



...RECORD RAINFALL AND HAZARDOUS WEATHER INTO TUESDAY...

OVERVIEW

A strong storm will produce a variety of significant impacts across the area into Tuesday – including flooding due to rainfall, tidal/coastal flooding, strong coastal winds, dangerous marine conditions and river flooding.

CURRENT WATCHES, WARNINGS AND/OR ADVISORIES

FLASH FLOOD WATCH: All of southeast SC/GA for various times this afternoon through Mon night
GALE WARNING/WATCH: Gale Warning for all the coastal waters. Gale Watch for Charleston Harbor.
WIND ADVISORY: SC coastal counties and coastal Chatham County, GA tonight into Monday morning.
HIGH SURF ADVISORY: All coastal counties through Monday.

HAZARDS AND IMPACTS

HEAVY RAIN/FLOODING: 4-9" of rain w/ locally higher amounts could produce flash flooding, especially near the coast around the times of high tide. Flooded roads could hamper travel. Highest rainfall amounts will be over the Charleston Tri-County area. The risk for flash flooding could become enhanced in Downtown Charleston with heavy rain during the Monday morning high tide. Widespread flooding could occur resulting in significant impacts. [Storm total rainfall graphic.](#)
TIDAL FLOODING: High astronomical tides and strong onshore winds will likely produce minor to moderate levels of coastal flooding for the Monday and Tuesday morning high tides along the SC coast. There is a low chance for major salt water flooding around Charleston during the Monday morning high tide. Coastal Flood Advisories are likely with a Coastal Flood Watch/Warning possible for the SC coast. Flooded roads could hamper travel.
STRONG WINDS: Inland 15-25 mph with gusts 30-35 mph. Coast: 20-30 mph with gusts 40 mph. This could lead to downed trees, especially given the expected wet ground conditions. Isolated power outages could also occur. Higher winds on elevated bridges. Wind Advisory in effect for coastal counties.
MARINE: Gale force winds likely all waters.
HIGH SURF/BEACH EROSION: Waves breaking at the beaches could reach 5-8 feet. High Surf Advisory in effect. Dangerous surf conditions are expected and significant beach erosion is possible.

TIMING

HEAVY RAIN/FLOODING: Greatest risk late this afternoon/evening into Monday afternoon/evening.
TIDAL FLOODING: Greatest risk Monday morning.
STRONG WINDS: Greatest risk near coast tonight into Monday.
MARINE: Greatest risk this afternoon through Monday morning.
HIGH SURF/BEACH EROSION: Greatest risk late this afternoon into Monday morning.

CONFIDENCE

HEAVY RAINFALL/FLOODING: High for heavy rain amounts; Low to moderate for flash flooding
TIDAL FLOODING: High for minor/moderate levels of tidal flooding; Low for major levels of tidal flooding
STRONG WINDS: Moderate near coast.
Marine/High Surf/Beach Erosion: High.

RECOVERY PHASE WEATHER ISSUES

Please refer to our latest forecasts for [River Flooding](#) which is ongoing or which could develop after the rain ends next week.

ADDITIONAL INFORMATION

Next Update: By 6 PM Sunday **Stay Aware:** [NWS Charleston Briefing Page](#)

