

Tropical Weather:

Tropical cyclone activity is **not expected** during the next 7 days. For the latest on the tropics, please visit the National Hurricane Center (NHC) at www.hurricanes.gov.

Hydrology & Flooding:

Chances of rain generally increase across the state this week. Shower and storm activity will largely follow a typical summertime pattern of afternoon sea-breeze driven convection. While no organized risk of flash flooding exists anywhere in the state this week, a few **locally heavy downpours** capable of producing **isolated nuisance flooding** cannot be ruled out. Total rainfall accumulations over the forecast period generally range from **2-4'** in Southwest Florida to 1-2' across Northeast Florida. For the latest on the rainfall outlook, please visit the Weather Prediction Center (WPC) [website](#).

There are no riverine concerns across the state. For more information, visit the [River Forecast Center](#).

Lake Okeechobee's average elevation is 11.18 feet, which is within the operational band and 1.96 feet **below** normal for this time of year.

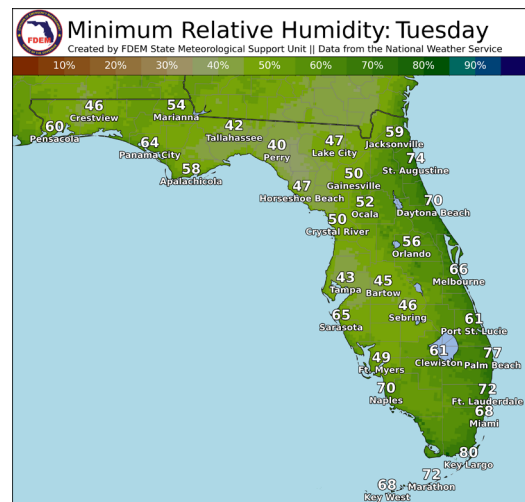
Drought & Fire Weather:

Notable categorical improvements were made on this week's Drought Monitor update across the Western Panhandle and portions of Northeast and Southwest Florida. In the Panhandle where the highest rainfall totals (4-6") were observed last week, the existing **severe drought (level 2 of 4)** west of the Apalachicola River was reduced to a moderate drought (level 1 of 4). The **extreme drought (level 3 of 4)** across portions of Bay, Calhoun, Gadsden, Liberty, Gulf and portions of Western Leon and Wakulla and Franklin counties was reduced to a **severe drought (level 2 of 4)**. The western and northeastern extent of the **exceptional drought (level 4 of 4)** area was trimmed, reducing portions of Leon, Liberty, Franklin, Wakulla, Jefferson, Madison, Taylor, Nassau, Baker, Columbia, and Hamilton counties to a **severe drought (level 3 of 4)**. Elsewhere, the area of **extreme drought (level 3 of 4)** was reduced to a **severe drought (level 2 of 4)** along eastern Nassau, Duval, St. Johns, Clay, and Putnam, northern Volusia and Lake counties, and for all of Flagler County. The small swath of **severe drought (level 2 of 4)** across Southwest Florida has been expanded southward to encompass western Collier and extreme northwestern Monroe counties. All other remaining drought areas saw little to no change in this update. 99% of Florida remains in at least a moderate drought, with 10% of the state (Big Bend and North-Central Florida) in an exceptional drought - a 7% reduction in exceptional drought coverage compared to last week.

As a reminder, the cutoff for rainfall on last week's update was Tuesday (6/2) at 8 AM EDT, thus any rainfall that fell after this point was not included in the drought update. This week's drought monitor update will be released this Thursday and will include all rainfall up until today (6/9) at 8 AM EDT. Some beneficial rainfall has fallen since 6/2, mainly in Southern Florida, although likely not enough to make significant or widespread drought improvements. Little-to-no rainfall has been observed elsewhere in Northern Florida, and with little rainfall expected in the upcoming week in this area, anticipating unchanged or worsening categorical drought conditions within North Florida in next week's update.

The **Keetch-Byram Drought Index** average for Florida is **390** on a scale from 0 (very wet) to 800 (very dry). There are **9** Florida counties that have an average KBDI above 500 (drought/increased fire danger).

Surface humidities are gradually increasing across the state. This, and weak transport winds will work to limit the extent of fire weather danger today. Still, the recent hot and dry spell has dried out fuels in many areas and the overall long-term drought conditions will promote at least **sensitive wildfire conditions** today. Daily shower and thunderstorm chances increase with each day this week coinciding with the statewide moisture increase. Have kept **sensitive wildfire conditions** in the forecast despite the increasing humidity to reflect the risk of



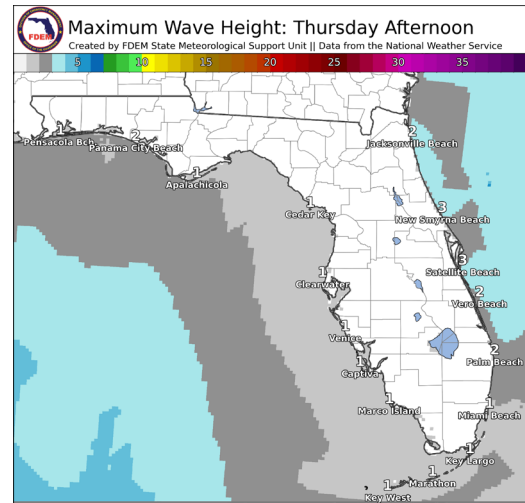
lightning-based ignitions and gusty/erratic winds in any thunderstorms. According to the [Florida Forest Service](#), there are currently 44 active wildfires across the state burning approximately 4,874 acres (as of 12:00 PM EDT).

Rip Currents & Marine Hazards:

Weakening onshore flow will limit the extent of rip current risk this week. The Central Panhandle will have a **high risk of rip currents** on Wednesday, expanding to include the rest of the Panhandle on Thursday and continuing through the end of the forecast period. The East Coast will carry a **moderate risk of rip currents** for the majority of the forecast period. A low risk is expected for all West Coast beaches this week.

Maximum wave heights will be low this week. Thursday afternoon will see the highest surf heights, with 2-3' along portions of the East Coast and <2' for all other Florida beaches. By the weekend, all Florida beaches will have surfs <2'.

The latest [Blue-Green Algae](#) dashboard shows there have been 118 reports of algal bloom conditions within the last 30 days. **High levels** have been observed in Lake Howell, Lake Jesup, and Lake Thonotosassa. **Moderate levels** have been observed in Upper Lake Lafayette, Goodby's Creek, Lake Monroe, Peace River, and Lake Okeechobee.



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Have a wonderful week!

Ian Mutschler, Deputy State Meteorologist

Florida Division of Emergency Management

www.FloridaDisaster.org/Weather

