



Good Afternoon Florida ESF 18 Partners,

Please see the below tropics update from the FDEM State Meteorologist. We continue to monitor this system and prepare for potential impacts. If you have any updates or unmet needs as you make your internal preparations, please email us at ESF18@em.myflorida.com.

This update is provided to you by ESF18: Business, Industry and Economic Stabilization

esf18@em.myflorida.com

www.FloridaDisaster.biz

Tropical Storm Dorian

- As of the 5 PM ET advisory, Tropical Storm Dorian was located 330 miles southeast of Ponce, Puerto Rico and moving to the west-northwest at 13 mph. Maximum sustained winds remain at 50 mph.
- While upper-level winds have been favorable and water temperatures warm, dry air has prevented strengthening today.
- Dorian will gradually strengthen or at least maintain intensity as it approaches Puerto Rico and the Dominican Republic on Wednesday.
- As Dorian passes over or near the mountainous islands of Puerto Rico, wind shear will also be increasing (upper-level winds becoming unfavorable). Dorian is likely to significantly weaken Wednesday night and Thursday morning.
- Conditions will be favorable for strengthening in the Bahamas on Thursday, Friday, and Saturday as the system tracks northwest towards the Florida Peninsula. However, it will need to avoid the mountainous islands and emerge in the favorable environment in-tact.
- Hurricane Hunters will continue to investigate the system regularly over the next few days.
- Details will become available on Wednesday once it can be seen how much land interaction Dorian will have with Puerto Rico and the Dominican Republic.

Tropical Depression Six (TD #6)

- Tropical Depression Six remains unorganized well east of the East Coast of the United States.
- The center of Tropical Depression Six is located about 315 miles southeast of Cape Hatteras, NC and moving to the north-northwest at 7 mph.
- TD #6 will begin accelerating to the northeast by Wednesday night after gaining strength into Tropical Storm Erin.
- TD #6 will become non-tropical on Friday over the cold waters of the North Atlantic, posing no threat to the United States.
- There are no areas being monitored for new tropical development over the next 5 days.

Florida Outlook:

- Tropical Depression Six well off the East Coast of the United States poses no threat to Florida.
- Tropical Storm Dorian does not pose a threat to Florida until Saturday morning, at the earliest.
- The entire Florida Peninsula, the Upper Keys, Northeast Florida, and the eastern Big Bend are now included in the 5-day forecast cone.
- There are no watches or warnings in effect, but tropical storm or hurricane watches could be issued on Thursday.
- Dorian is forecast to be near hurricane strength as it approaches Florida Saturday night (Northeast Florida, Central Florida, South Florida, and/or the Florida Keys).
- After Sunday, Dorian could re-emerge over the eastern Gulf of Mexico should it track over Central or South Florida.
- Regardless of development, increased rain chances are expected across Florida, along with some minor coastal flooding due to the astronomical high tides this weekend.
- **Given the unknown degree of interaction with Hispaniola, the intensity forecast at days 4 and 5 is of low confidence.**
- **The threat of tropical storm or hurricane conditions, flooding, and storm surge along portions of the Florida east coast have increased.**
- **All locations in Florida should continue to monitor Dorian for possible impacts over the Labor Day Weekend.**