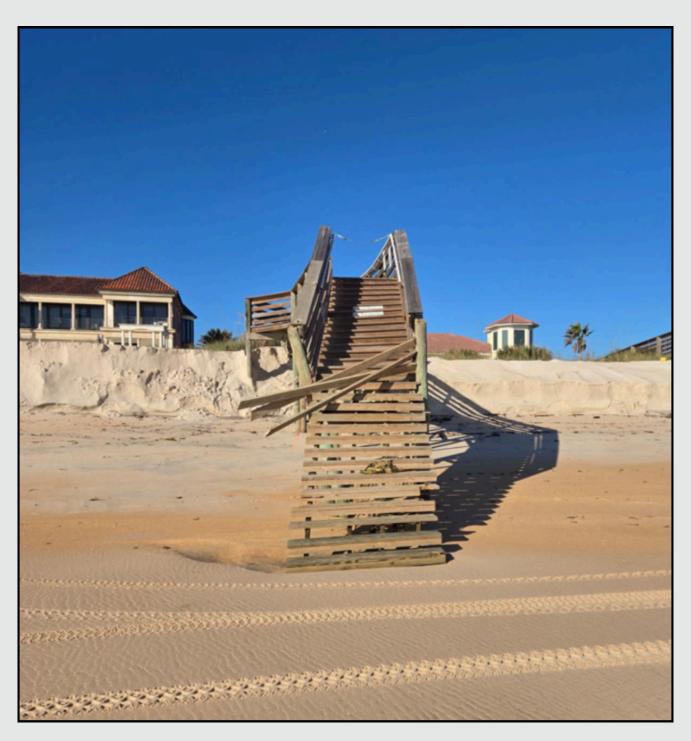
FIELD INSPECTION

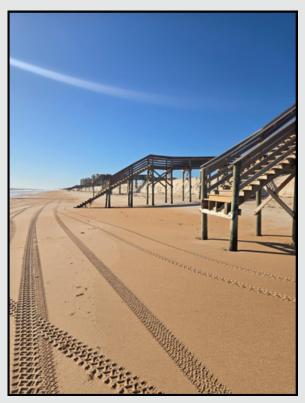
FLAGLER COUNTY COASTLINE



FOLLOWING THE OCTOBER 2025 NOR'EASTER











OVERALL SUMMARY

The northern coastline performed well with no significant new erosion observed, however there was more exposed rock in some areas indicating the beach sand was moved further offshore.

The new dune restoration projects in Ocean Hammock and Hammock Dunes had the highest amount of erosion with large scarps ranging from six to 12 feet. Large erosional scarps were also observed along the dunes at Varn Park and Beverly Beach. Additionally, the seawall at the Beverly Beach Campground failed. The northern FDOT seawall experienced significant scarping and erosion with coquina boulders being exposed within the eroding 6 – 8 foot dune scarps.

Within the City of Flagler Beach, the area north of pier did not experience much erosion, however, the USACE Federal beach nourishment project experienced dune erosion and recession, particularly in the middle sections of the project. Scarps of 6-7 feet were observed within the middle section and smaller scarps of 2-3 feet were observed at the ends of the Federal Reach.

Gamble Rodgers and the area in front of Snack Jacks experienced deflation of the beach, and the dune in front of the southern FDOT seawall in south Flagler County experienced minimal to moderate erosion with 1 – 5 foot scarps along the dune.

River-to-Sea Preserve: Very minimal scarping along the dune, the beach and dune handled the storm well. Drone footage of River-to-Sea to Surf Club taken at low tide.

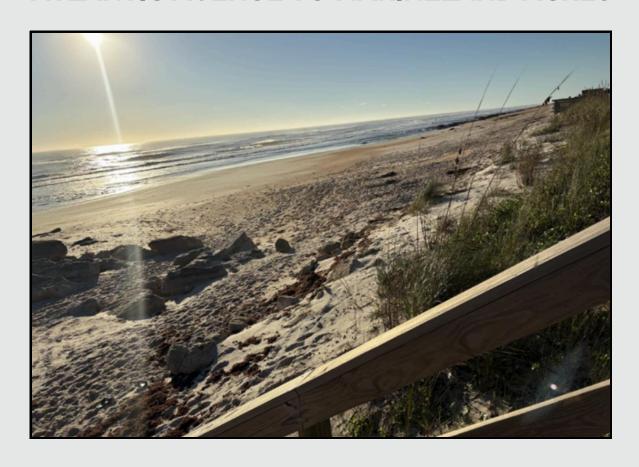


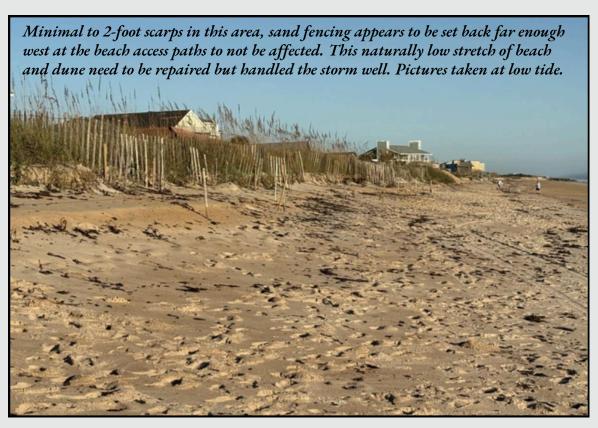
RIVER-TO-SEA

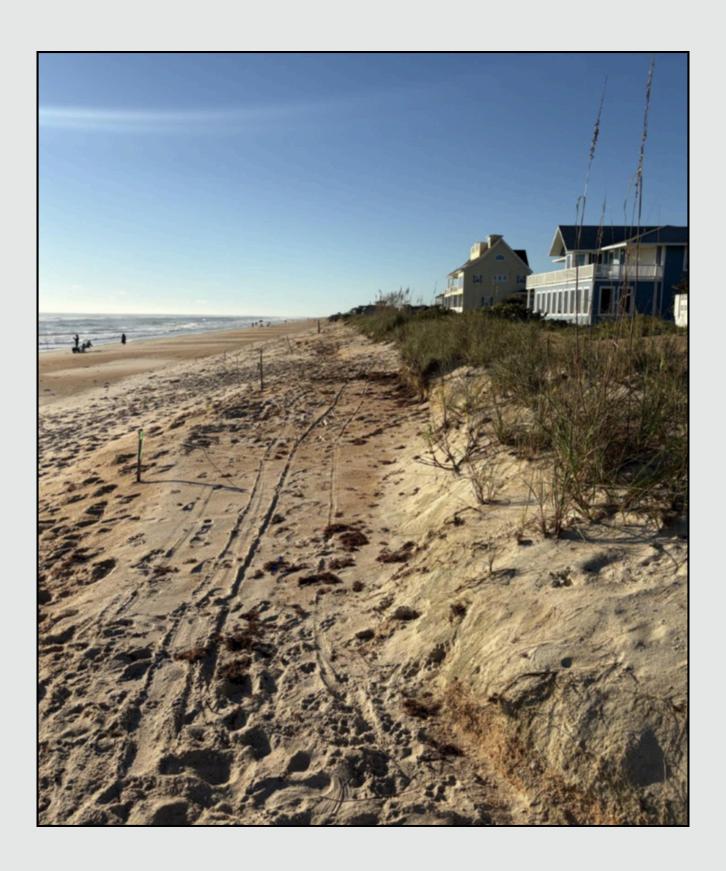


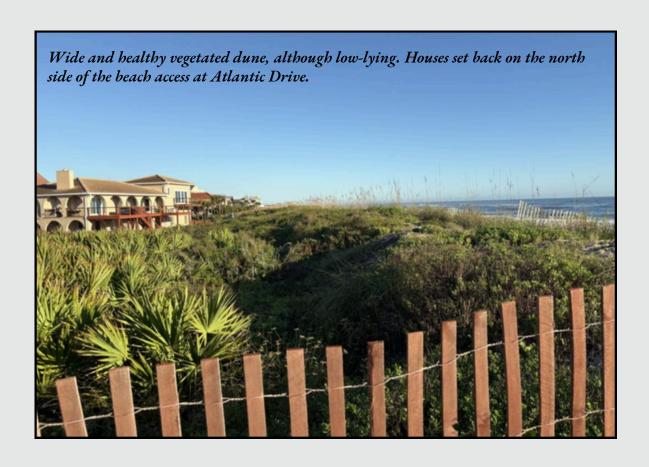


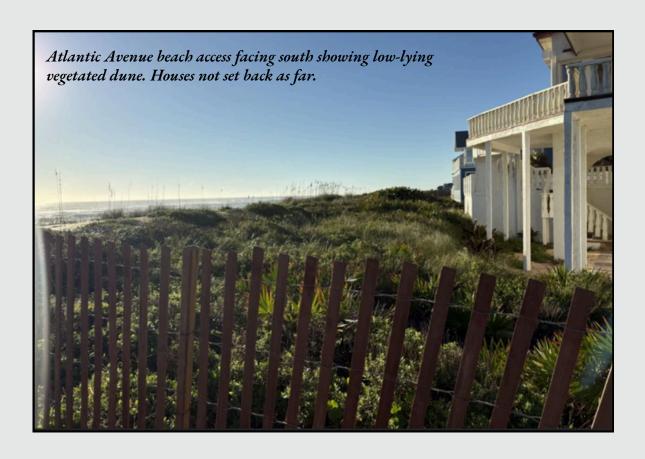
ATLANTIC AVENUE TO MARINELAND ACRES











BAY DRIVE PARK AREA

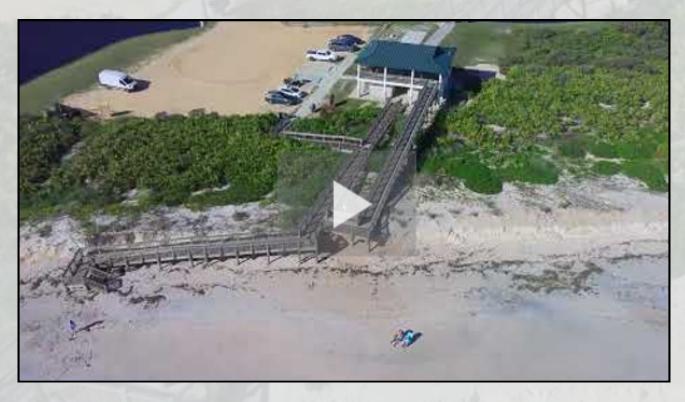


Bay Drive Park area has scarping along dune indicating more erosion and regression of dune.

Bay Drive Park reported overtopping, but there was no evidence of it. However, there is dune erosion scarping and recession here.



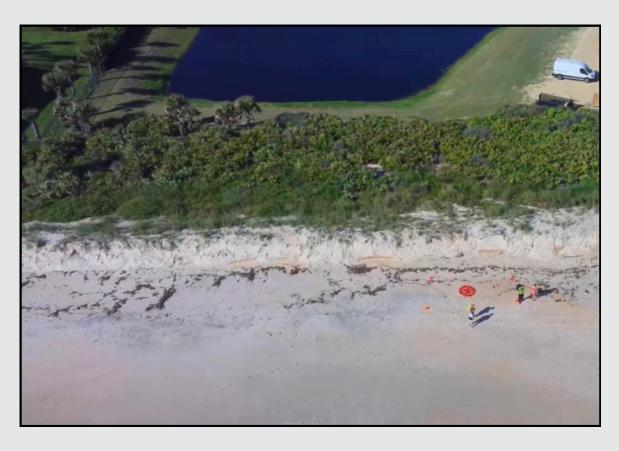
BAY DRIVE PARK DRONE FOOTAGE



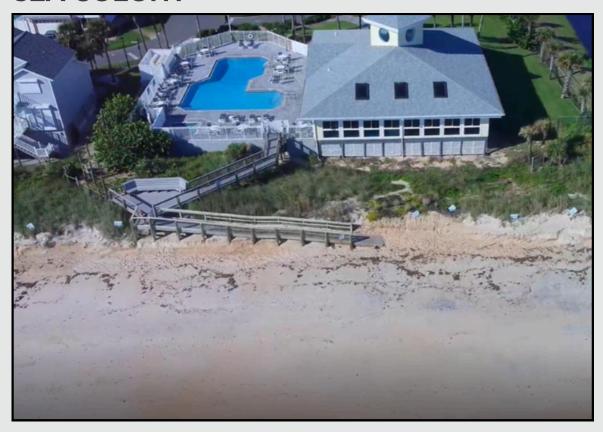
Dune erosion but no evidence of overtopping of dune.



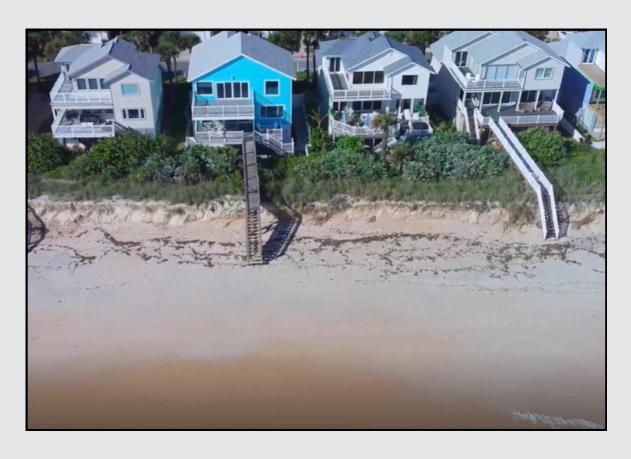
Major scarping along dune and recession of dune. Scarp appears to be at least 6-feet-high in the footage shown here.



SEA COLONY



Sea Colony has about 10 to 20% of the 2023 dune project remaining.



MALACOMPRA



Solee Road and northern MalaCompra have hardbottom outcrops exposed on the beach indicating a decrease in beach elevation. Large scarp evident along dune from 2023 dune restoration project.

MalaCompra Park – a view of the dune and the beach from walkover by restrooms looking south. Very little erosion observed.



MalaCompra Park – a view of the dune and the beach from walkover by restrooms looking north with no additional erosion observed from the storm.



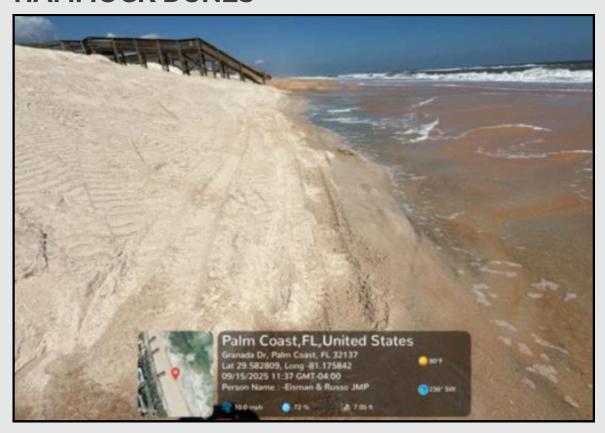
OCEAN HAMMOCK



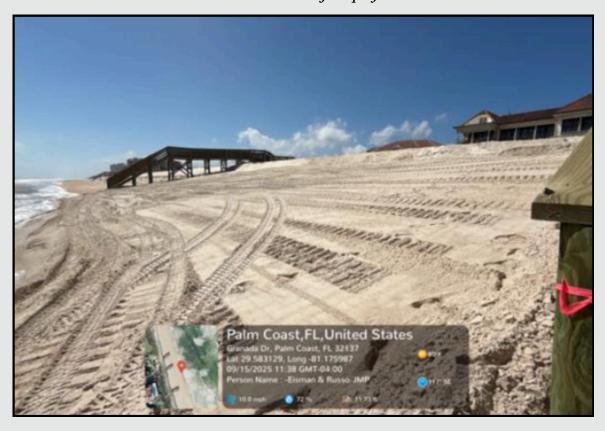
Ocean Hammock Dune restoration project had about 50% of its sand eroded. Significant dune scarping indicating erosion of dune.



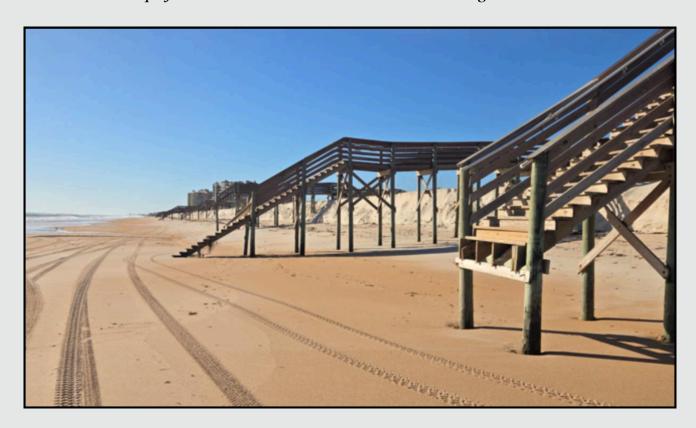
HAMMOCK DUNES

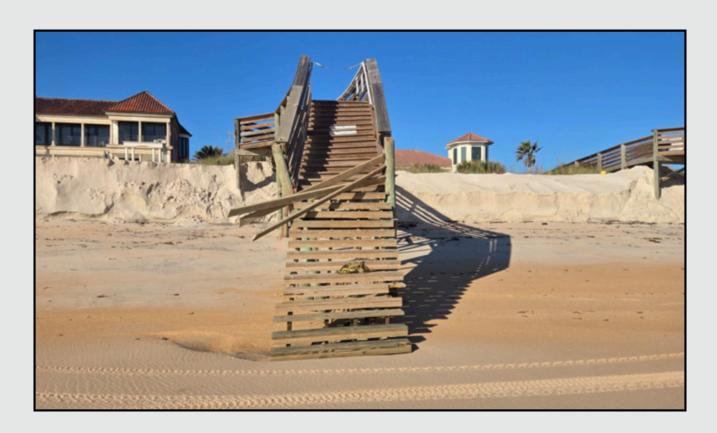


<u>Before:</u> Hammock Dunes south of Jungle Hut at Grand Mer. Scarping along the entire Hammock Dunes area ranged from 6 feet to 12 feet and generally increased from south to north with the most erosion at the northern end of the project.

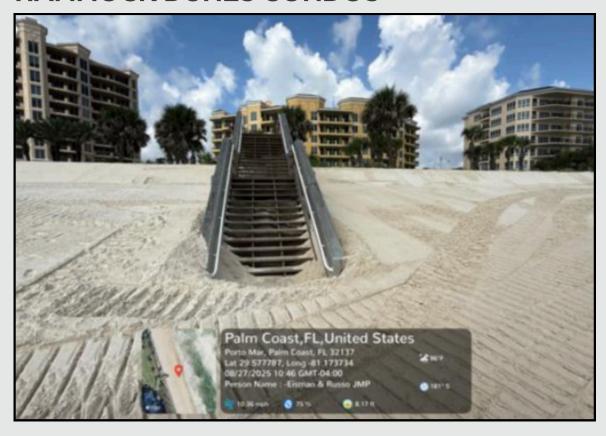


After: An estimated 80-90% of the sand has been eroded along the extreme northern end of the Hammock Dunes project in Grand Mer. Walkovers 2 and 3 were damaged in the nor'easter.

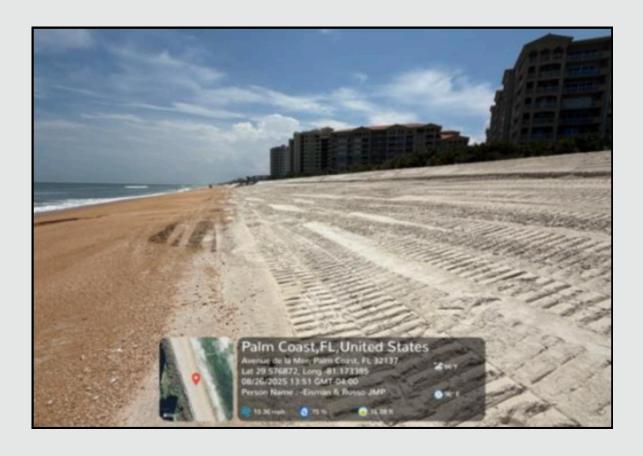




HAMMOCK DUNES CONDOS



<u>Before:</u> Pictured before the nor-easter.





<u>After:</u> The entire area of the foreslope of the dune is gone, and the dune crest width is reduced from 20' to 10-12 feet wide. Approximately 8-foot scarps were observed.



VARN PARK



There is very little beach under mid-tide conditions.



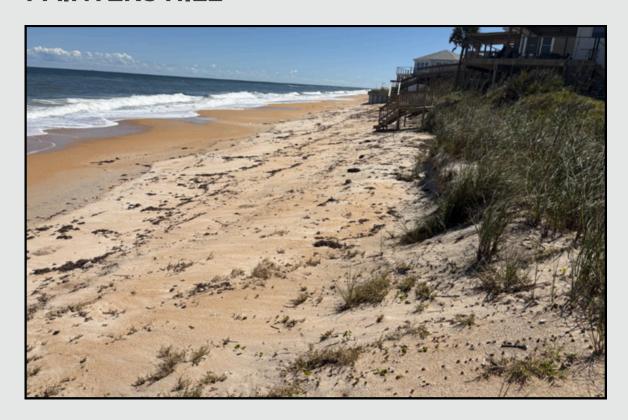


Varn Park and Hammock Dunes dune restoration project showing large scarping and erosion. The beach is deflated and flat providing very little recreational space at mid-tide conditions. Little to no beach at high tide.

Pilings (12+ feet) are exposed and vulnerable to damage in future nor'easters.



PAINTERS HILL



North of "Matthew seawall" looking south shows minimal scarping, a small amount of dune and vegetation from 2023 emergency project still in place.

Matthew seawall exposure (man shown for scale). This has been the typical elevation since the stairs have been built in prior years.





Looking north from "Matthew Seawall" shows north scarping and minimal erosion along the dune and elevated beach.

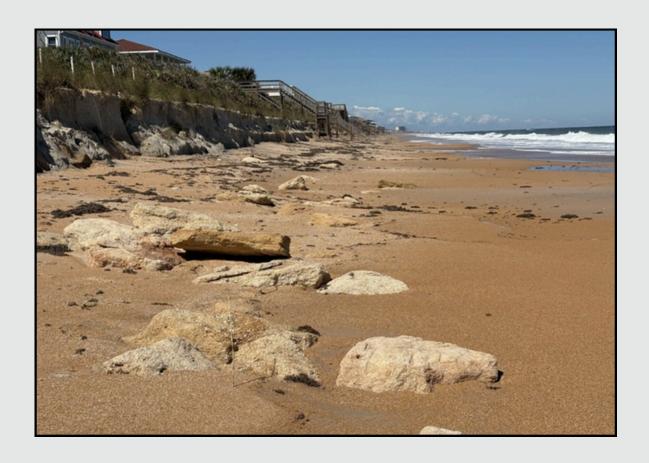


BEVERLY BEACH



Treasure by the Sea Campground shows major scarping (6 to 8 feet high) and dune erosion.





Exposed coquina rock in the lowered beach, looking north.

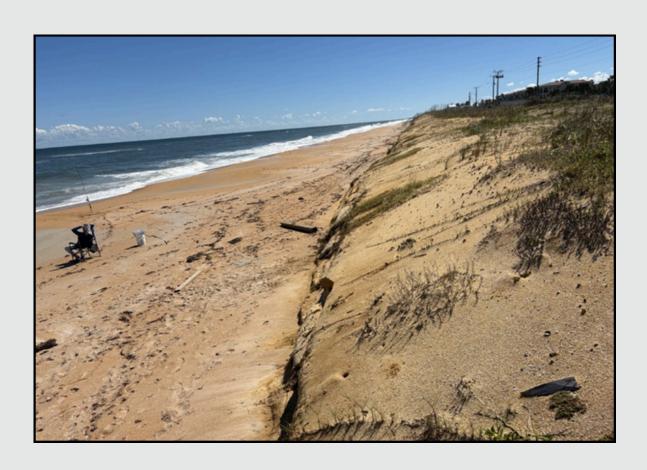
Beverly Beach Campground seawall failure.



SOUTHERN BEVERLY BEACH DRONE FOOTAGE



Northern FDOT buried seawall, and Flagler Beach north of the pier – Ocean Marina Drive to North 15th Street.

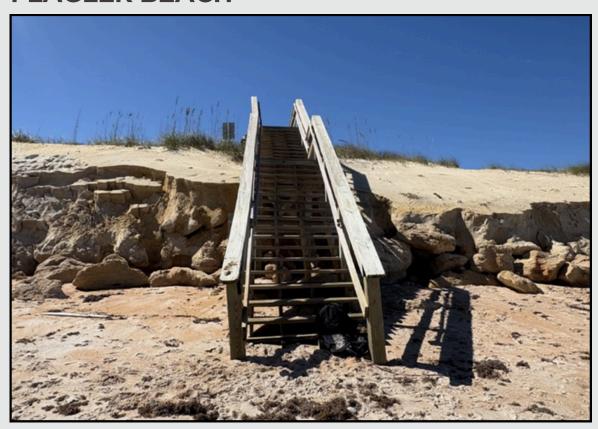


Beginning of secant wall with 2 to 3 foot scarp, looking south.

Looking north.



FLAGLER BEACH

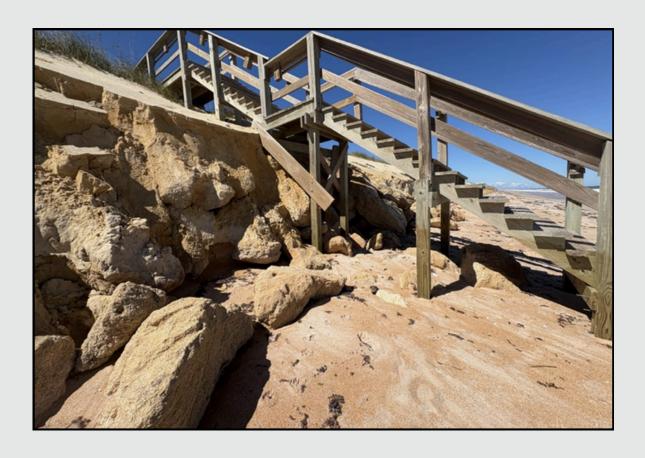


North 20th Street shows major scarping (6 to 8 feet high) with coquina boulders exposed.

Coquina rock with sand, looking north.







Looking south.



Exposed coquina rock



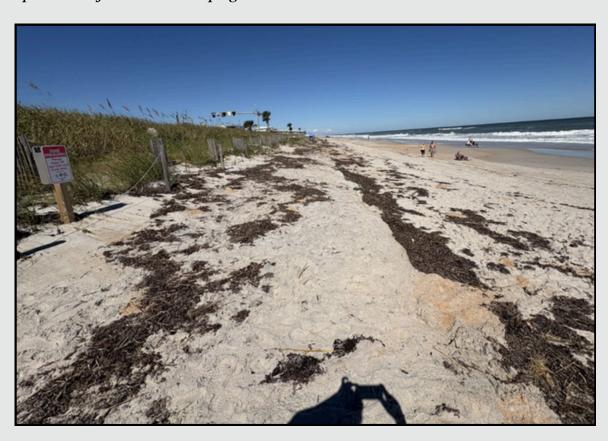
North 14th Street has a wide natural vegetated dune, no erosional scarp. Relatively stable and resilient section of coastline, looking north.

Looking south.





North 3^{rd} to North 7^{th} Street – dune, sand fencing, and rope and posts all intact. Sargassum up to the toe of dune but no scarping.



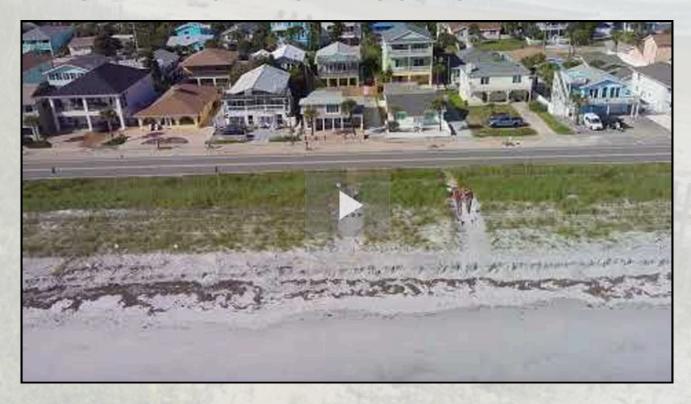


Wide beach.

Vegetated dune.



FLAGLER BEACH DRONE FOOTAGE



US Army Corps of Engineers Coastal Storm Risk Management Beach Nourishment Project area. Drone footage is from South 8^{th} Street to South 28^{th} Street.



At South 8^{th} Street, the beach has been deflated and observed scarping of dune 2 - 3 feet high.





Sand in nearshore and offshore bars causes waves to break further offshore:

11th Street South across from the Ocean Club has difficult beach access with 4 to 5 foot scarp. Rope and posts are still in place.





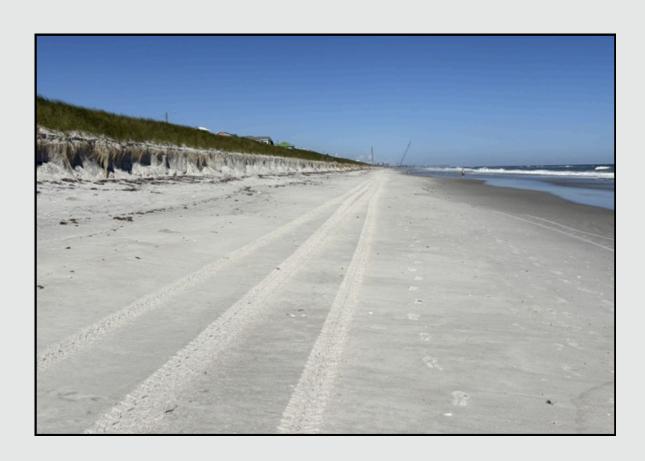




16th Street South access has significant scarping along the project for several blocks in each direction. Scarps are approximately 6 feet tall. Rope and posts are down and stacked at access. Difficulty climbing up access from beach. (Man shown for scale.)









19th St South has significant scarping (4 to 5 feet high). Rope and posts down making beach access difficult.





 28^{th} Street South has 2 to 3 foot scarping in each direction.









Snack Jacks





Gamble Rogers State Park looking north.



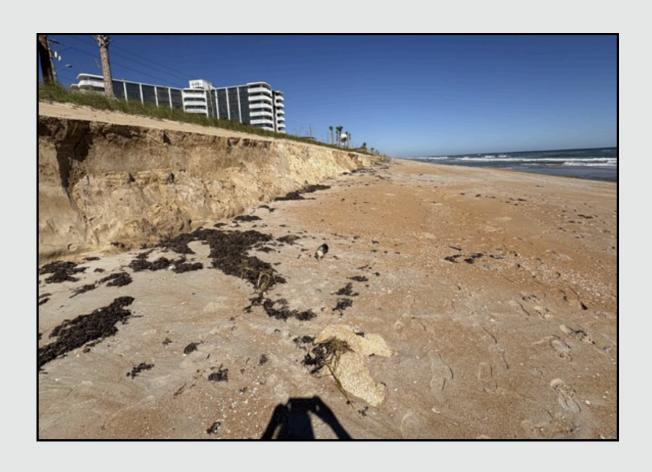


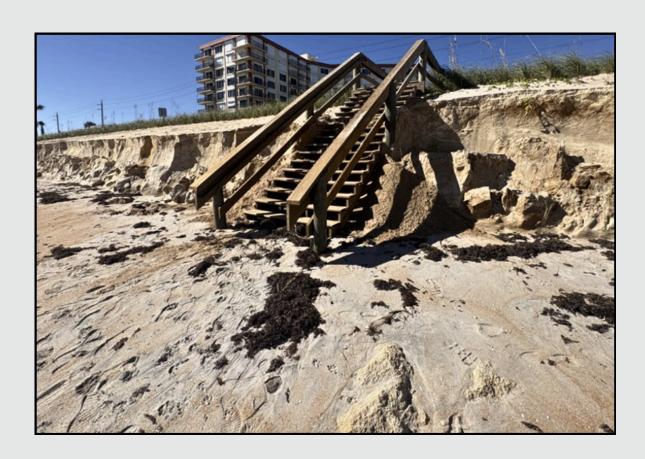
Secant Wall in southern Flagler County has a scarp height varied along the project from minimal scarping to upwards of 4 feet along dune.



















Government Services Building

1769 E. Moody Boulevard Building 2 Bunnell, FL 32110

Contact us

Monday through Friday: 8 a.m. to 5 p.m. 386-313-4000 www.FlaglerCounty.gov















