



Satellite image with enhanced low cloud-top temperatures for 6:10 a.m. EDT (NOAA)

Agricultural Weather Highlights – Monday - August 8, 2022

- In the *West*, record-setting high temperatures prevail in portions of the *Great Basin* and *Pacific Northwest*. The *Northwest* is experiencing several new and potentially dangerous wildfires, with a particular focus on the *central one-third of Oregon*. Meanwhile, monsoon-related showers have been temporarily suppressed southward, confined primarily to *Arizona* and *New Mexico*.
- On the *Plains*, hot weather in *Oklahoma* and *Texas* continues to stress rangeland, pastures, and a variety of summer crops, including cotton. Today's high temperatures will approach or reach 100°F across portions of the *southern Plains*. Meanwhile, widely scattered showers dot the *central Plains*, in the vicinity of a cold front. Dry weather prevails on the *northern Plains*, although cool conditions in the *eastern Dakotas* contrast with above-normal temperatures in *Montana*.
- In the *Corn Belt*, thunderstorms along a cold front are heaviest early today across *northern Illinois*. Cool, dry air is overspreading the *upper Midwest*, where today's high temperatures will remain below 80°F. Weekend rainfall was quite heavy in parts of the *northern Corn Belt*; for example, August 7 totals included 5.44 inches (wettest day on record) in *Sioux Falls, South Dakota*, and 3.40 inches in *Appleton, Wisconsin*. Elsewhere, hot, humid weather lingers today across the *southern tier of the Midwest*, from *southern Missouri into the Ohio Valley*.
- In the *South*, hot, humid weather is in place. Although some areas continue to receive daily thundershowers, with generally positive effects on pastures and summer crops, the *western Gulf Coast region* is experiencing persistent dryness.

Outlook: A cold front currently crossing the *central Plains* and the *Midwest* will push southeastward, reaching the *Deep South* late in the week. Widespread showers and thunderstorms will precede and accompany the front, leading to 5-day rainfall totals of 1 to 2 inches or more in many locations along and southeast of a line from the *southeastern Plains to Lake Michigan*. Cooler, drier weather will prevail in the front's wake, with late-week temperatures remaining below 80°F in most *Midwestern areas east of the Mississippi River*. Hot conditions will persist, however, across much of the *western half of the U.S.* Elsewhere, mostly dry weather will prevail for the next 5 days across the *northern half of the Plains* and the *upper Midwest*, while monsoon-related showers will broadly affect the *Desert Southwest, Great Basin, Intermountain West, and Four Corners region*. The NWS 6- to 10-day outlook for August 13 – 17 calls for the likelihood of near- or below-normal temperatures in the *Desert Southwest* and much of the *eastern U.S.*, while hotter-than-normal weather will prevail in *southern Florida* and most areas from the *Pacific Coast to the Mississippi Valley*. Meanwhile, near- or above-normal rainfall in the *West* should contrast with drier-than-normal conditions across much of the *central and eastern U.S.*, including the *central and southern Plains, Ohio Valley, Midwest, and mid-South*.

Contact: Brad Rippey, Agricultural Meteorologist, USDA/OCE/WAOB, Washington, D.C. (202-720-2397)

Web Site: <https://www.usda.gov/sites/default/files/documents/TODAYSWX.pdf>