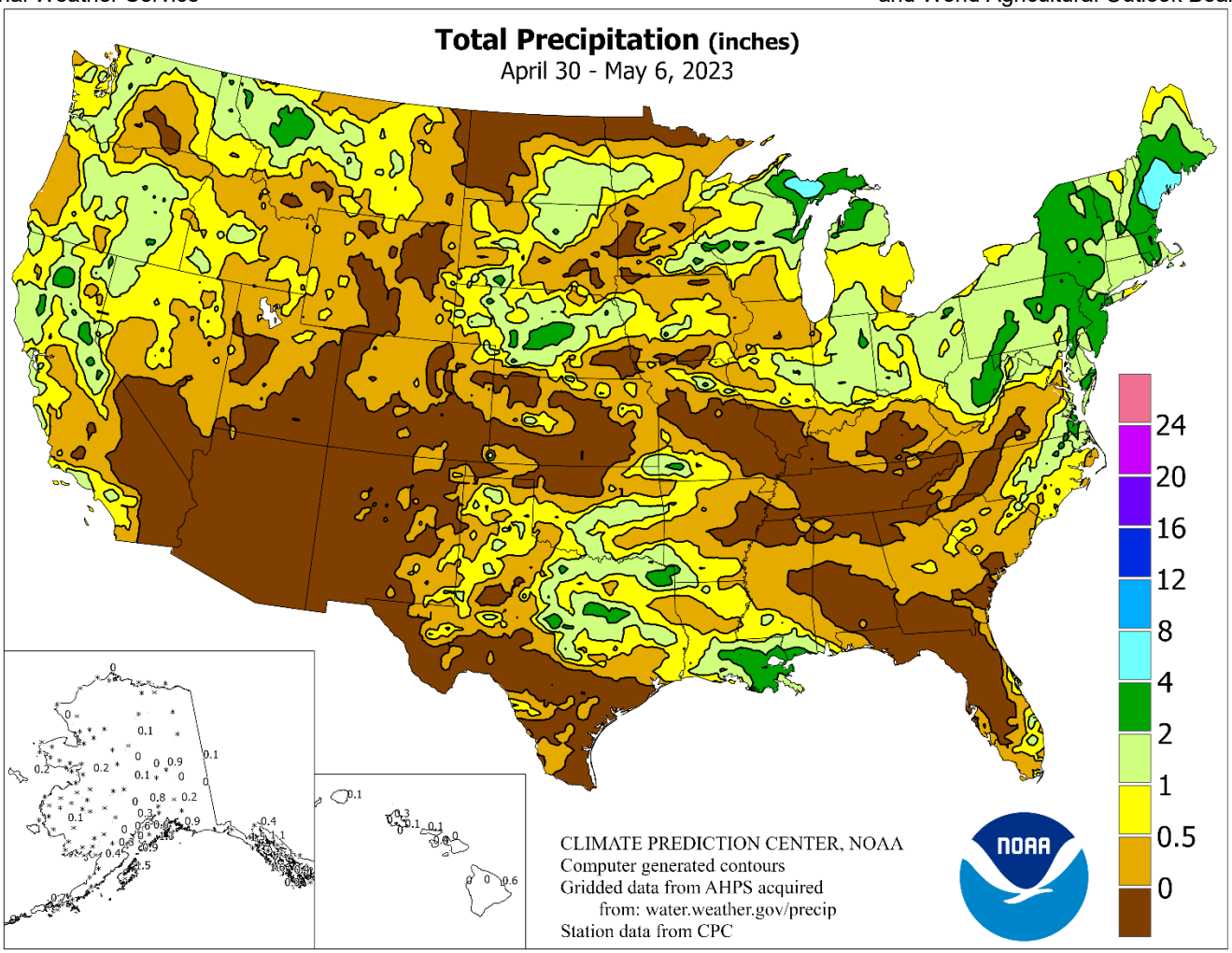
Volume 110, No. 19 www.usda.gov/oce/weather-drought-monitor May 9, 2023

# 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



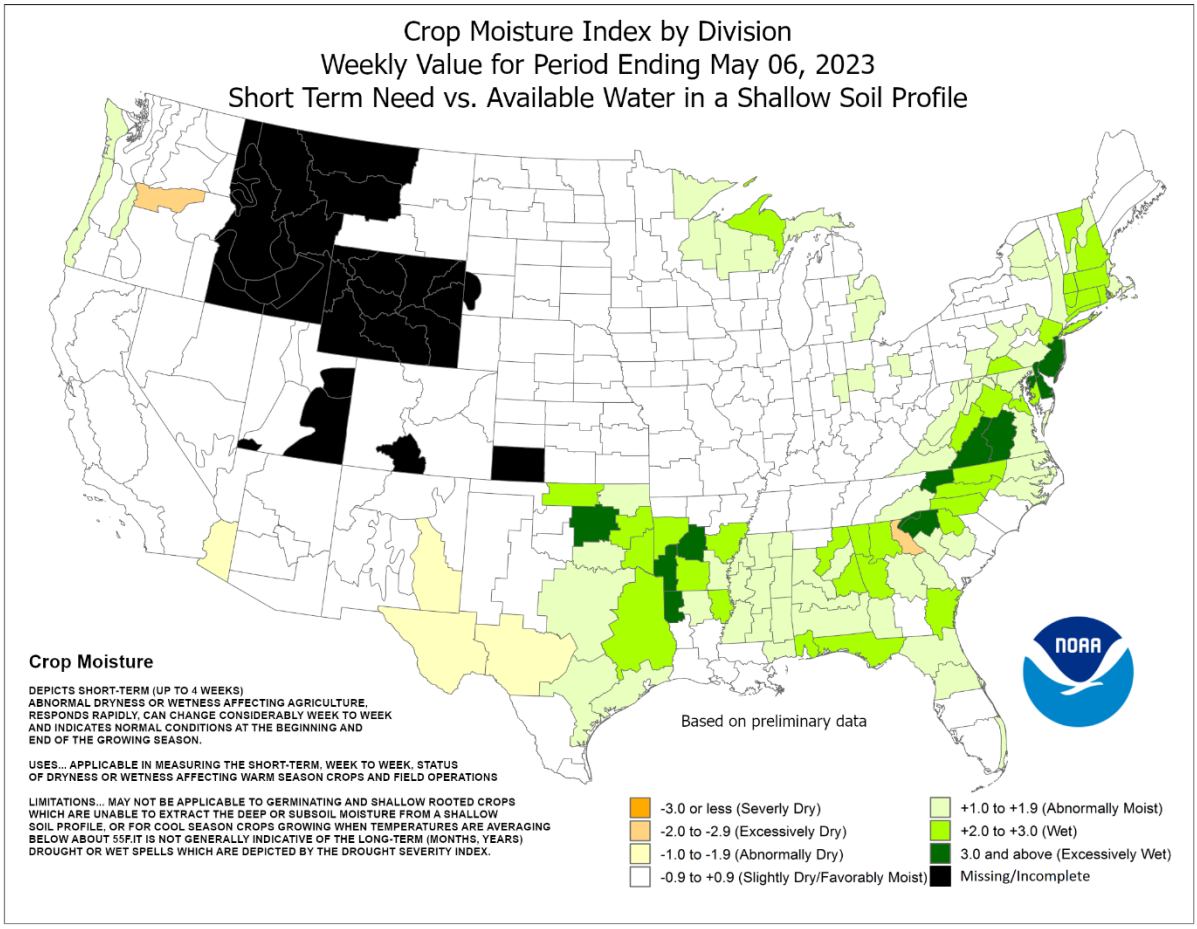

## HIGHLIGHTS
## April 30 – May 6, 2023

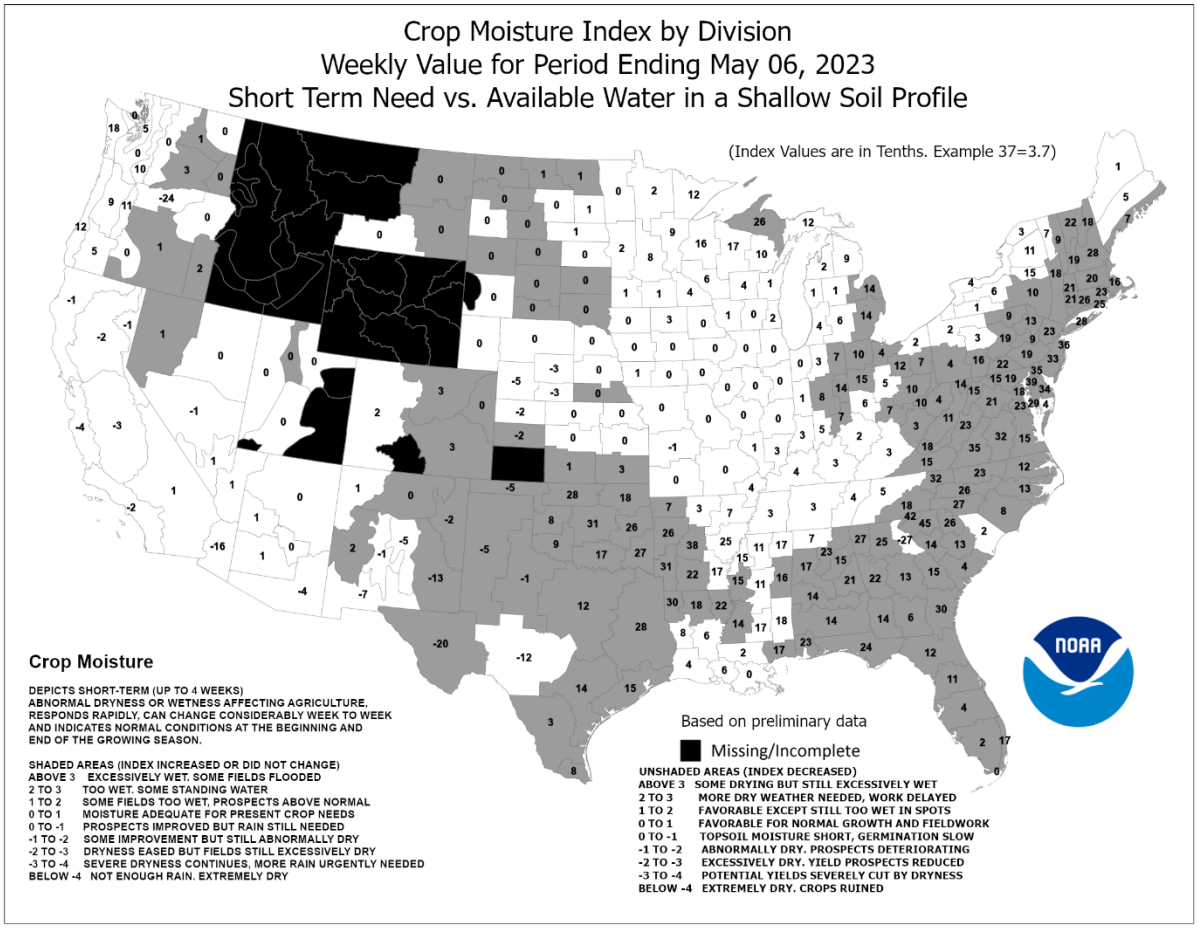
*Highlights provided by USDA/WAOB*

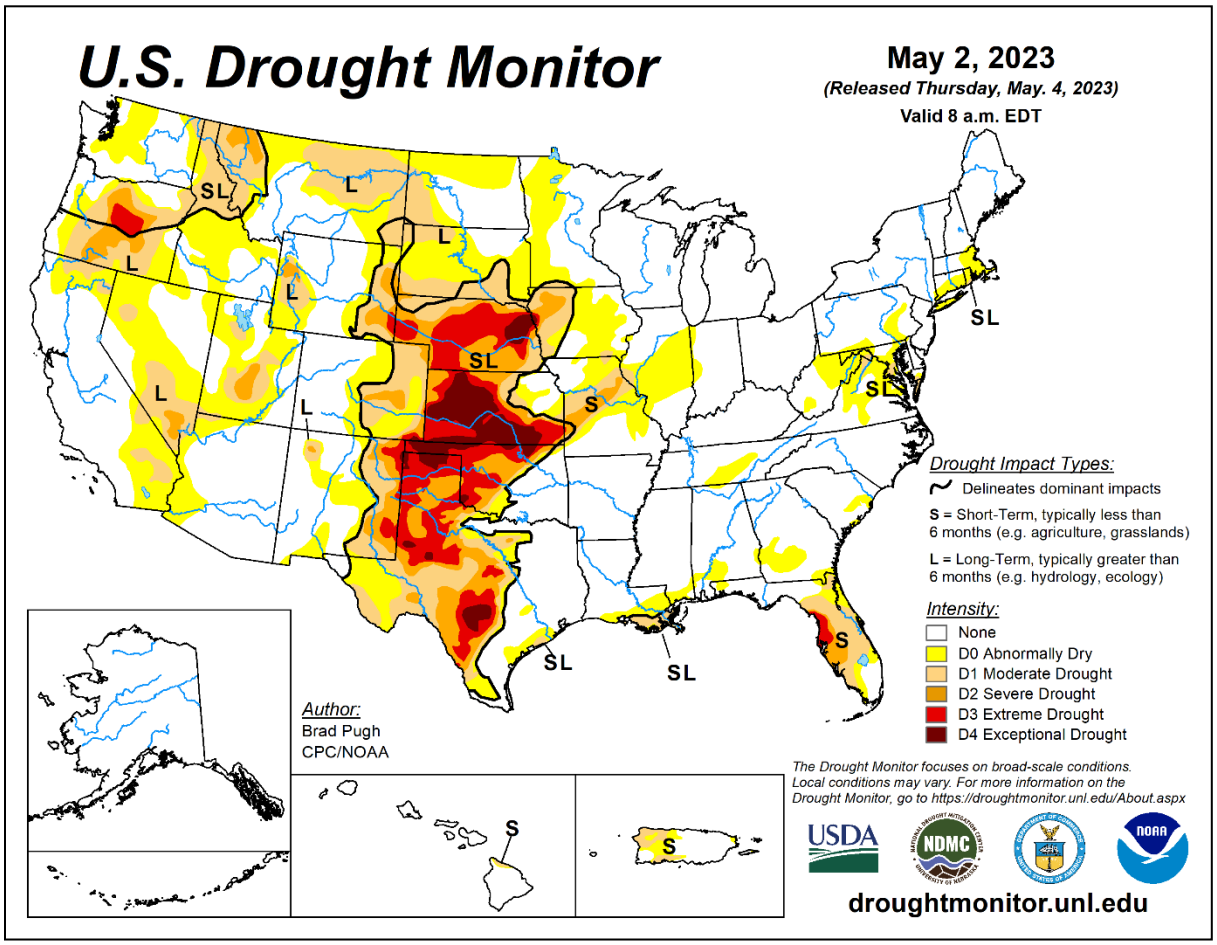
During the first few days of May, heavy precipitation was scarce and mostly limited to the **upper Great Lakes region** and the **Northeast**. However, portions of the **upper Great Lakes States** received heavy snow, while some **Northeastern** locations received rainfall totaling at least 2 to 4 inches. Several other areas, including **northern California**, the **Northwest**, the **northern and southern Plains**, and the **central Gulf Coast region**, reported variable precipitation. In the **nation's northwestern quadrant**, much of the precipitation fell

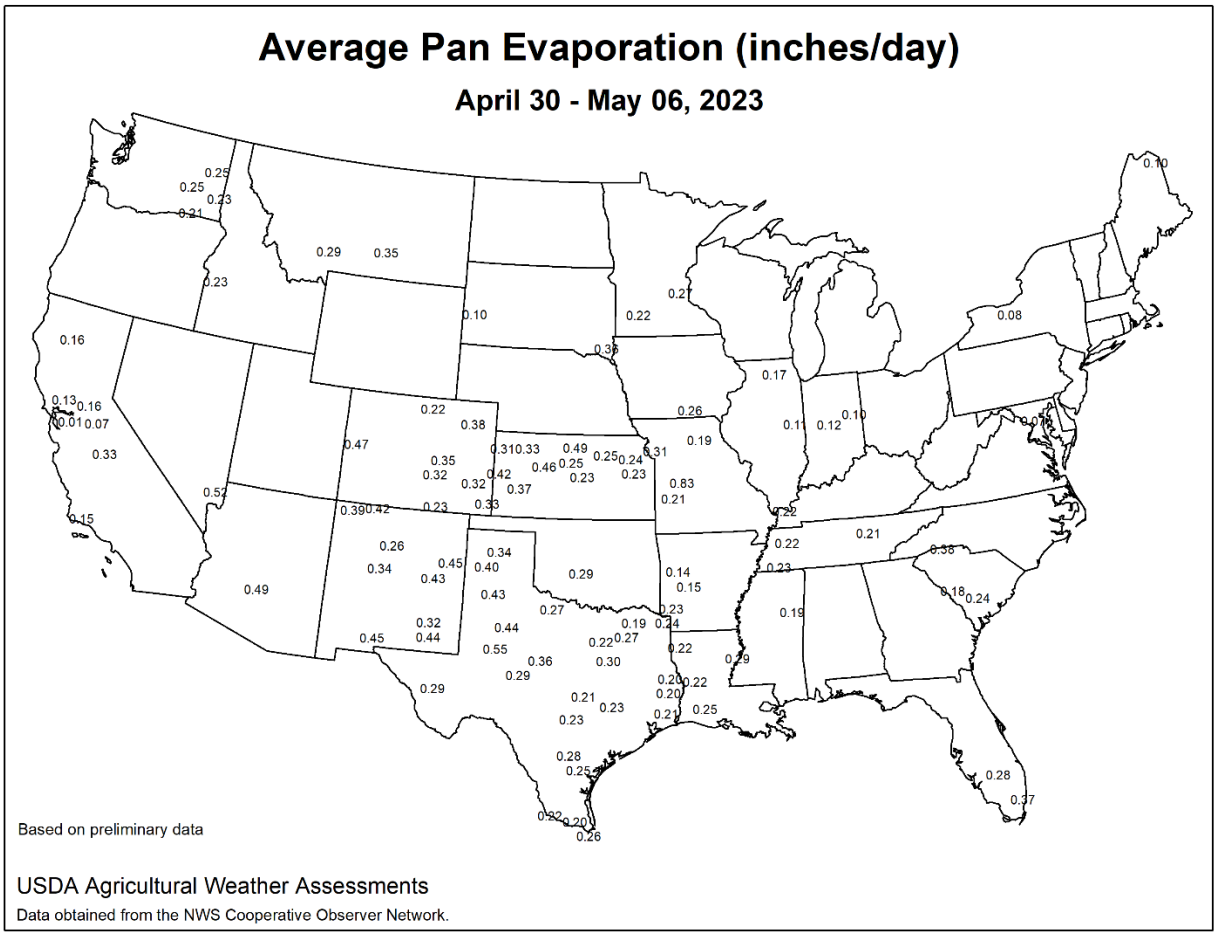
*(Continued on page 5)*

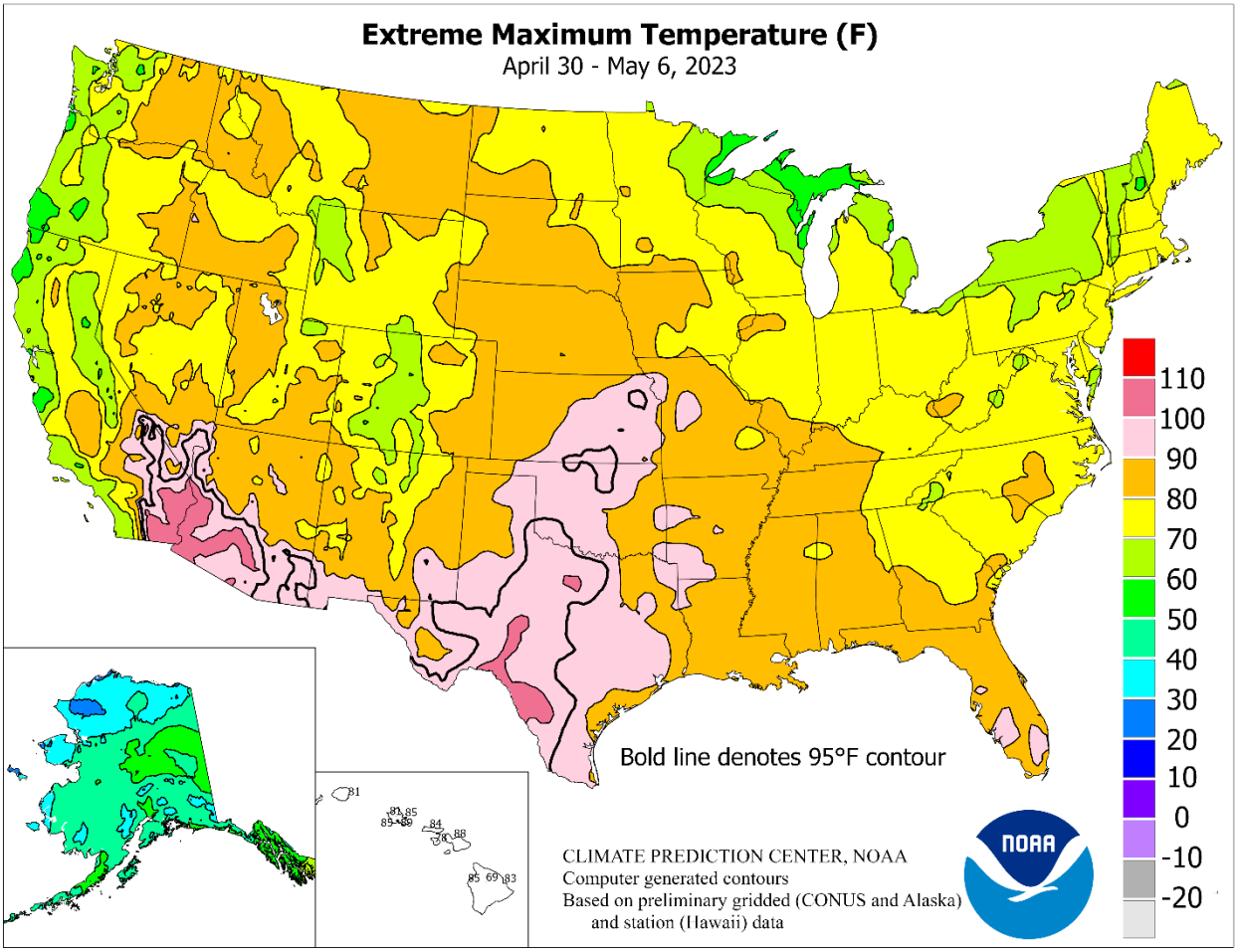
**Contents**

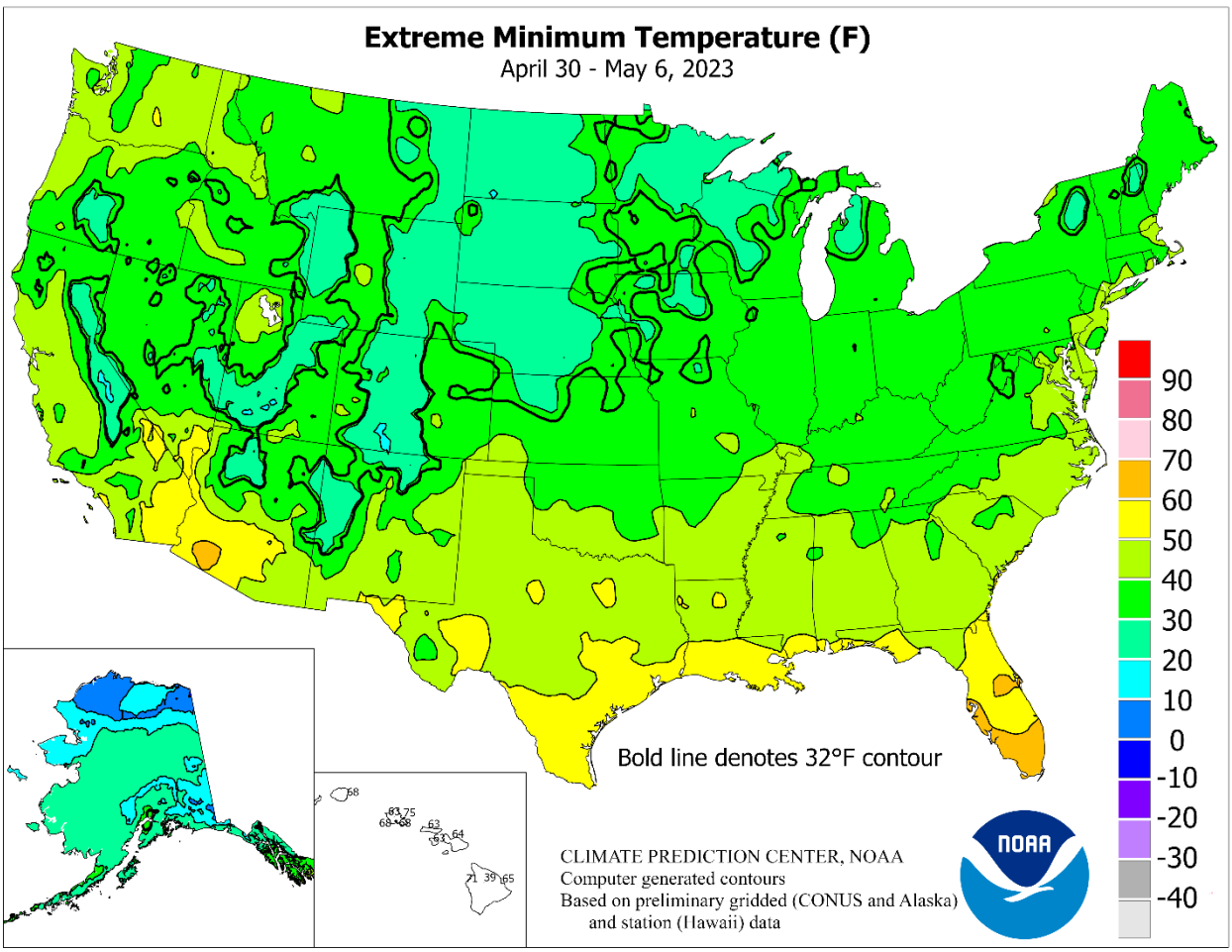

Crop Moisture Index by Division
Weekly Value for Period Ending May 06, 2023
Short Term Need vs. Available Water in a Shallow Soil Profile
Crop Moisture
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES 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
-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)
Missing/Incomplete


Crop Moisture Index by Division
Weekly Value for Period Ending May 06, 2023
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
Based on preliminary data
Missing/Incomplete
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


U.S. Drought Monitor
May 2, 2023
(Released Thursday, May. 4, 2023)
Valid 8 a.m. EDT
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:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Author:
Brad Pugh
CPC/NOAA
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx
droughtmonitor.unl.edu

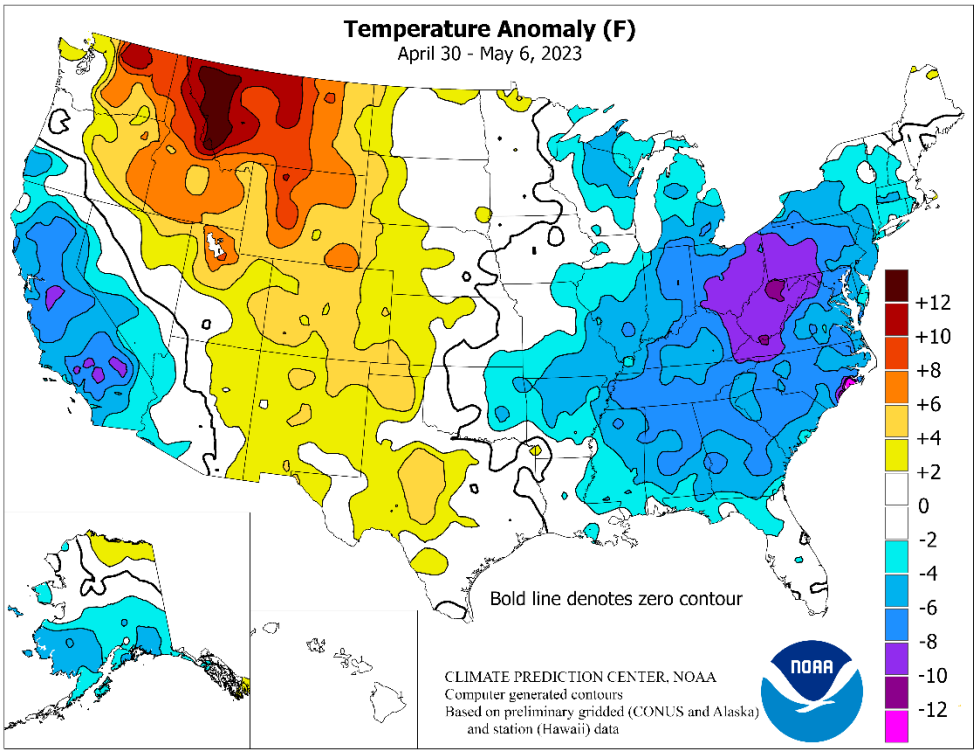

Average Pan Evaporation (inches/day)
April 30 - May 06, 2023
Based on preliminary data
USDA Agricultural Weather Assessments
Data obtained from the NWS Cooperative Observer Network.


Extreme Maximum Temperature (F)
April 30 - May 6, 2023
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA


Extreme Minimum Temperature (F)
April 30 - May 6, 2023
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA

*(Continued from front cover)*

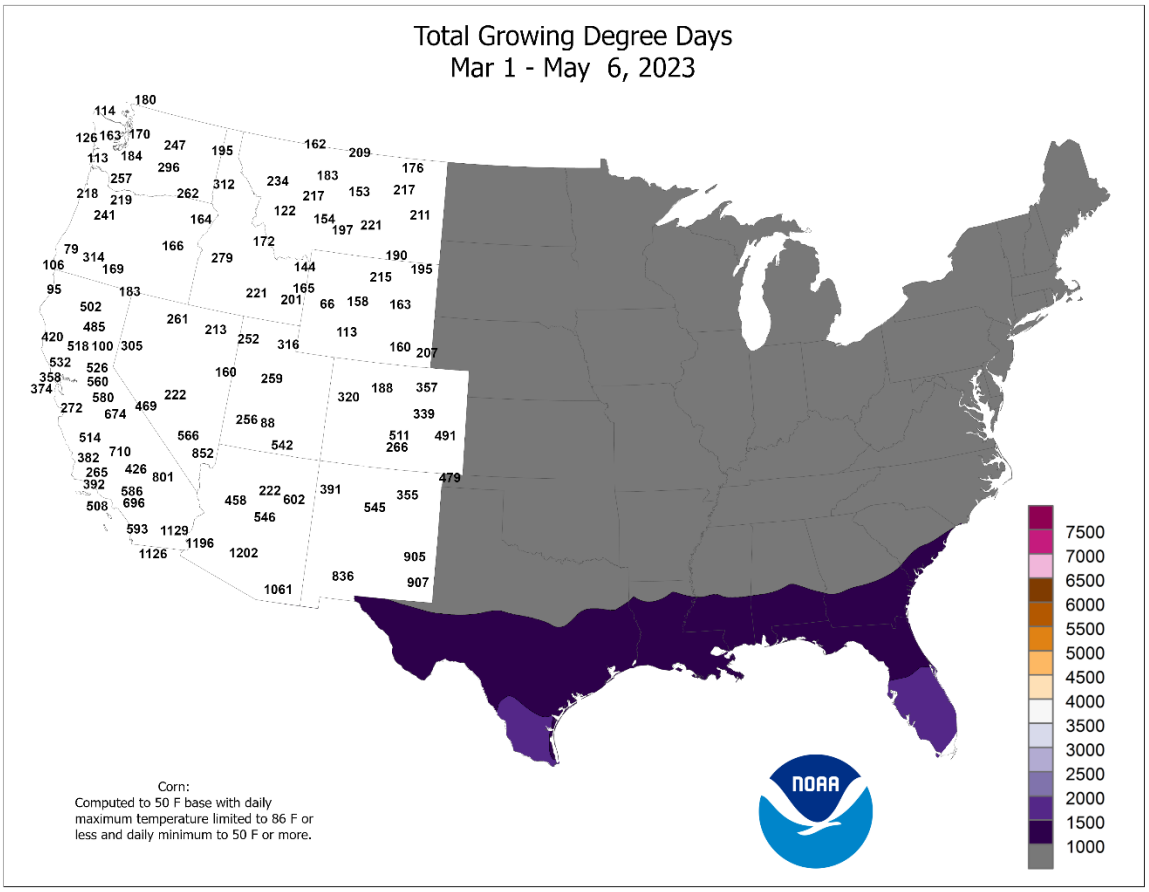
during the second half of the week. In contrast, little or no rain fell across much of the remainder of the country, including the **Southwest**, the **Tennessee Valley**, and the **southern Atlantic region**, favoring fieldwork and crop development. Generally cool conditions covered much of the **eastern one-third of the U.S.**, as well as **California** and environs. Weekly temperatures averaged 5 to 10°F below normal in parts of **California** and a large area encompassing the **central and southern Appalachians**, parts of the **Ohio Valley**, and the **Atlantic Coast States** from **Georgia to New Jersey**.

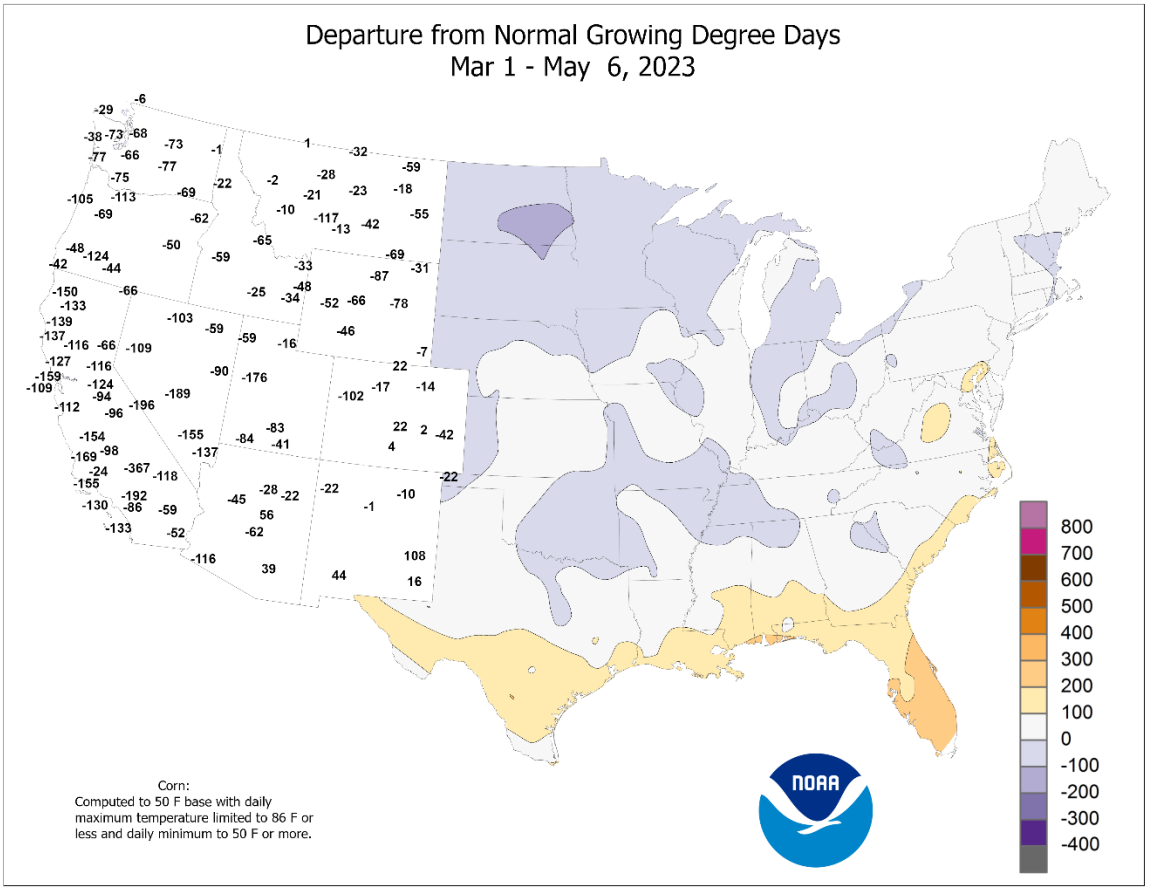


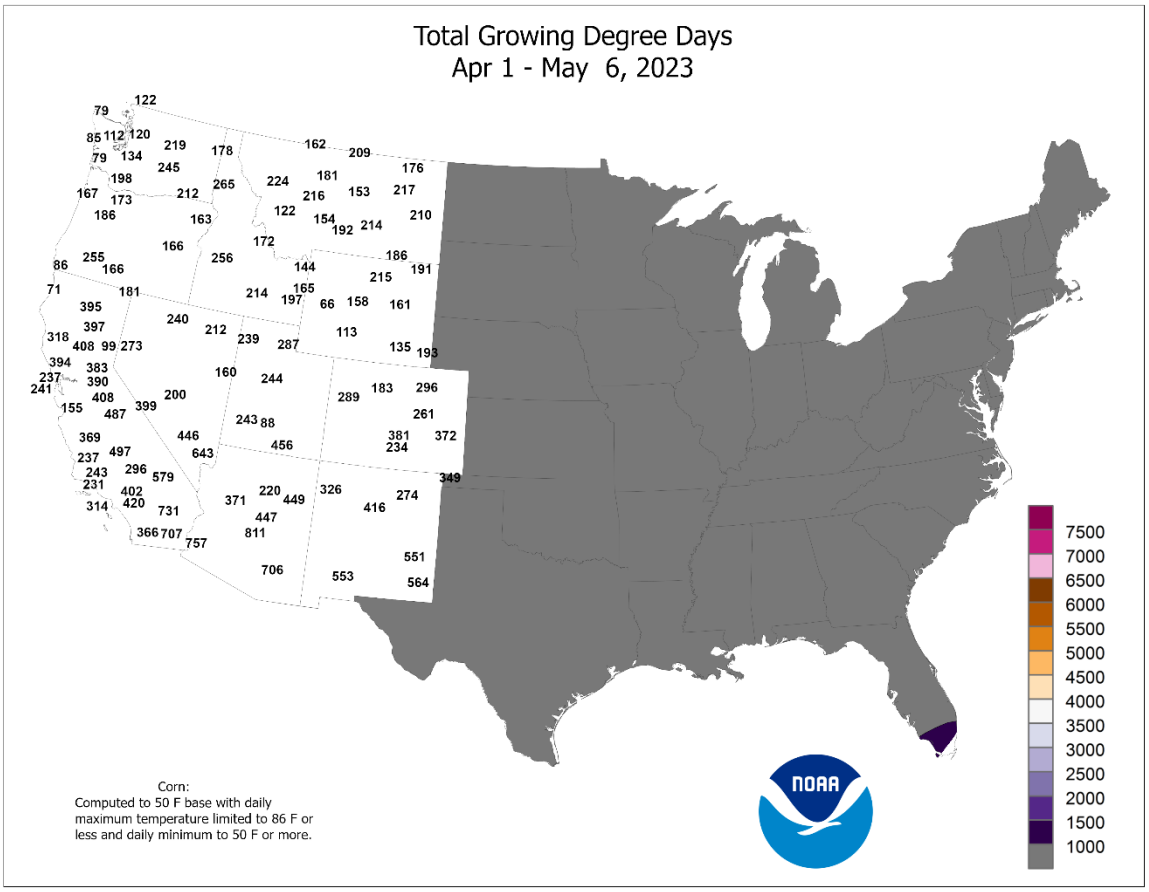

Early-week freezes were reported on the **Plains** as far south as **Nebraska** and **northern Kansas**. Freezes also affected parts of the **upper Midwest**. Although **North Platte, NE**, reported a May 1 low of 21°F, lower readings have occurred on that date in that location as recently as 1989. Winter wheat was not yet heading in freeze-affected areas, but producers monitored any blooming fruits or emerging summer crops for signs of injury. Elsewhere, scattered frost was reported in the **central and eastern Corn Belt**, with temperatures remaining mostly above 32°F. Frost was also noted in parts of the **interior Northeast** and as far south as the **Ohio Valley**. Daily-record lows were widely scattered but included 39°F (on May 2) in **Jackson, TN**, and 46°F (on May 3) in **Montgomery, AL**. Meanwhile, record-setting warmth stretched from the **Desert Southwest to the northern Rockies**. The last day of April featured daily-record highs in **Arizona** locations such as **Yuma** (103°F) and **Phoenix** (102°F). Elsewhere in **Arizona**, **Tucson's** high of 100°F (on April 30) marked the first triple-digit heat of the year—nearly 3 weeks earlier than the 1991-2020 normal date of May 18. Meanwhile, daily-record highs of 90°F occurred in **Northwestern** locations such as **Boise, ID** (on April 30), and **Missoula, MT** (on May 1). **Spokane, WA**, posted consecutive daily-record highs of 85°F on May 2-3. Late in the week, heat developed across the **south-central U.S.** By May 5, **Dallas-Fort Worth, TX**, tallied a daily-record high of 96°F. The following day, record-setting highs for May 6 included 98°F in **Topeka, KS**; 93°F in **Texarkana, AR**; and 91°F in **Kansas City, MO**.

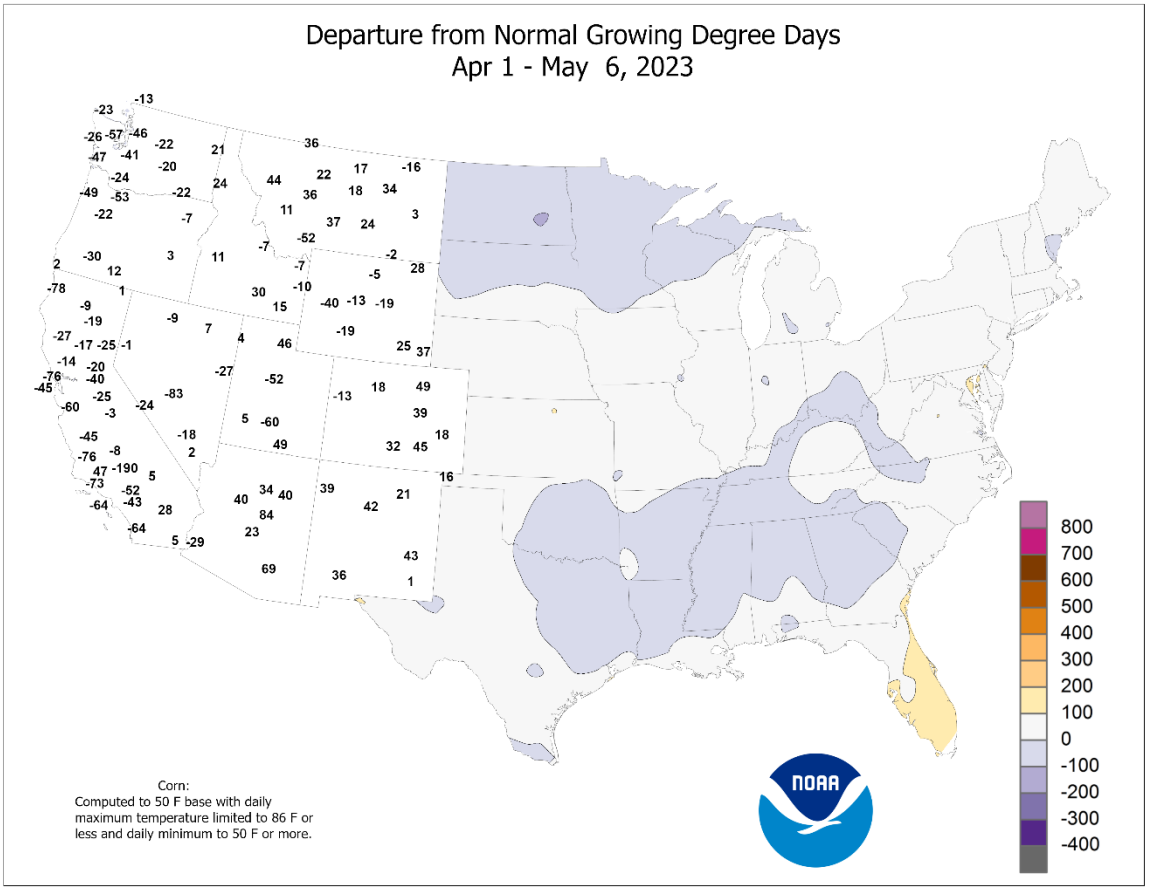
As April ended, a snow melt-induced crest on the **Mississippi River** was moving along the **Iowa-Illinois border**. A top-three crest was observed on April 29 in **Iowa** locations such as **Dubuque** (7.03 feet above flood stage) and **Bellevue** (4.78 feet above flood stage). The only higher crests in both locations occurred in April 1965 and 2001. By the time the water level peaked (6.06 feet above flood stage) in **Fulton, IL**, on April 30, it was a top-four crest, behind the high-water marks of April 1965 and 2001, along with July 1993. As runoff moved into drier areas of the **Midwest**, a top-seven crest was observed in **Rock Island, IL**, where the **Mississippi River** climbed 6.51 feet above flood stage on May 1. Meanwhile, the week began with separate areas of heavy precipitation hammering the **upper Great Lakes region** and the **Northeast**. In the latter area, daily-record rainfall totals for April 30 ranged from 2 to 3 inches or more in **Scranton, PA** (3.06 inches); **Augusta, ME** (3.00 inches); **Providence, RI** (2.49 inches); **Georgetown, DE** (2.40 inches); and **Binghamton, NY** (2.18 inches). Farther west, **Marquette, MI**, received 19.8 and 6.4 inches of snow, respectively, on May 1 and 2. Previously, **Marquette's** 1- and 2-day snowfall records during May were 14.2 inches on May 10, 1990, and 22.4 inches on May 9-10, 1990. In addition, **Marquette's** snowiest May on record had occurred in 1990, with 22.6 inches. By May 2, precipitation spreading inland across **northern California** and the **western Great Basin** led to daily-record totals in **Reno, NV** (0.68 inch), and **Montague, CA** (0.55 inch). **Reno**, with snowfall totaling 0.5 inch on May 3, reported its 40th day this season with measurable snow, well above the former record of 35 days, set in 1921-22. Early-May accumulations also occurred on some of the highest **Appalachian** peaks, with a trace noted on the 3rd in **West Virginia** locations such as **Charleston** and **Elkins**. During the mid- to late-week period, spotty showers on the **Plains** resulted in daily-record totals in **North Platte, NE** (1.47 inches on May 4), and **Borger, TX** (1.38 inches on May 3). **North Platte** had recently completed a record-dry April, tying 0.04 inch in 1928. In the **upper Midwest**, daily-record amounts reached 1.32 inches (on May 5) in **Eau Claire, WI**; 1.09 inches (on May 6) in **Jamestown, ND**; and 1.04 inches (on May 6) in **Mobridge, SD**. Late in the week, showery weather continued in the **Northwest** and briefly affected **southern California**. **Northwestern** daily-record totals topped an inch in **Burns, OR** (1.14 inches on May 5), and **Kalispell, MT** (1.14 inches on May 6). In **southern California**, record-breaking rainfall totals for May 4 reached 0.78 inch in **Burbank** and 0.52 inch in **Camarillo**. With a May 1-4 sum of 0.54 inch, the total (since July 1, 2022) in downtown **Los Angeles** climbed to 28.39 inches (204 percent of normal). In the history of **Los Angeles'** weather records, only seven July-June periods have featured higher totals: 1883-84, 1889-90, 1940-41, 1977-78, 1982-83, 1997-98, and 2004-05. Elsewhere, heavy showers spread into the **central Gulf Coast region**, where **Baton Rouge, LA**, collected a record-setting sum (2.63 inches) for May 5.

**Alaska** finally began to break out of its month-long cold spell, although weekly temperatures still averaged as much as 5°F below normal across the **southern half of the state**. Near- or slightly above-normal temperatures prevailed in **northern Alaska**. Meanwhile, significant precipitation fell in in parts of **southern Alaska**. On May 3, **Anchorage** netted a daily-record total of 0.57 inch, including 1.7 inches of snow. Meanwhile, **Yakutat** received precipitation totaling 3.06 inches during the first 4 days of May. Farther south, rainfall across **Hawaii** was minimal, even in typically wetter windward areas. On the **Big Island**, May 1-6 rainfall at **Hilo** totaled just 0.41 inch (27 percent of normal). No measurable rain fell during the first 6 days of May in **Honolulu, Oahu**, and **Kahului, Maui**.


Total Growing Degree Days
Mar 1 - May 6, 2023
Corn:
Computed to 50 F base with daily maximum temperature limited to 86 F or less and daily minimum to 50 F or more.
NOAA
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000


Departure from Normal Growing Degree Days
Mar 1 - May 6, 2023
Corn:
Computed to 50 F base with daily maximum temperature limited to 86 F or less and daily minimum to 50 F or more.
NOAA
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400


Total Growing Degree Days
Apr 1 - May 6, 2023
Corn:
Computed to 50 F base with daily maximum temperature limited to 86 F or less and daily minimum to 50 F or more.
NOAA
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000


Departure from Normal Growing Degree Days
Apr 1 - May 6, 2023
Corn:
Computed to 50 F base with daily maximum temperature limited to 86 F or less and daily minimum to 50 F or more.
NOAA
800
700
600
500
400
300
200
100
0
-100
-200
-300
-400

# National Weather Data for Selected Cities

## Weather Data for the Week Ending May 6, 2023

**Data Provided by Climate Prediction Center**

| 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 MAR 1 | PCT. NORMAL SINCE MAR 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 |
| AK | ANCHORAGE | 47 | 35 | 49 | 32 | 41 | -4 | 0.57 | 0.45 | 0.57 | 2.25 | 184 | 4.48 | 157 | 88 | 53 | 0 | 2 | 1 | 1 |
| | BARROW | 22 | 14 | 29 | 4 | 18 | 0 | 0.05 | 0.00 | 0.05 | 0.58 | 147 | 2.15 | 286 | 91 | 78 | 0 | 7 | 1 | 0 |
| | FAIRBANKS | 52 | 33 | 58 | 30 | 43 | -3 | 0.04 | -0.06 | 0.04 | 0.84 | 101 | 2.50 | 128 | 80 | 34 | 0 | 4 | 1 | 0 |
| | JUNEAU | 52 | 39 | 58 | 29 | 46 | 0 | 1.11 | 0.26 | 0.68 | 8.28 | 105 | 19.54 | 107 | 93 | 55 | 0 | 2 | 4 | 1 |
| | KODIAK | 44 | 36 | 48 | 30 | 40 | -4 | 1.48 | 0.17 | 0.35 | 4.99 | 41 | 15.77 | 59 | 92 | 68 | 0 | 1 | 7 | 0 |
| | NOME | 34 | 26 | 39 | 16 | 30 | -3 | 0.24 | 0.06 | 0.10 | 3.33 | 204 | 5.62 | 158 | 98 | 76 | 0 | 7 | 4 | 0 |
| AL | BIRMINGHAM | 74 | 51 | 82 | 44 | 62 | -6 | 1.29 | 0.17 | 1.22 | 11.24 | 96 | 23.07 | 106 | 81 | 31 | 0 | 0 | 2 | 1 |
| | HUNTSVILLE | 72 | 48 | 82 | 42 | 60 | -8 | 0.09 | -1.09 | 0.09 | 9.20 | 81 | 19.17 | 89 | 89 | 37 | 0 | 0 | 1 | 0 |
| | MOBILE | 81 | 58 | 84 | 50 | 69 | -2 | 1.41 | 0.25 | 1.35 | 14.99 | 123 | 22.05 | 99 | 89 | 37 | 0 | 0 | 2 | 1 |
| | MONTGOMERY | 78 | 51 | 84 | 46 | 64 | -6 | 0.39 | -0.42 | 0.39 | 10.00 | 101 | 18.29 | 94 | 89 | 34 | 0 | 0 | 1 | 0 |
| AR | FORT SMITH | 76 | 51 | 92 | 43 | 63 | -4 | 0.45 | -0.85 | 0.45 | 10.13 | 102 | 15.99 | 103 | 85 | 37 | 1 | 0 | 1 | 0 |
| | LITTLE ROCK | 78 | 52 | 91 | 46 | 65 | -1 | 0.05 | -1.26 | 0.05 | 18.21 | 156 | 31.84 | 166 | 78 | 34 | 1 | 0 | 1 | 0 |
| AZ | FLAGSTAFF | 64 | 32 | 76 | 28 | 48 | 0 | 0.00 | -0.18 | 0.00 | 7.26 | 247 | 16.11 | 225 | 66 | 21 | 0 | 5 | 0 | 0 |
| | PHOENIX | 90 | 66 | 102 | 61 | 78 | 0 | 0.00 | -0.02 | 0.00 | 1.44 | 134 | 2.81 | 100 | 37 | 12 | 3 | 0 | 0 | 0 |
| | PRESCOTT | 71 | 43 | 84 | 35 | 57 | 0 | 0.00 | -0.10 | 0.00 | 2.06 | 134 | 5.47 | 136 | 49 | 18 | 0 | 0 | 0 | 0 |
| | TUCSON | 89 | 59 | 100 | 53 | 74 | 1 | 0.00 | -0.03 | 0.00 | 0.66 | 79 | 2.96 | 117 | 38 | 10 | 1 | 0 | 0 | 0 |
| CA | BAKERSFIELD | 72 | 53 | 87 | 47 | 62 | -5 | 0.15 | 0.07 | 0.11 | 2.45 | 135 | 6.83 | 163 | 79 | 29 | 0 | 0 | 2 | 0 |
| | EUREKA | 54 | 46 | 57 | 43 | 50 | -3 | 0.71 | 0.22 | 0.28 | 10.49 | 107 | 20.35 | 92 | 95 | 84 | 0 | 0 | 5 | 0 |
| | FRESNO | 70 | 53 | 84 | 50 | 61 | -6 | 0.33 | 0.21 | 0.24 | 4.42 | 145 | 12.44 | 174 | 76 | 35 | 0 | 0 | 2 | 0 |
| | LOS ANGELES | 64 | 53 | 66 | 49 | 58 | -4 | 0.25 | 0.17 | 0.13 | 7.69 | 319 | 19.03 | 230 | 88 | 58 | 0 | 0 | 3 | 0 |
| | REDDING | 66 | 51 | 81 | 48 | 59 | -6 | 2.48 | 2.06 | 2.10 | 14.70 | 198 | 27.80 | 146 | 86 | 48 | 0 | 0 | 3 | 1 |
| | SACRAMENTO | 64 | 49 | 74 | 45 | 57 | -7 | 0.25 | 0.07 | 0.15 | 5.50 | 133 | 13.29 | 118 | 89 | 51 | 0 | 0 | 3 | 0 |
| | SAN DIEGO | 65 | 56 | 67 | 53 | 61 | -4 | 0.08 | 0.00 | 0.06 | 4.12 | 188 | 11.02 | 173 | 79 | 54 | 0 | 0 | 2 | 0 |
| | SAN FRANCISCO | 60 | 52 | 62 | 50 | 56 | -3 | 0.71 | 0.57 | 0.41 | 7.37 | 175 | 19.89 | 164 | 86 | 62 | 0 | 0 | 5 | 0 |
| | STOCKTON | 65 | 49 | 71 | 45 | 57 | -8 | 0.33 | 0.17 | 0.19 | 5.67 | 180 | 13.27 | 159 | 88 | 49 | 0 | 0 | 4 | 0 |
| CO | ALAMOSA | 71 | 32 | 75 | 27 | 51 | 4 | 0.00 | -0.14 | 0.00 | 0.44 | 36 | 1.11 | 61 | 67 | 13 | 0 | 4 | 0 | 0 |
| | CO SPRINGS | 71 | 43 | 75 | 38 | 57 | 5 | 0.00 | -0.40 | 0.00 | 1.54 | 59 | 2.43 | 76 | 66 | 19 | 0 | 0 | 0 | 0 |
| | DENVER INTL | 74 | 41 | 79 | 35 | 58 | 6 | 0.02 | -0.46 | 0.02 | 1.25 | 42 | 2.72 | 73 | 74 | 19 | 0 | 0 | 1 | 0 |
| | GRAND JUNCTION | 76 | 49 | 82 | 40 | 62 | 5 | 0.00 | -0.22 | 0.00 | 2.45 | 124 | 3.83 | 123 | 53 | 16 | 0 | 0 | 0 | 0 |
| | PUEBLO | 78 | 46 | 84 | 41 | 62 | 6 | 0.00 | -0.39 | 0.00 | 2.42 | 89 | 3.04 | 91 | 66 | 17 | 0 | 0 | 0 | 0 |
| CT | BRIDGEPORT | 60 | 47 | 74 | 43 | 53 | -3 | 0.70 | -0.15 | 0.56 | 7.88 | 87 | 14.09 | 92 | 92 | 54 | 0 | 0 | 4 | 1 |
| | HARTFORD | 62 | 42 | 75 | 39 | 52 | -4 | 2.18 | 1.31 | 1.54 | 10.71 | 127 | 18.26 | 123 | 95 | 49 | 0 | 0 | 5 | 1 |
| DC | WASHINGTON | 65 | 49 | 75 | 47 | 57 | -7 | 0.52 | -0.34 | 0.51 | 5.07 | 68 | 8.74 | 67 | 79 | 43 | 0 | 0 | 2 | 1 |
| DE | WILMINGTON | 64 | 46 | 75 | 41 | 55 | -5 | 0.89 | 0.11 | 0.73 | 6.81 | 81 | 10.86 | 75 | 89 | 43 | 0 | 0 | 4 | 1 |
| FL | DAYTONA BEACH | 83 | 62 | 87 | 56 | 73 | -1 | 0.85 | 0.33 | 0.43 | 7.15 | 113 | 9.10 | 79 | 90 | 38 | 0 | 0 | 2 | 0 |
| | JACKSONVILLE | 82 | 56 | 85 | 49 | 69 | -3 | 0.48 | -0.10 | 0.43 | 5.54 | 82 | 8.85 | 68 | 91 | 36 | 0 | 0 | 2 | 0 |
| | KEY WEST | 86 | 73 | 87 | 69 | 79 | -1 | 0.02 | -0.49 | 0.02 | 1.94 | 48 | 2.03 | 27 | 84 | 55 | 0 | 0 | 1 | 0 |
| | MIAMI | 88 | 71 | 91 | 69 | 80 | 1 | 0.12 | -0.79 | 0.12 | 12.76 | 192 | 16.39 | 154 | 80 | 41 | 2 | 0 | 1 | 0 |
| | ORLANDO | 86 | 64 | 88 | 61 | 75 | -1 | 0.39 | -0.24 | 0.39 | 3.65 | 59 | 5.19 | 48 | 86 | 37 | 0 | 0 | 1 | 0 |
| | PENSACOLA | 81 | 62 | 84 | 56 | 72 | -1 | 0.40 | -0.51 | 0.40 | 9.76 | 84 | 16.13 | 75 | 85 | 36 | 0 | 0 | 1 | 0 |
| | TALLAHASSEE | 84 | 56 | 87 | 48 | 70 | -2 | 0.25 | -0.34 | 0.24 | 6.68 | 72 | 17.24 | 96 | 90 | 31 | 0 | 0 | 2 | 0 |
| | TAMPA | 84 | 68 | 89 | 64 | 76 | -1 | 0.55 | 0.03 | 0.43 | 1.67 | 30 | 3.66 | 34 | 82 | 43 | 0 | 0 | 2 | 0 |
| | WEST PALM BEACH | 85 | 68 | 89 | 65 | 76 | -1 | 1.01 | 0.29 | 1.01 | 11.23 | 147 | 12.55 | 91 | 88 | 48 | 0 | 0 | 1 | 1 |
| GA | ATHENS | 72 | 47 | 76 | 38 | 59 | -8 | 1.07 | 0.35 | 1.05 | 10.18 | 119 | 22.19 | 128 | 84 | 35 | 0 | 0 | 2 | 1 |
| | ATLANTA | 72 | 52 | 76 | 48 | 62 | -6 | 1.16 | 0.33 | 1.15 | 9.70 | 105 | 19.18 | 104 | 74 | 34 | 0 | 0 | 2 | 1 |
| | AUGUSTA | 75 | 48 | 76 | 40 | 62 | -8 | 0.50 | -0.08 | 0.46 | 10.72 | 143 | 22.49 | 149 | 89 | 33 | 0 | 0 | 2 | 0 |
| | COLUMBUS | 77 | 51 | 82 | 45 | 64 | -7 | 0.63 | -0.12 | 0.62 | 7.62 | 79 | 16.24 | 88 | 84 | 32 | 0 | 0 | 2 | 1 |
| | MACON | 77 | 48 | 80 | 41 | 63 | -7 | 0.30 | -0.27 | 0.30 | 8.36 | 99 | 19.33 | 114 | 91 | 34 | 0 | 0 | 1 | 0 |
| | SAVANNAH | 77 | 54 | 80 | 49 | 65 | -6 | 0.27 | -0.40 | 0.23 | 6.16 | 82 | 13.35 | 98 | 80 | 32 | 0 | 0 | 2 | 0 |
| HI | HILO | 82 | 67 | 83 | 65 | 74 | 1 | 0.59 | -1.17 | 0.25 | 16.95 | 71 | 55.50 | 133 | 92 | 59 | 0 | 0 | 6 | 0 |
| | HONOLULU | 85 | 72 | 89 | 68 | 78 | 1 | 0.00 | -0.17 | 0.00 | 4.87 | 148 | 8.41 | 119 | 84 | 53 | 0 | 0 | 0 | 0 |
| | KAHULUI | 86 | 69 | 88 | 64 | 77 | 1 | 0.00 | -0.24 | 0.00 | 2.78 | 66 | 8.57 | 99 | 83 | 46 | 0 | 0 | 0 | 0 |
| | LIHUE | 81 | 72 | 81 | 68 | 76 | 1 | 0.13 | -0.41 | 0.06 | 10.98 | 135 | 24.56 | 169 | 88 | 68 | 0 | 0 | 3 | 0 |
| IA | BURLINGTON | 67 | 44 | 78 | 36 | 56 | -3 | 0.45 | -0.66 | 0.45 | 4.48 | 61 | 8.46 | 81 | 71 | 35 | 0 | 0 | 1 | 0 |
| | CEDAR RAPIDS | 68 | 41 | 79 | 33 | 54 | -1 | 0.77 | -0.14 | 0.76 | 2.61 | 41 | 5.70 | 67 | 78 | 31 | 0 | 0 | 2 | 1 |
| | DES MOINES | 69 | 45 | 80 | 33 | 57 | -1 | 0.25 | -0.92 | 0.25 | 4.12 | 57 | 7.73 | 80 | 74 | 33 | 0 | 0 | 1 | 0 |
| | DUBUQUE | 65 | 42 | 75 | 35 | 53 | -1 | 0.21 | -0.72 | 0.20 | 3.57 | 50 | 8.72 | 87 | 82 | 42 | 0 | 0 | 2 | 0 |
| | SIOUX CITY | 69 | 42 | 86 | 30 | 56 | 1 | 1.58 | 0.80 | 0.96 | 3.95 | 71 | 6.68 | 93 | 84 | 39 | 0 | 1 | 3 | 2 |
| | WATERLOO | 69 | 42 | 82 | 28 | 56 | -1 | 0.59 | -0.39 | 0.55 | 3.49 | 51 | 7.70 | 85 | 72 | 32 | 0 | 1 | 2 | 1 |
| ID | BOISE | 76 | 51 | 90 | 44 | 64 | 8 | 0.16 | -0.16 | 0.10 | 2.96 | 104 | 4.03 | 76 | 67 | 25 | 1 | 0 | 2 | 0 |
| | LEWISTON | 75 | 53 | 90 | 49 | 64 | 8 | 0.44 | 0.10 | 0.35 | 2.44 | 80 | 3.16 | 60 | 76 | 38 | 1 | 0 | 3 | 0 |
| | POCATELLO | 74 | 39 | 84 | 32 | 57 | 7 | 0.30 | 0.01 | 0.27 | 2.65 | 99 | 4.52 | 95 | 77 | 23 | 0 | 1 | 2 | 0 |
| IL | CHICAGO/O_HARE | 63 | 45 | 78 | 38 | 54 | -2 | 0.20 | -0.82 | 0.12 | 5.79 | 81 | 12.08 | 109 | 72 | 42 | 0 | 0 | 3 | 0 |
| | MOLINE | 70 | 45 | 83 | 36 | 58 | 0 | 0.02 | -1.00 | 0.01 | 3.69 | 50 | 9.32 | 86 | 72 | 31 | 0 | 0 | 2 | 0 |
| | PEORIA | 67 | 46 | 78 | 39 | 56 | -3 | 0.17 | -0.87 | 0.15 | 6.43 | 84 | 11.28 | 97 | 78 | 33 | 0 | 0 | 2 | 0 |
| | ROCKFORD | 65 | 42 | 79 | 35 | 53 | -2 | 0.16 | -0.70 | 0.13 | 5.95 | 86 | 11.59 | 114 | 79 | 41 | 0 | 0 | 2 | 0 |
| | SPRINGFIELD | 68 | 44 | 78 | 35 | 56 | -5 | 0.12 | -0.92 | 0.12 | 5.60 | 73 | 9.17 | 79 | 79 | 46 | 0 | 0 | 1 | 0 |
| IN | EVANSVILLE | 69 | 46 | 80 | 39 | 57 | -6 | 0.32 | -1.02 | 0.32 | 11.27 | 103 | 19.56 | 112 | 79 | 36 | 0 | 0 | 1 | 0 |
| | FORT WAYNE | 59 | 39 | 74 | 35 | 49 | -8 | 0.44 | -0.48 | 0.30 | 6.33 | 86 | 13.12 | 109 | 86 | 51 | 0 | 0 | 4 | 0 |
| | INDIANAPOLIS | 62 | 43 | 75 | 38 | 53 | -7 | 0.44 | -0.68 | 0.23 | 8.44 | 93 | 14.78 | 101 | 85 | 49 | 0 | 0 | 3 | 0 |
| | SOUTH BEND | 58 | 42 | 75 | 36 | 50 | -5 | 1.36 | 0.41 | 0.83 | 9.09 | 136 | 15.48 | 133 | 85 | 52 | 0 | 0 | 4 | 1 |
| KS | CONCORDIA | 76 | 47 | 88 | 37 | 62 | 3 | 0.08 | -0.74 | 0.08 | 1.66 | 34 | 3.39 | 53 | 72 | 28 | 0 | 0 | 1 | 0 |
| | DODGE CITY | 77 | 47 | 88 | 37 | 62 | 3 | 0.00 | -0.56 | 0.00 | 1.85 | 48 | 2.69 | 53 | 81 | 24 | 0 | 0 | 0 | 0 |
| | GOODLAND | 76 | 39 | 83 | 31 | 58 | 3 | 0.16 | -0.30 | 0.16 | 1.45 | 48 | 2.04 | 54 | 80 | 21 | 0 | 1 | 1 | 0 |
| | TOPEKA | 75 | 47 | 98 | 35 | 61 | 0 | 0.18 | -0.92 | 0.13 | 3.57 | 51 | 6.59 | 71 | 78 | 29 | 1 | 0 | 2 | 0 |

**Based on 1991-2020 normals**

***** Not Available**

## Weather Data for the Week Ending May 6, 2023

| 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 MAR 1 | PCT. NORMAL SINCE MAR 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 |
| | WICHITA | 76 | 47 | 95 | 35 | 61 | -1 | 0.02 | -1.02 | 0.02 | 0.72 | 11 | 3.19 | 38 | 80 | 29 | 1 | 0 | 1 | 0 |
| KY | LEXINGTON | 67 | 44 | 77 | 36 | 55 | -7 | 0.04 | -1.17 | 0.02 | 6.75 | 67 | 16.67 | 98 | 77 | 36 | 0 | 0 | 2 | 0 |
| | LOUISVILLE | 68 | 49 | 79 | 44 | 58 | -6 | 0.37 | -0.93 | 0.28 | 9.64 | 91 | 17.38 | 100 | 70 | 37 | 0 | 0 | 2 | 0 |
| | PADUCAH | 71 | 49 | 84 | 41 | 60 | -5 | 0.00 | -1.29 | 0.00 | 12.56 | 115 | 23.52 | 125 | 78 | 33 | 0 | 0 | 0 | 0 |
| LA | BATON ROUGE | 84 | 59 | 88 | 53 | 71 | -1 | 1.29 | 0.13 | 1.29 | 12.65 | 120 | 26.26 | 123 | 90 | 44 | 0 | 0 | 1 | 1 |
| | LAKE CHARLES | 82 | 61 | 84 | 52 | 71 | -2 | 1.06 | -0.09 | 1.06 | 13.07 | 143 | 20.34 | 111 | 96 | 46 | 0 | 0 | 1 | 1 |
| | NEW ORLEANS | 83 | 64 | 87 | 58 | 74 | -1 | 1.83 | 0.59 | 1.81 | 7.12 | 66 | 12.71 | 63 | 92 | 41 | 0 | 0 | 2 | 1 |
| | SHREVEPORT | 83 | 58 | 91 | 52 | 71 | 1 | 0.00 | -1.13 | 0.00 | 0.00 | 0 | 0.00 | 0 | 85 | 36 | 1 | 0 | 0 | 0 |
| MA | BOSTON | 59 | 47 | 76 | 44 | 53 | -1 | 1.87 | 1.10 | 1.63 | 7.31 | 86 | 13.80 | 91 | 90 | 59 | 0 | 0 | 6 | 1 |
| | WORCESTER | 57 | 43 | 71 | 39 | 50 | -3 | 2.38 | 1.54 | 1.70 | 9.94 | 110 | 17.72 | 112 | 92 | 57 | 0 | 0 | 6 | 1 |
| MD | BALTIMORE | 64 | 44 | 75 | 40 | 54 | -7 | 0.40 | -0.43 | 0.33 | 5.62 | 69 | 9.41 | 66 | 89 | 42 | 0 | 0 | 4 | 0 |
| ME | CARIBOU | 58 | 40 | 72 | 37 | 49 | 2 | 0.43 | -0.32 | 0.41 | 3.52 | 54 | 10.14 | 86 | 84 | 46 | 0 | 0 | 2 | 0 |
| | PORTLAND | 57 | 43 | 74 | 40 | 50 | -1 | 3.57 | 2.65 | 2.81 | 9.07 | 97 | 18.33 | 112 | 96 | 61 | 0 | 0 | 6 | 1 |
| MI | ALPENA | 53 | 38 | 64 | 35 | 46 | -3 | 0.41 | -0.22 | 0.21 | 7.11 | 134 | 11.46 | 133 | 95 | 64 | 0 | 0 | 5 | 0 |
| | GRAND RAPIDS | 58 | 41 | 73 | 36 | 49 | -5 | 0.31 | -0.62 | 0.14 | 8.28 | 115 | 14.34 | 121 | 87 | 52 | 0 | 0 | 4 | 0 |
| | LANSING | 58 | 40 | 73 | 36 | 49 | -5 | 0.43 | -0.40 | 0.35 | 8.72 | 142 | 13.72 | 138 | 84 | 47 | 0 | 0 | 3 | 0 |
| | MUSKEGON | 57 | 43 | 75 | 36 | 50 | -4 | 0.57 | -0.24 | 0.43 | 7.08 | 107 | 12.86 | 115 | 80 | 51 | 0 | 0 | 4 | 0 |
| | TRAVERSE CITY | 54 | 40 | 74 | 31 | 47 | -3 | 0.69 | 0.09 | 0.42 | 5.09 | 104 | 7.56 | 100 | 88 | 59 | 0 | 1 | 5 | 0 |
| MN | DULUTH | 52 | 36 | 62 | 30 | 44 | -3 | 0.30 | -0.38 | 0.29 | 6.28 | 137 | 10.98 | 168 | 83 | 47 | 0 | 2 | 2 | 0 |
| | INT_L FALLS | 60 | 36 | 73 | 29 | 48 | 2 | 0.00 | -0.52 | 0.00 | 5.65 | 181 | 6.42 | 140 | 74 | 35 | 0 | 2 | 0 | 0 |
| | MINNEAPOLIS | 63 | 46 | 77 | 37 | 54 | 0 | 0.67 | -0.11 | 0.50 | 5.69 | 108 | 10.25 | 146 | 68 | 36 | 0 | 0 | 2 | 1 |
| | ROCHESTER | 64 | 41 | 79 | 35 | 53 | 0 | 1.48 | 0.61 | 1.24 | 7.56 | 120 | 12.23 | 147 | 80 | 40 | 0 | 0 | 3 | 1 |
| | ST. CLOUD | 65 | 41 | 77 | 33 | 53 | 2 | 0.10 | -0.65 | 0.10 | 6.74 | 139 | 10.09 | 161 | 69 | 30 | 0 | 0 | 1 | 0 |
| MO | COLUMBIA | 71 | 47 | 85 | 39 | 59 | -3 | 0.08 | -1.11 | 0.08 | 3.28 | 37 | 7.33 | 55 | 70 | 30 | 0 | 0 | 1 | 0 |
| | KANSAS CITY | 72 | 46 | 91 | 39 | 59 | -1 | 0.06 | -1.14 | 0.06 | 5.49 | 73 | 10.08 | 100 | 77 | 31 | 1 | 0 | 1 | 0 |
| | SAINT LOUIS | 71 | 49 | 81 | 43 | 60 | -3 | 0.00 | -1.16 | 0.00 | 7.09 | 77 | 11.19 | 79 | 62 | 31 | 0 | 0 | 0 | 0 |
| | SPRINGFIELD | 69 | 46 | 88 | 38 | 57 | -5 | 0.67 | -0.70 | 0.35 | 9.12 | 96 | 14.58 | 101 | 80 | 37 | 0 | 0 | 3 | 0 |
| MS | JACKSON | 79 | 54 | 83 | 46 | 67 | -3 | 0.33 | -0.70 | 0.33 | 13.82 | 111 | 25.70 | 112 | 89 | 35 | 0 | 0 | 1 | 0 |
| | MERIDIAN | 79 | 51 | 83 | 45 | 65 | -5 | 0.25 | -0.82 | 0.17 | 11.45 | 94 | 27.56 | 119 | 94 | 36 | 0 | 0 | 2 | 0 |
| | TUPELO | 75 | 51 | 82 | 44 | 63 | -5 | 0.04 | -1.23 | 0.04 | 15.80 | 131 | 25.04 | 113 | 80 | 33 | 0 | 0 | 1 | 0 |
| MT | BILLINGS | 74 | 44 | 81 | 38 | 59 | 9 | 0.63 | 0.23 | 0.63 | 2.81 | 95 | 3.93 | 96 | 68 | 27 | 0 | 0 | 1 | 1 |
| | BUTTE | 70 | 37 | 78 | 30 | 54 | 10 | 0.67 | 0.35 | 0.51 | 2.81 | 125 | 3.42 | 110 | 81 | 22 | 0 | 1 | 3 | 1 |
| | CUT BANK | 72 | 40 | 81 | 35 | 56 | 11 | 0.40 | 0.18 | 0.40 | 1.15 | 76 | 1.41 | 72 | 79 | 28 | 0 | 0 | 1 | 0 |
| | GLASGOW | 74 | 44 | 84 | 35 | 59 | 8 | 0.12 | -0.23 | 0.12 | 1.87 | 104 | 3.71 | 144 | 57 | 20 | 0 | 0 | 1 | 0 |
| | GREAT FALLS | 72 | 42 | 79 | 38 | 57 | 10 | 0.88 | 0.50 | 0.73 | 4.50 | 164 | 6.14 | 158 | 87 | 36 | 0 | 0 | 3 | 1 |
| | HAVRE | 77 | 44 | 84 | 39 | 60 | 11 | 0.23 | -0.05 | 0.23 | 1.14 | 64 | 1.98 | 77 | 69 | 22 | 0 | 0 | 1 | 0 |
| | MISSOULA | 79 | 46 | 90 | 40 | 63 | 14 | 0.72 | 0.43 | 0.37 | 1.93 | 75 | 3.39 | 77 | 79 | 28 | 1 | 0 | 3 | 0 |
| NC | ASHEVILLE | 68 | 43 | 72 | 36 | 55 | -6 | 0.27 | -0.71 | 0.27 | 7.65 | 86 | 15.33 | 93 | 80 | 29 | 0 | 0 | 1 | 0 |
| | CHARLOTTE | 73 | 49 | 79 | 44 | 61 | -5 | 0.14 | -0.62 | 0.14 | 8.34 | 98 | 17.01 | 112 | 74 | 29 | 0 | 0 | 1 | 0 |
| | GREENSBORO | 69 | 45 | 77 | 41 | 57 | -8 | 0.56 | -0.22 | 0.56 | 10.04 | 123 | 17.36 | 120 | 80 | 34 | 0 | 0 | 1 | 1 |
| | HATTERAS | 69 | 55 | 74 | 50 | 62 | -4 | 0.02 | -0.96 | 0.02 | 5.44 | 59 | 11.08 | 60 | 81 | 47 | 0 | 0 | 1 | 0 |
| | RALEIGH | 71 | 46 | 81 | 43 | 59 | -7 | 1.35 | 0.61 | 1.35 | 11.56 | 139 | 17.14 | 118 | 83 | 38 | 0 | 0 | 1 | 1 |
| | WILMINGTON | 76 | 52 | 80 | 46 | 64 | -4 | 0.58 | -0.27 | 0.58 | 9.04 | 116 | 14.46 | 96 | 82 | 30 | 0 | 0 | 1 | 1 |
| ND | BISMARCK | 68 | 34 | 82 | 26 | 51 | 1 | 0.12 | -0.33 | 0.12 | 2.41 | 93 | 3.36 | 94 | 83 | 28 | 0 | 4 | 1 | 0 |
| | DICKINSON | 67 | 33 | 80 | 26 | 50 | 2 | 0.00 | -0.45 | 0.00 | 0.26 | 11 | 0.36 | 12 | 76 | 26 | 0 | 3 | 0 | 0 |
| | FARGO | 67 | 38 | 79 | 33 | 53 | 2 | 0.95 | 0.37 | 0.95 | 4.28 | 130 | 4.93 | 105 | 81 | 31 | 0 | 0 | 1 | 1 |
| | GRAND FORKS | 65 | 36 | 80 | 31 | 51 | 2 | 0.12 | -0.35 | 0.12 | 2.69 | 106 | 3.13 | 88 | 80 | 35 | 0 | 1 | 1 | 0 |
| | JAMESTOWN | 64 | 35 | 77 | 28 | 50 | 1 | 1.09 | 0.49 | 1.09 | 1.88 | 76 | 2.10 | 66 | 86 | 35 | 0 | 2 | 1 | 1 |
| NE | GRAND ISLAND | 73 | 40 | 84 | 28 | 57 | 0 | 0.42 | -0.37 | 0.22 | 1.28 | 27 | 3.17 | 53 | 79 | 27 | 0 | 3 | 2 | 0 |
| | LINCOLN | 73 | 43 | 85 | 30 | 58 | 0 | 0.00 | -0.96 | 0.00 | 1.20 | 23 | 3.41 | 50 | 77 | 31 | 0 | 1 | 0 | 0 |
| | NORFOLK | 71 | 36 | 86 | 30 | 54 | -1 | 0.00 | -0.66 | 0.00 | 0.98 | 20 | 3.32 | 54 | 68 | 19 | 0 | 2 | 0 | 0 |
| | NORTH PLATTE | 74 | 35 | 84 | 21 | 55 | 1 | 2.16 | 1.55 | 1.46 | 2.62 | 68 | 4.56 | 95 | 82 | 25 | 0 | 4 | 2 | 2 |
| | OMAHA | 70 | 43 | 84 | 34 | 57 | -2 | 0.03 | -0.92 | 0.03 | 4.12 | 71 | 7.11 | 95 | 82 | 37 | 0 | 0 | 1 | 0 |
| | SCOTTSBLUFF | 76 | 39 | 85 | 32 | 58 | 6 | 0.28 | -0.24 | 0.20 | 1.24 | 36 | 3.04 | 70 | 78 | 44 | 0 | 1 | 2 | 0 |
| | VALENTINE | 71 | 38 | 86 | 26 | 55 | 2 | 0.67 | 0.01 | 0.65 | 2.13 | 52 | 5.71 | 114 | 81 | 26 | 0 | 2 | 2 | 1 |
| NH | CONCORD | 60 | 40 | 76 | 37 | 50 | -2 | 1.62 | 0.83 | 0.81 | 6.44 | 87 | 13.52 | 104 | 97 | 52 | 0 | 0 | 5 | 2 |
| NJ | ATLANTIC_CITY | 61 | 44 | 73 | 39 | 53 | -6 | 2.45 | 1.72 | 2.17 | 9.04 | 106 | 14.51 | 96 | 90 | 51 | 0 | 0 | 5 | 1 |
| | NEWARK | 64 | 48 | 76 | 45 | 56 | -4 | 2.39 | 1.53 | 2.31 | 11.43 | 130 | 17.04 | 112 | 84 | 45 | 0 | 0 | 3 | 1 |
| NM | ALBUQUERQUE | 80 | 52 | 87 | 46 | 66 | 5 | 0.00 | -0.09 | 0.00 | 0.52 | 50 | 1.14 | 62 | 37 | 10 | 0 | 0 | 0 | 0 |
| NV | ELY | 60 | 35 | 76 | 29 | 48 | 0 | 0.32 | 0.08 | 0.17 | 2.59 | 114 | 5.45 | 141 | 75 | 30 | 0 | 3 | 3 | 0 |
| | LAS VEGAS | 80 | 59 | 96 | 54 | 69 | -4 | 0.00 | -0.02 | 0.00 | 0.50 | 78 | 1.45 | 72 | 36 | 13 | 1 | 0 | 0 | 0 |
| | RENO | 62 | 41 | 78 | 33 | 51 | -5 | 1.23 | 1.11 | 0.80 | 3.35 | 248 | 6.93 | 190 | 75 | 29 | 0 | 0 | 4 | 1 |
| | WINNEMUCCA | 67 | 38 | 82 | 32 | 53 | 0 | 0.89 | 0.62 | 0.82 | 3.37 | 160 | 4.39 | 141 | 77 | 28 | 0 | 1 | 3 | 1 |
| NY | ALBANY | 61 | 44 | 72 | 39 | 52 | -3 | 1.52 | 0.75 | 0.80 | 9.03 | 131 | 14.15 | 120 | 90 | 48 | 0 | 0 | 4 | 1 |
| | BINGHAMTON | 55 | 39 | 66 | 37 | 47 | -5 | 2.68 | 1.81 | 2.27 | 7.41 | 99 | 12.59 | 101 | 92 | 57 | 0 | 0 | 4 | 1 |
| | BUFFALO | 55 | 41 | 69 | 37 | 48 | -5 | 0.88 | 0.13 | 0.33 | 8.63 | 125 | 15.05 | 118 | 93 | 60 | 0 | 0 | 4 | 0 |
| | ROCHESTER | 54 | 40 | 67 | 37 | 47 | -7 | 1.05 | 0.38 | 0.49 | 6.62 | 109 | 12.53 | 116 | 97 | 59 | 0 | 0 | 5 | 0 |
| | SYRACUSE | 56 | 42 | 69 | 40 | 49 | -5 | 1.98 | 1.20 | 1.12 | 8.66 | 120 | 15.22 | 124 | 91 | 57 | 0 | 0 | 5 | 1 |
| OH | AKRON-CANTON | 56 | 38 | 75 | 34 | 47 | -10 | 0.89 | 0.01 | 0.38 | 9.24 | 117 | 15.91 | 120 | 89 | 53 | 0 | 0 | 4 | 0 |
| | CINCINNATI | 62 | 42 | 76 | 35 | 52 | -8 | 0.37 | -0.76 | 0.28 | 9.91 | 102 | 16.55 | 102 | 91 | 48 | 0 | 0 | 3 | 0 |
| | CLEVELAND | 57 | 40 | 72 | 37 | 48 | -9 | 1.54 | 0.69 | 0.83 | 7.22 | 95 | 15.25 | 117 | 83 | 50 | 0 | 0 | 4 | 1 |
| | COLUMBUS | 60 | 40 | 77 | 38 | 50 | -10 | 0.63 | -0.27 | 0.39 | 8.89 | 107 | 14.63 | 107 | 95 | 52 | 0 | 0 | 4 | 0 |
| | DAYTON | 60 | 42 | 76 | 36 | 51 | -9 | 0.55 | -0.51 | 0.32 | 9.85 | 111 | 15.27 | 106 | 82 | 49 | 0 | 0 | 3 | 0 |
| | MANSFIELD | 56 | 38 | 74 | 35 | 47 | -9 | 1.05 | 0.12 | 0.46 | 8.72 | 103 | 15.76 | 111 | 90 | 55 | 0 | 0 | 4 | 0 |
| | TOLEDO | 60 | 41 | 74 | 38 | 51 | -7 | 0.66 | -0.22 | 0.43 | 5.43 | 79 | 12.81 | 111 | 86 | 45 | 0 | 0 | 3 | 0 |

**Based on 1991-2020 normals** ***** Not Available**

## Weather Data for the Week Ending May 6, 2023

| 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 MAR 1 | PCT. NORMAL SINCE MAR 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 |
| | YOUNGSTOWN | 57 | 37 | 75 | 34 | 47 | -9 | 0.84 | 0.01 | 0.32 | 7.94 | 103 | 14.79 | 111 | 91 | 54 | 0 | 0 | 5 | 0 |
| OK | OKLAHOMA CITY | 74 | 53 | 89 | 43 | 63 | -1 | 0.99 | -0.15 | 0.99 | 6.97 | 97 | 9.33 | 94 | 86 | 40 | 0 | 0 | 1 | 1 |
| | TULSA | 75 | 49 | 90 | 40 | 62 | -3 | 0.44 | -0.87 | 0.44 | 6.76 | 78 | 11.38 | 96 | 92 | 40 | 1 | 0 | 1 | 0 |
| OR | ASTORIA | 55 | 49 | 59 | 45 | 52 | 1 | 1.17 | 0.23 | 0.87 | 17.26 | 119 | 28.50 | 88 | 93 | 72 | 0 | 0 | 5 | 1 |
| | BURNS | 67 | 41 | 81 | 37 | 54 | 5 | 1.37 | 1.13 | 1.14 | 5.35 | 251 | 7.43 | 169 | 86 | 35 | 0 | 0 | 4 | 1 |
| | EUGENE | 64 | 48 | 73 | 45 | 56 | 2 | 0.18 | -0.39 | 0.11 | 9.21 | 109 | 13.95 | 72 | 90 | 51 | 0 | 0 | 2 | 0 |
| | MEDFORD | 64 | 49 | 72 | 45 | 56 | -1 | 0.51 | 0.22 | 0.38 | 3.21 | 90 | 4.74 | 57 | 82 | 39 | 0 | 0 | 4 | 0 |
| | PENDLETON | 69 | 49 | 82 | 43 | 59 | 4 | 0.04 | -0.25 | 0.02 | 2.57 | 92 | 3.89 | 70 | 76 | 45 | 0 | 0 | 2 | 0 |
| | PORTLAND | 64 | 52 | 74 | 51 | 58 | 1 | 0.63 | 0.09 | 0.52 | 9.85 | 134 | 15.62 | 97 | 84 | 52 | 0 | 0 | 3 | 1 |
| | SALEM | 62 | 49 | 71 | 46 | 55 | 0 | 0.59 | 0.06 | 0.40 | 10.80 | 136 | 16.94 | 91 | 91 | 55 | 0 | 0 | 3 | 0 |
| PA | ALLENTOWN | 60 | 42 | 72 | 37 | 51 | -8 | 2.52 | 1.71 | 2.33 | 8.89 | 111 | 13.93 | 99 | 92 | 49 | 0 | 0 | 5 | 1 |
| | ERIE | 53 | 39 | 64 | 35 | 46 | -8 | 1.02 | 0.24 | 0.49 | 8.46 | 117 | 17.15 | 130 | 92 | 65 | 0 | 0 | 4 | 0 |
| | MIDDLETOWN | 59 | 45 | 71 | 41 | 52 | -8 | 2.13 | 1.26 | 2.10 | 8.01 | 100 | 11.47 | 84 | 84 | 48 | 0 | 0 | 2 | 1 |
| | PHILADELPHIA | 62 | 47 | 72 | 44 | 54 | -6 | 1.56 | 0.84 | 1.50 | 7.17 | 89 | 11.81 | 84 | 92 | 44 | 0 | 0 | 3 | 1 |
| | PITTSBURGH | 56 | 38 | 75 | 35 | 47 | -11 | 0.96 | 0.17 | 0.36 | 5.47 | 76 | 10.44 | 82 | 89 | 51 | 0 | 0 | 5 | 0 |
| | WILKES-BARRE | 59 | 40 | 70 | 37 | 50 | -8 | 3.63 | 2.88 | 3.10 | 7.05 | 105 | 10.79 | 95 | 94 | 50 | 0 | 0 | 4 | 1 |
| | WILLIAMSPORT | 59 | 41 | 72 | 38 | 50 | -7 | 2.14 | 1.27 | 1.71 | 5.65 | 75 | 9.02 | 70 | 91 | 51 | 0 | 0 | 5 | 1 |
| RI | PROVIDENCE | 59 | 43 | 74 | 37 | 51 | -4 | 2.28 | 1.45 | 2.10 | 10.19 | 103 | 18.34 | 106 | 97 | 61 | 0 | 0 | 3 | 1 |
| SC | CHARLESTON | 78 | 55 | 80 | 48 | 66 | -4 | 0.46 | -0.18 | 0.46 | 3.98 | 55 | 11.43 | 84 | 78 | 27 | 0 | 0 | 1 | 0 |
| | COLUMBIA | 74 | 48 | 76 | 40 | 61 | -8 | 0.51 | -0.19 | 0.51 | 9.78 | 139 | 19.01 | 136 | 86 | 33 | 0 | 0 | 1 | 1 |
| | FLORENCE | 76 | 47 | 81 | 40 | 61 | -8 | 0.17 | -0.53 | 0.17 | 8.09 | 119 | 16.14 | 125 | 86 | 27 | 0 | 0 | 1 | 0 |
| | GREENVILLE | 72 | 46 | 75 | 41 | 58 | -7 | 0.12 | -0.80 | 0.12 | 13.96 | 149 | 24.56 | 142 | 77 | 30 | 0 | 0 | 1 | 0 |
| SD | ABERDEEN | 68 | 38 | 80 | 30 | 53 | 1 | 0.72 | -0.02 | 0.72 | 3.51 | 101 | 4.61 | 99 | 88 | 32 | 0 | 2 | 1 | 1 |
| | HURON | 72 | 37 | 84 | 25 | 54 | 2 | 0.45 | -0.24 | 0.45 | 1.81 | 42 | 2.70 | 48 | 86 | 28 | 0 | 2 | 1 | 0 |
| | RAPID CITY | 71 | 35 | 80 | 25 | 53 | 4 | 0.01 | -0.61 | 0.01 | 3.66 | 103 | 4.90 | 113 | 73 | 24 | 0 | 3 | 1 | 0 |
| | SIOUX FALLS | 71 | 42 | 80 | 31 | 56 | 3 | 0.00 | -0.77 | 0.00 | 2.01 | 38 | 5.34 | 79 | 77 | 30 | 0 | 1 | 0 | 0 |
| TN | BRISTOL | 68 | 41 | 79 | 34 | 55 | -7 | 0.18 | -0.65 | 0.18 | 6.33 | 74 | 15.41 | 96 | 86 | 31 | 0 | 0 | 1 | 0 |
| | CHATTANOOGA | 71 | 47 | 76 | 41 | 59 | -8 | 0.06 | -1.01 | 0.04 | 9.83 | 88 | 19.46 | 91 | 84 | 33 | 0 | 0 | 2 | 0 |
| | KNOXVILLE | 70 | 46 | 77 | 39 | 58 | -7 | 0.00 | -1.02 | 0.00 | 8.68 | 82 | 18.41 | 91 | 81 | 32 | 0 | 0 | 0 | 0 |
| | MEMPHIS | 74 | 52 | 85 | 46 | 63 | -5 | 0.02 | -1.39 | 0.02 | 14.65 | 114 | 27.10 | 126 | 74 | 33 | 0 | 0 | 1 | 0 |
| | NASHVILLE | 72 | 49 | 83 | 42 | 60 | -6 | 0.01 | -1.30 | 0.01 | 6.40 | 61 | 12.98 | 68 | 78 | 31 | 0 | 0 | 1 | 0 |
| TX | ABILENE | 89 | 61 | 98 | 53 | 75 | 5 | 0.09 | -0.56 | 0.07 | 2.48 | 60 | 4.50 | 69 | 73 | 30 | 3 | 0 | 2 | 0 |
| | AMARILLO | 80 | 51 | 88 | 45 | 66 | 4 | 0.76 | 0.36 | 0.68 | 2.02 | 66 | 2.52 | 58 | 74 | 26 | 0 | 0 | 3 | 1 |
| | AUSTIN | 88 | 63 | 94 | 52 | 75 | 2 | 0.00 | -0.96 | 0.00 | 4.80 | 78 | 7.78 | 72 | 87 | 45 | 3 | 0 | 0 | 0 |
| | BEAUMONT | 85 | 62 | 89 | 51 | 74 | 1 | 1.04 | 0.05 | 1.02 | 8.83 | 105 | 15.23 | 90 | 98 | 48 | 0 | 0 | 2 | 1 |
| | BROWNSVILLE | 89 | 71 | 91 | 57 | 80 | 0 | 0.00 | -0.40 | 0.00 | 6.21 | 190 | 6.76 | 125 | 94 | 55 | 3 | 0 | 0 | 0 |
| | CORPUS CHRISTI | 86 | 69 | 89 | 54 | 77 | 1 | 0.00 | -0.67 | 0.00 | 8.16 | 166 | 9.04 | 119 | 96 | 64 | 0 | 0 | 0 | 0 |
| | DEL RIO | 92 | 68 | 102 | 52 | 80 | 3 | 0.01 | -0.47 | 0.01 | 3.04 | 97 | 3.25 | 74 | 76 | 37 | 5 | 0 | 1 | 0 |
| | EL PASO | 89 | 61 | 94 | 54 | 75 | 4 | 0.00 | -0.07 | 0.00 | 0.06 | 11 | 0.64 | 50 | 29 | 7 | 3 | 0 | 0 | 0 |
| | FORT WORTH | 85 | 60 | 96 | 49 | 73 | 3 | 0.18 | -0.85 | 0.18 | 5.71 | 76 | 10.54 | 82 | 75 | 36 | 1 | 0 | 1 | 0 |
| | GALVESTON | 81 | 70 | 83 | 61 | 75 | 0 | 0.00 | -0.58 | 0.00 | 4.57 | 82 | 8.34 | 69 | 90 | 67 | 0 | 0 | 0 | 0 |
| | HOUSTON | 85 | 63 | 92 | 53 | 74 | 0 | 0.05 | -0.94 | 0.04 | 7.03 | 85 | 15.03 | 100 | 98 | 50 | 2 | 0 | 2 | 0 |
| | LUBBOCK | 86 | 51 | 93 | 44 | 69 | 3 | 0.59 | 0.13 | 0.34 | 0.70 | 24 | 1.44 | 35 | 76 | 19 | 2 | 0 | 3 | 0 |
| | MIDLAND | 89 | 57 | 95 | 49 | 73 | 2 | 0.12 | -0.10 | 0.10 | 0.12 | 7 | 0.52 | 18 | 73 | 17 | 3 | 0 | 2 | 0 |
| | SAN ANGELO | 94 | 62 | 101 | 47 | 78 | 6 | 0.00 | -0.52 | 0.00 | 0.78 | 22 | 2.20 | 39 | 73 | 23 | 5 | 0 | 0 | 0 |
| | SAN ANTONIO | 86 | 64 | 94 | 50 | 75 | 2 | 0.06 | -0.80 | 0.06 | 6.04 | 110 | 7.91 | 86 | 89 | 47 | 1 | 0 | 1 | 0 |
| | VICTORIA | 86 | 65 | 90 | 53 | 76 | 1 | 0.01 | -1.00 | 0.01 | 5.94 | 86 | 13.20 | 114 | 98 | 60 | 1 | 0 | 1 | 0 |
| | WACO | 83 | 57 | 90 | 46 | 70 | 0 | 1.18 | 0.18 | 1.18 | 6.43 | 86 | 11.12 | 87 | 96 | 51 | 1 | 0 | 1 | 1 |
| | WICHITA FALLS | 82 | 54 | 95 | 46 | 68 | 0 | 0.34 | -0.41 | 0.20 | 5.33 | 103 | 8.29 | 106 | 86 | 37 | 2 | 0 | 2 | 0 |
| UT | SALT LAKE CITY | 77 | 55 | 87 | 46 | 66 | 9 | 0.10 | -0.35 | 0.08 | 5.57 | 130 | 9.13 | 130 | 58 | 16 | 0 | 0 | 2 | 0 |
| VA | LYNCHBURG | 69 | 44 | 79 | 39 | 56 | -5 | 0.34 | -0.52 | 0.33 | 6.43 | 80 | 12.49 | 87 | 80 | 34 | 0 | 0 | 2 | 0 |
| | NORFOLK | 68 | 52 | 75 | 48 | 60 | -5 | 1.21 | 0.39 | 1.20 | 5.44 | 70 | 10.66 | 75 | 84 | 43 | 0 | 0 | 2 | 1 |
| | RICHMOND | 69 | 48 | 76 | 42 | 58 | -5 | 0.46 | -0.42 | 0.46 | 4.95 | 62 | 9.93 | 72 | 85 | 38 | 0 | 0 | 1 | 0 |
| | ROANOKE | 67 | 45 | 77 | 40 | 56 | -7 | 0.16 | -0.72 | 0.09 | 5.54 | 71 | 11.19 | 80 | 79 | 36 | 0 | 0 | 3 | 0 |
| | WASH/DULLES | 64 | 45 | 75 | 39 | 54 | -6 | 1.12 | 0.13 | 1.03 | 4.93 | 62 | 8.54 | 63 | 88 | 45 | 0 | 0 | 3 | 1 |
| VT | BURLINGTON | 59 | 43 | 73 | 40 | 51 | -3 | 1.51 | 0.73 | 0.83 | 6.76 | 112 | 11.60 | 117 | 93 | 51 | 0 | 0 | 4 | 1 |
| WA | OLYMPIA | 61 | 44 | 75 | 40 | 53 | 1 | 0.44 | -0.16 | 0.26 | 9.94 | 100 | 16.81 | 73 | 98 | 63 | 0 | 0 | 3 | 0 |
| | QUILLAYUTE | 57 | 46 | 65 | 43 | 52 | 3 | 0.41 | -0.80 | 0.22 | 20.70 | 99 | 37.43 | 81 | 96 | 62 | 0 | 0 | 4 | 0 |
| | SEATTLE-TACOMA | 61 | 49 | 73 | 47 | 55 | 0 | 0.77 | 0.27 | 0.71 | 7.07 | 91 | 12.43 | 71 | 88 | 60 | 0 | 0 | 4 | 1 |
| | SPOKANE | 73 | 50 | 85 | 45 | 61 | 9 | 0.80 | 0.53 | 0.59 | 2.90 | 87 | 4.96 | 73 | 82 | 40 | 0 | 0 | 3 | 1 |
| | YAKIMA | 73 | 52 | 86 | 47 | 63 | 8 | 0.05 | -0.09 | 0.05 | 2.15 | 162 | 3.45 | 103 | 72 | 35 | 0 | 0 | 1 | 0 |
| WI | EAU CLAIRE | 60 | 41 | 77 | 30 | 51 | -2 | 1.83 | 1.04 | 1.32 | 7.08 | 123 | 10.19 | 129 | 83 | 45 | 0 | 1 | 3 | 1 |
| | GREEN BAY | 54 | 40 | 64 | 33 | 47 | -5 | 1.24 | 0.55 | 0.64 | 6.95 | 125 | 9.92 | 121 | 89 | 57 | 0 | 0 | 4 | 1 |
| | LA CROSSE | 65 | 45 | 82 | 37 | 55 | -1 | 0.64 | -0.25 | 0.42 | 4.91 | 74 | 8.98 | 99 | 80 | 38 | 0 | 0 | 3 | 0 |
| | MADISON | 61 | 42 | 75 | 34 | 51 | -2 | 0.29 | -0.57 | 0.14 | 6.00 | 88 | 10.76 | 110 | 84 | 47 | 0 | 0 | 4 | 0 |
| | MILWAUKEE | 56 | 45 | 72 | 38 | 50 | -2 | 0.43 | -0.38 | 0.25 | 6.43 | 95 | 12.72 | 124 | 73 | 51 | 0 | 0 | 3 | 0 |
| WV | BECKLEY | 59 | 39 | 77 | 34 | 49 | -10 | 0.94 | -0.07 | 0.65 | 5.97 | 70 | 13.07 | 88 | 90 | 42 | 0 | 0 | 3 | 1 |
| | CHARLESTON | 63 | 40 | 81 | 36 | 52 | -10 | 0.58 | -0.47 | 0.50 | 5.29 | 61 | 13.31 | 87 | 98 | 41 | 0 | 0 | 3 | 1 |
| | ELKINS | 57 | 35 | 77 | 32 | 46 | -11 | 2.25 | 1.11 | 0.92 | 7.67 | 84 | 13.95 | 88 | 91 | 56 | 0 | 1 | 5 | 2 |
| | HUNTINGTON | 64 | 41 | 80 | 36 | 53 | -10 | 0.31 | -0.77 | 0.18 | 6.57 | 72 | 14.29 | 92 | 93 | 39 | 0 | 0 | 2 | 0 |
| WY | CASPER | 71 | 33 | 78 | 26 | 52 | 5 | 0.12 | -0.33 | 0.12 | 2.21 | 83 | 4.89 | 132 | 80 | 22 | 0 | 4 | 1 | 0 |
| | CHEYENNE | 69 | 39 | 77 | 34 | 54 | 7 | 0.20 | -0.32 | 0.14 | 1.79 | 56 | 3.31 | 81 | 71 | 22 | 0 | 0 | 2 | 0 |
| | LANDER | 71 | 43 | 76 | 42 | 57 | 9 | 0.00 | -0.60 | 0.00 | 3.41 | 88 | 7.30 | 143 | 63 | 22 | 0 | 0 | 0 | 0 |
| | SHERIDAN | 74 | 38 | 82 | 32 | 56 | 8 | 0.04 | -0.52 | 0.01 | 2.89 | 85 | 5.29 | 114 | 76 | 24 | 0 | 1 | 3 | 0 |

**Based on 1991-2020 normals**

***** Not Available**

# April Weather and Crop Summary

## Weather

*Weather summary provided by USDA/WAOB*

**Highlights:** For much of the month, cool Western weather limited the rate of melting snow. By May 1, the average water equivalency of the Sierra Nevada snowpack stood near 50 inches, according to the California Department of Water Resources, down about a foot from the seasonal peak of 62 inches. In late April, however, sudden heat led to increases in Western streamflow and local flooding, as well as corresponding dam releases. Seasonably dry weather prevailed during April in much of California, the Great Basin, and the Southwest, while occasional showers stretched from the Pacific Northwest to the northern Rockies.

Farther east, snow was also slow to melt in parts of the north-central U.S., helping to hold April temperatures 5 to 7°F below normal in North Dakota locations such as Bismarck, Dickinson, and Minot. The lingering snow cover, accompanied by chilly conditions and low soil temperatures, delayed the onset of spring fieldwork. By April 30, only 19 percent of the nation's barley and 12 percent of the spring wheat had been planted, compared to respective 5-year averages of 35 and 22 percent. Sugarbeet planting had not begun by the end of April in Minnesota and North Dakota.

Snow-melt flooding was observed in parts of the upper Midwest, primarily along the Red, James, and Big Sioux Rivers. Significant flooding also occurred in the upper Mississippi Basin, where top-three crests were reported along the Mississippi River in locations such as La Crosse, WI (3.89 feet above flood stage on April 26), and Dubuque, IA (7.03 feet above flood stage on April 29). In those locations, higher crests were reported only in April 1965 and 2001.

In contrast, deeply entrenched drought persisted during April across the central and southern Plains, with adverse impacts on rangeland, pastures, winter grains, and emerging summer crops. By April 30, USDA/NASS rated nearly one-half (42 percent) of the U.S. winter wheat in very poor to poor condition, led by Kansas (64 percent very poor to poor), Oklahoma (61 percent), Texas (57 percent), and Nebraska (51 percent). Although late-April rainfall provided some limited drought relief across the central and southern Plains, the *U.S. Drought Monitor* indicated by May 2 that extreme to exceptional drought (D3 to D4) covered 63 percent of Kansas, along with 47 percent of Nebraska, 33 percent of Oklahoma, and 21 percent of Texas.

On May 2, moderate to exceptional drought (D1 to D4) covered 24.42 percent of the contiguous U.S., down from 28.23 percent in early April and 62.95 percent on October 25, 2022. Prior to May 2, the last time less than one-quarter of the country was experiencing drought was June 16, 2020, nearly 3 years ago. Still, an area centered over the nation's mid-section reported extremely dry April weather. For example, North Platte, NE—with monthly precipitation totaling 0.04 inch—tied a 1928 standard for its driest April on record. Additionally, Wichita, KS, received a March-April total of 0.72 inch, the driest such period since 1936.

Elsewhere, generally wet April weather prevailed across the South, while late-month downpours eased precipitation deficits in the middle and northern Atlantic States. Despite the rain, Southern planting activities remained mostly at or ahead of the normal pace. At the end of April, 63 percent of the intended national rice acreage and 15 percent of the cotton had been planted, versus respective 5-year averages of 49 and 14 percent. In addition, there was sufficient warmth across the eastern one-third of the U.S. to promote rapid development, including summer crop emergence. In fact, it was the warmest April on record in few Eastern locations, including Burlington, VT; Newark, NJ; and Brunswick, GA.

**Historical Perspective:** According to preliminary data provided by the National Centers for Environmental Information, the contiguous U.S. experienced April temperatures and precipitation near the middle of the 129-year distribution. It was the nation's 63rd-warmest April, with a monthly average temperature of 51.4°F—0.3°F above the 1901-2000 mean. Meanwhile, monthly precipitation averaged 2.40 inches (95 percent of normal), marking the 52nd-driest April during the 1895-2023 period of record.

State temperature rankings ranged from the tenth-coldest April in North Dakota to the second-warmest April in Delaware and Maryland (figure 1). It was among the ten warmest in eight additional Atlantic Coast States, as well as Vermont. Meanwhile, state precipitation rankings ranged from the third-driest April in Arizona to the seventh-wettest April in Delaware (figure 2). North Carolina (eighth-wettest April) and New Jersey (tenth wettest) also made the "wet" list, while Missouri, Nebraska, and New Mexico joined Arizona on the list for top-ten April dryness.

**Figure 1** Statewide Average Temperature Ranks
April 2023
Period: 1895–2023

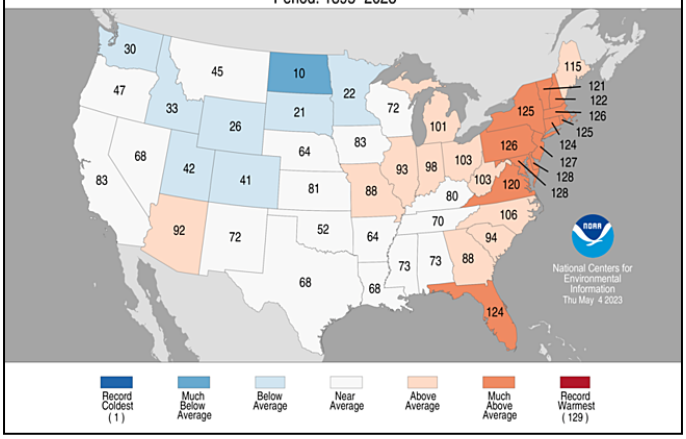
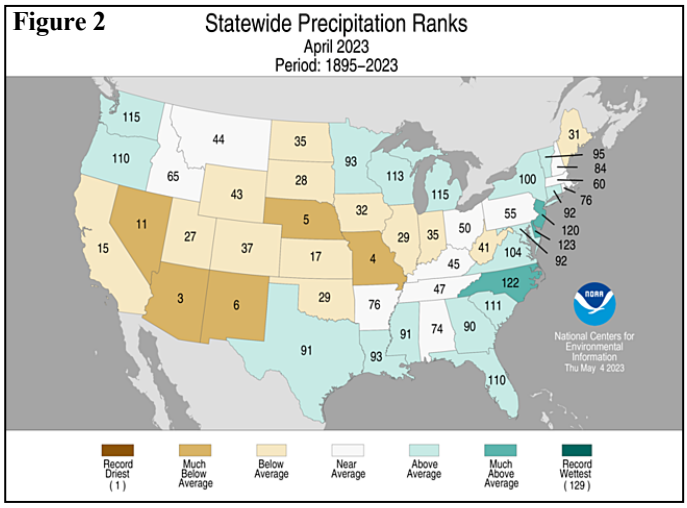


**Figure 2**




**Summary:** As the month began, winter-like storms punched inland across the West before crossing the central Plains and upper Midwest. The storms' paths dictated observed conditions, which included heavy, early-month snow across parts of the northern Plains and the West; showers and locally severe thunderstorms in the mid-South and Midwest, mainly on April 4-5; significant rain in much of the South; and dry, windy weather on the drought-stricken southern High Plains. The previous month had ended on a snowy note in the north-central U.S., with March 31 snowfall in South Dakota reaching 10.0 inches in Pierre and 7.5 inches in Aberdeen. Both locations reported peak wind gusts to 53 mph on that date. By April 1, daily-record snowfall amounts reached 18.6 inches in Sault Sainte Marie, MI, and 10.4 inches in Rhinelander, WI. As that storm pulled away, April 1 was the last of 143 consecutive days with high temperatures below 40°F in Fargo, ND, the second-longest such streak on record in that location, behind only 152 days from November 10, 1978 – April 10, 1979. Farther west, where stormy weather lingered, Alta, UT, was blanketed by 63.2 inches of snow during the first 5 days of April. In Wyoming, Casper measured its greatest 1- and 2-day snowfall totals on record—26.7 and 36.0 inches, respectively, on April 3 and April 3-4. Casper's previous records, 24.3 and 31.3 inches, had been set on December 24 and December 23-24, 1982. Elsewhere in Wyoming, daily-record snowfall totals for April 4 reached 12.5 inches in Lander and 6.0 inches in Riverton. Daily-record amounts for the 4th extended into the Dakotas, where snowfall totaled 11.0 inches in Mobridge, SD, and 6.9 inches in Grand Forks, ND. Pierre, SD, received 10.0 inches on April 4-5, accompanied by a peak wind gust to 51 mph. By April 5, rain showers overspread the Great Lakes States, resulting in daily-record totals in Massena, NY (1.55 inches); Alpena, MI (1.33 inches); and Cincinnati, OH (1.31 inches). The Grand River at Comstock Park, MI, crested 4.05 feet above flood stage on April 8—highest level in that location since May 2020. Farther south, a pre-dawn EF-2 tornado on April 5 in Bollinger County, MO, resulted in five fatalities. Subsequently, heavy rain shifted southward; April 6 totals of 4.20 inches in Lufkin, TX, and 3.07 inches in Shreveport, LA, were records for the date. Rain persisted in the western and central Gulf Coast States through April 7, when McComb, MS (3.51 inches); Baton Rouge, LA (2.83 inches); and Brownsville, TX (1.30 inches), collected daily records. Eventually, heavy rain overspread the Southeast, resulting in daily-record totals exceeding the 2-inch mark in Birmingham, AL (2.86 inches), and New Bern, NC (2.46 inches). Chilly weather accompanied the Southeastern rain, with April 8 maximum temperatures remaining below the 60-degree mark in Charleston, SC (56°F), and Tuscaloosa, AL (58°F).

However, warmth preceded the Southern rain, with April 3 highs setting daily records in Texas locations such as Del Rio (99°F), and Austin's Camp Mabry (93°F). Daily-record warmth extended to other areas, including the southern Plains and Midwest; April 3 highs rose to 89°F in Tulsa, OK, and 86°F in Springfield, MO. Additional Midwestern records on April 4 included 87°F in Quincy, IL, and 86°F in Burlington, IA. Eastern warmth peaked on April 5-6, with Georgetown, DE, reporting consecutive daily-record highs of 85 and 89°F. The temperature touched 90°F on April 5 as far north as Huntington, WV. In the South, Baton Rouge, LA, tallied a trio of daily-record highs (90, 89, and 88°F) from April 4-6. Florida's peninsula experienced multiple days of record-breaking warmth, as temperatures in Fort Myers surged to 94 and 93°F, respectively, on April 5 and 6. In stark contrast, persistently chilly conditions gripped the western and north-central U.S. In Washington, daily-record lows for April 2 included 23°F in Ephrata and 27°F in Wenatchee. South Lake Tahoe, CA, notched three consecutive daily-record lows (9, 7, and 8°F) from April 3-5. Post-storm temperatures plunged to sub-zero, daily-record levels on April 7 in Randolph, UT (-15°F), and Hibbing, MN (-2°F). Big Piney, WY, registered consecutive daily-record lows (-7 and -5°F, respectively) on April 6-7. Elsewhere on the 6th, daily-record lows dipped to 0°F in Aberdeen, SD, and 1°F in Bismarck ND.

By April 10, a sudden temperature reversal resulted in daily-record highs in Montana locations such as Miles City and Missoula—both 80°F. On the same date in Arizona, Tucson (97°F) registered a daily-record high. By April 11, Cheyenne, WY (80°F), tallied its earliest-ever reading at or above the 80-degree mark, previously set with a high of 82°F on April 21, 1960. Tucson (99°F) also posted a record-setting high for April 11, while other Southwestern records for the date included 99°F in Phoenix, AZ, and 93°F in Las Vegas, NV. Daily-record warmth also spread across the Plains, where April 11 highs surged to 94°F in Pierre, SD, and 92°F in Scottsbluff, NE. Three consecutive daily-record highs were set from April 11-13 in a few locations, including North Platte, NE (89, 93, and 95°F). In the Great Lakes States, a trio of daily-record highs occurred from April 12-14 in Traverse City, MI (83, 86, and 86°F), and Scranton, PA (84, 87, and 91°F). With a high of 86°F on April 12, Green Bay, WI, noted its earliest-ever reading above the 85-degree mark (previously, 89°F on April 22, 1980). Binghamton, NY (86°F on April 13), also topped 85°F earlier than ever before, breaking a record originally set with a high of 86°F on April 17, 2002. Later, hot weather extended as far north as New England, where Hartford, CT, collected consecutive daily-record highs (92 and 96°F, respectively), on April 13-14. Hartford's high of 96°F tied a monthly record originally set on April 19, 1976. Northeastern daily-record highs above the 90-degree mark on April 14 included 93°F in Newark, NJ, and 91°F in New York's Central Park. Mid-month

heat also affected the Deep South, where record-setting highs for April 15 soared to 99°F in McAllen, TX, and 93°F in Fort Myers, FL. Several days later, warmth again surged northward in advance of a cold front. By April 20, daily-record highs climbed to 87°F in Louisville, KY, and 84°F in Fort Wayne, IN. On a final day of widespread Eastern warmth on April 21, record-setting highs reached 90°F in Georgetown, DE, and 88°F in Syracuse, NY. By April 22, chilly air engulfed the Midwest, where maximum temperatures included 35°F in Brainerd, MN; 42°F in Ottumwa, IA; and 44°F in Quincy, IL. On the Plains, the late-month cold spell sent temperatures tumbling to the freezing mark (32°F) or below as far south as Texas' northern panhandle. In Kansas, daily-record lows for April 22 dipped to 25°F in Hill City and 27°F in Russell. Widespread freezes also occurred in the Midwest. Although the cold weather posed a threat to some ornamentals and blooming fruits, most crops likely escaped with minimal impacts. For example, widespread freezes did not reach into areas where winter wheat was heading, while newly planted summer crops, such as corn, had generally not yet emerged in freeze-affected areas. Farther west, scattered sub-zero temperatures were reported in the Rockies, with Lake Yellowstone, WY, dipping to -1°F on April 20. Elsewhere, Western daily-record lows included -2°F (on April 19) in Stanley, ID, and 9°F (on April 20) in Alamosa, CO.

As the middle of the month approached, significant rainfall was scarce. On April 9, however, showers in the Southeast and Pacific Northwest led to daily-record totals in Punta Gorda, FL (2.29 inches), and Quillayute, WA (1.94 inches). Miami, FL, received at least 2 inches of rain on 3 consecutive days from April 10-12, with respective totals of 2.47, 2.76, and 2.15 inches. Elsewhere in Florida, historically heavy rain on April 13 caused severe but localized flooding in Hollywood, Fort Lauderdale, and environs, with several 1- to 2-foot totals reported. Hollywood received an April 13, calendar-day total of 16.52 inches. Meanwhile in the Northwest, daily-record totals for April 10 included 1.36 inches in Salem, OR, and 0.93 inch in Ephrata, WA. Subsequently, rain overspread portions of the central and eastern U.S., although most amounts were generally light. However, Raleigh-Durham, NC, collected a daily-record sum (1.73 inches) on April 14. Meanwhile in Alabama, April 12-15 rainfall in Mobile totaled 5.09 inches. Around mid-month, precipitation changed to wet snow across the upper Midwest, where La Crosse, WI, received 9.5 inches of snow on April 16-17. The snow in La Crosse followed 3 consecutive days (April 12-14) with high temperatures ranging from 85 to 90°F. For the first time on record, Rockford, IL, reported measurable snow (0.2 inch on April 16) a day after topping the 80-degree mark (83°F on April 15). Both Rockford and Chicago noted highs above 80°F each day from April 12-15, followed by measurable snow. Rockford measured 0.7 inch on April 16-17, while Chicago collected 0.4 inch on April 17. Additional snow fell in both cities on April 22—with totals reaching 0.2 inch in Rockford and 0.1 inch in Chicago. In northern Minnesota, record-setting snowfall totals for April 20 reached 5.9 inches in International Falls and 3.2 inches in Duluth. International Falls logged another daily snowfall record, 2.6 inches, on April 21. Through the end of April, seasonal snowfall records had been broken in several locations, including Duluth (140.1 inches; previously, 135.4 inches in 1995-96); Rhinelander, WI (122.9 inches; previously, 116.3 inches in 2018-19); and Saint Cloud, MN (88.2 inches; previously, 87.9 inches in 1964-65). Even before the mid-April arrival of wintry weather, snow-melt flooding was underway in parts of the upper Midwest. On April 13, the Big Sioux River near Watertown, SD, achieved its third-highest level on record, cresting 1.81 feet above flood stage. It was the highest river level in that location since April 2001. Similarly, the Mississippi River at Saint Cloud, MN, rose to its third-highest level on record (0.95 foot above flood stage on April 16)—the highest crest in that city since April 2001. Farther south, the mid-month period featured another round of heavy rain in southern Florida, where on April 16 West Palm Beach netted a daily-record sum of 4.97 inches. Elsewhere on the 16th, thunderstorms near the mouth of the Mississippi River produced a wind gust to 76 mph in Grand Isle, LA. Later, rain spread into other parts of the eastern U.S.; record-setting totals for April 17 included 2.47 inches in Sarasota-Bradenton, FL, and 1.21 inches in Plattsburgh, NY. Meanwhile, rain and snow showers dotted the Northwest, where Boise, ID, collected a daily-record snowfall (0.9 inch) on April 18. Later, locally severe thunderstorms affected the eastern half of the U.S. On April 19, an EF-3 tornado with peak winds likely exceeding 150 mph carved an 11-mile path across McClain County, OK, resulting in one fatality. Daily-record rainfall totals associated with the thundershowers included 2.37 inches (on April 21) in Memphis, TN, and 1.47 inches (on April 22) in Harrisburg, PA. Rain was slow to depart the Northeast, with April 23 featuring daily-record totals topping 2 inches in Hartford, CT (3.13 inches); Concord, NH (2.46 inches); and Worcester, MA (2.02 inches). A separate area of rain in Texas resulted in record-setting totals for April 23 in Laredo (3.04 inches) and Palacios (2.12 inches).

A late-month storm provided limited relief to drought-stressed rangeland, pastures, and winter grains across portions of the central and southern Plains. Some of the heaviest rain, generally 1 to 3 inches, fell in southeastern Colorado, southwestern Kansas, northern and eastern Texas, and much of Oklahoma. Indeed, April 25-26 rainfall totaled 2.09 inches in Pueblo, CO, aided by a daily-record sum (1.40 inches) on the initial date. Similarly, April 25-26 rainfall reached 2.15 inches in Garden City, KS, and 1.12 inches in Borger, TX. Farther north, however, dry conditions prevailed. North Platte, NE, completed its driest April on record (0.04 inch, or 2 percent of normal), tying 1928. During the month's final days, two rounds of heavy rain affected portions of the southern and eastern U.S. As the first event unfolded on April 27, daily-record totals included 4.40 inches in Greenville-Spartanburg, SC, and 4.13 inches in Pensacola, FL. Daily-record amounts topped 2 inches on the 27th in Florida locations such as Fort Pierce (2.54 inches) and Gainesville (2.45 inches). By April 28, daily-record totals included 2.06 inches in Lynchburg, VA; 1.82 inches in Baltimore, MD; and 1.59 inches in Zanesville, OH. Rain was again slow to exit the Northeast, where record-setting amounts for April 29 totaled 3.05 inches in Newark, NJ, and 2.46 inches at New York's Central Park. The last day of April featured lingering rain from the first round of storminess—Augusta, ME, received 3.00 inches—along with daily-record totals associated with the second round in locations such as Scranton, PA (3.06 inches), and Georgetown, DE (2.40 inches). Meanwhile, snow-

melt flooding continued in the upper Mississippi Basin. Along the Mississippi River, it was a top-three flood crest in locations such as La Crosse, WI (3.89 feet above flood stage on April 26), and Dubuque, IA (7.03 feet above flood stage on April 29). In those locations, higher crests occurred only in April 1965 and 2001. When the highest water (6.06 feet above flood stage) arrived in Fulton, IL, on April 30, it was a top-four crest, behind April 1965 and 2001, along with July 1993.

Remarkably cool weather prevailed late in the month in the nation's mid-section. On April 23 in Nebraska, daily-record lows dipped to 15°F in Broken Bow and Chadron; 16°F in North Platte and Sidney; and 19°F in Imperial. In Kansas, daily-record lows plunged to 17°F in Colby and Goodland. On the same date, Midwestern records included 21°F in Sioux City, IA, and 23°F in St. Joseph, MO. Indianapolis, IN, collected a daily-record low (28°F) for April 24. Later, another push of cold air led to record-setting lows for April 26 in locations such as Mason City, IA (22°F); Fort Wayne, IN (28°F); and Moline, IL (29°F). In Jamestown, ND, the highest reading during the entire month was 58°F (on the 26th), tying an April low-maximum temperature record originally set in 1975. In contrast, an early-season hot spell in the Far West boosted temperatures to 100°F or higher in parts of the Desert Southwest and above 95°F in parts of California's San Joaquin Valley. Bakersfield, CA, notched a daily-record high (97°F) on April 28. Elsewhere on the 28th, monthly record highs were established in Northwestern locations such as Roseburg, OR (95°F), and Hoquiam, WA (86°F). Palm Springs, CA, posted a daily-record high (106°F) on April 29. The last day of April featured daily-record highs in Arizona locations such as Yuma (103°F) and Phoenix (102°F). Elsewhere in Arizona, Tucson's high of 100°F (on April 30) marked the first triple-digit heat of the year—nearly 3 weeks earlier than the 1991-2020 normal date of May 18.

Spring was slow to arrive in Alaska, with monthly temperatures averaging at least 10°F below normal at many interior and western locations. In fact, April temperatures averaged 14.3°F below normal in Nome, along with 13.4°F in Bettles, 13.3°F in Kotzebue, 12.9°F in Delta Junction, 12.2°F in Fairbanks, and 12.0°F in Bethel. Early-month temperatures reached daily-record levels in numerous communities. For example, Alaskan daily-record lows for April 7 included -30°F in Nome, -28°F in Kotzebue, and -23°F in McGrath. Additional daily-record lows (-24 and -28°F, respectively) occurred in McGrath on April 8-9. McGrath's lowest temperature during the month, -30°F on April 10, was not a record for the date. At the height of the cold wave, from April 3-13, Kotzebue noted 11 consecutive days with lows below -10°F. With a low of -6°F on the 9th, King Salmon reported not only a record low for the date, but also experienced its coldest April weather since 2005, when the temperature fell to -10°F on April 4. Despite cold April weather, snow finally disappeared from Anchorage, with the depth dropping to a trace by the morning of the 30th—down from 30 inches on April 11. Snow cover in Anchorage had been continuous since October 25, 2022. Meanwhile, Fairbanks retained a 14-inch snow cover on April 30, down from 28 inches on the 13th.

In Hawaii, the early part of April marked the wettest days of the month. On the Big Island, Hilo's wettest day during April was the 2nd, when 3.26 inches fell. Hilo's April total of 9.10 inches was 97 percent of normal. Some of Hawaii's early-month rain was accompanied by windy weather; on April 2, gusts were clocked to 51 mph in Lihue, Kauai, and 44 mph at Kaneohe Bay, Oahu. Significant showers continued through mid-month across Hawaii's western islands, where Lihue, Kauai, collected 2.20 inches on April 18. Lihue's monthly sum of 4.79 inches was 236 percent of normal. Drier weather late in the month contributed to Hilo's daily-record high of 87°F on April 24.

## Fieldwork

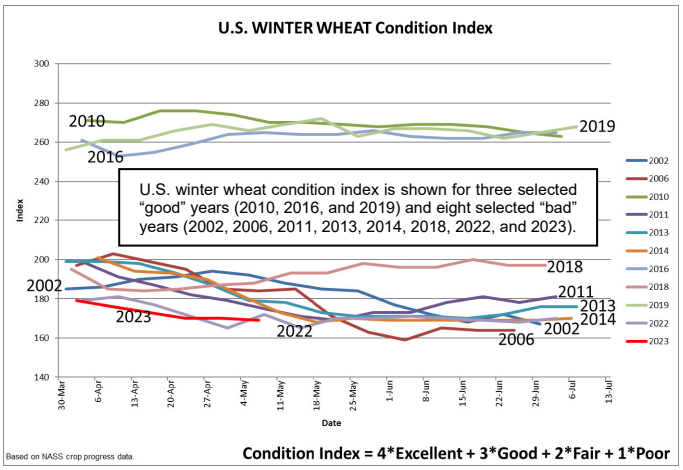
*Fieldwork summary provided by USDA/NASS*

April was cooler than normal for much of the western half of the nation, with large parts of the northern Plains and Rockies recording temperatures 6°F or more below normal. In contrast, much of the eastern half of the Nation, except the lower Mississippi Valley, was warmer than normal. Parts of Florida, southern Georgia, the mid-Atlantic, and Northeast recorded temperatures 4°F or more above normal for the month. Meanwhile, most of the Southwest experienced dry weather, while above-normal precipitation was recorded in much of the Great Lakes, mid-Atlantic, Pacific Northwest, and the South. Parts of the Pacific Northwest and the South recorded at least 7 inches of rain during the month.

By April 2, producers had planted 2 percent of the nation's corn crop, equal to both last year and the 5-year average. By April 16, producers had planted 8 percent of the nation's corn, 4 percentage points ahead of last year and 3 points ahead of average. By April 30, producers had planted 26 percent of the nation's corn, 13 percentage points ahead of last year but equal to the average. At that time, progress was furthest advanced in Missouri and Texas, with 80 and 74 percent planted, respectively. Six percent of the nation's corn acreage had emerged by April 30, three percentage points ahead of the previous year and 1 point ahead of average.

Four percent of the nation's soybean acreage was planted by April 16, three percentage points ahead of both last year and the 5-year average. Nineteen percent of the soybean acreage was planted by April 30, twelve percentage points ahead of last year and 8 points ahead of average. By April 30, progress was furthest advanced in Louisiana with 59 percent, 3 percentage points ahead of last year and 20 points ahead of average.

By April 2, six percent of the nation's winter wheat crop was headed, 2 percentage points ahead of last year and 4 points ahead of the 5-year average. By April 16, ten percent of the nation's winter wheat was headed, 3 percentage points ahead of last year and 2 points ahead of average. By April 30, twenty-five percent of the winter wheat was headed, 4 percentage points ahead of last year and 2 points ahead of average. On April 30, twenty-eight percent of the 2023 winter wheat crop was reported in good to excellent condition, 1 percentage point above the same time last year. In Kansas, the largest winter wheat-producing State, 64 percent of the winter wheat was rated in poor to very poor condition.




Nationwide, 4 percent of the cotton crop was planted by April 2, equal to the previous year but 1 percentage point behind the 5-year average. By April 16, eight percent of the cotton crop was planted, 2 percentage points behind the previous year and 1 point behind average. By April 30, fifteen percent of the cotton crop was planted, equal to the previous year but 1 percentage point ahead of average. At that time, progress was furthest advanced in California with 85 percent planted, 9 percentage points behind last year but 20 points ahead of average.

Thirteen percent of the nation's sorghum acreage was planted by April 2, equal to both last year and the 5-year average. Fifteen percent of the nation's sorghum acreage was planted by April 16, two percentage points behind both the previous year and the 5-year average. Twenty-one percent of the nation's sorghum was planted by April 30, one percentage point ahead of the previous year but 1 percentage point behind average. Texas had planted 69 percent of its sorghum acreage by April 30, three percentage points ahead of the previous year but equal to the 5-year average.

By April 2, producers had seeded 17 percent of the 2023 rice acreage, 6 percentage points ahead of the previous year and 3 points ahead of the 5-year average. By April 2, ten percent of the nation's rice acreage had emerged, 4 percentage points ahead of both last year and the 5-year average. By April 16, producers had seeded 38 percent of the 2023 rice acreage, 17 percentage points ahead of the previous year and 10 points ahead of average. By April 16, eighteen percent of the nation's rice acreage had emerged, 5 percentage points ahead of last year and 3 points ahead of average. By April 30, producers had seeded 63 percent of the 2023 rice acreage, 21 percentage points ahead of the previous year and 14 points ahead of average. At that time, progress was furthest advanced in Louisiana and Texas, with 89 and 83 percent planted, respectively. By April 30, thirty-nine percent of the nation's rice acreage had emerged, 16 percentage points ahead of last year and 10 points ahead of average.

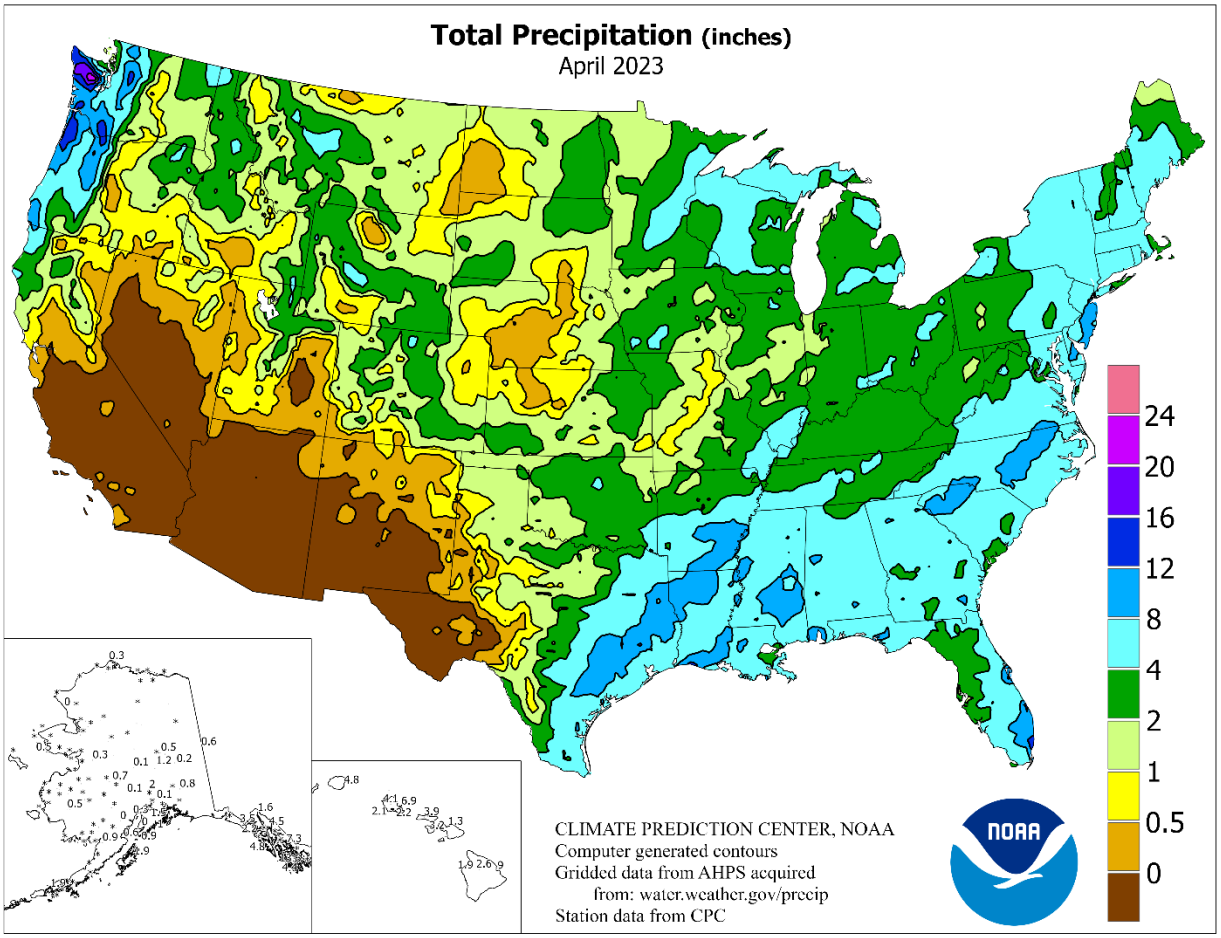
Nationally, oat producers had seeded 25 percent of this year's acreage by April 2, equal to both last year and the 5-year average. Twenty-four percent of the nation's oat acreage was emerged by April 2, one percentage point ahead of both the previous year and the 5-year average. Oat producers had seeded 36 percent of this year's acreage by April 16, three percentage points ahead of the previous year and 1 point ahead of average. Twenty-six percent of the nation's oat acreage was emerged by April 16, two percentage points ahead of the previous year but equal to the 5-year average. Nationally, oat producers had seeded 49 percent of this year's acreage by April 30, five percentage points ahead of the previous year but 3 points behind average. Thirty-three percent of the nation's oat acreage was emerged by April 30, three percentage points ahead of the previous year but 2 points behind average.

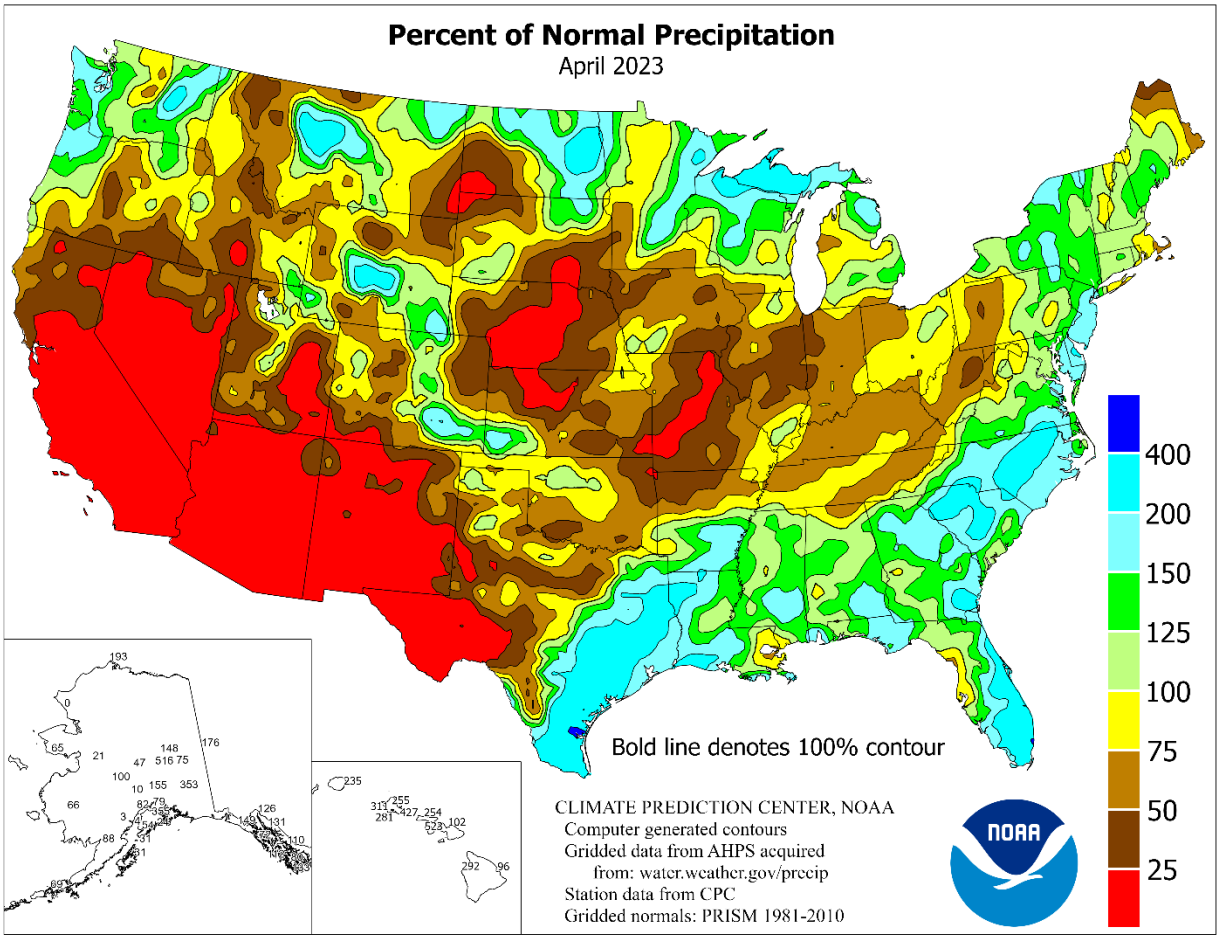
Five percent of the nation's barley crop was planted by April 16, eleven percentage points behind last year and 9 points behind the 5-year average. Nineteen percent of the nation's barley crop was planted by April 30, fifteen percentage points behind last year and 16 points behind average. At that time, progress was furthest advanced in Washington and Idaho, with 55 and 47 percent planted, respectively. Three percent of the nation's barley crop had emerged by April 30, six percentage points behind the previous year and 7 points behind the 5-year average.

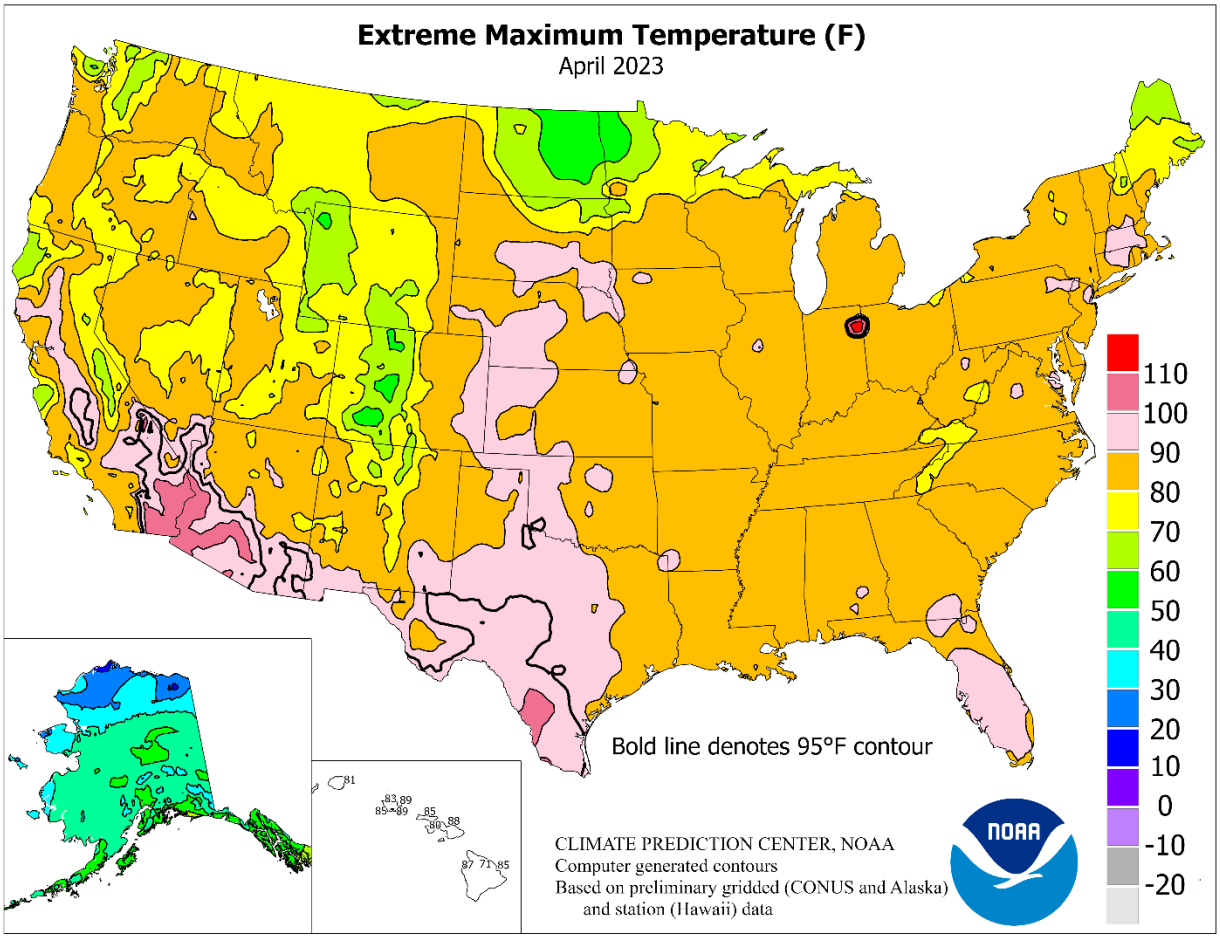
By April 16, three percent of the spring wheat crop was seeded, 5 percentage points behind last year and 4 points behind the 5-year average. By April 30, twelve percent of the spring wheat crop was seeded, 6 percentage points behind last year and 10 points behind the 5-year average. At that time, progress was furthest advanced in Washington with 74 percent planted, 1 percentage point behind last year and 3 points behind the 5-year average. By April 30, two percent of the nation's spring wheat crop had emerged, 3 percentage points behind the previous year and 4 points behind the 5-year average.

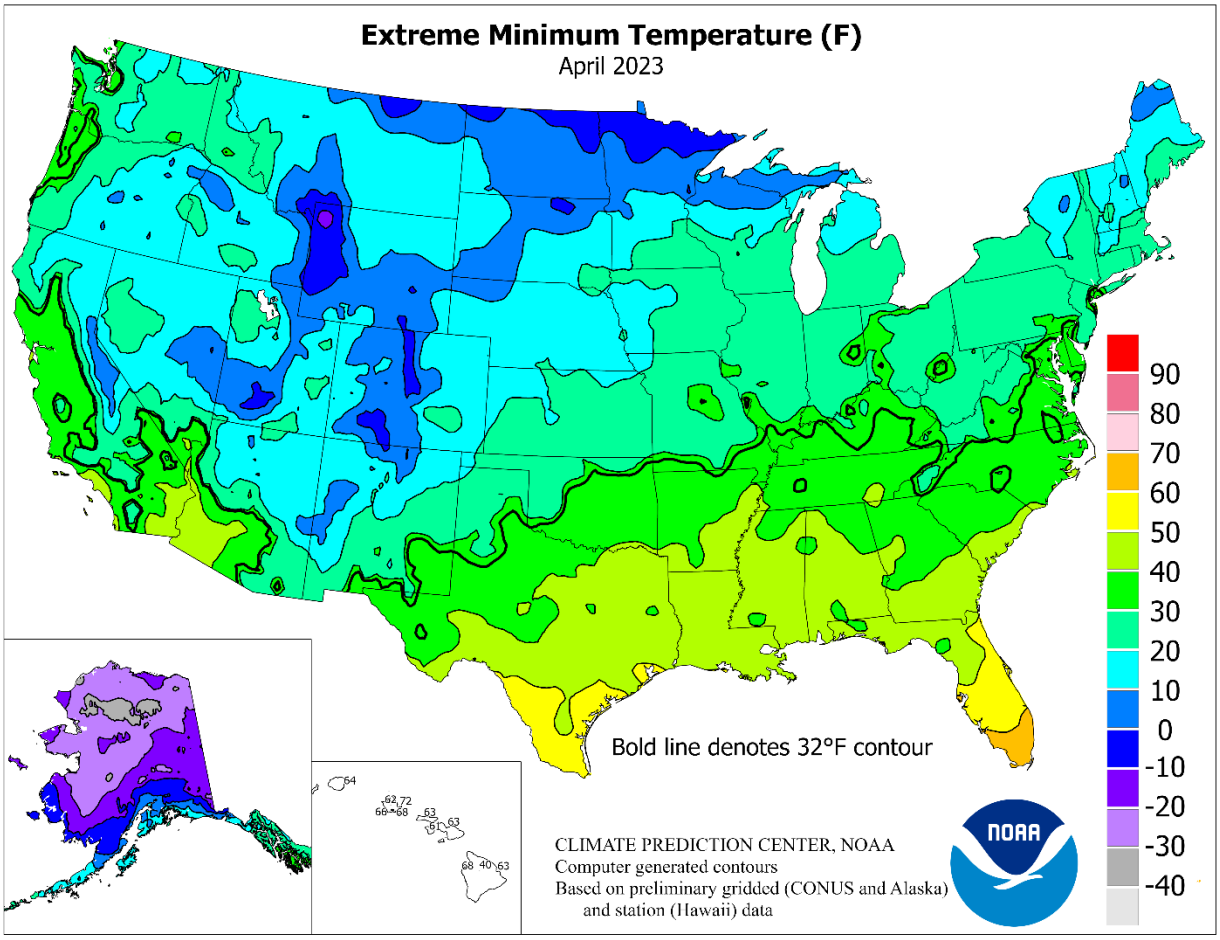
Nationally, peanut producers had planted 1 percent of the 2023 peanut acreage by April 16, one percentage point behind both the previous year and the 5-year average. Nationally, peanut producers had planted 8 percent of the 2023 peanut acreage by April 30, one percentage point behind the previous year and 2 points behind the 5-year average. At that time, producers in Florida had planted 24 percent of the 2023 intended acreage, 1 percentage point behind last year but equal to the 5-year average.

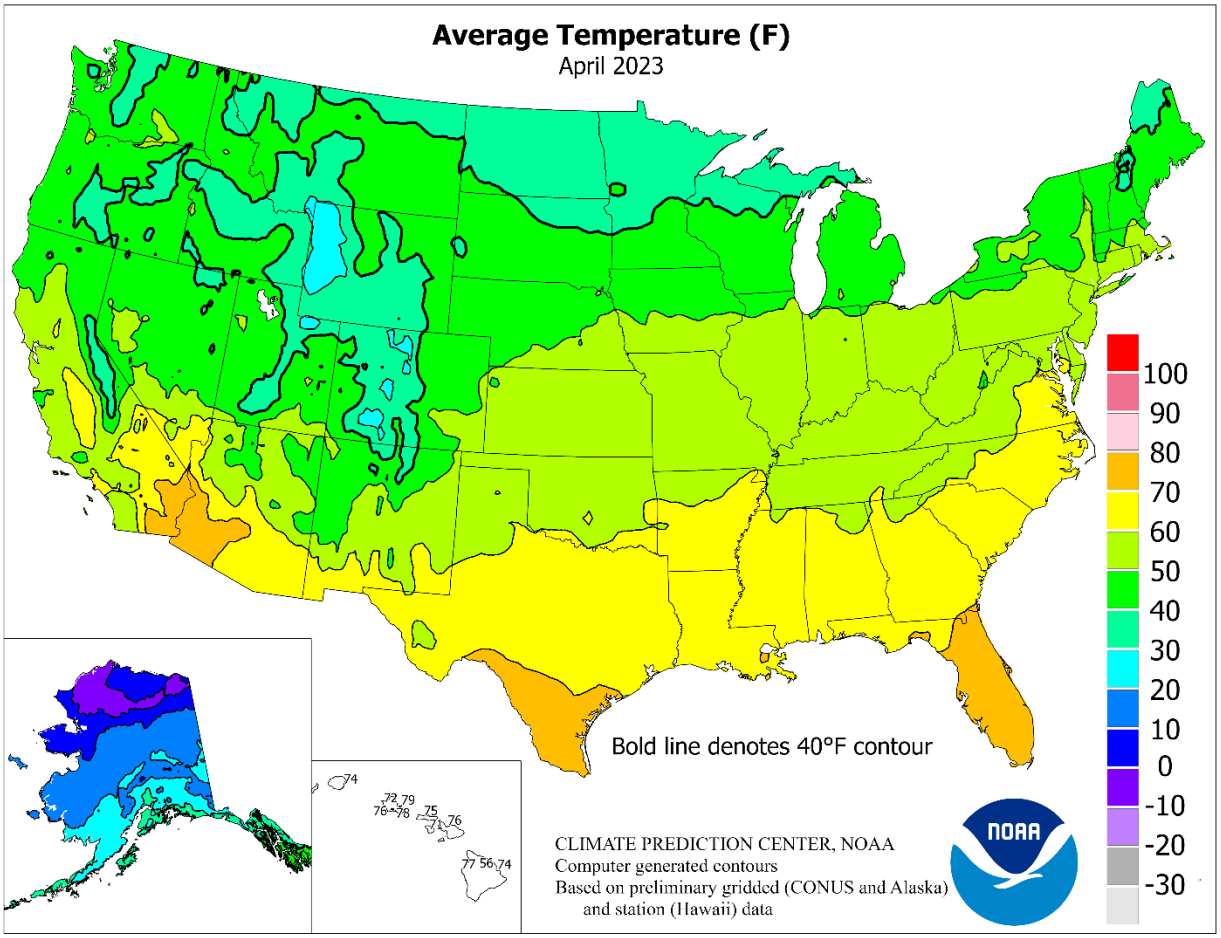
By April 16, thirteen percent of the sugarbeet crop was planted, 6 percentage points ahead of last year but equal to the 5-year average. By April 30, twenty-four percent of the sugarbeet crop was planted, 7 percentage points ahead of last year but 14 points behind the 5-year average. At that time, progress was furthest advanced in Michigan and Idaho, with 76 and 71 percent planted, respectively.

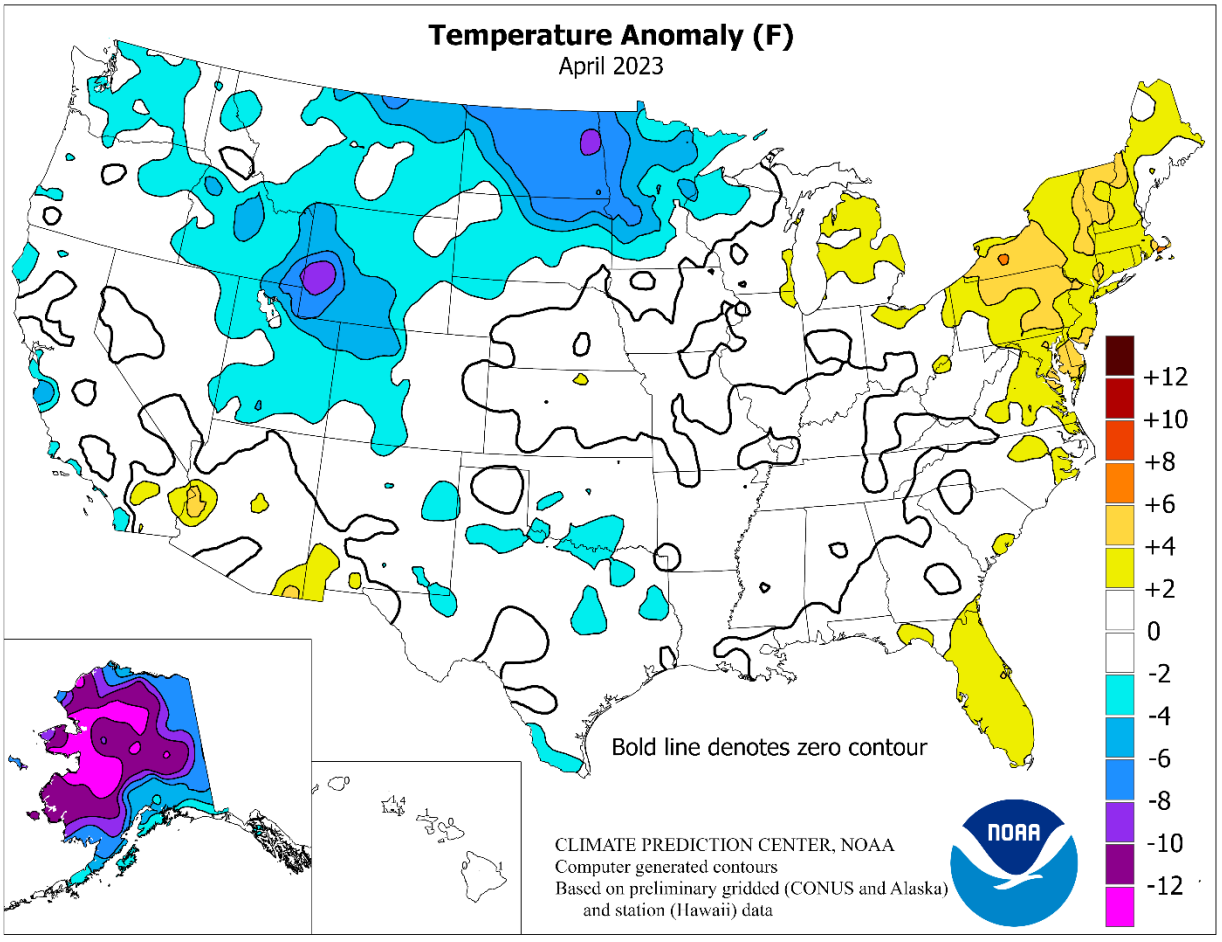

Total Precipitation (inches)
April 2023
24
20
16
12
8
4
2
1
0.5
0
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Gridded data from AHPS acquired
from: water.weather.gov/precip
Station data from CPC
NOAA


Percent of Normal Precipitation
April 2023
400
200
150
125
100
75
50
25
Bold line denotes 100% contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Gridded data from AHPS acquired
from: water.weather.gov/precip
Station data from CPC
Gridded normals: PRISM 1981-2010
NOAA


Extreme Maximum Temperature (F)
April 2023
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA


Extreme Minimum Temperature (F)
April 2023
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA


Average Temperature (F)
April 2023
100
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
Bold line denotes 40°F contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA


Temperature Anomaly (F)
April 2023
+12
+10
+8
+6
+4
+2
0
-2
-4
-6
-8
-10
-12
Bold line denotes zero contour
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary gridded (CONUS and Alaska)
and station (Hawaii) data
NOAA

# National Weather Data for Selected Cities

## April 2023

### Data Provided by Climate Prediction Center

| STATES AND STATIONS | TEMP, ˚F | | PRECIP. | | STATES AND STATIONS | TEMP, ˚F | | PRECIP. | | STATES AND STATIONS | TEMP, ˚F | | PRECIP. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AVERAGE | DEPARTURE | TOTAL | DEPARTURE | | AVERAGE | DEPARTURE | TOTAL | DEPARTURE | | AVERAGE | DEPARTURE | TOTAL | DEPARTURE |
| AK ANCHORAGE | 33 | -5 | 1.54 | 1.10 | WICHITA | 57 | 0 | 0.58 | -2.52 | TOLEDO | 52 | 1 | 2.02 | -1.43 |
| BARROW | -2 | 0 | 0.34 | 0.17 | KY LEXINGTON | 57 | 1 | 2.14 | -2.28 | YOUNGSTOWN | 51 | 2 | 2.80 | -0.96 |
| FAIRBANKS | 22 | -11 | 0.51 | 0.17 | LOUISVILLE | 59 | 0 | 2.36 | -2.44 | OK OKLAHOMA CITY | 58 | -1 | 3.42 | -0.18 |
| JUNEAU | 40 | 0 | 4.55 | 1.08 | PADUCAH | 59 | 0 | 3.39 | -1.78 | TULSA | 60 | -1 | 2.64 | -1.73 |
| KODIAK | 37 | -3 | 1.88 | -4.26 | LA BATON ROUGE | 70 | 2 | 7.92 | 2.84 | OR ASTORIA | 47 | -1 | 8.31 | 2.51 |
| NOME | 9 | -14 | 0.48 | -0.26 | LAKE CHARLES | 67 | -2 | 10.46 | 6.02 | BURNS | 42 | -2 | 0.91 | -0.04 |
| AL BIRMINGHAM | 63 | 0 | 6.88 | 1.80 | NEW ORLEANS | 71 | 1 | 3.15 | -2.07 | EUGENE | 51 | 0 | 4.69 | 1.37 |
| HUNTSVILLE | 61 | -2 | 3.40 | -1.46 | SHREVEPORT | 65 | -1 | 0.00 | -5.19 | MEDFORD | 53 | 0 | 0.80 | -0.71 |
| MOBILE | 69 | 2 | 8.55 | 2.84 | MA BOSTON | 51 | 2 | 3.11 | -0.52 | PENDLETON | 50 | 0 | 1.71 | 0.50 |
| MONTGOMERY | 67 | 1 | 5.67 | 1.68 | WORCESTER | 51 | 5 | 4.93 | 0.84 | PORTLAND | 52 | -1 | 4.98 | 2.09 |
| AR FORT SMITH | 62 | 0 | 2.62 | -2.25 | MD BALTIMORE | 60 | 5 | 4.10 | 0.72 | SALEM | 50 | -1 | 5.27 | 2.15 |
| LITTLE ROCK | 63 | 2 | 9.72 | 4.13 | ME CARIBOU | 40 | 2 | 1.04 | -1.95 | PA ALLENTOWN | 54 | 2 | 5.97 | 2.30 |
| AZ FLAGSTAFF | 44 | 0 | 0.04 | -0.85 | PORTLAND | 45 | 0 | 5.76 | 1.35 | ERIE | 50 | 2 | 2.80 | -0.66 |
| PHOENIX | 74 | 1 | 0.00 | -0.22 | MI ALPENA | 44 | 3 | 4.11 | 1.18 | MIDDLETOWN | 57 | 4 | 5.20 | 1.65 |
| PRESCOTT | 54 | 1 | 0.00 | -0.47 | GRAND RAPIDS | 49 | 1 | 3.04 | -0.95 | PHILADELPHIA | 58 | 4 | 5.14 | 1.67 |
| TUCSON | 70 | 2 | 0.00 | -0.24 | HOUGHTON LAKE | 44 | 3 | 2.18 | -0.72 | PITTSBURGH | 52 | 1 | 1.91 | -1.41 |
| CA BAKERSFIELD | 63 | 0 | 0.00 | -0.59 | LANSING | 50 | 3 | 3.83 | 0.57 | WILKES-BARRE | 55 | 5 | 4.43 | 1.18 |
| EUREKA | 47 | -3 | 2.78 | -0.86 | MUSKEGON | 49 | 2 | 2.20 | -1.27 | WILLIAMSPORT | 54 | 4 | 3.99 | 0.37 |
| FRESNO | 64 | 1 | 0.00 | -1.04 | TRAVERSE CITY | 48 | 5 | 2.37 | -0.42 | RI PROVIDENCE | 51 | 2 | 5.14 | 0.84 |
| LOS ANGELES | 59 | -2 | 0.09 | -0.51 | MN DULUTH | 36 | -4 | 3.04 | 0.51 | SC CHARLESTON | 68 | 2 | 2.66 | -0.63 |
| REDDING | 60 | 0 | 0.91 | -1.49 | INT_L FALLS | 35 | -3 | 1.75 | 0.11 | COLUMBIA | 64 | 0 | 5.00 | 2.17 |
| SACRAMENTO | 60 | 0 | 0.15 | -1.11 | MINNEAPOLIS | 46 | -1 | 2.37 | -0.54 | FLORENCE | 64 | 0 | 3.43 | 0.43 |
| SAN DIEGO | 60 | -3 | 0.12 | -0.53 | ROCHESTER | 45 | 0 | 2.77 | -0.75 | GREENVILLE | 60 | -1 | 9.97 | 5.93 |
| SAN FRANCISCO | 56 | -1 | 0.10 | -1.26 | ST. CLOUD | 41 | -3 | 3.77 | 1.16 | SD ABERDEEN | 37 | -7 | 1.05 | -0.86 |
| STOCKTON | 60 | -1 | 0.14 | -0.96 | MO COLUMBIA | 58 | 1 | 0.58 | -4.30 | HURON | 44 | -2 | 0.56 | -1.96 |
| CO ALAMOSA | 40 | -2 | 0.13 | -0.44 | KANSAS CITY | 55 | 1 | 2.75 | -1.31 | RAPID CITY | 42 | -2 | 2.19 | 0.11 |
| CO SPRINGS | 46 | -1 | 1.45 | 0.00 | SAINT LOUIS | 58 | 1 | 2.12 | -2.61 | SIOUX FALLS | 48 | 0 | 0.85 | -2.14 |
| DENVER INTL | 48 | 0 | 0.76 | -0.92 | SPRINGFIELD | 57 | 0 | 1.70 | -3.02 | TN BRISTOL | 57 | 1 | 2.64 | -1.15 |
| GRAND JUNCTION | 50 | -2 | 0.77 | -0.21 | MS JACKSON | 65 | 0 | 8.44 | 2.61 | CHATTANOOGA | 61 | -1 | 4.47 | -0.39 |
| PUEBLO | 51 | -1 | 2.32 | 0.75 | MERIDIAN | 64 | -1 | 7.84 | 2.28 | KNOXVILLE | 59 | -1 | 3.26 | -1.46 |
| CT BRIDGEPORT | 52 | 2 | 4.36 | 0.20 | TUPELO | 62 | -1 | 7.30 | 1.78 | MEMPHIS | 61 | -2 | 6.32 | 0.45 |
| HARTFORD | 53 | 4 | 5.98 | 2.10 | MT BILLINGS | 45 | -1 | 0.72 | -1.00 | NASHVILLE | 60 | 0 | 3.21 | -1.51 |
| DC WASHINGTON | 62 | 4 | 3.55 | 0.34 | BUTTE | 35 | -4 | 1.30 | -0.03 | TX ABILENE | 65 | -1 | 1.36 | -0.49 |
| DE WILMINGTON | 59 | 6 | 4.39 | 0.87 | CUT BANK | 40 | 0 | 0.52 | -0.43 | AMARILLO | 57 | -1 | 0.94 | -0.51 |
| FL DAYTONA BEACH | 74 | 3 | 5.12 | 2.89 | GLASGOW | 40 | -5 | 0.74 | -0.27 | AUSTIN | 68 | -1 | 4.17 | 1.76 |
| JACKSONVILLE | 70 | 2 | 2.45 | -0.48 | GREAT FALLS | 41 | -1 | 2.38 | 0.66 | BEAUMONT | 69 | 0 | 6.61 | 2.69 |
| KEY WEST | 80 | 2 | 1.67 | -0.40 | HAVRE | 42 | -2 | 0.49 | -0.52 | BROWNSVILLE | 74 | -2 | 5.06 | 3.59 |
| MIAMI | 79 | 3 | 9.15 | 5.79 | MISSOULA | 45 | 1 | 0.52 | -0.84 | CORPUS CHRISTI | 73 | -1 | 7.43 | 5.39 |
| ORLANDO | 76 | 4 | 3.52 | 0.94 | NC ASHEVILLE | 57 | 0 | 5.76 | 1.59 | DEL RIO | 75 | 2 | 1.18 | -0.32 |
| PENSACOLA | 70 | 2 | 6.31 | 0.79 | CHARLOTTE | 62 | 1 | 6.31 | 2.46 | EL PASO | 68 | 1 | 0.00 | -0.17 |
| TALLAHASSEE | 70 | 2 | 3.35 | -0.18 | GREENSBORO | 60 | 0 | 7.28 | 3.50 | FORT WORTH | 65 | 0 | 2.91 | -0.32 |
| TAMPA | 77 | 3 | 0.88 | -1.67 | HATTERAS | 63 | 2 | 2.43 | -1.50 | GALVESTON | 72 | 0 | 2.53 | 0.48 |
| WEST PALM BEACH | 78 | 3 | 11.11 | 7.43 | RALEIGH | 63 | 2 | 8.48 | 4.96 | HOUSTON | 68 | -2 | 5.84 | 1.89 |
| GA ATHENS | 61 | -1 | 6.02 | 2.50 | WILMINGTON | 67 | 3 | 6.33 | 3.26 | LUBBOCK | 60 | -1 | 0.11 | -1.22 |
| ATLANTA | 63 | 0 | 4.30 | 0.48 | ND BISMARCK | 37 | -6 | 0.76 | -0.57 | MIDLAND | 64 | -2 | 0.00 | -0.70 |
| AUGUSTA | 63 | -1 | 6.55 | 3.63 | DICKINSON | 38 | -3 | 0.07 | -1.30 | SAN ANGELO | 67 | 0 | 0.20 | -1.27 |
| COLUMBUS | 65 | -1 | 2.93 | -1.10 | FARGO | 37 | -6 | 1.47 | -0.07 | SAN ANTONIO | 69 | 0 | 4.69 | 2.27 |
| MACON | 64 | 0 | 2.95 | -0.67 | GRAND FORKS | 33 | -8 | 1.47 | 0.26 | VICTORIA | 70 | 0 | 5.16 | 2.15 |
| SAVANNAH | 68 | 2 | 3.20 | -0.19 | JAMESTOWN | 34 | -7 | 0.54 | -0.70 | WACO | 63 | -4 | 3.87 | 0.57 |
| HI HILO | 74 | 1 | 9.02 | -0.38 | NE GRAND ISLAND | 51 | 0 | 0.15 | -2.37 | WICHITA FALLS | 61 | -2 | 2.21 | -0.29 |
| HONOLULU | 78 | 1 | 2.16 | 1.39 | LINCOLN | 53 | 1 | 0.59 | -2.10 | UT SALT LAKE CITY | 50 | -1 | 2.65 | 0.49 |
| KAHULUI | 76 | 0 | 1.34 | 0.02 | NORFOLK | 50 | 1 | 0.43 | -2.31 | VA LYNCHBURG | 60 | 3 | 4.71 | 1.26 |
| LIHUE | 74 | 0 | 4.78 | 2.74 | NORTH PLATTE | 48 | 0 | 0.04 | -2.24 | NORFOLK | 63 | 2 | 3.85 | 0.48 |
| IA BURLINGTON | 53 | 0 | 1.21 | -2.71 | OMAHA | 53 | 0 | 3.28 | 0.11 | RICHMOND | 62 | 3 | 3.74 | 0.56 |
| CEDAR RAPIDS | 50 | 1 | 1.24 | -2.32 | SCOTTSBLUFF | 47 | 0 | 0.54 | -1.38 | ROANOKE | 59 | 1 | 3.89 | 0.40 |
| DES MOINES | 52 | 1 | 2.54 | -1.48 | VALENTINE | 46 | -1 | 0.77 | -1.71 | WASH/DULLES | 59 | 4 | 3.27 | -0.20 |
| DUBUQUE | 48 | 1 | 1.81 | -2.25 | NH CONCORD | 48 | 2 | 1.54 | -1.89 | VT BURLINGTON | 50 | 5 | 2.88 | -0.19 |
| SIOUX CITY | 50 | 1 | 1.22 | -1.93 | NJ ATLANTIC_CITY | 56 | 4 | 6.45 | 3.13 | WA OLYMPIA | 46 | -2 | 6.08 | 2.42 |
| WATERLOO | 50 | 1 | 1.22 | -2.82 | NEWARK | 58 | 4 | 8.09 | 4.21 | QUILLAYUTE | 46 | -1 | 11.54 | 3.43 |
| ID BOISE | 50 | -1 | 0.52 | -0.71 | NM ALBUQUERQUE | 57 | 0 | 0.00 | -0.51 | SEATTLE-TACOMA | 48 | -3 | 3.77 | 0.58 |
| LEWISTON | 51 | 0 | 1.02 | -0.41 | NV ELY | 42 | -2 | 0.29 | -0.78 | SPOKANE | 46 | -1 | 1.01 | -0.24 |
| POCATELLO | 43 | -3 | 0.62 | -0.57 | LAS VEGAS | 68 | 0 | 0.00 | -0.20 | YAKIMA | 48 | -2 | 1.01 | 0.46 |
| IL CHICAGO/O_HARE | 52 | 2 | 1.94 | -1.81 | RENO | 52 | 0 | 0.17 | -0.27 | WI EAU CLAIRE | 45 | 0 | 2.60 | -0.48 |
| MOLINE | 53 | 1 | 1.09 | -2.72 | WINNEMUCCA | 47 | -1 | 0.38 | -0.62 | GREEN BAY | 46 | 2 | 2.61 | -0.40 |
| PEORIA | 54 | 1 | 1.72 | -2.28 | NY ALBANY | 52 | 4 | 4.27 | 1.16 | LA CROSSE | 49 | 0 | 1.51 | -2.24 |
| ROCKFORD | 49 | 0 | 2.63 | -1.11 | BINGHAMTON | 51 | 6 | 4.35 | 0.72 | MADISON | 48 | 1 | 2.27 | -1.51 |
| SPRINGFIELD | 55 | 0 | 2.02 | -1.95 | BUFFALO | 49 | 4 | 4.28 | 0.91 | MILWAUKEE | 49 | 3 | 2.18 | -1.68 |
| IN EVANSVILLE | 57 | 0 | 2.70 | -2.44 | ROCHESTER | 50 | 3 | 3.26 | 0.27 | WV BECKLEY | 54 | 1 | 3.20 | -0.37 |
| FORT WAYNE | 52 | 2 | 1.28 | -2.46 | SYRACUSE | 52 | 5 | 4.61 | 1.13 | CHARLESTON | 57 | 0 | 1.82 | -1.74 |
| INDIANAPOLIS | 54 | 0 | 2.28 | -2.06 | OH AKRON-CANTON | 52 | 1 | 3.96 | 0.10 | ELKINS | 51 | 0 | 1.89 | -2.21 |
| SOUTH BEND | 50 | 2 | 2.31 | -1.18 | CINCINNATI | 54 | 0 | 3.75 | -0.78 | HUNTINGTON | 58 | 0 | 3.33 | -0.59 |
| KS CONCORDIA | 56 | 3 | 1.08 | -1.45 | CLEVELAND | 52 | 1 | 2.42 | -1.33 | WY CASPER | 39 | -3 | 1.46 | 0.05 |
| DODGE CITY | 55 | 1 | 1.63 | -0.36 | COLUMBUS | 54 | 0 | 3.01 | -0.84 | CHEYENNE | 42 | -1 | 1.19 | -0.60 |
| GOODLAND | 50 | 0 | 0.56 | -1.14 | DAYTON | 53 | 0 | 3.02 | -1.43 | LANDER | 39 | -4 | 2.82 | 0.75 |
| TOPEKA | 57 | 2 | 1.79 | -2.02 | MANSFIELD | 51 | 2 | 3.08 | -1.19 | SHERIDAN | 41 | -3 | 1.24 | -0.63 |

**Based on 1991-2020 normals**

***** Not Available**

# National Agricultural Summary

## May 1 – 7, 2023

*Weekly National Agricultural Summary provided by USDA/NASS*

## HIGHLIGHTS

**Large parts of California, Nevada, the Northeast, and Pacific Northwest, as well as parts of the central Gulf Coast, Great Lakes, mid-Atlantic, northern Rockies, and Great Plains recorded at least twice the normal amount of weekly precipitation. Some areas in Maine recorded at least 5 inches of weekly rainfall. Meanwhile, much of the West—except for California and parts of Nevada—was warmer than normal for the week. Parts of Idaho, Montana, Washington, and Wyoming recorded temperatures 9°F or more above normal. In contrast, parts of California and western Nevada recorded temperatures 9°F or more below normal. Most of the eastern half of the nation was cooler than normal, with temperatures averaging 6°F or more below normal in much of the mid-Atlantic, Ohio Valley, Southeast, and Tennessee Valley.**

**Corn:** By May 7, producers had planted 49 percent of the nation's corn crop, 28 percentage points ahead of last year and 7 points ahead of the 5-year average. Weekly advances of 10 percentage points or more were reported in 13 of the 18 estimating states. Seventy percent of Iowa's intended corn acreage was planted by week's end, 57 percentage points ahead of last year and 17 points ahead of average. Twelve percent of the nation's corn acreage had emerged by May 7, seven percentage points ahead of the previous year and 1 point ahead of average.

**Soybean:** Thirty-five percent of the nation's soybean acreage was planted by May 7, twenty-four percentage points ahead of last year and 14 points ahead of the 5-year average. Weekly advances of 10 percentage points or more were reported in 13 of the 18 estimating states. Nine percent of the nation's soybean acreage had emerged by May 7, six percentage points ahead of last year and 5 points ahead of average.

**Winter Wheat:** By May 7, thirty-eight percent of the nation's winter wheat crop was headed, 6 percentage points ahead of last year and 3 points ahead of the 5-year average. On May 7, twenty-nine percent of the 2023 winter wheat crop was reported in good to excellent condition, 1 percentage point above the previous week but equal to last year. In Kansas, the largest winter wheat-producing state, 68 percent of the winter wheat crop was rated in poor to very poor condition.

**Cotton:** Nationwide, 22 percent of the cotton crop was planted by May 7, one percentage point behind both the previous year and the 5-year average. Weekly advances of 10 percentage points or more were reported in eight of the 15 estimating states. Progress was furthest advanced in California and Arizona, with 89 and 67 percent planted, respectively.

**Sorghum:** Twenty-four percent of the nation's sorghum acreage was planted by May 7, two percentage points ahead of the previous year but equal to the 5-year average. Texas had planted 73 percent of its sorghum acreage by May 7, four percentage points ahead of the previous year but equal to the average.

**Rice:** By May 7, producers had seeded 72 percent of the 2023 rice acreage, 9 percentage points ahead of both the previous year and the 5-year average. Weekly advances of 10 percentage points or more were reported in four of the six estimating states. Progress was furthest advanced in Louisiana and Texas, with 94 and 89 percent planted, respectively. By May 7, fifty-five percent of the nation's rice acreage had emerged, 20 percentage points ahead of last year and 14 points ahead of average.

**Small Grains:** Nationally, oat producers had seeded 60 percent of this year's acreage by May 7, six percentage points ahead of the previous year but 4 points behind the 5-year average. During the week, oat planting progress in South Dakota and Minnesota advanced by 27 and 26 percentage points, respectively. Forty-two percent of the nation's oat acreage had emerged by May 7, seven percentage points ahead of the previous year but 1 point behind average.

Thirty-eight percent of the nation's barley crop was planted by May 7, eight percentage points behind last year and 12 points behind the 5-year average. Barley planting progress was behind average in four of the five estimating states. Eleven percent of the nation's barley crop had emerged by May 7, nine percentage points behind the previous year and 8 points behind average.

By May 7, twenty-four percent of the spring wheat crop was seeded, 2 percentage points behind last year and 14 points behind the 5-year average. Progress was furthest advanced in Washington with 89 percent planted, 5 percentage points ahead of last year and 4 points ahead of average. By May 7, five percent of the nation's spring wheat crop had emerged, 3 percentage points behind the previous year and 6 points behind average.

**Other Crops:** Nationally, peanut producers had planted 17 percent of the 2023 peanut acreage by May 7, six percentage points behind both the previous year and the 5-year average. Producers in Georgia, the largest peanut-producing state, had planted 13 percent of the 2023 intended acreage by week's end, 13 percentage points behind the previous year and 12 points behind average.

By May 7, forty-one percent of the sugarbeet crop was planted, 16 percentage points ahead of last year but 15 points behind the 5-year average. Progress was furthest advanced in Idaho and Michigan, with 95 and 85 percent planted, respectively.

# Crop Progress and Condition

## Week Ending May 7, 2023

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

### Corn Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| CO | 22 | 6 | 22 | 29 |
| IL | 14 | 40 | 73 | 46 |
| IN | 10 | 20 | 36 | 29 |
| IA | 13 | 29 | 70 | 53 |
| KS | 44 | 34 | 47 | 48 |
| KY | 37 | 52 | 66 | 51 |
| MI | 4 | 2 | 6 | 18 |
| MN | 8 | 5 | 38 | 39 |
| MO | 31 | 80 | 92 | 56 |
| NE | 37 | 30 | 56 | 51 |
| NC | 89 | 70 | 85 | 84 |
| ND | 1 | 0 | 1 | 11 |
| OH | 5 | 10 | 11 | 17 |
| PA | 12 | 14 | 17 | 15 |
| SD | 10 | 1 | 26 | 24 |
| TN | 61 | 60 | 79 | 66 |
| TX | 80 | 74 | 77 | 77 |
| WI | 6 | 2 | 14 | 25 |
| 18 Sts | 21 | 26 | 49 | 42 |

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

### Corn Percent Emerged

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| CO | 0 | 0 | 0 | 3 |
| IL | 1 | 4 | 17 | 14 |
| IN | 1 | 1 | 6 | 7 |
| IA | 0 | 1 | 6 | 9 |
| KS | 16 | 10 | 20 | 20 |
| KY | 12 | 24 | 36 | 26 |
| MI | 0 | 0 | 0 | 1 |
| MN | 0 | 0 | 2 | 5 |
| MO | 9 | 31 | 56 | 25 |
| NE | 4 | 1 | 11 | 9 |
| NC | 73 | 48 | 65 | 66 |
| ND | 0 | 0 | 0 | 0 |
| OH | 0 | 0 | 2 | 3 |
| PA | 0 | 1 | 2 | 1 |
| SD | 0 | 0 | 0 | 1 |
| TN | 23 | 23 | 43 | 35 |
| TX | 63 | 65 | 67 | 61 |
| WI | 0 | 0 | 0 | 1 |
| 18 Sts | 5 | 6 | 12 | 11 |

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

### Cotton Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AL | 24 | 16 | 30 | 30 |
| AZ | 77 | 47 | 67 | 73 |
| AR | 29 | 9 | 30 | 21 |
| CA | 98 | 85 | 89 | 81 |
| GA | 20 | 8 | 13 | 22 |
| KS | 10 | 1 | 3 | 8 |
| LA | 55 | 17 | 40 | 39 |
| MS | 31 | 4 | 25 | 23 |
| MO | 18 | 5 | 40 | 19 |
| NC | 25 | 6 | 14 | 19 |
| OK | 4 | 0 | 5 | 8 |
| SC | 20 | 3 | 10 | 23 |
| TN | 12 | 5 | 15 | 11 |
| TX | 22 | 20 | 23 | 22 |
| VA | 26 | 31 | 47 | 22 |
| 15 Sts | 23 | 15 | 22 | 23 |

These 15 States planted 99% of last year's cotton acreage.

### Soybeans Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 36 | 43 | 58 | 34 |
| IL | 10 | 39 | 66 | 28 |
| IN | 6 | 18 | 33 | 20 |
| IA | 7 | 16 | 49 | 30 |
| KS | 15 | 14 | 29 | 14 |
| KY | 18 | 27 | 38 | 19 |
| LA | 70 | 59 | 71 | 56 |
| MI | 7 | 6 | 15 | 16 |
| MN | 2 | 1 | 13 | 21 |
| MS | 62 | 43 | 62 | 51 |
| MO | 7 | 34 | 50 | 12 |
| NE | 27 | 16 | 36 | 29 |
| NC | 26 | 9 | 15 | 19 |
| ND | 0 | 0 | 0 | 4 |
| OH | 4 | 14 | 16 | 10 |
| SD | 4 | 0 | 10 | 10 |
| TN | 18 | 23 | 38 | 16 |
| WI | 6 | 3 | 11 | 14 |
| 18 Sts | 11 | 19 | 35 | 21 |

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

### Soybeans Percent Emerged

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 19 | 26 | 40 | 19 |
| IL | 0 | 3 | 14 | 6 |
| IN | 0 | 0 | 5 | 4 |
| IA | 0 | 0 | 3 | 2 |
| KS | 1 | NA | 6 | 2 |
| KY | 2 | NA | 14 | 6 |
| LA | 52 | 39 | 56 | 36 |
| MI | 0 | 0 | 1 | 1 |
| MN | 0 | NA | 0 | 1 |
| MS | 37 | 29 | 39 | 32 |
| MO | 1 | 12 | 21 | 2 |
| NE | 1 | NA | 2 | 2 |
| NC | 13 | 1 | 8 | 6 |
| ND | 0 | NA | 0 | 0 |
| OH | 0 | 0 | 2 | 2 |
| SD | 0 | NA | 0 | 0 |
| TN | 3 | NA | 9 | 3 |
| WI | 0 | NA | 0 | 1 |
| 18 Sts | 3 | NA | 9 | 4 |

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

### Sorghum Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| CO | 0 | 3 | 9 | 2 |
| KS | 2 | 2 | 3 | 2 |
| NE | 2 | 1 | 6 | 5 |
| OK | 5 | 16 | 20 | 10 |
| SD | 5 | 0 | 5 | 3 |
| TX | 69 | 69 | 73 | 73 |
| 6 Sts | 22 | 21 | 24 | 24 |

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

### Peanuts Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AL | 20 | 12 | 26 | 25 |
| FL | 34 | 24 | 32 | 36 |
| GA | 26 | 6 | 13 | 25 |
| NC | 17 | 7 | 17 | 15 |
| OK | 4 | 0 | 5 | 8 |
| SC | 26 | 7 | 18 | 28 |
| TX | 4 | 0 | 9 | 9 |
| VA | 27 | 15 | 34 | 22 |
| 8 Sts | 23 | 8 | 17 | 23 |

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

# Crop Progress and Condition

## Week Ending May 7, 2023

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

### Winter Wheat Percent Headed

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 74 | 71 | 83 | 78 |
| CA | 84 | 83 | 88 | 82 |
| CO | 0 | 0 | 1 | 2 |
| ID | 1 | 0 | 0 | 2 |
| IL | 18 | 15 | 39 | 27 |
| IN | 4 | 5 | 16 | 12 |
| KS | 27 | 11 | 32 | 24 |
| MI | 0 | 0 | 1 | 0 |
| MO | 24 | 25 | 40 | 37 |
| MT | 0 | 0 | 0 | 0 |
| NE | 0 | 0 | 1 | 1 |
| NC | 85 | 77 | 93 | 79 |
| OH | 0 | 0 | 1 | 3 |
| OK | 57 | 43 | 77 | 73 |
| OR | 0 | 0 | 0 | 9 |
| SD | 0 | 0 | 0 | 0 |
| TX | 75 | 69 | 77 | 77 |
| WA | 0 | 0 | 1 | 3 |
| 18 Sts | 32 | 25 | 38 | 35 |

These 18 States planted 88% of last year's winter wheat acreage.

### Winter Wheat Condition by Percent

| | VP | P | F | G | EX |
|---|---|---|---|---|---|
| AR | 1 | 6 | 34 | 49 | 10 |
| CA | 0 | 0 | 5 | 50 | 45 |
| CO | 14 | 33 | 31 | 21 | 1 |
| ID | 0 | 6 | 49 | 40 | 5 |
| IL | 1 | 2 | 29 | 57 | 11 |
| IN | 2 | 4 | 16 | 57 | 21 |
| KS | 37 | 31 | 21 | 10 | 1 |
| MI | 2 | 4 | 30 | 52 | 12 |
| MO | 2 | 10 | 22 | 62 | 4 |
| MT | 1 | 1 | 44 | 49 | 5 |
| NE | 18 | 33 | 37 | 12 | 0 |
| NC | 0 | 0 | 7 | 76 | 17 |
| OH | 2 | 4 | 27 | 52 | 15 |
| OK | 30 | 34 | 29 | 7 | 0 |
| OR | 7 | 20 | 37 | 32 | 4 |
| SD | 5 | 12 | 65 | 17 | 1 |
| TX | 25 | 31 | 24 | 17 | 3 |
| WA | 2 | 8 | 24 | 63 | 3 |
| 18 Sts | 20 | 24 | 27 | 25 | 4 |
| Prev Wk | 19 | 23 | 30 | 25 | 3 |
| Prev Yr | 21 | 18 | 32 | 26 | 3 |

### Rice Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 55 | 68 | 79 | 63 |
| CA | 63 | 5 | 15 | 36 |
| LA | 91 | 89 | 94 | 90 |
| MS | 69 | 53 | 66 | 61 |
| MO | 27 | 73 | 85 | 52 |
| TX | 87 | 83 | 89 | 88 |
| 6 Sts | 63 | 63 | 72 | 63 |

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

### Rice Percent Emerged

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| AR | 29 | 34 | 56 | 39 |
| CA | 2 | 0 | 1 | 3 |
| LA | 84 | 83 | 88 | 83 |
| MS | 46 | 32 | 45 | 38 |
| MO | 4 | 31 | 61 | 28 |
| TX | 75 | 69 | 79 | 77 |
| 6 Sts | 35 | 39 | 55 | 41 |

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

### Oats Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| IA | 71 | 85 | 96 | 87 |
| MN | 21 | 10 | 36 | 47 |
| NE | 90 | 84 | 90 | 86 |
| ND | 10 | 1 | 6 | 21 |
| OH | 52 | 71 | 79 | 66 |
| PA | 50 | 68 | 75 | 63 |
| SD | 61 | 28 | 55 | 60 |
| TX | 100 | 100 | 100 | 100 |
| WI | 28 | 23 | 38 | 47 |
| 9 Sts | 54 | 49 | 60 | 64 |

These 9 States planted 69% of last year's oat acreage.

### Oats Percent Emerged

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| IA | 30 | 29 | 61 | 48 |
| MN | 2 | 3 | 19 | 20 |
| NE | 60 | 43 | 65 | 58 |
| ND | 0 | 0 | 0 | 2 |
| OH | 25 | 30 | 49 | 38 |
| PA | 13 | 37 | 44 | 39 |
| SD | 33 | 2 | 13 | 28 |
| TX | 100 | 100 | 100 | 100 |
| WI | 6 | 5 | 14 | 20 |
| 9 Sts | 35 | 33 | 42 | 43 |

These 9 States planted 69% of last year's oat acreage.

### Spring Wheat Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 70 | 45 | 63 | 81 |
| MN | 2 | 0 | 7 | 34 |
| MT | 47 | 12 | 32 | 41 |
| ND | 8 | 6 | 10 | 27 |
| SD | 61 | 17 | 56 | 60 |
| WA | 84 | 74 | 89 | 85 |
| 6 Sts | 26 | 12 | 24 | 38 |

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

### Spring Wheat Percent Emerged

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 37 | 12 | 38 | 37 |
| MN | 0 | 0 | 0 | 10 |
| MT | 15 | 0 | 1 | 11 |
| ND | 0 | 0 | 0 | 4 |
| SD | 26 | 0 | 9 | 24 |
| WA | 48 | 38 | 52 | 57 |
| 6 Sts | 8 | 2 | 5 | 11 |

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

# Crop Progress and Condition

## Week Ending May 7, 2023

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

### Barley Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 70 | 47 | 65 | 82 |
| MN | 4 | 1 | 9 | 30 |
| MT | 58 | 14 | 43 | 48 |
| ND | 5 | 1 | 6 | 23 |
| WA | 74 | 55 | 76 | 76 |
| 5 Sts | 46 | 19 | 38 | 50 |

These 5 States planted 84% of last year's barley acreage.

### Barley Percent Emerged

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 40 | 13 | 40 | 43 |
| MN | 0 | 0 | 2 | 10 |
| MT | 22 | 0 | 0 | 13 |
| ND | 0 | 0 | 0 | 3 |
| WA | 28 | 12 | 35 | 45 |
| 5 Sts | 20 | 3 | 11 | 19 |

These 5 States planted 84% of last year's barley acreage.

### Sugarbeets Percent Planted

| | Prev Year | Prev Week | May 7 2023 | 5-Yr Avg |
|---|---|---|---|---|
| ID | 94 | 71 | 95 | 92 |
| MI | 33 | 76 | 85 | 65 |
| MN | 7 | 0 | 23 | 45 |
| ND | 2 | 0 | 1 | 44 |
| 4 Sts | 25 | 24 | 41 | 56 |

These 4 States planted 86% of last year's sugarbeet acreage.

### Pasture and Range Condition by Percent
### Week Ending May 7, 2023

| | VP | P | F | G | EX | | VP | P | F | G | EX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AL | 0 | 2 | 13 | 82 | 3 | NH | 0 | 0 | 4 | 51 | 45 |
| AZ | 5 | 10 | 22 | 43 | 20 | NJ | 0 | 0 | 0 | 80 | 20 |
| AR | 3 | 13 | 47 | 32 | 5 | NM | 15 | 23 | 45 | 11 | 6 |
| CA | 0 | 0 | 5 | 60 | 35 | NY | 1 | 2 | 27 | 57 | 13 |
| CO | 11 | 25 | 35 | 28 | 1 | NC | 1 | 2 | 21 | 72 | 4 |
| CT | 0 | 0 | 0 | 100 | 0 | ND | 1 | 11 | 56 | 31 | 1 |
| DE | 1 | 3 | 36 | 52 | 8 | OH | 0 | 3 | 18 | 67 | 12 |
| FL | 1 | 27 | 41 | 24 | 7 | OK | 30 | 24 | 27 | 18 | 1 |
| GA | 2 | 7 | 30 | 54 | 7 | OR | 10 | 23 | 39 | 23 | 5 |
| ID | 0 | 11 | 31 | 57 | 1 | PA | 1 | 12 | 14 | 64 | 9 |
| IL | 0 | 2 | 32 | 52 | 14 | RI | 5 | 5 | 5 | 74 | 11 |
| IN | 1 | 4 | 27 | 61 | 7 | SC | 1 | 3 | 22 | 69 | 5 |
| IA | 2 | 9 | 46 | 38 | 5 | SD | 5 | 38 | 43 | 13 | 1 |
| KS | 34 | 30 | 25 | 10 | 1 | TN | 1 | 7 | 31 | 53 | 8 |
| KY | 2 | 4 | 24 | 59 | 11 | TX | 26 | 26 | 22 | 21 | 5 |
| LA | 1 | 6 | 38 | 51 | 4 | UT | 1 | 8 | 34 | 55 | 2 |
| ME | 25 | 0 | 56 | 17 | 2 | VT | 0 | 14 | 0 | 25 | 61 |
| MD | 1 | 9 | 22 | 63 | 5 | VA | 1 | 15 | 33 | 46 | 5 |
| MA | 5 | 5 | 5 | 75 | 10 | WA | 19 | 27 | 23 | 28 | 3 |
| MI | 8 | 5 | 27 | 45 | 15 | WV | 1 | 8 | 31 | 57 | 3 |
| MN | 14 | 10 | 38 | 33 | 5 | WI | 4 | 14 | 31 | 42 | 9 |
| MS | 3 | 8 | 43 | 40 | 6 | WY | 3 | 14 | 36 | 44 | 3 |
| MO | 2 | 18 | 38 | 39 | 3 | 48 Sts | 15 | 22 | 30 | 27 | 6 |
| MT | 17 | 21 | 33 | 25 | 4 | | | | | | |
| NE | 25 | 43 | 30 | 2 | 0 | Prev Wk | NA | NA | NA | NA | NA |
| NV | 0 | 20 | 35 | 35 | 10 | Prev Yr | 26 | 26 | 26 | 20 | 2 |

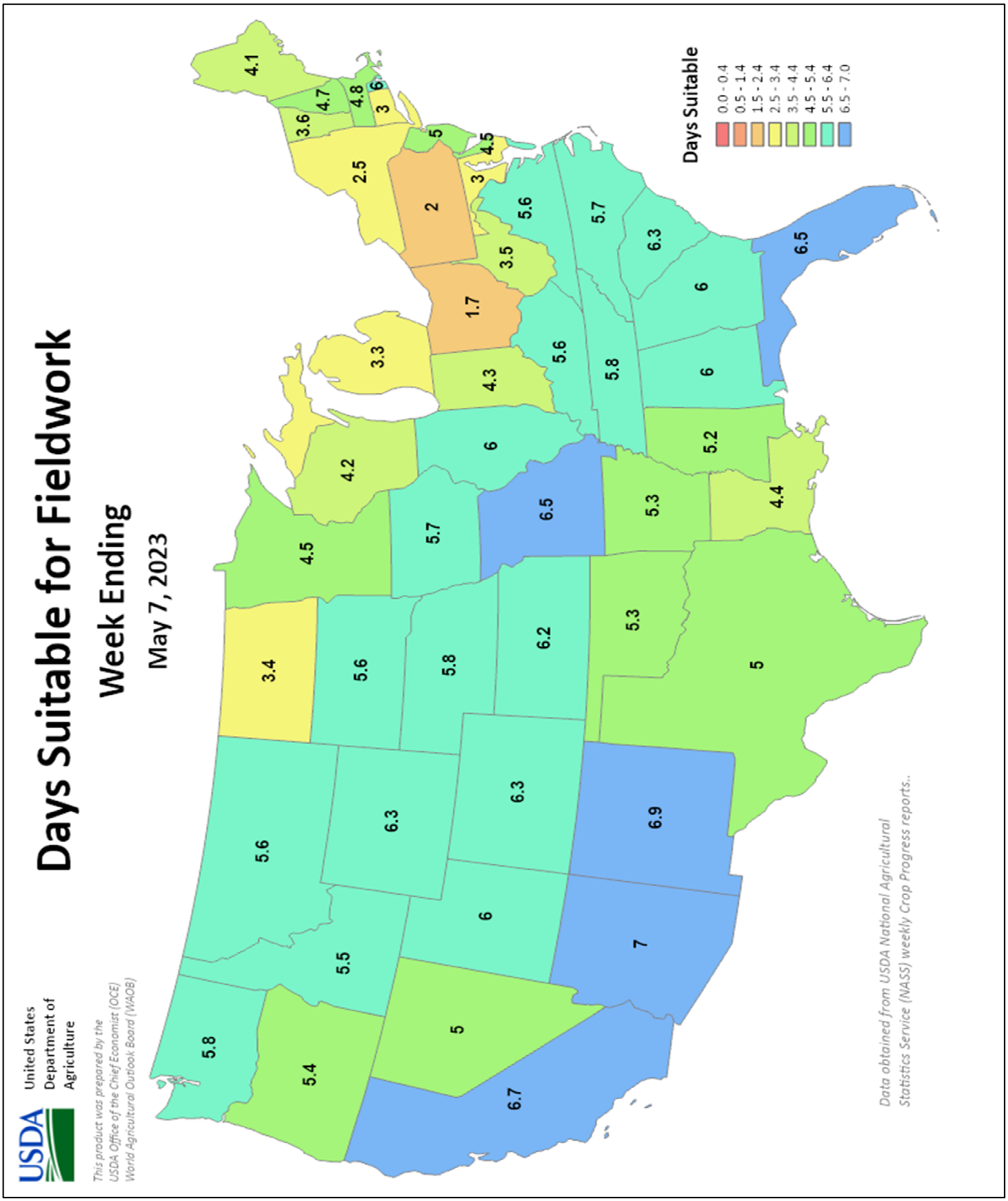
**VP - Very Poor; P - Poor;**
**F - Fair;**
**G - Good; EX - Excellent**

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

## Crop Progress and Condition

### Week Ending May 7, 2023

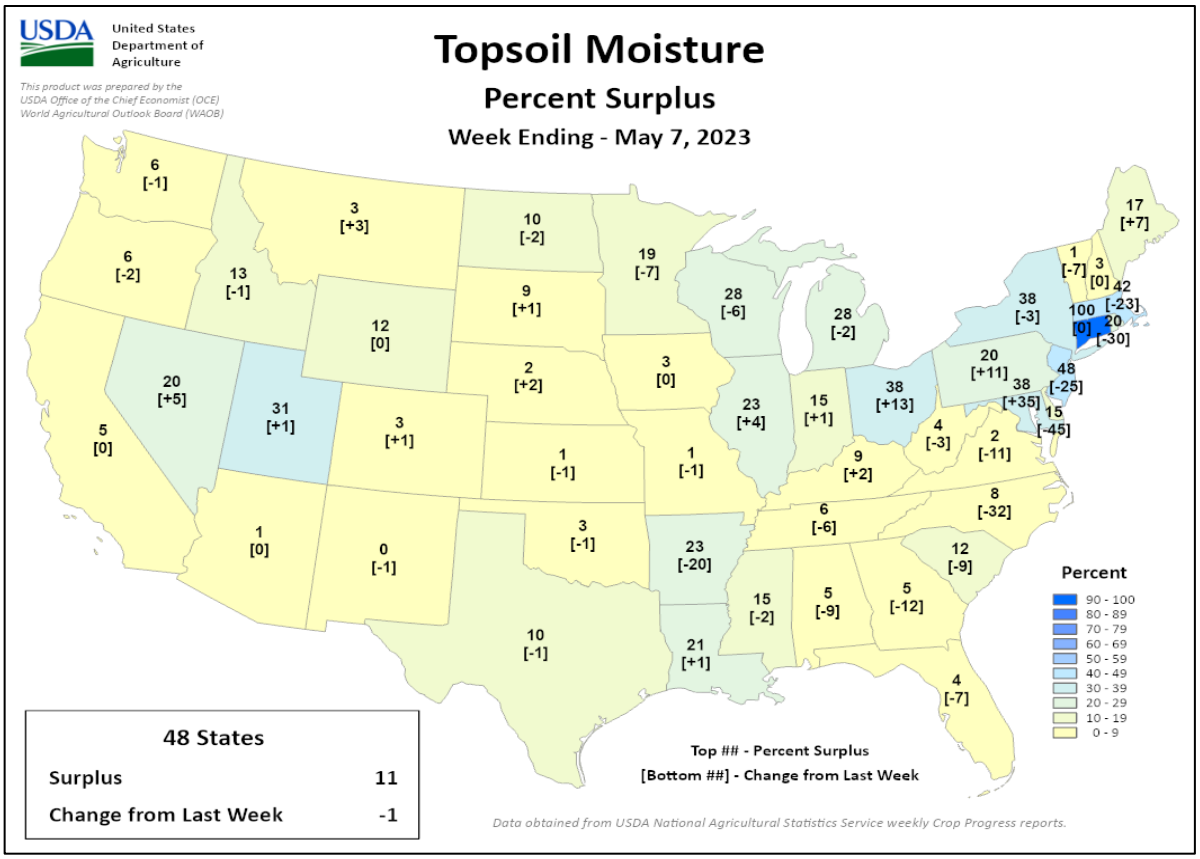
Weekly U.S. Progress and Condition Data provided by USDA/NASS

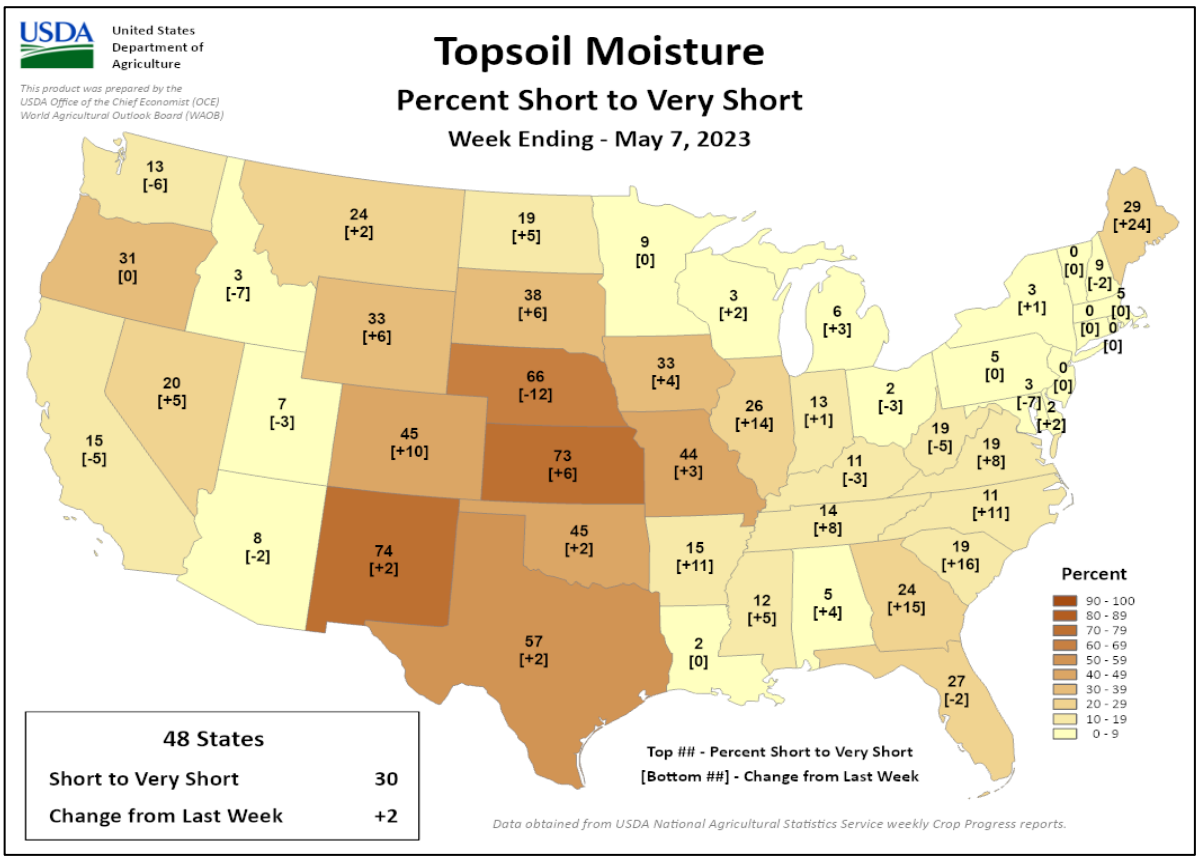


# Crop Progress and Condition

## Week Ending May 7, 2023

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

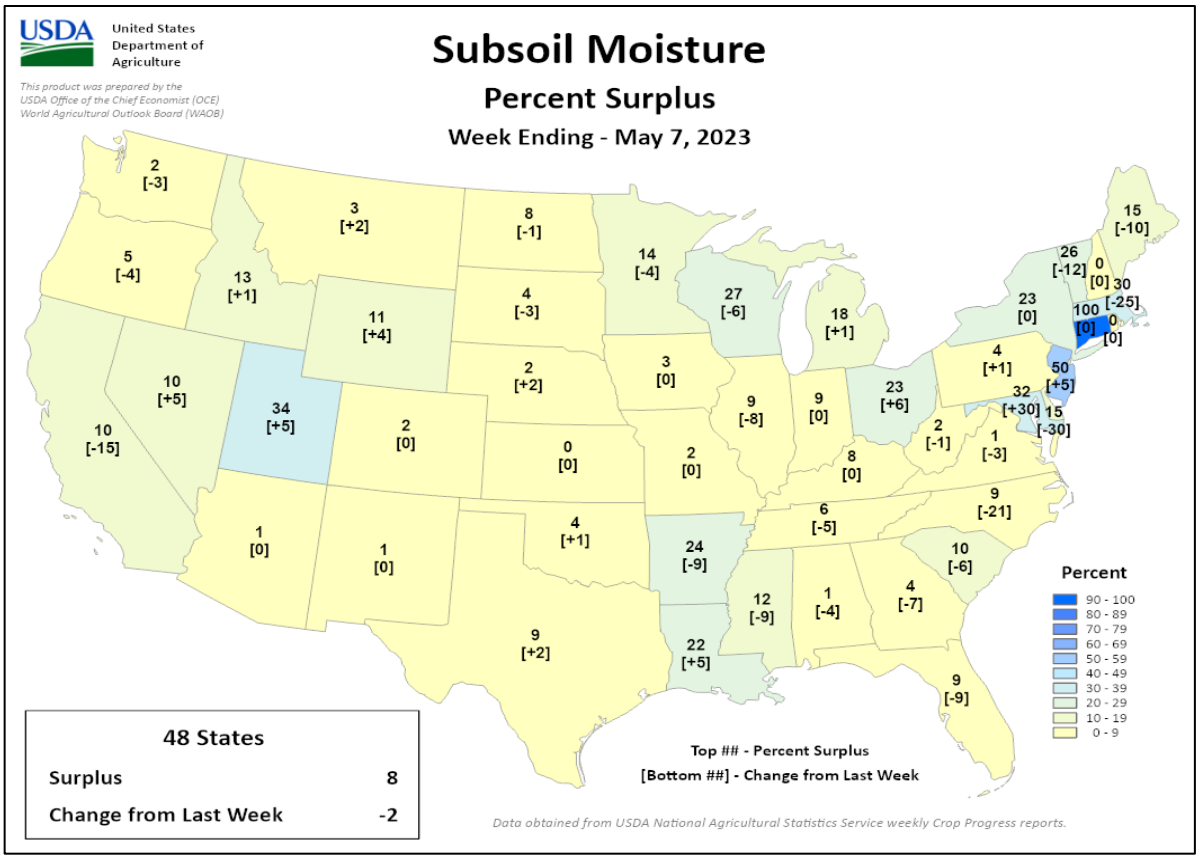


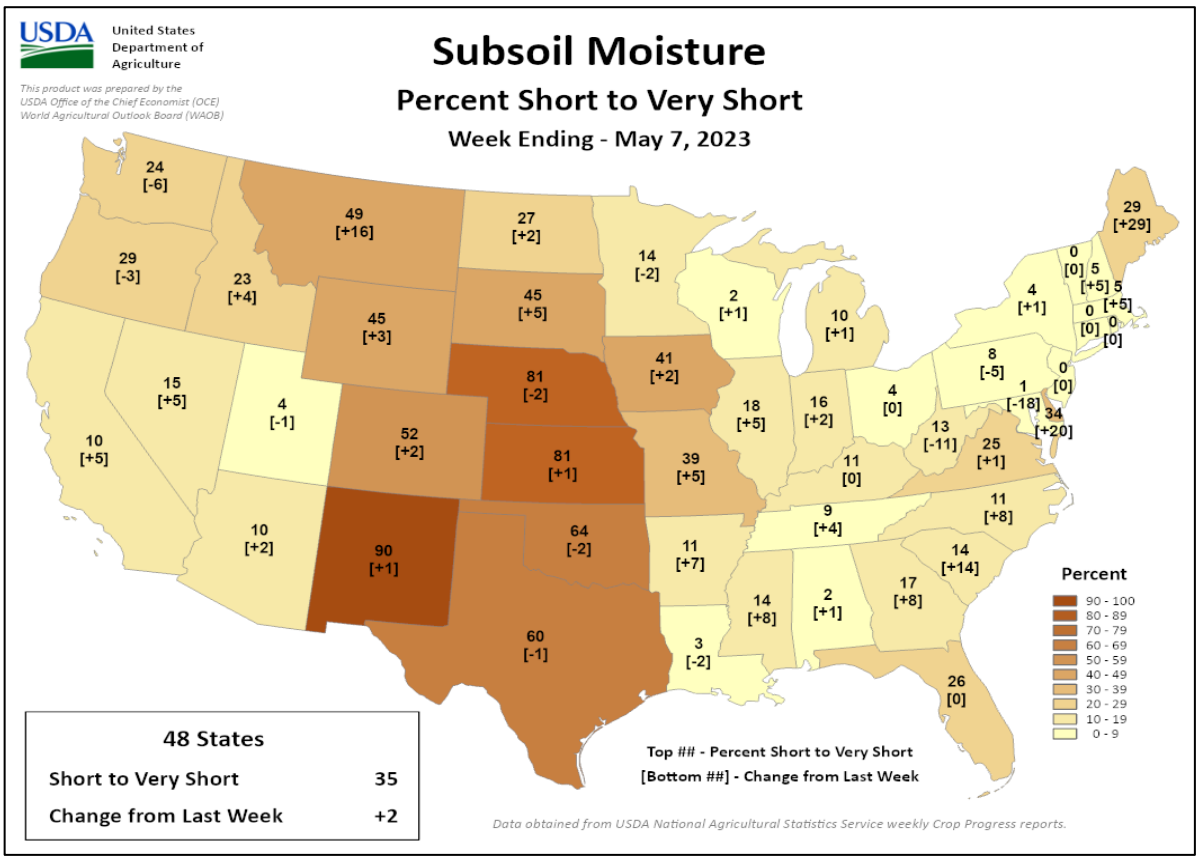



# Crop Progress and Condition

## Week Ending May 7, 2023

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



# International Weather and Crop Summary

**April 30 - May 6, 2023**

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

## HIGHLIGHTS

**EUROPE:** Additional showers maintained good to excellent prospects for winter grains and oilseeds over much of Europe, though extreme drought and heat prevailed in southwestern growing areas.

**WESTERN FSU**: Widespread showers further boosted moisture supplies for vegetative to heading winter grains and oilseeds over the eastern half of the region.

**MIDDLE EAST**: Additional showers in western and southern Turkey maintained favorable prospects for winter wheat and barley, while favorably drier weather returned to much of the rest of the region.

**NORTHWESTERN AFRICA**: Sunny, hot weather hastened drought-afflicted winter grains toward maturity.

**EAST ASIA:** Showers benefited wheat and early-crop rice in China, as warming weather encouraged summer crop sowing to commence across the region.

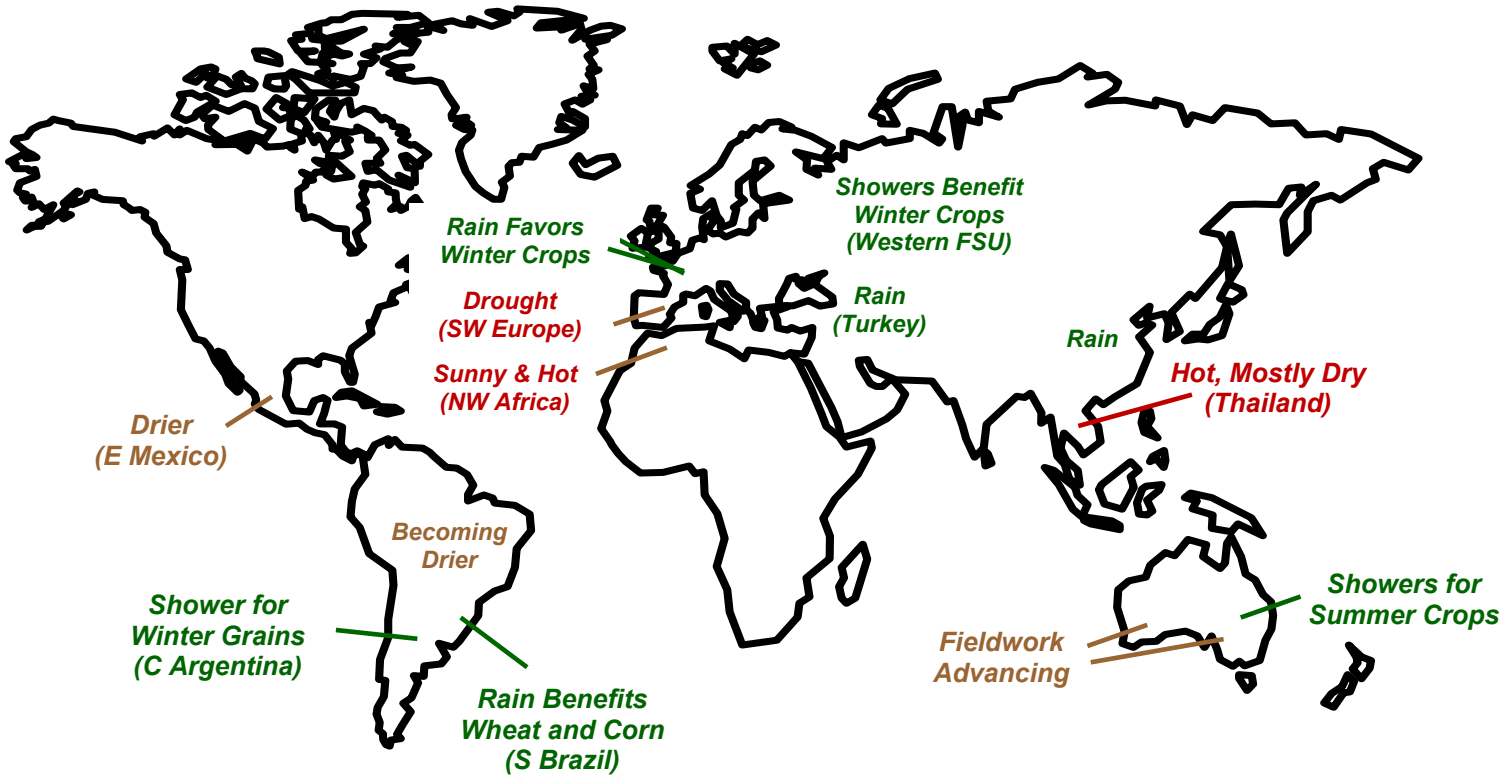
**SOUTHEAST ASIA:** Unusually light rainfall and record-setting heat in Thailand limited fieldwork ahead of the main growing season.

**AUSTRALIA:** Aside from some early week rain in the east, generally sunny skies promoted winter crop planting and summer crop harvesting.

**ARGENTINA**: Showers provided timely moisture for winter grain germination in central and northeastern Argentina.

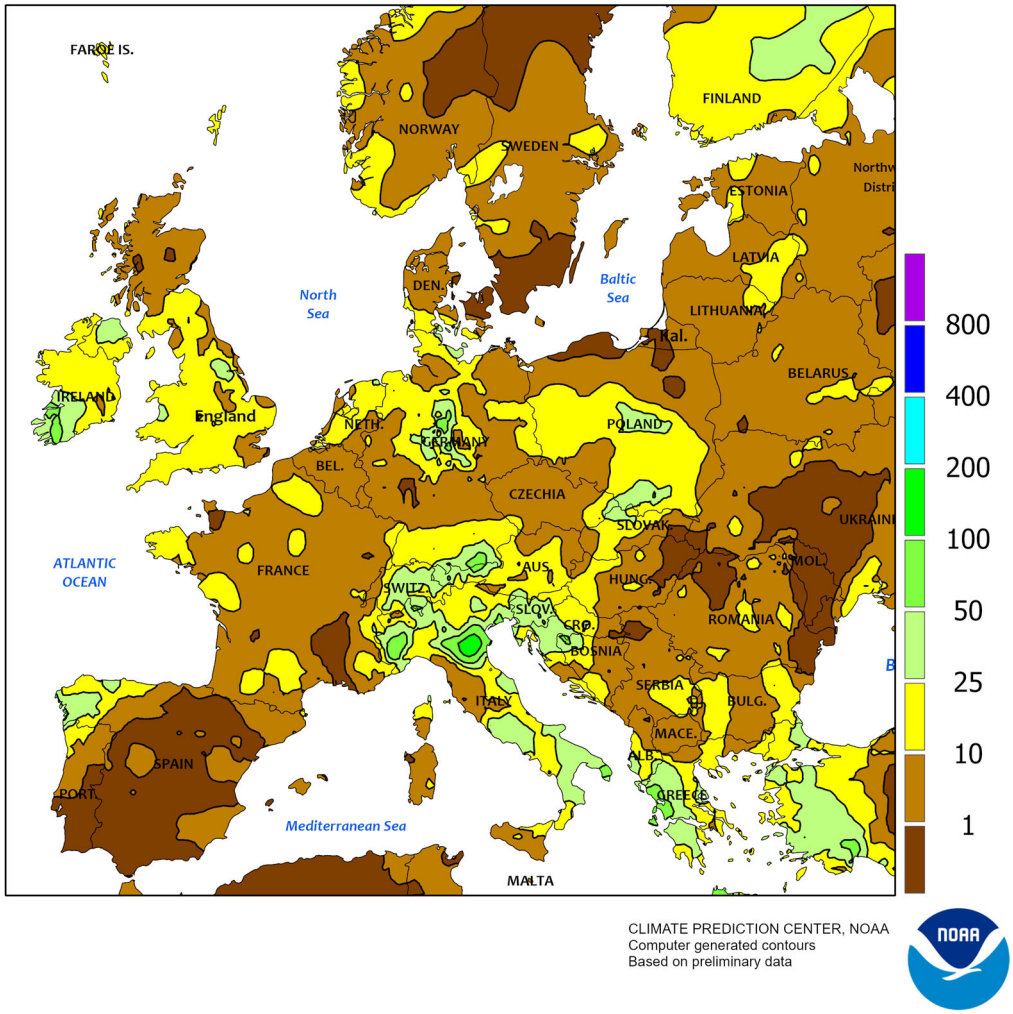
**BRAZIL:** Much-needed rain fell in Rio Grande do Sul, increasing moisture for the upcoming wheat crop.

**MEXICO:** Drier weather supported summer crop planting in the east after weeks of beneficial rainfall.




For additional information contact: mark.brusberg@usda.gov

EUROPE
Total Precipitation(mm)
April 30 - May 6, 2023

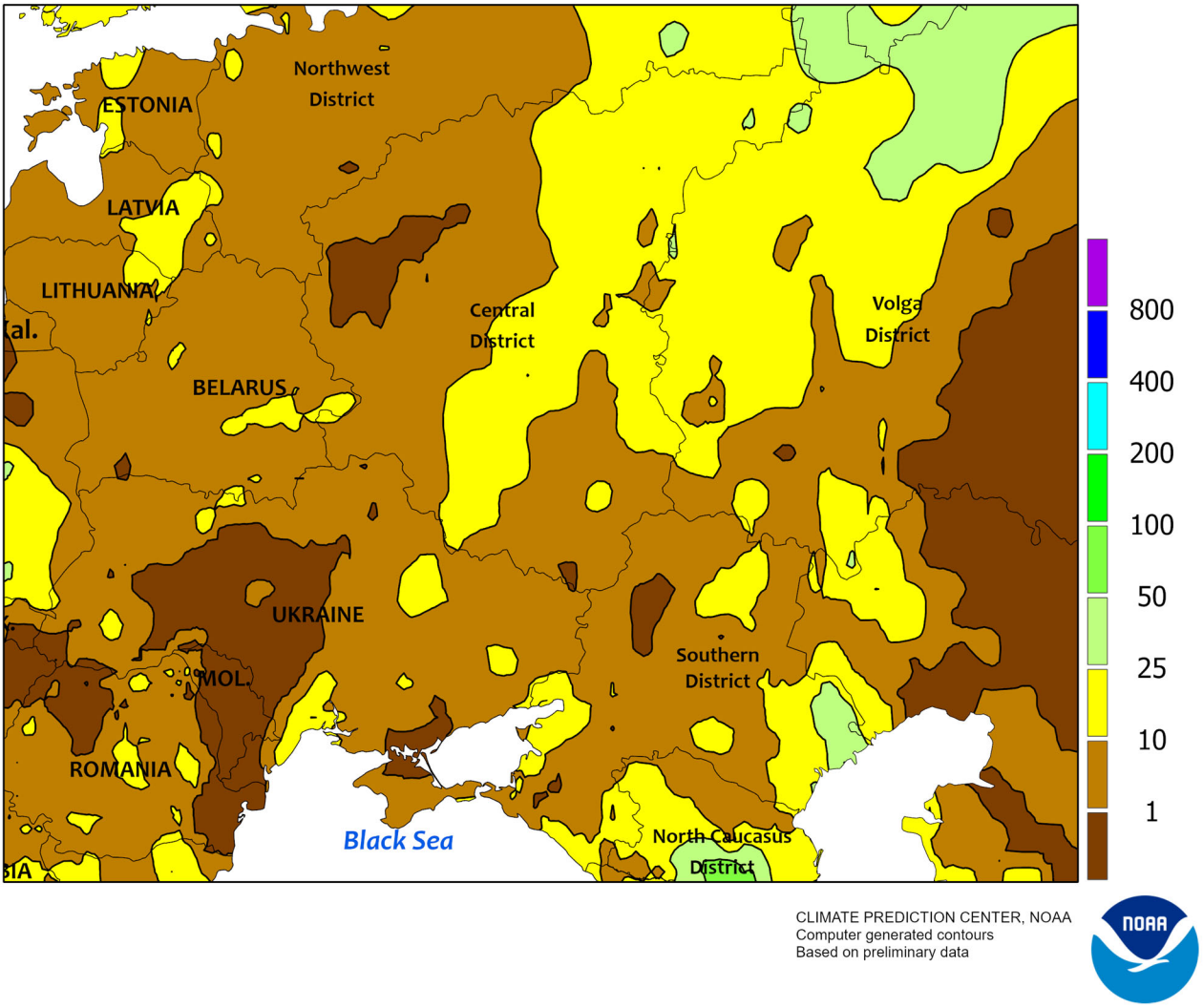



## EUROPE

Showery weather continued, though drought and heat prevailed in southwestern Europe. Widespread light to moderate showers and thunderstorms (2-30 mm) persisted from England and France eastward into Poland, western Hungary, and the southern Balkans. Conditions remained good to excellent for vegetative (northeast) to reproductive (south and west) winter grains and oilseeds, though drier weather would be welcome in Germany and parts of eastern France. Heavy to excessive rainfall developed over northern Italy, with totals more than 200 mm in the Emilia-Romagna Region causing flooding and damage to infrastructure. Moderate to heavy showers (15-60 mm) were also noted in Greece as well as Croatia and Slovenia. Meanwhile, drought intensified in Portugal and Spain despite localized showers along the northwestern coast (5-40 mm). Year-to-date precipitation remained the lowest on record (over the past 30 years) across most of Spain's primary growing regions, with values as of May 6 a meager 26 percent of average in Andalucía (deficit of 145 mm), 25 percent in Castilla La Mancha (110 mm deficit), and 49 percent of average across Castilla y León (deficit of 80 mm). Exacerbating the drought's impacts on reproductive to filling winter wheat and barley were temperatures which averaged 4 to 7°C above normal, marginally cooler than the previous week but still with daytime highs routinely reaching into the lower to middle 30s (degrees C) in central and southern crop areas.

**For additional information contact:** mark.brusberg@usda.gov

WESTERN FSU
Total Precipitation(mm)
April 30 - May 6, 2023



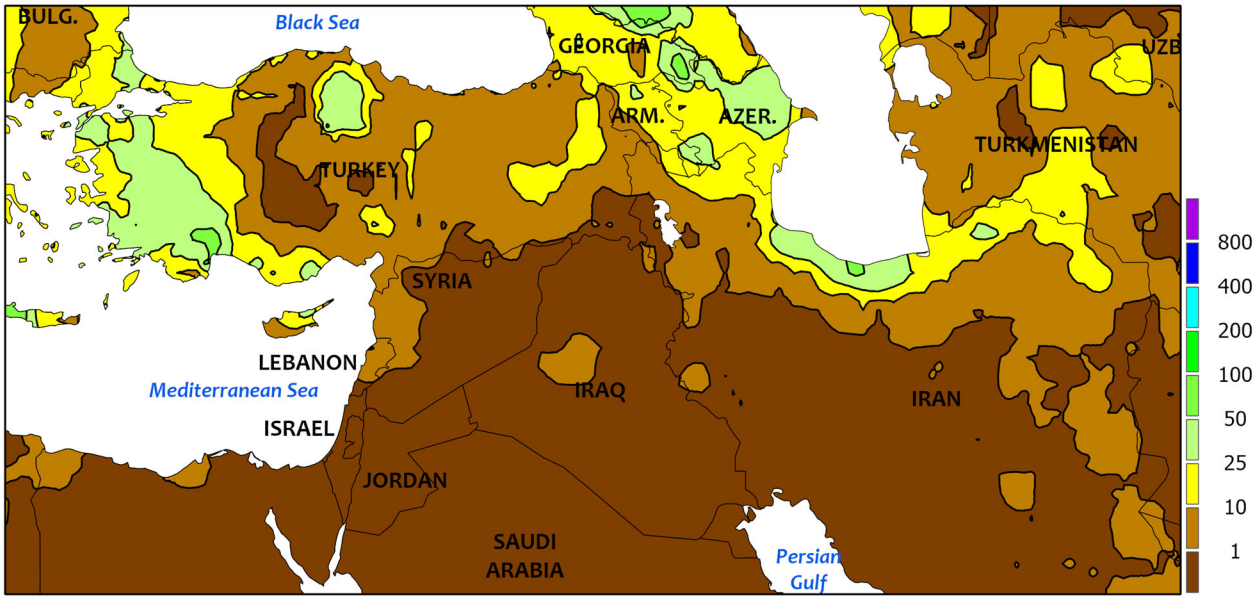

## WESTERN FSU

Widespread showers persisted across the eastern half of the region, while drier albeit chilly weather settled over western and northern croplands. Additional light to moderate showers and thunderstorms (5-25 mm) in eastern Ukraine and western Russia maintained favorable soil moisture for vegetative to heading winter wheat and emerging spring grains and summer crops. Conversely, mostly dry but cool weather (1-5°C below normal) promoted summer crop planting and other seasonal fieldwork over Moldova, central and western Ukraine, and Belarus. Overall, prospects for winter grains and oilseeds remained good to excellent.

*The WWCB focuses entirely on weather and resultant crop conditions; conflict and unrest are beyond the scope of this publication.*

**For additional information contact:** mark.brusberg@usda.gov

MIDDLE EAST
Total Precipitation(mm)
April 30 - May 6, 2023

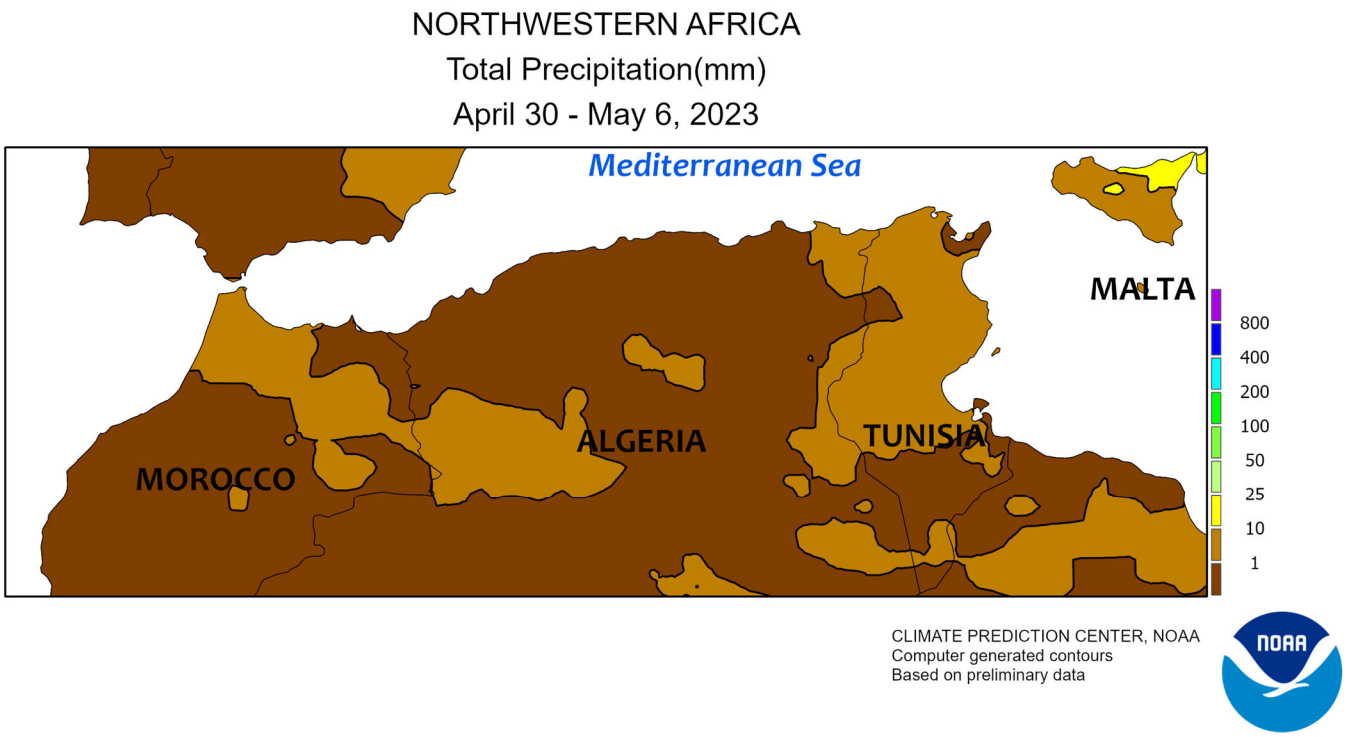



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

## MIDDLE EAST

Showers continued in parts of Turkey and returned to drought-afflicted northeastern Iran. In Turkey, an additional 10 to 60 mm of rainfall boosted moisture supplies for winter grains and summer crops over western and southern portions of the country. However, drier weather returned to the Anatolian Plateau as well as the GAP Region, promoting the development of reproductive winter grains in the north and drydown in southeastern growing areas. Much-needed rain (locally up to 30 mm) in northeastern Iran eased drought, though winter wheat and barley were filling to maturing and yields were largely set. Elsewhere, sunny skies and near- to below-normal temperatures (up to 4°C below normal) from the eastern Mediterranean Coast into western Iran favored filling to maturing wheat and barley.

**For additional information contact:** mark.brusberg@usda.gov



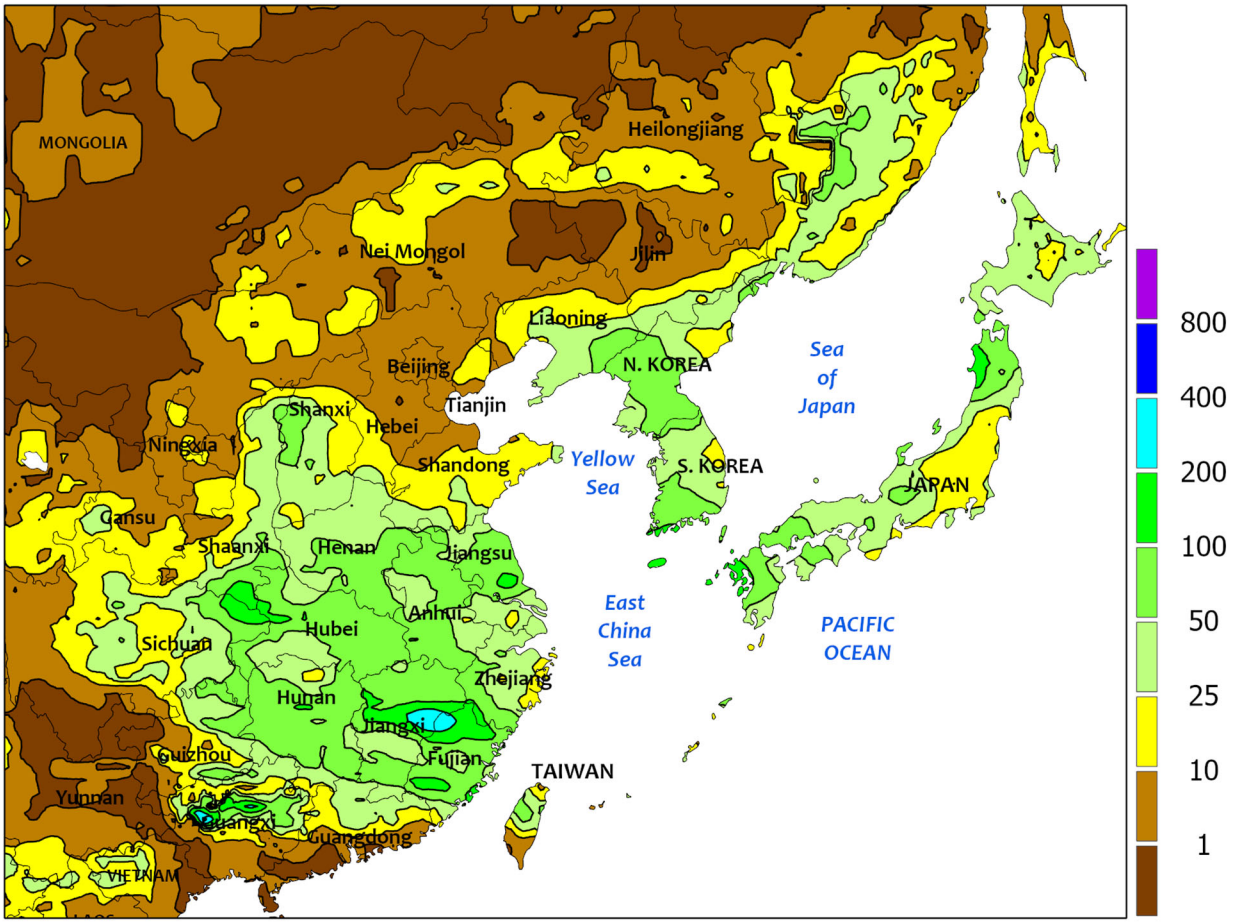

## NORTHWESTERN AFRICA

Dry and hot weather further lowered winter grain yield prospects and hastened crops toward maturity. No rain was reported save for 1 to 10 mm in northern Tunisia and eastern-most portions of Algeria. Otherwise, this season's severe to extreme drought continued as the 2022-23 Water Year ended. Exacerbating the drought's impacts on filling to maturing winter grains were temperatures which averaged 2 to 5°C above normal across the entire region. While temperatures were not as hot as last week, daytime highs still routinely pushed into the lower and middle 30s (degrees C) away from the cooler coastal areas, with a peak reading of 39°C noted in central Morocco. The latest satellite-derived Vegetation Health Index (VHI) indicated fair to very poor conditions for maturing winter grains from Morocco into central Algeria. The VHI remained highly variable farther east, with good crop vigor in coastal portions of northeastern Algeria and Tunisia contrasting with a historically low VHI farther inland; wheat and barley were filling to maturing over the eastern third of the region, but still reproductive to filling on the cooler Hautes Plateau of eastern Algeria.

*This will be the last weekly summary for Northwest Africa. Coverage will resume in November 2023 to coincide with winter grain planting.*

**For additional information contact:** mark.brusberg@usda.gov

EASTERN ASIA
Total Precipitation(mm)
April 30 - May 6, 2023



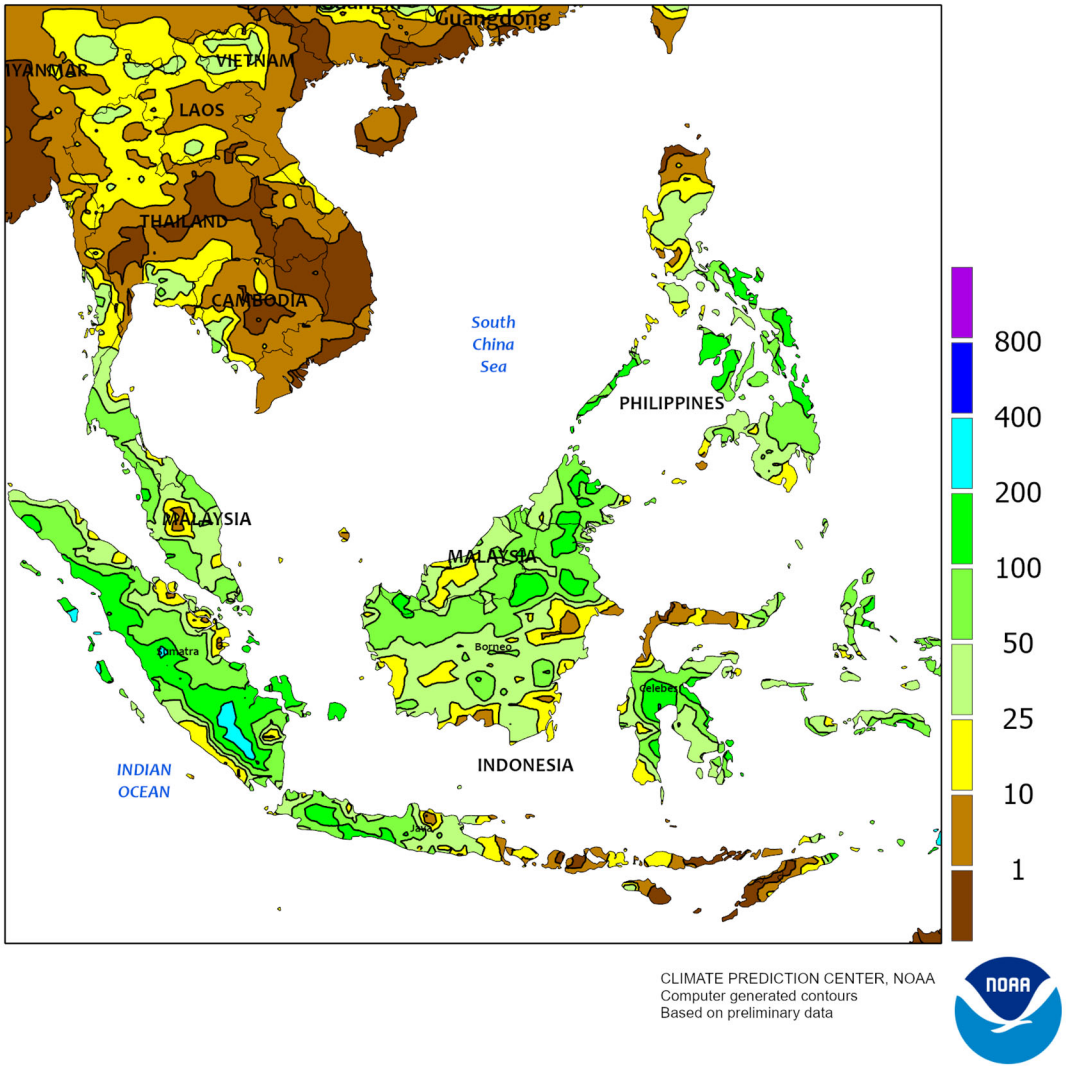

CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

## EASTERN ASIA

In China, heavy mid-week showers covered locales from the North China Plain (averaging 30 mm) to the Yangtze River (averaging 50 mm). The moisture aided filling wheat but came too late in the growing season to further benefit maturing rapeseed. Meanwhile, late-week rainfall (25-100 mm) in more southerly areas favored early-crop rice entering reproduction. Elsewhere, temperatures in the northeast increased to a point where summer crop sowing could commence (daily average temperatures over 10°C), while cooler weather settled over western China (as much as 6°C below average), raising further concerns over the need to replant cotton. Due to the shorter growing season for such a high-latitude cotton crop, replanting this late could negatively impact yields. In other parts of the region, showers (over 25 mm) and warming weather (daily average temperatures over 15°C) on the Korean peninsula and in Japan encouraged rice and other summer crop sowing.

**For additional information contact:** mark.brusberg@usda.gov

SOUTHEAST ASIA
Total Precipitation(mm)
April 30 - May 6, 2023

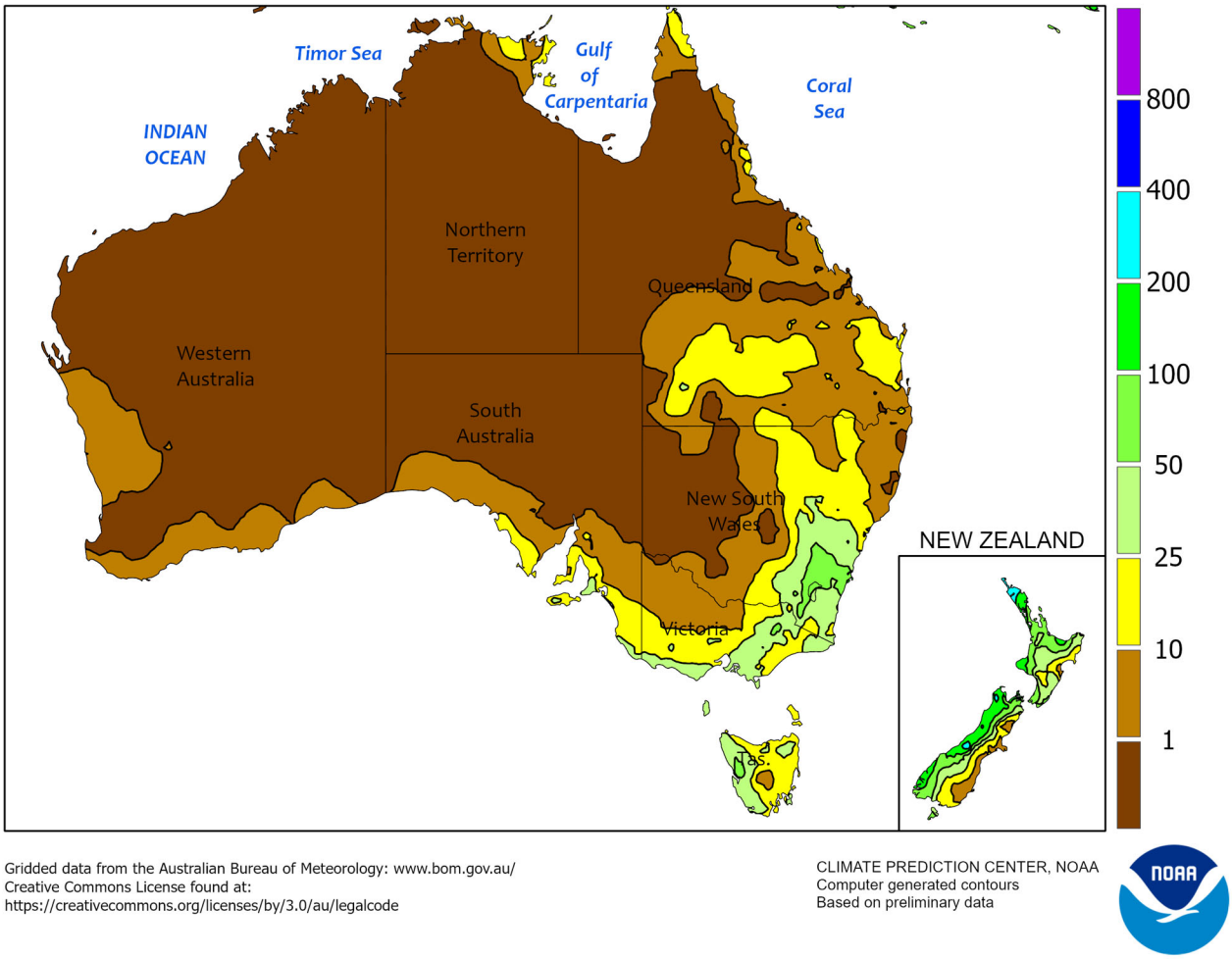



## SOUTHEAST ASIA

Record-setting heat continued in Thailand as daytime temperatures continued to be in the mid-40s (degrees C), up to 4°C higher than is typical. Along with the searing heat, pre-monsoon rainfall has been unusually light and intermittent. Rainfall totals over the last 30 days have been between 25 and 75 percent of normal, limiting moisture ahead of rice sowing and raising concerns over irrigation availability. Meanwhile, showers in the Philippines have also been irregular but heavier than in Thailand, providing better moisture conditions ahead of the main growing season. Farther south, wet weather continued in Malaysia and Indonesia, with most locales recording 25 to 100 mm of rain, benefiting oil palm and seasonal rice.

**For additional information contact:** mark.brusberg@usda.gov

AUSTRALIA
Total Precipitation(mm)
April 30 - May 6, 2023




Gridded data from the Australian Bureau of Meteorology: www.bom.gov.au/
Creative Commons License found at:
https://creativecommons.org/licenses/by/3.0/au/legalcode

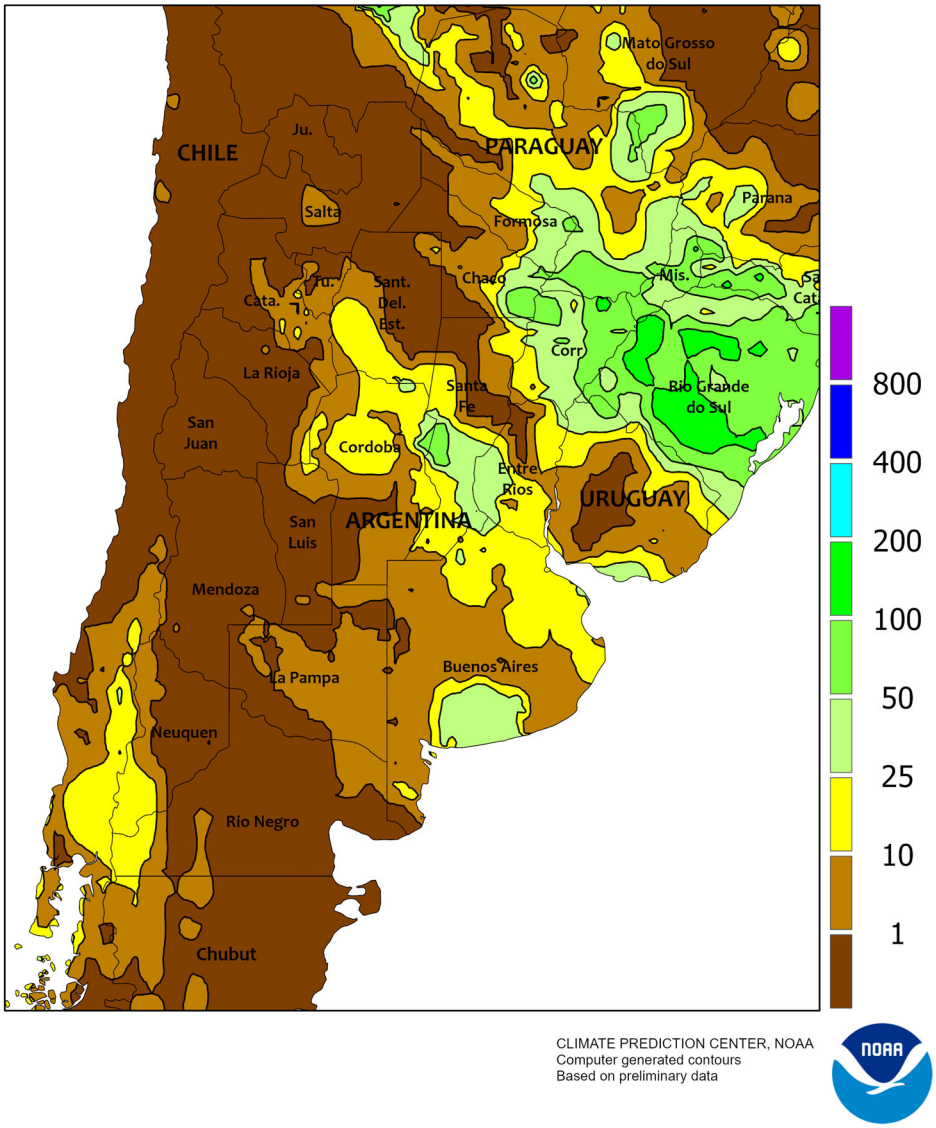
CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

## AUSTRALIA

Early in the week, widespread showers (5-25 mm, locally more) overspread southern Queensland and New South Wales, boosting topsoil moisture for winter crop planting, germination, and emergence. Mostly dry weather prevailed the remainder of the week, triggering additional winter crop sowing and aiding summer crop harvesting. Elsewhere in the wheat belt, occasional showers (5-20 mm) in Victoria and South Australia maintained moisture supplies for early wheat, barley, and canola development, while periods of dry weather allowed fieldwork to proceed. In Western Australia, mostly sunny skies and adequate moisture supplies promoted winter crop planting, germination, and emergence. Temperatures averaged 1 to 2°C below normal in the south and west and 2 to 3°C below normal in the east. Maximum temperatures ranged from the upper 10s to middle 20s (degrees C) in most areas.

**For additional information contact:** mark.brusberg@usda.gov

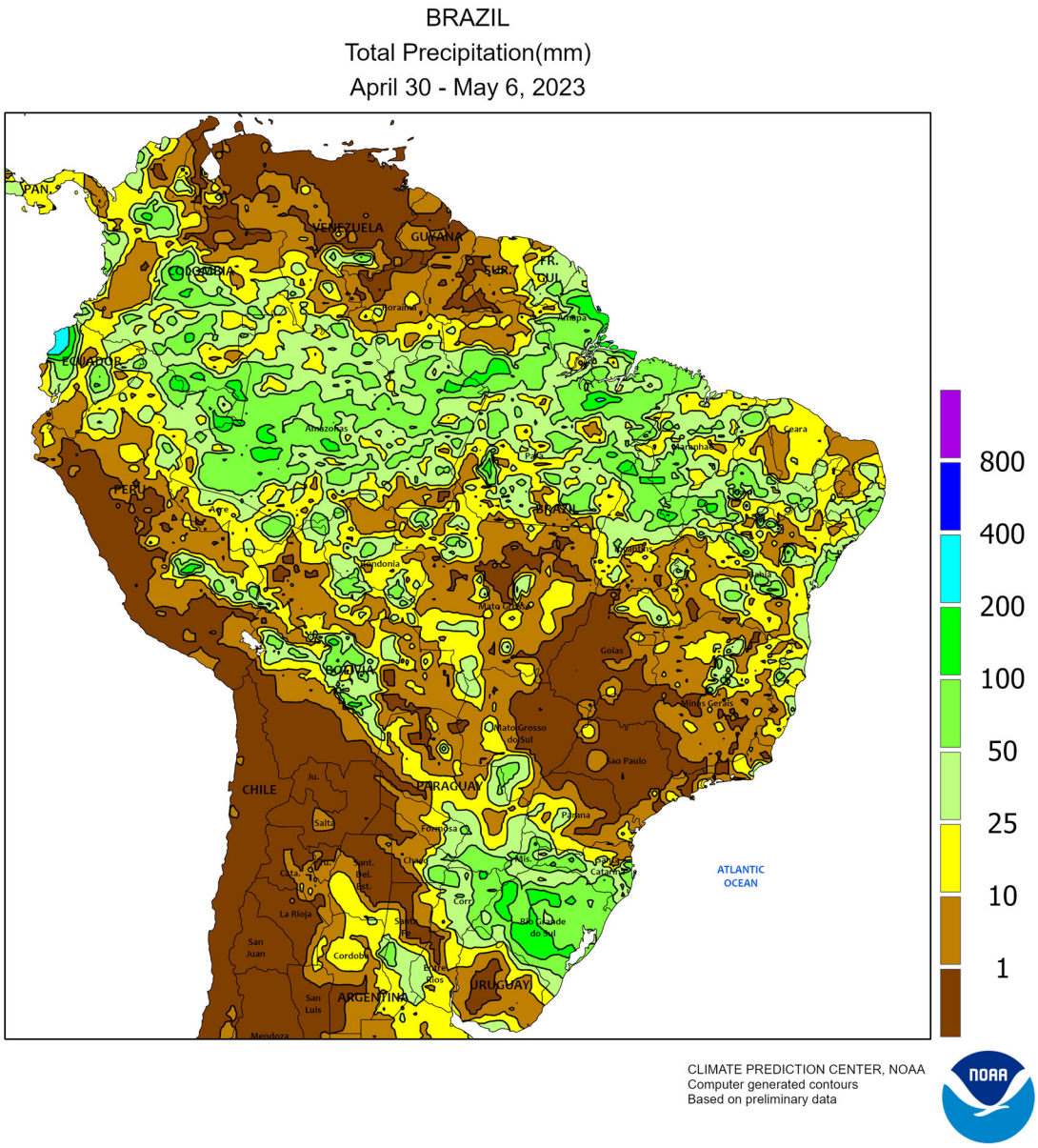
ARGENTINA
Total Precipitation(mm)
April 30 - May 6, 2023




## ARGENTINA

Showers provided timely moisture for winter grain germination in many major production areas. Rainfall totaled 10 to 50 mm – locally approaching 100 mm – over a large area centered over northeastern Argentina, extending as far south and west as Cordoba and northern Buenos Aires. Somewhat lighter rain (locally exceeding 25 mm) maintained generally favorable planting prospects in key farming areas of southern Buenos Aires. Meanwhile, seasonably drier conditions prevailed in La Pampa and the far northwest (Salta and environs). Weekly average temperatures were generally within 1°C of normal, although a few areas averaged as much as 2ºC below normal. Nighttime lows fell below freezing in traditionally cooler southern locations but given the lateness of the season, no impact on immature summer crops was likely. According to the government of Argentina, corn was 28 percent harvested as of May 4 versus 38 percent last year, while soybeans were 46 percent harvested (62 percent last year). Cotton was 25 percent harvested, compared with 28 percent last year.

**For additional information contact:** mark.brusberg@usda.gov

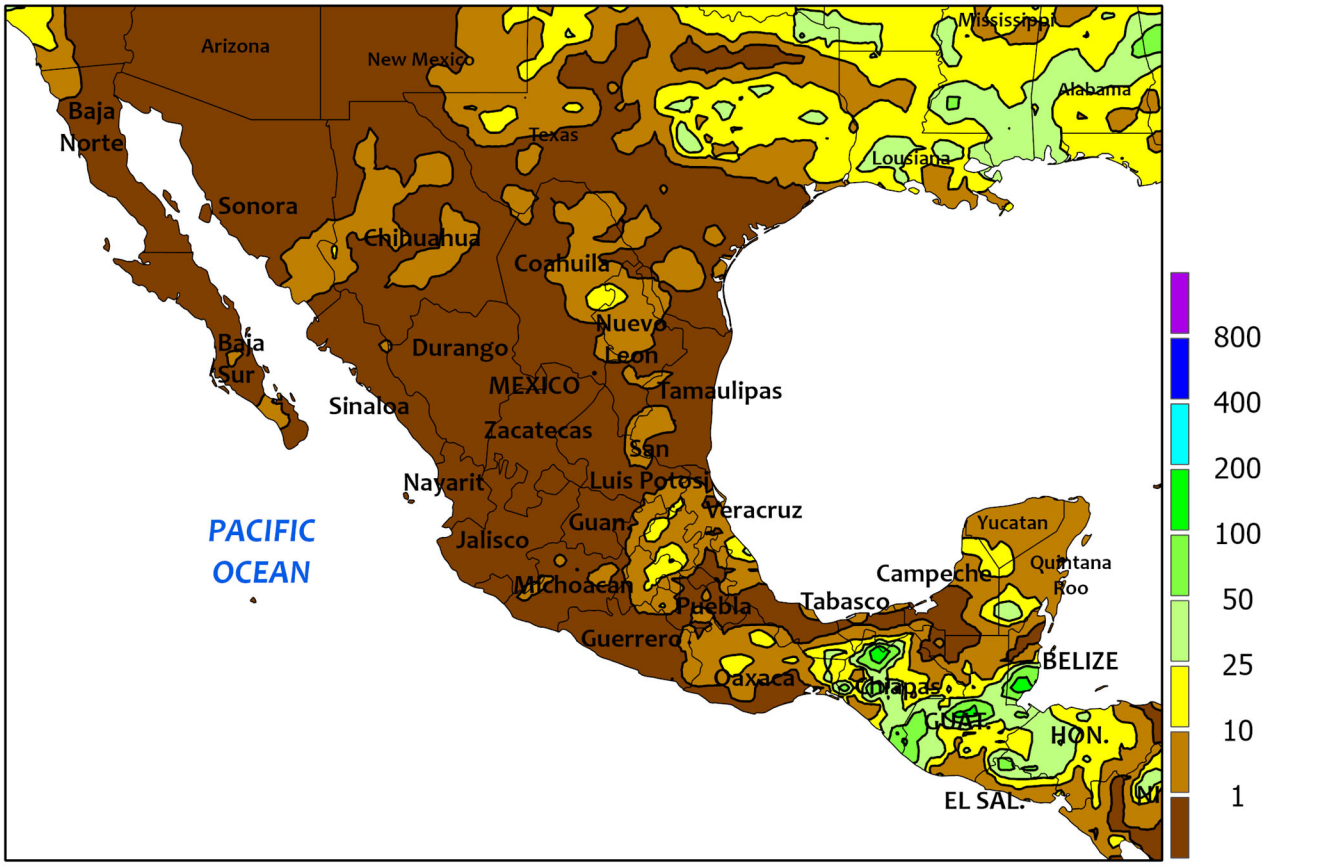



## BRAZIL

Heavy showers brought much-needed relief from dryness to Brazil's southern-most farming areas. Rainfall totaled 25 to well over 100 mm in Rio Grande do Sul, Santa Catarina, and southwestern sections of both Paraná and Mato Grosso do Sul. Drier conditions prevailed elsewhere in the south, including São Paulo and Minas Gerais, where preparations were likely underway for harvesting of sugarcane and coffee. According to the government of Rio Grande do Sul, soybeans and corn were 80 and 84 percent harvested, respectively, with most of the remaining crops maturing and not likely to benefit from the rain. In Paraná, soybeans and first crop corn were 99 and 90 percent harvested, respectively, as of May 1; meanwhile, 37 percent of the fully-planted second corn crop had reached flowering, and wheat planting was 28 percent completed. Seasonable dryness prevailed farther north, with the highest concentration of significant rainfall (accumulations greater than 25 mm) concentrated over northern Tocantins and neighboring locations in Maranhão and Piauí. Elsewhere, including primary corn and cotton areas in Mato Grosso and western Bahia, showers were generally widely scattered and light, with few locations recording more than 25 mm, and high temperatures (lower and middle 30s degrees C) fostered rapid crop development. May rainfall is typically light in central Brazil and the northeastern interior, and significant additional rainfall is not expected prior to harvesting.

**For additional information contact:** mark.brusberg@usda.gov

MEXICO
Total Precipitation(mm)
April 30 - May 6, 2023




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

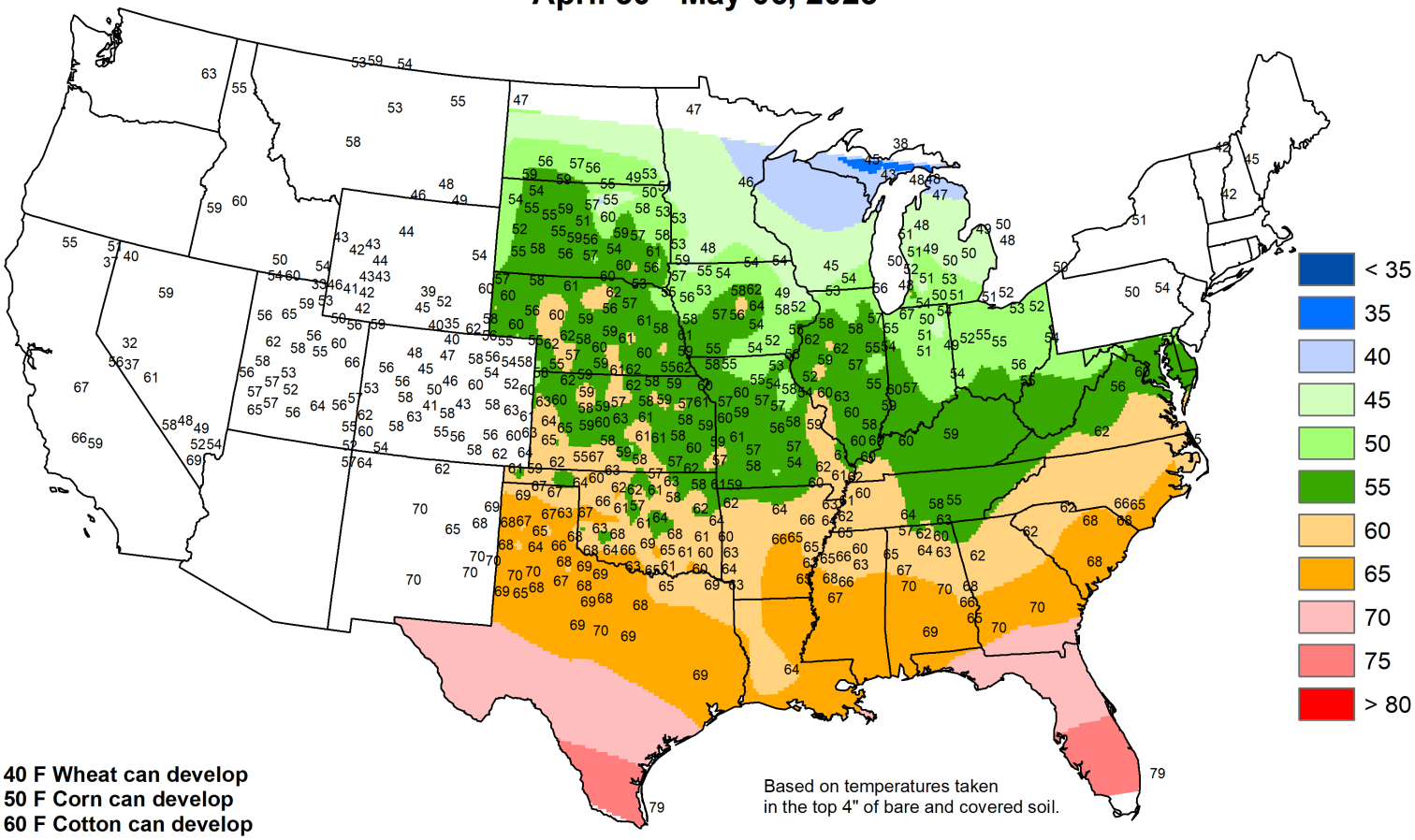
## MEXICO

Following several weeks of beneficial rainfall, drier conditions prevailed throughout much of eastern Mexico. The heaviest rainfall (25-50 mm) was concentrated in the southeast over Chiapas, with similar amounts pushing eastward into neighboring Central American countries. The sunny weather prompted planting of corn and other rain-fed summer crops, while also supporting related fieldwork. On the southern plateau, spotty, generally light showers (locally higher than 10 mm) kept topsoils moist for corn germination in and around Puebla, although drier conditions elsewhere limited opportunities for early planting.

**For additional information contact:** mark.brusberg@usda.gov

# Average Soil Temperature (Deg. F)

## April 30 - May 06, 2023




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


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



Correspondence to the meteorologists should be directed to:
***Weekly Weather and Crop Bulletin*, NOAA/USDA, Joint Agricultural Weather Facility, USDA South Building, Room 4443B, Washington, DC 20250.**
Internet URL: [www.usda.gov/oce/weather-drought-monitor](www.usda.gov/oce/weather-drought-monitor)
E-mail address: ***brad.rippey@usda.gov***


An archive of past Weekly Weather and Crop Bulletins can be found at [https://usda.library.cornell.edu/](https://usda.library.cornell.edu/), keyword search "*Weekly Weather and Crop Bulletin*".