

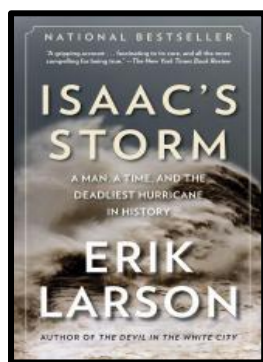
SOUNDSIDE LEARNING

THIS WEEK ON CORE SOUND

COMING UP AT CORE SOUND

- **September 13:**
Community Night,
"Florence Four Years
Later," Supper @ 6 PM
and Program @ 7 PM

Sound Reading Material For You & Your Child

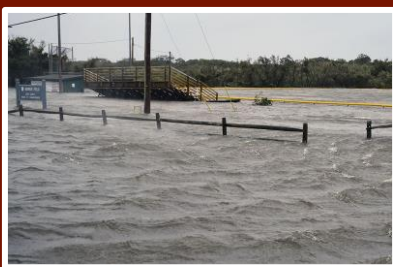


Isaac's Storm

By Erik Larson

September 8, 1900, began innocently in the seaside town of Galveston, Texas. Even Isaac Cline, resident meteorologist for the US Weather Bureau, failed to grasp the meaning of the strange deep-sea swells and peculiar winds seen that morning. Using Cline's own telegrams, letters, and reports, the testimony of scores of survivors, and our latest understanding of the science of hurricanes, Erik Larson builds a chronicle of one man's heroic struggle and fatal miscalculation in the face of a storm of unbelievable magnitude. Riveting, powerful, and unbearably suspenseful, *Isaac's Storm* is the story of what can happen when human arrogance meets the great uncontrollable force of nature.

Grade Level: High School+
Pages: 323



Photos from
[https://island
freepress.org](https://islandfreepress.org)

Hurricane Dorian

In August of 2019, Hurricane Dorian began charging toward Ocracoke and left the island ravaged from waters that rose like a tidal wave in merely two hours. In a 7-foot storm surge, waters from the Pamlico Sound spilled over the village, flooding homes, destroying businesses and altering every life of the island's several hundred locals. Floodwaters in the village reached the greatest depths since 1944.

Here are some highlights of this monumental hurricane:

- Dorian formed August 24, 2019, and quickly rose to an extremely powerful and devastating Category 5 hurricane with peak winds at 185 mph.
- Dorian struck at night on September 5, and on September 6, around 7:30 AM, a 7.4' storm surge quickly tore through the village. Amazingly, there was no loss of life from this storm.
- Nearly every car on the island flooded as did plenty of the village's restaurants, shops and hotels. Island-wide power outages lasted three days after the storm.
- Damage to Highway 12 in Hatteras Village halted the Hatteras-Ocracoke Ferry Terminal operations for the foreseeable future. Spending on Dorian preparation, recovery, and repairs to damaged ferry facilities has topped \$4 million
- Soon after the waters receded, disaster aid groups and hundreds of volunteers, both groups and individuals, descended like ministering angels onto Ocracoke.
- At least 15 businesses did not reopen after Dorian with about 9 of those permanently gone.
- 60 to 135 people are still displaced from their homes.

Name Dropping

Until the early 1950s, tropical storms and hurricanes were tracked by year and the order in which they occurred during that year. Over time, it was learned that the use of short, easily remembered names in written as well as spoken communications is quicker and reduces confusion when two or more tropical storms occur at the same time. In the past, confusion and false rumors resulted when storm advisories broadcast from radio stations were mistaken for warnings concerning an entirely different storm located hundreds of miles away.

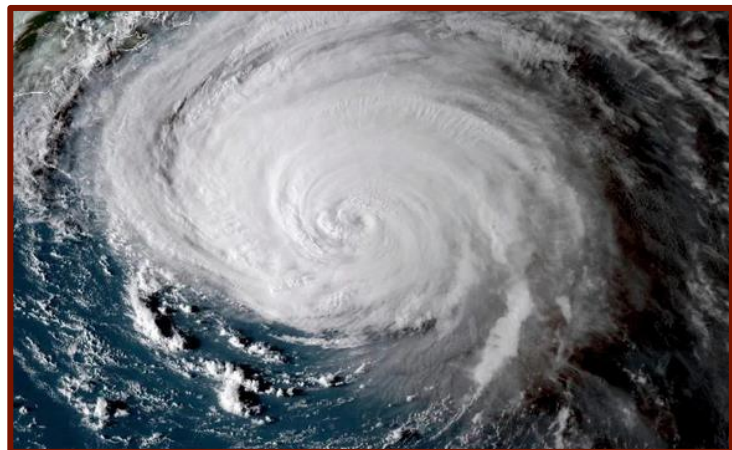
In 1953, the United States began using female names for storms and, by 1978, both male and female names were used to identify Northern Pacific storms. This was then adopted in 1979 for storms in the Atlantic basin.

NOAA's National Hurricane Center does not control the naming of tropical storms. Instead, there is a strict procedure established by the World Meteorological Organization. For Atlantic hurricanes, there is a list of male and female names which are used on a six-year rotation. Names rotate from male to female, which switches order every year.

The only time that there is a change is if a storm is so deadly or costly that the future use of its name on a different storm would be inappropriate. If more than twenty-one named tropical cyclones occur in a season, a supplemental list of names are used. 2005, 2020 and 2021 all exhausted the original Atlantic Tropical Cyclone list. Originally, the National Hurricane Center moved to the Greek alphabet. However, after confusion in the Greek names and retirement of storms worthy enough to do so, a list of supplemental names in English or Spanish is used.


ATLANTIC STORM NAMES 2022

- | | |
|----------|----------|
| Alex | Lisa |
| Bonnie | Martin |
| Colin | Nicole |
| Danielle | Owen |
| Earl | Paula |
| Fiona | Richard |
| Gaston | Shary |
| Hermine | Tobias |
| Ian | Virginie |
| Julia | Walter |
| Karl | |



COMMUNITY NIGHT
FLORENCE
Four Years Later
TUESDAY SEPTEMBER 13
Core Sound Waterfowl Museum & Heritage Center, Harkers Island
Supper (*donations welcome*) at 6pm : Program at 7pm

Bring your stories, photos, memories...



Please, join our conversation tomorrow evening at the Museum!