August 2024

New Data, New Resources

Digital Coast **– Your Coastal Information Resource**

- **Tool** – Historical Hurricane Tracks Tool updated with 2023 data
- **Self-Guided Training** – Needs Assessment Guide
- **Data** – See the list of new and updated data sets.

Office for Coastal Management

- Follow NOAA's Office for Coastal Management on LinkedIn.
- Explore the complete list of state impact stories and use them in your communication efforts. The most recent stories are at the top.

Product Highlight

Tropical Cyclone Data Help Planners Understand Damaging Winds
New data on Marine Cadastre help planners assess risk and build resiliency in terms of tropical cyclones and the potential impact on offshore infrastructure and the interruption of commerce and marine operations. The data include storm tracks (segments) and also indicate how often an area has experienced wind events of specific intensities. The data can be viewed along with other marine planning datasets using the tool's viewer or by downloading the datasets.

Staff Picks

Historical Hurricane Tracks Tool

The Product: Quickly and easily search over 13,000 storm tracks covering seven ocean basins and dating back 180 years. Originally developed in 2002 for National Hurricane Awareness Week, it's now one of the most popular tools available from NOAA's Digital Coast.

Why Billy Chose It: This tool has been around for 20-plus years for a reason. People use it for everything from looking to see if a storm has ever shared their name to finding out which storms have hit the location they're considering for their vacation. Users can also use the tool to determine the typical direction and intensity of hurricanes for storm surge modeling. The hurricane tracks tool even contains settings that make the tool's screen grabs great for presentations. Want help? Just ask!

Tech Topics

Take Five for Green Infrastructure

When coastal storms strike, natural areas can protect communities and critical infrastructure. Known as green infrastructure, these areas include wetlands, seagrasses, beach dunes, and more. Learn about the benefits of green infrastructure in this five-minute interactive module, then look for opportunities to incorporate green infrastructure into your

community's coastal hazard mitigation plan.

Stories from Your Peers

Using Land Cover Data to Inform Watershed Management in Florida
To design a successful watershed management plan, people need accurate information about the impervious surfaces within the watershed, but land classification datasets aren't always perfect. In an effort to improve accuracy, watershed managers in Pinellas County, Florida, incorporated NOAA land cover data for impervious surfaces. These data provided the footprint for roads and other impervious structures to create "directly connected impervious area" coverage values. Pinellas County can now better evaluate the capacity of a watershed to protect, enhance, and restore water quality and natural systems and improve flood protection.

- To learn more, read the full story here.

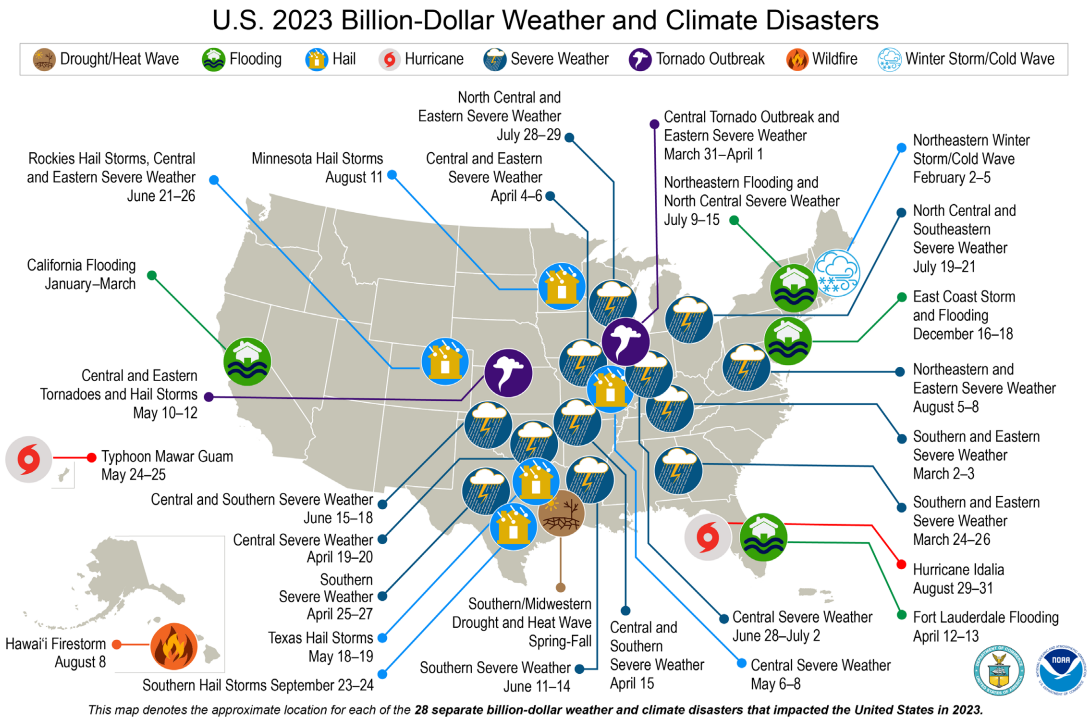
Tips from the Digital Coast Academy

Finding Critical Data for Community Risk Assessment
Understanding the people and places in harm's way during a flood represents key data needed for emergency planning and recovery efforts. Do you know where to look for information on flood hazards, susceptible populations, or critical infrastructure? This quick reference can help.

Tip: For data about areas impacted by coastal erosion, reach out to your area's emergency management office or planning department.

If you have questions, email us at coastal.info@noaa.gov.

Fast Facts



*This map denotes the approximate location for each of the **28 separate billion-dollar weather and climate disasters that impacted the United States in 2023.***

This is just one of the many coastal management fast facts and graphics provided for your use. Read the list and let us know if there are others you'd like to see added.