

THE MORE YOU NOAA

NOAA in your state: **FLORIDA**

These are just a few of the things NOAA does in Florida...

1 Panama City

NOAA Fisheries Lab conducts vital research for gulf fisheries including offshore reefs, highly migratory species, juvenile shark research and work on threatened and endangered species.

2 Apalachicola

Apalachicola Bay National Estuarine Research Reserve protects the greatest assortment of amphibians and reptiles in the US. 234, 715 acres of natural diversity: 1, 162 plants, 315 birds, over 180 species of fish, and 57 species of mammals.

3 Gulf of Mexico

Southeast Coastal Ocean Observing System, part of the larger Integrated Ocean Observing system, provides information to improve coastal safety used by everyone from recreational boaters to coastal developers. The system includes: 8 high frequency radars, 5 coastal stations, 3 marine weather buoys, and 2 data portals.

4 St. Petersburg

Southeast Regional Office is responsible for 40% of all federal fishery management covering hundreds of species, 17 fishery management plans and the first regulatory program for offshore aquaculture.

5 Lakeland

Office of Marine and Aviation Aircraft Operations Center is home of NOAA's hurricane hunters. These planes fly into hurricanes providing critical information on the path and strength of storms used by local and state officials to keep communities safe.

6 Naples

In 2017, Naples received \$484,244 to restore oyster reefs as part of a larger \$3.2 million package of **grants for coastal restoration** throughout the state.

7 Jacksonville

PORTS (Physical Oceanographic Real Time System) is the key to safe and efficient navigation. The system provides real time data on water levels and conditions and combines it with precise location information. An additional foot of draft may increase profit up to \$288,000 per trip.

8 Melbourne

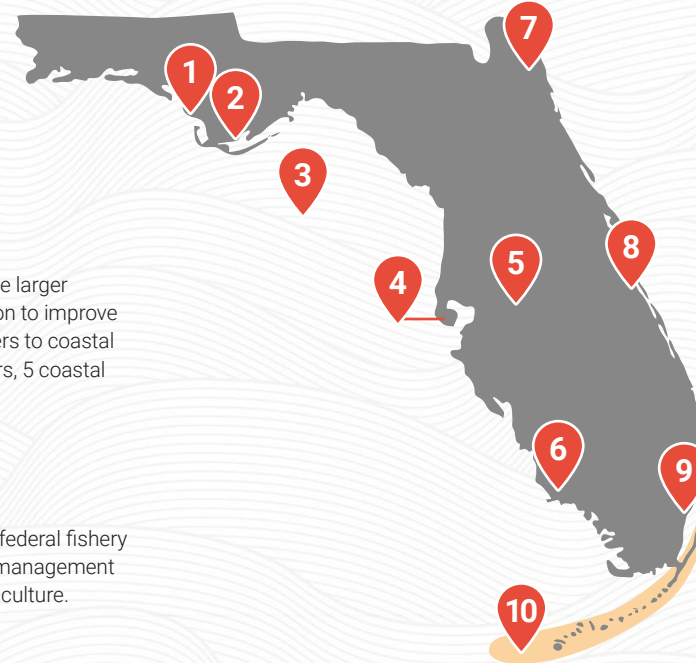
1 of 6 **Weather Forecast Offices** in FL staffed 24 hours a day providing forecast and essential weather information to the public, emergency management, law enforcement officials, aviation communities, and businesses.

9 Miami

- ▶ **Office of Satellite Data Processing** monitors Search and Rescue Aided Tracking (SARSAT) network for signals from distressed individuals and has saved more than 8,200 lives in the US since 1982. Also provides information to military services helping ensure national security.
- ▶ **National Hurricane Center** provides year round monitoring and provides hurricane forecasts for much of the Atlantic.
- ▶ **Southeast Regional Science Center** supports all aspects of science to ensure healthy fisheries and fishing communities and protects marine mammals and sea turtles.

10 Florida Keys

NOAA runs the **Florida Keys National Marine Sanctuary** which hosts upwards of 750k visitors a year. Much of Florida's beauty lies just beneath the surface in the world's third largest barrier reef which attracts divers from all over the world.



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Weather is a big part of NOAA's mission, from tracking hurricanes to maintaining 50 automated weather observing stations around Florida to deploying a Geostationary operational satellite from Cape Canaveral. But, there is much more to NOAA's mission. From satellites to seagrass and everything in between, NOAA works to conserve coastal and marine resources and understand the climate and weather around us.

MARINE SANCTUARIES

State Benefits

750,000 visitors come to the FL Keys National Marine Sanctuary each year, spending more than \$50M in diving and snorkeling operations.

Tourists spent more than \$470M in Monroe County on onshore tourism related activities such as dive shops, hotels, and restaurants.

NOAA Investment

FY15 investment of \$1.3M to the Fisheries Management Council and state government to better understand how environmental changes can affect key resources.

FY15 investment of \$148,000 to local universities and colleges to study coral reef restoration and resilience.

FISHERIES

RECREATIONAL

State Benefits

There are more than 100 saltwater fish species in Florida, earning the state the name "Sportsman's Paradise."

In 2015, 4.6M recreational angler took 22M trips to Florida; 3.1M anglers were visitors from out of state, infusing tourism dollars into our local economy.

Recreational anglers spent more than \$7.3B on tackle, fishing equipment, boats and more, supporting 96,000 jobs.

NOAA Investment

Provides robust stock assessments, recreational fishermen survey efforts, coastal restoration, social and economic studies, and cooperative research.

Supports the work of Fishery Management Councils that manage the resource and ensure a sustainable fishing future.

COMMERCIAL

State Benefits

Commercial fisherman landed over 100M pounds of fish in 2015, and those landings support hundreds of shoreside businesses and thousands of jobs.

Those fish were likely landed in one of 464 marinas, processed in one of Florida's 315 seafood processing businesses, and sold in one of 346 seafood retail stores.

In 2015, the economic benefit of Florida's seafood industry was \$20.2B employing more than 79,000 people.

NOAA Investment

Provides critical scientific information to help fishermen make timely business decisions and provide for the future of the industry.

Supports the National Seafood Inspection Program which ensures safe seafood and helps US businesses send their product around the globe.

AQUACULTURE

State Benefits

Florida's aquaculture industry has an economic impact of over \$50M.

NOAA Investment

In FY17, NOAA gave \$1.1M to state partners for innovation and expansion for the aquaculture industry.

The funding will support existing wild stocks, ultimately helping to increase fishing opportunities around Florida and help businesses understand the permitting process for aquaculture in the Gulf of Mexico.

SAFE PASSAGE

State Benefits

Cargo and Cruise ships have an \$117.6B economic impact and employs more than 17,000 people.

With NOAA information, ships are able to use the waterways at the most efficient times; an additional foot of draft can increase profit up to \$288,000 per transit.

NOAA Investment

Ships rely on NOAA's PORTS for real-time data to ensure safe and timely passage of cargo and passengers. The system provides real-time data on water levels, currents, forecasts, navigable hazards and combines it with precise location information needed to make decisions for safe passage and safe harbors.