# National Weather Service



Charleston, SC
WEATHER FORECAST OFFICE

#### ... COASTAL LOW PRESSURE COULD BRING IMPACTS BY MID-WEEK...

#### **OVERVIEW:**

Low pressure could develop near the Florida and Georgia coast Wednesday and push inland across coastal South Carolina and Georgia through Wednesday night. The system will bring unsettled conditions to the region, including locally heavy rainfall, breezy conditions at the beaches and an increased risk for strong and frequent rip currents. There is a low chance that the system could acquire tropical or subtropical characteristics before the system moves inland. The degree of impacts to the area will be closely tied to the track and strength the area of low pressure takes. IMPORTANT: Impacts to the area will be the same whether the system becomes a tropical or subtropical cyclone or remains a weak, non-tropical low pressure system.

### TIMING

Wednesday into Thursday

## ■ Rainfall/Flooding:

- Rain will begin to move onshore along the Georgia coast late tonight and spread across all of Southeast South Carolina and Southeast Georgia Wednesday, lingering into Thursday.
   Rainfall amounts: 1.3 inches (highest coastal counities) with isolated amounts 5+ inches
- Rainfall amounts: I-3 inches (highest coastal counites) with isolated amounts 5+ inches.
- Minor flooding of low-lying and poor drainage areas is possible; flash flooding unlikely.
- Confidence: Moderate

#### Non-Thunderstorm Winds:

- Breezy conditions could impact the coastal counties Wednesday into Wednesday night, especially at the beaches.
- Probability of wind gusts 40+ mph over coastal counties: 15-25% (highest beaches)
- Wind gusts of 40 mph are capable of downing large branches and small trees. Isolated power outages are possible.
- Confidence: Low

#### Rip Currents:

- Increasing winds and seas will support an increased risk for rip currents Wednesday. A
  Moderate Risk is in place for all beaches.
- The elevated risk should persist through the end of the week. A High Risk may eventually be needed.
- Confidence: High

#### Marine:

- East to southeast winds 15-20 kt with infrequent gusts to 25 kt. Seas building 4-6 ft. Small Craft Advisories could be needed, especially for the GA waters beyond 20 nm.
- Low risk for gales; probabilities for gusts exceeding gale force: 15-25%
- Confidence: Low

### **NWS ALERTS**

ADDITIONAL

INFORMATION

**HAZARDS &** 

**IMPACTS** 

None

### Stay Aware:

 Latest Briefings: <u>NWS</u>
 <u>Charleston Briefing Page</u>

 Tropical Weather Outlook: NWS Charleston Tropical

Page

- Excessive Rainfall Outlooks: Weather Prediction Center
- Tide Forecasts: <u>Charleston</u> <u>Harbor</u> || <u>Fort Pulaski</u>

# NEXT BRIEFING By 6 PM Tuesday (06/03/2025)

Seven-Day Graphical Tropical Weather Outlook
National Hurricane Center Miami, Florida

All Disturbances

All Disturbances

Www.hurricanes.gov

45N

35N

35N

Current Disturbances and Seven-Day Cyclone Formation Chance: 3
< 40%</td>
40%
40%
> 60%
> 60%

Tropical or Sub-Tropical Cyclone: Openession Seven-Day Cyclone or Remnants
Storm
Hurricane