oce.usda.gov




## CANADIAN PRAIRIES

Mostly dry weather supported spring grain and oilseed planting, although fieldwork was behind schedule in some areas due to lingering excessive field wetness. Rainfall was generally scattered and light, with most locations recording less than 10 mm. Above-normal temperatures accompanied the drier pattern, with anomalies ranging from 1°C above normal in Manitoba to 3°C or more above normal in Alberta. High temperatures briefly reached 30°C in previously wet locations of northern Saskatchewan and eastern Alberta, assisting the process of drying fields. Patchy frost lingered over parts of Saskatchewan but likely had little significant impact on emerging canola and wheat. While planting conditions were overall improved, some farmers were still struggling with excessive moisture and fieldwork continued to lag the usual pace. For example, the government of Alberta reported that planting of all crops had reached 79 percent complete as of May 30, an increase of 22 points from the previous week but still well behind the 5-year average of 97 percent. Although not optimal, planting can last well into June, but crop insurance has been unavailable in recent years to farmers planting past the third week of the month.

**For additional information contact:** mbrusberg@oce.usda.gov




## SOUTHEASTERN CANADA

Mild, showery weather continued across the region, maintaining abundant to locally excessive levels of moisture for agriculture. Rainfall totaled 5 to 25 mm across Ontario, with a few spots recording 35 mm or more; somewhat wetter conditions (amounts ranging from 10-50 mm) were reported in Quebec. Weekly average temperatures were near to slightly above normal, with daytime highs reaching the middle and upper 20s (degrees C) on the warmest days. However, nighttime lows continued to fall into the single digits, slowing development of emerging corn and soybeans. According to the government of Ontario, lingering wetness has impacted both winter and summer crops; as of June 1, wheat was in or entering the heading stage but was showing signs of nitrogen leaching and was susceptible to pests and diseases. Similarly, corn replanting was noted for some areas and insect damage was identified locally. Soybeans were reportedly about 40 percent complete province-wide and farmers were encouraged to plant until the middle of June.

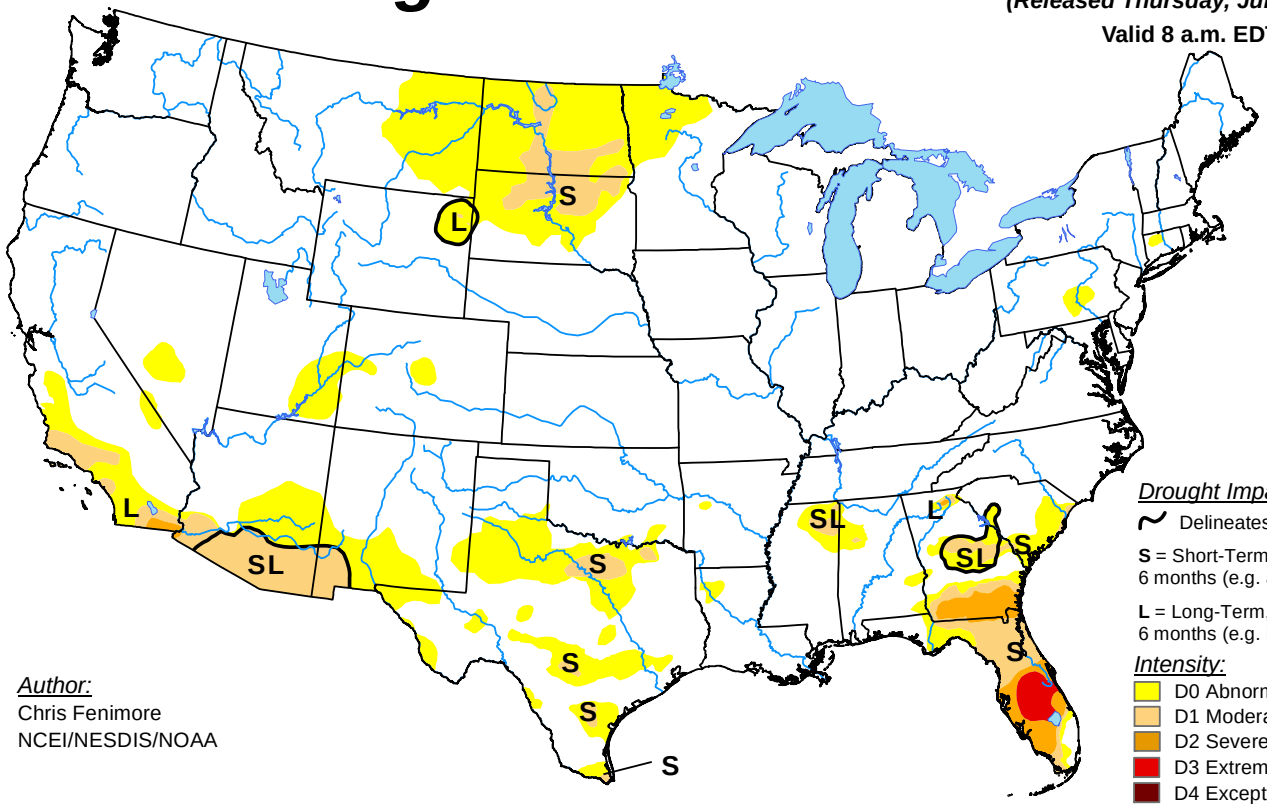
For additional information contact: mbrusberg@oce.usda.gov

# U.S. Drought Monitor

**May 30, 2017**

***(Released Thursday, Jun. 1, 2017)***

**Valid 8 a.m. EDT**





*Author:*
Chris Fenimore
NCEI/NESDIS/NOAA


*Drought Impact Types:*

Delineates dominant impacts

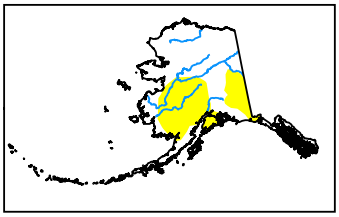
**S** = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)

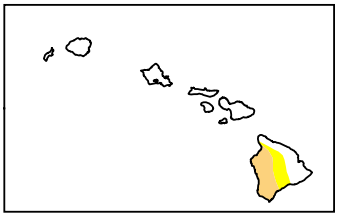
**L** = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

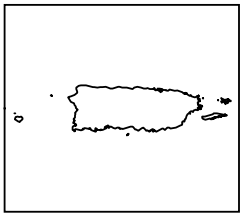
*Intensity:*

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

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*







**http://droughtmonitor.unl.edu/**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