



Heavy Rain & Coastal Briefing

October 5, 2025
10:30 AM EDT

Situation Overview



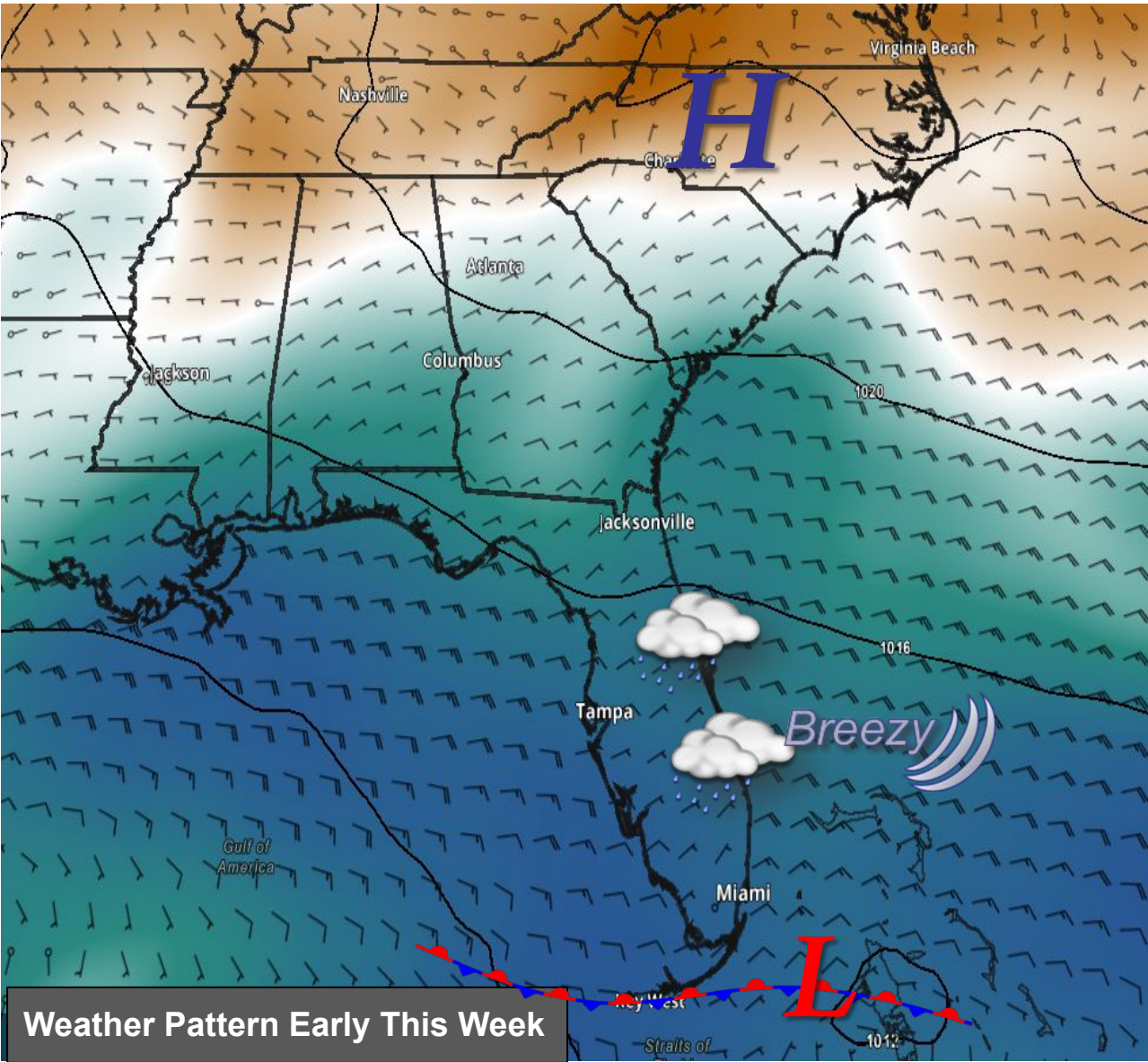
Key Messages:

- A continued combination of strong easterly (onshore) flow and a stalled boundary to the south will maintain the **potential for heavy rain from showers and isolated lightning storms** into early this week.
- Minor flooding of low areas along the shore and intracoastal is forecast to continue into mid-week, due to onshore flow and above normal tides. **A Coastal Flood Advisory remains in effect.**
- Prolonged, dangerous beach and marine conditions will continue through at least Tuesday, with life-threatening rip currents, high surf with breaking waves of 5 to 7 feet, and minor beach erosion, especially near times of high tide.



Changes From Last Briefing:

- Coastal advisories (High Surf Advisory, Coastal Flood Advisory, & Rip Current Statement) have been extended into Tuesday afternoon.
- The Flood Watch has been extended for coastal counties into Monday evening.



Rainfall Outlook

Through Monday, October 6th

A **Flood Watch** remains in effect for coastal counties of east central Florida

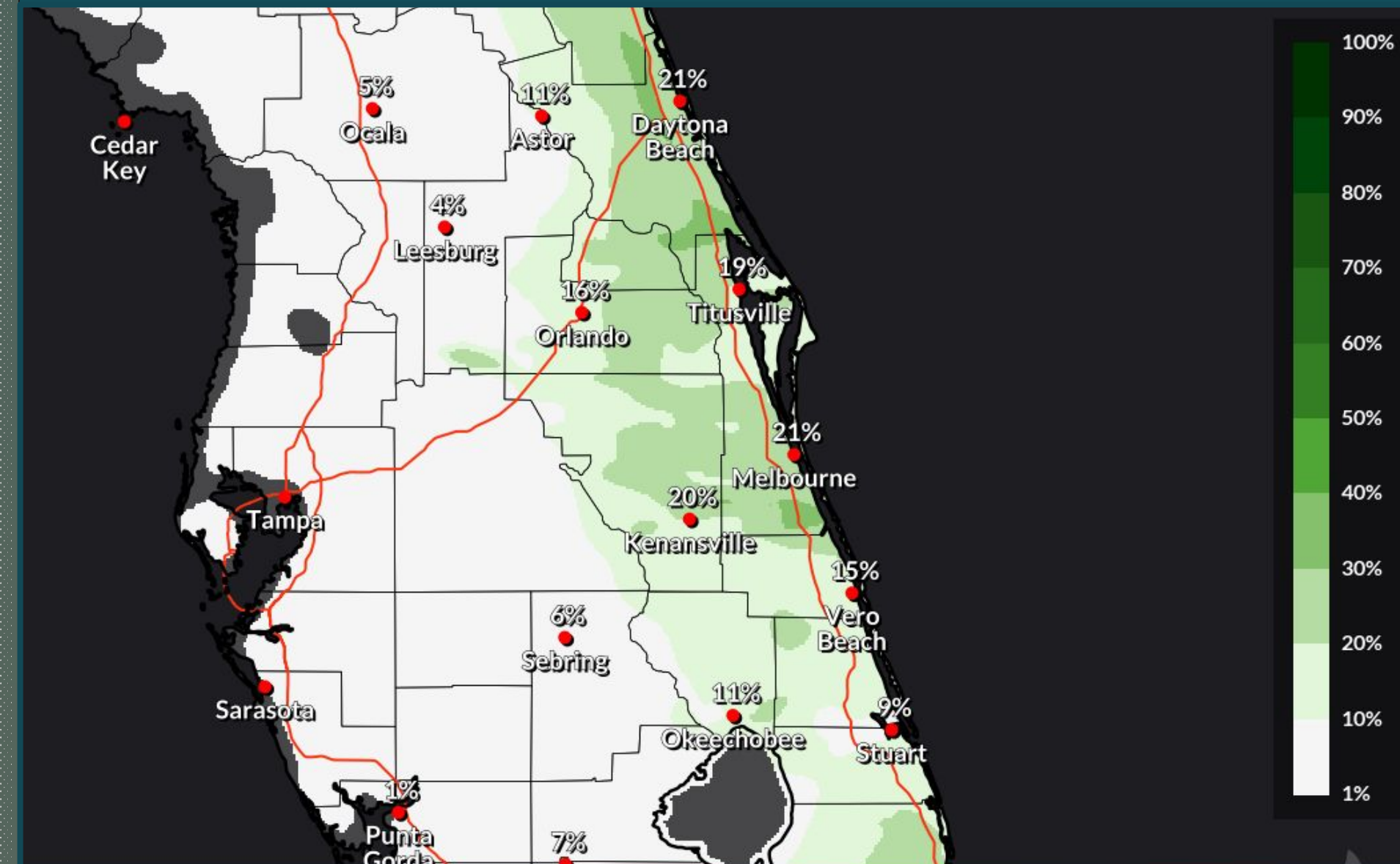
What To Expect

- Rounds of scattered to numerous showers are forecast today, peaking tonight and into Monday
- **Most likely amounts: Less than 1.5"**
- Localized rainfall totals up to 4" in heavy downpours

Impacts

- Localized persistent heavy rain may lead to flooding of low-lying areas, swales, and roads

Chance of 2" Rain Or Greater



WEATHER FORECAST OFFICE

Melbourne  Florida

Updated: October 5, 2025

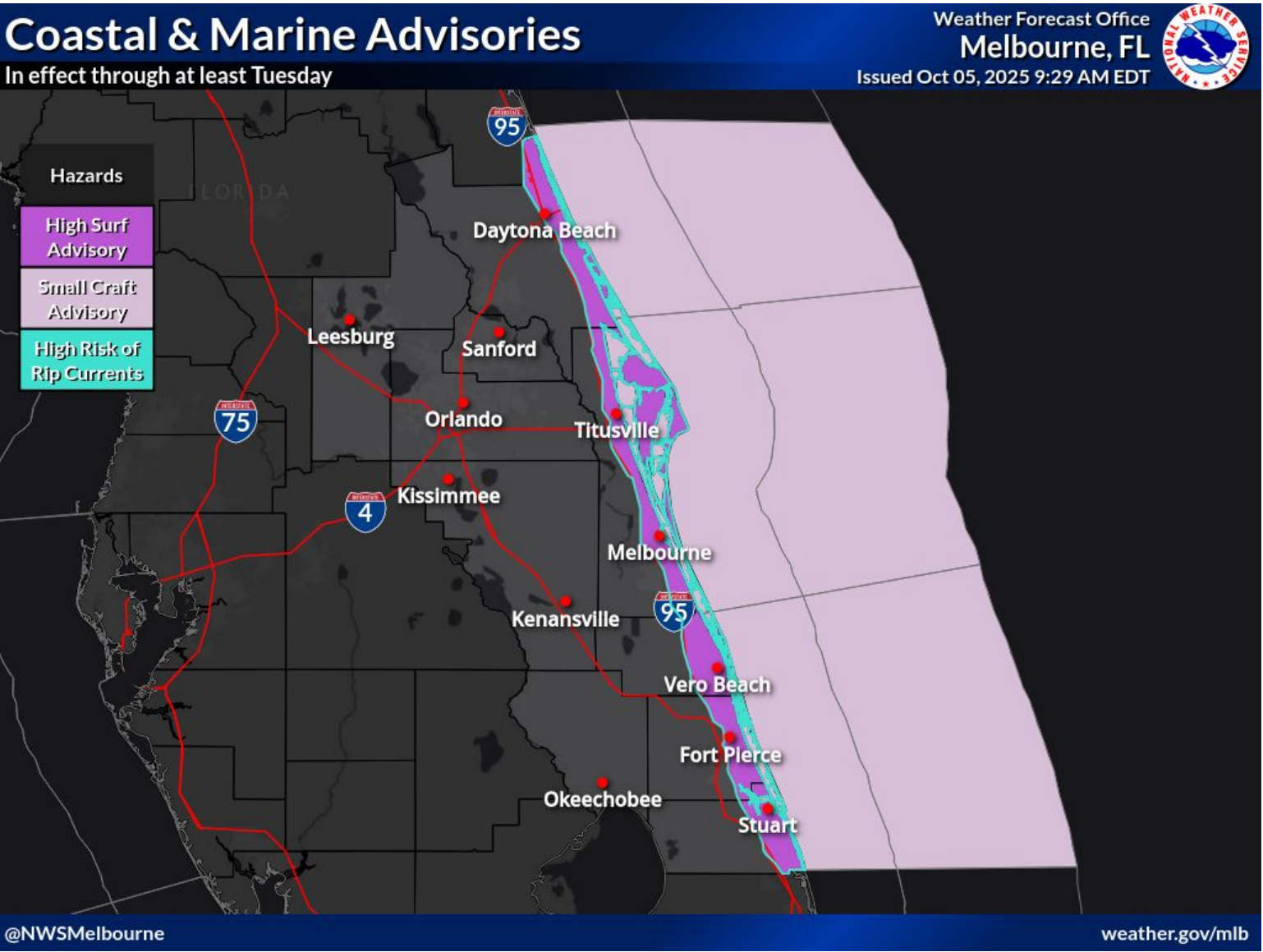


Marine & Heavy Rain Briefing

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Coastal Hazards

Current Coastal and Marine Advisories



- A High Surf Advisory, Rip Current Statement, and Small Craft Advisory are in effect through at least **Tuesday**.
- Large breaking waves of 5 - 7 feet will lead to dangerous beach conditions and the potential for minor to moderate beach erosion, especially during the afternoon high tides.
- Increasing tidal levels will bring an elevated risk of minor flooding along the shore. **A Coastal Flood Advisory is in effect for all of the east central coast through Tuesday.**

	Times of High Tide (EDT)		
	Sunday	Monday	Tuesday
Ponce Inlet	– 8:06 PM	8:36 AM 8:51 PM	9:25 AM 9:35 PM
Trident Pier	– 7:00 PM	7:26 AM 7:48 PM	8:16 AM 8:37 PM
Fort Pierce Inlet	– 7:30 PM	8:00 AM 8:15 PM	8:49 AM 8:59 PM





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Next Briefing

- As Needed
- Method: E-Mail



Disclaimer

- As a reminder, this forecast is for internal planning and distribution by emergency management and public safety personnel only and should not be released to the public.



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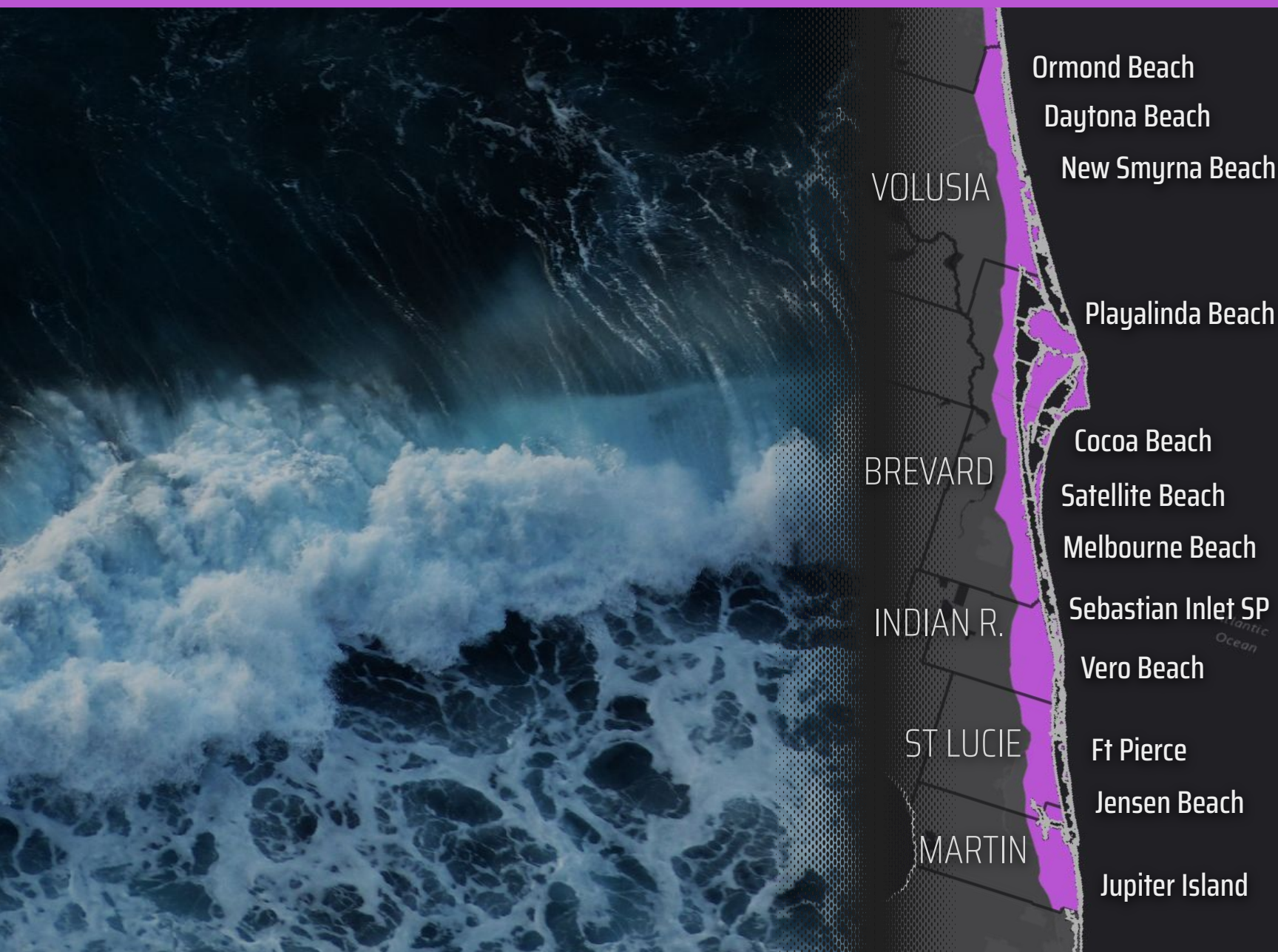
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NWSMelbourne



High Surf ADVISORY

THROUGH SUNDAY



ADVISORY Area

→ **ALL Atlantic Beaches**
Daytona, Space, & Treasure Coasts



Rough 5 - 7 FT Breaking Surf

Moderate Beach & Dune Erosion

High Tide at Beaches: 7-9 AM/PM



Stay out of the ocean!

*Follow instructions of lifeguards
and local beach patrol*



Never turn your back on the sea

*Larger waves can sweep you
off your feet*



High risk of rip currents

*Life-threatening currents
will be present*



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