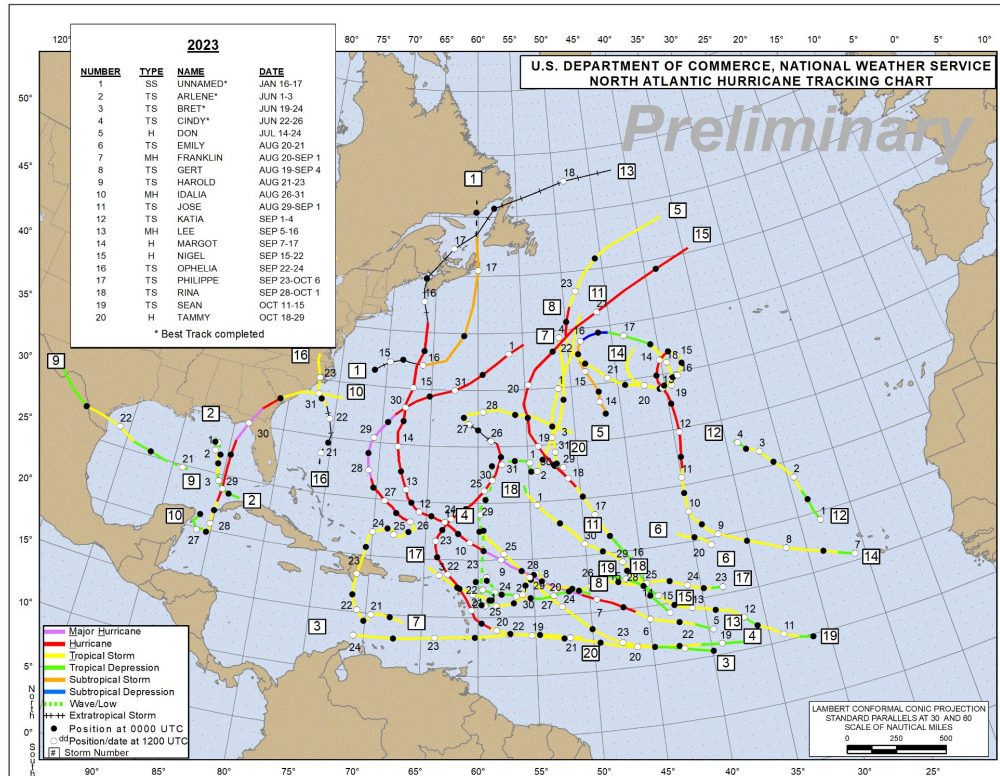


2024 Hurricane Season



Phil Grigsby
Meteorologist
National Weather Service
New Orleans/Baton Rouge

2023 Season in Review



4th Most

This is what
say that
NOT good
makers
the season
impact to



2024 Atlantic Tropical Cyclone Names

Alberto

Beryl

Chris

Debby

Ernesto

Francine

Gordon

Helene

Isaac

Joyce

Kirk

Leslie

Milton

Nadine

Oscar

Patty

Rafael

Sara

Tony

Valerie

William

NOAA Seasonal Hurricane Forecast

Average
is:

14

7

3



Forecast is a SEASONAL and BASIN wide forecast. The forecast is for this whole basin from June 1 to November 30!

La Nina Expected!

- 62% chance of transition to La Nina by June
- A reminder that 2023 was El Nino and 2022 was La Nina and we got nothing...proving that neither of these can tell us is LA/MS will get a hurricane!
- Sea Surface temperatures are still at record highs

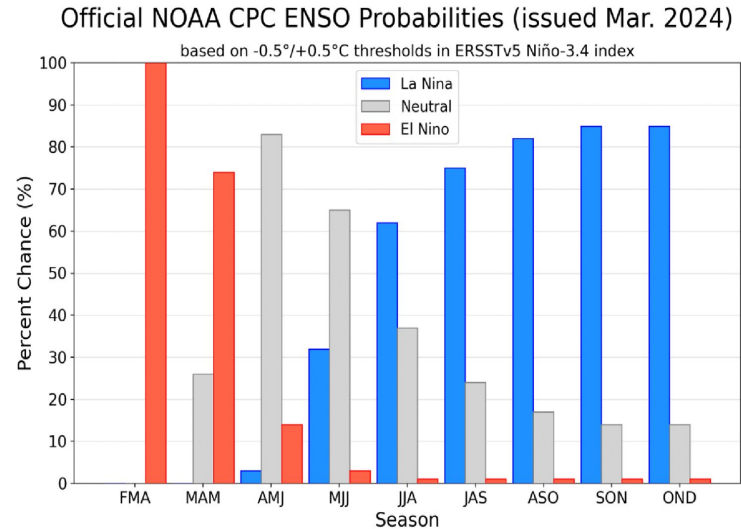


Figure 7. Official ENSO probabilities for the Niño 3.4 sea surface temperature index (5°N - 5°S , 120°W - 170°W). Figure updated 14 March 2024.

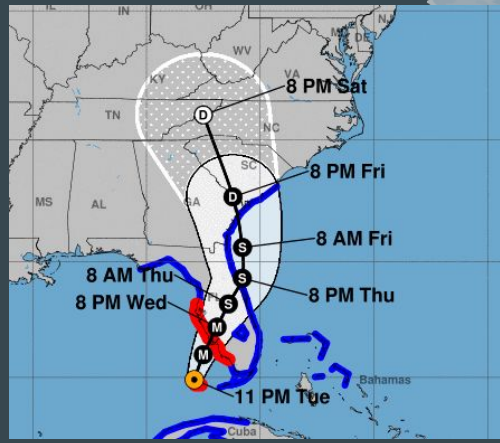
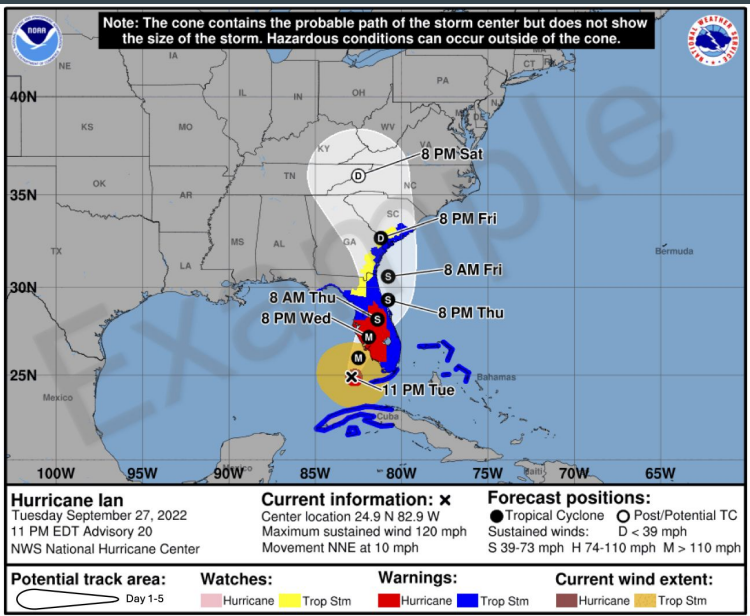
New Stuff!

...

Upgraded Cone Graphic! ~ August 15

New experimental cone graphic depicting inland U.S. tropical storm and hurricane watches and warnings will become available mid-season in 2024.

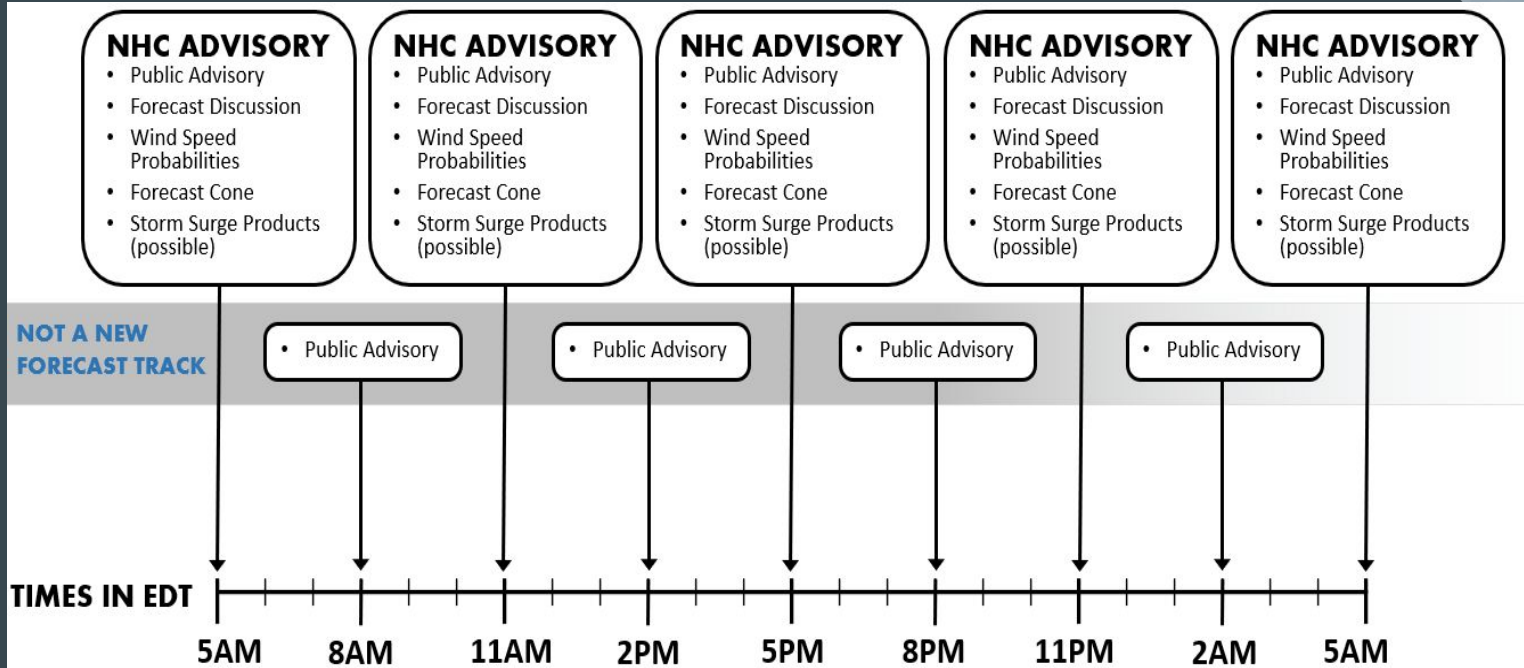
All 5 days will be solid white.
No more hatched.



Old graphic for reference

Intermediate Watches/Warnings

Can now update and/or change watches and warnings during these public advisory times.



Experimental Spanish Translated Products

For the Atlantic basin NHC will issue experimental Spanish translated products of:

- Tropical Cyclone Discussion (TCD)
- Key Messages
- Tropical Cyclone Update (TCU)

BOLETÍN
Restos De La Advertencia Máxima Número 10
Centro Nacional de Huracanes del SNM Miami FL EP162023
400 AM CDT martes 10 de octubre de 2023

...EL MÁXIMO SE DISIPA SOBRE MEXICO...
...ESTA ES LA ÚLTIMA ADVERTENCIA...

RESUMEN DE 400 AM CDT...0900 UTC...INFORMACIÓN

UBICACIÓN...19.5N 100.5W
ALREDEDOR DE 145 MI...230 KM NNE DE ZIHUATANEJO MÉXICO
VIENTOS MÁXIMOS SOSTENIDOS...25 MPH...40 KM/H
MOVIMIENTO ACTUAL...NNE O 25 GRADOS A 12 MPH...19 KM/H
PRESIÓN CENTRAL MÍNIMA...1005 MB...29.68 PULGADAS

VIGILANCIAS Y AVISOS

No hay vigilancias ni avisos costeros en efecto.

DISCUSIÓN Y PERSPECTIVAS

A las 400 AM CDT (0900 UTC), los restos de Max se localizaron cerca de la latitud 19.5 Norte, longitud 100.5 Oeste. Los restos se están moviendo hacia el norte-noreste cerca de 12 mph (19 km/h).

Los vientos máximos sostenidos están cerca de 25 mph (40 km/h) con ráfagas más fuertes.

La presión central mínima estimada es de 1005 mb (29.68 pulgadas).

PELIGROS AFECTANDO TIERRA

OLEAJE: Las marejadas generadas por Max afectarán la costa sur de México hoy. Estas marejadas probablemente causarán condiciones de oleaje y corrientes marinas que amenazan a la vida. Por favor, consulte los productos de su oficina meteorológica local.

New Post Storm Report

POST TROPICAL CYCLONE REPORT...HURRICANE IDA
NATIONAL SERVICE NEW ORLEANS LA
318 PM CDT WED SEP 1 2021

NOTE: THE DATA SHOWN HERE ARE PRELIMINARY...AND SUBJECT TO UPDATES
AND CORRECTIONS AS APPROPRIATE.

THIS REPORT INCLUDES EVENTS OCCURRING WHEN WATCHES AND/OR WARNINGS
WERE IN EFFECT...OR WHEN SIGNIFICANT FLOODING ASSOCIATED WITH ZETA
OR ITS REMNANTS WAS AFFECTING THE AREA.

LA PARISHES INCLUDED...ASCENSION...ASSUMPTION...EAST BATON ROUGE...
EAST FELICIANA...IBERVILLE...JEFFERSON...LAFOURCHE...LIVINGSTON...
ORLEANS...PLAQUEMINE...POINT COUPEE...ST. BERNARD...ST. CHARLES...
ST. JOHN THE BAPTIST...ST. TAMMANY...
...WASHINGTON...WEST BATON ROUGE...WEST

...WHITE...HANCOCK...HARRISON...JACKSON...PEARL
...REVEN...ST. LOUIS...MILKINSON...

9/1/2021 - INITIAL ISSUANCE INCLUDES WIND, PRESSURE, SURGE AND RIVER
CREST DATA FROM AUTOMATED STATIONS. THIS PRODUCT WILL LIKELY BE
UPDATED SEVERAL TIMES OVER THE NEXT TWO WEEKS WITH ADDITIONAL DATA
AS WE CONTINUE TO COLLECT, ANALYZE AND QUALITY-CONTROL OBSERVATIONS.

...SEA LEVEL PRESSURE/MAXIMUM SUSTAINED WINDS AND PEAK GUSTS

...AIR OBSERVATIONS...

...ANEMOMETER HEIGHT IS 10 METERS AND WIND AVERAGING IS 2 MINUTES

STATION ID	MIN DATE/	MAX DATE/	PEAK DATE/
LONG	PRES TIME	SUST TIME	GUST TIME
DEG DECIMAL	(MB)	(KT)	(KT)

KGAO-GALLIANO	29.44 -90.26	150/061	29/2035	100/085	29/1855
---------------	--------------	---------	---------	---------	---------

KNSY-NEW ORLEANS ARMSTRONG INTL AIRPORT	29.98 -90.25	977.3	29/2353	090/054	29/2240 I 150/078 30/0137 I
---	--------------	-------	---------	---------	-----------------------------

KNEW-NEW ORLEANS LAKEFRONT AIRPORT	30.04 -90.03	990.4	29/2253 I	100/057	29/2216 I 110/075 29/2148 I
------------------------------------	--------------	-------	-----------	---------	-----------------------------

KAPS-RESERVE	30.09 -90.58	210/051	30/0315	210/069	30/0315
--------------	--------------	---------	---------	---------	---------

KREG-GONZALES	30.17 -90.94	320/041	30/0035 I	310/065	30/0115 I
---------------	--------------	---------	-----------	---------	-----------

KGPT-GULFPORT AIRPORT	30.40 -89.07	1004.4	30/2207	130/041	29/2315 150/064 30/0729
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KASD-SLIDELL AIRPORT	30.35 -89.82	998.8	30/0048	140/038	30/0355 110/060 30/0119
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Old Text Product

Hard to parse,
not intuitively
readable

New Text Product to let
users know when new
data is available

ACUS74 KLIX 202040
PSHLIX

Post Tropical Cyclone Report...Hurricane Ida
National Weather Service New Orleans LA
1014 PM CDT Fri Sep 10 2021

A readable summary of observations and impacts within the V
Orleans County Warning Area for Hurricane Ida can be found here:
https://www.weather.gov/media/lix/TropicalEventSummary/2021_Ida.pdf

Comma-Separated Value (CSV) and additional Portable Document Format (PDF)
files that include more thorough listings of observations and
impact information can be found here:
<https://www.weather.gov/lix/TropicalEventSummary>

NOTE: The data provided are preliminary. They are subject to updates
and corrections as appropriate.

\$\$

Forecaster

Local Observations And Impacts From Past Tropical Cyclones

This page provides links to observational data from our local area for tropical cyclone events since 2021.

NOTE: Point-based observations are unlikely to sample the most extreme conditions.

2021

- Hurricane Ida
 - [Observational data summary](#)
 - [Impacts report](#)
 - Downloadable observational data (CSV format)
 - [Wind and Pressure](#)
 - [Rainfall](#)
 - [Water Levels](#)
 - [Tornadoes](#)

Simple Website housing
readable PDF summaries
and downloadable CSV data

Readable
summaries AND
parsable data

Addition of Wave Detail in Coastal Waters Forecast

The purpose of providing greater wave detail in the CWF in a more consistent format will allow for more clarity for mariners and partners to support improved decision-making.

Multiple coexisting wave systems are common throughout the oceans, each with their own unique height, period, and direction.

Adding details on each of these wave systems into the CWF will provide valuable, life-saving information for marine users.

It is planned starting in May 2024 that the terms “Wind Wave” and “Swell” will no longer be used within the CWF.

Instead, height, direction, and period will be provided for all expected wave groups within the forecast period.



Addition of Wave Detail in Coastal Waters Forecast

- Wave direction and period always included
- Total seas/Significant wave (Hs) always included
- Individual wave groups will be sorted by height
- Insignificant wave groups will be ignored
- Point forecast page changes to come later

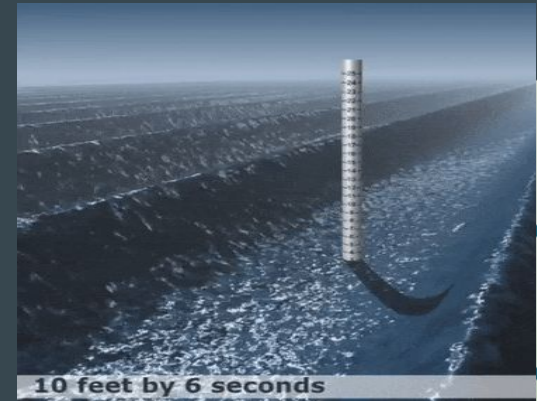
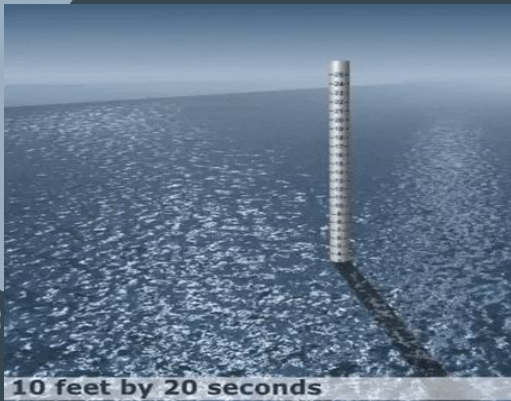
ANZ251-120400-

Massachusetts Bay and Ipswich Bay-
1013 AM EST Thu Jan 11 2024

.TODAY...W winds 10 to 15 kt with gusts up to 25 kt. **Seas 3 to 5 ft. Wave Detail: East 3 ft at 11 seconds and West 2 ft at 5 seconds.**

.TONIGHT...W winds 10 to 15 kt with gusts up to 20 kt. **Seas 2 to 4 ft. Wave Detail: East 3 ft at 10 seconds and West 2 ft at 5 seconds.**

.FRI...W winds 10 to 15 kt, becoming SW 5 to 10 kt in the afternoon. **Seas 2 to 3 ft. Wave Detail: East 2 ft at 10 seconds and West 2 ft at 3 seconds.**



NWPS

New Cold Products- Winter 2024

Freeze Warning -

First two instances of 32°F
Every instance of 32°F on Southshore OR
after prolonged warm period

Hard Freeze Warning -

25°F or less Air Temperature Anywhere

Wind Chill Advisory -

Wind chills are expected to drop to -5F or
less, with winds around 10 mph or more.

Wind Chill Warning -

Wind chills are expected to drop to -20F or
less, with wind speeds around 10 mph or
more.

Freeze Warning - (Change??)

First two instances of 32°F
Every instance of 32°F on Southshore OR after
prolonged warm period

Cold Advisory -

25°F South CWA/20°F North CWA) or less Air
Temperature OR or less Wind Chill

Extreme Cold Warning -

15°F South CWA/10°F North CWA) or less Air
Temperature OR or less Wind Chill

Let's talk about social media..

...

Click Bait will always win



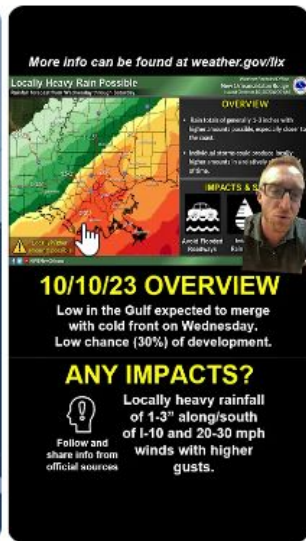
Lifting the radome onto the relocated KHDC radar...

639 views



Our 2023 #Weather Wrapped #shorts

270 views



October 10, 2023 Heavy Rain Update #shorts #youtube...

160 views



2023-24 #Winter Outlook #shorts #ytshorts #weather

2K views



#WeatherUpdate for 10/1/23 #shorts #louisiana...

68 views



TOP 5: Strongest Hurricanes to Impact Our Area #shorts...

415 views

The most views of our shorts list is the one we made "look" like Click Bait.

How to know the page is not reputable....

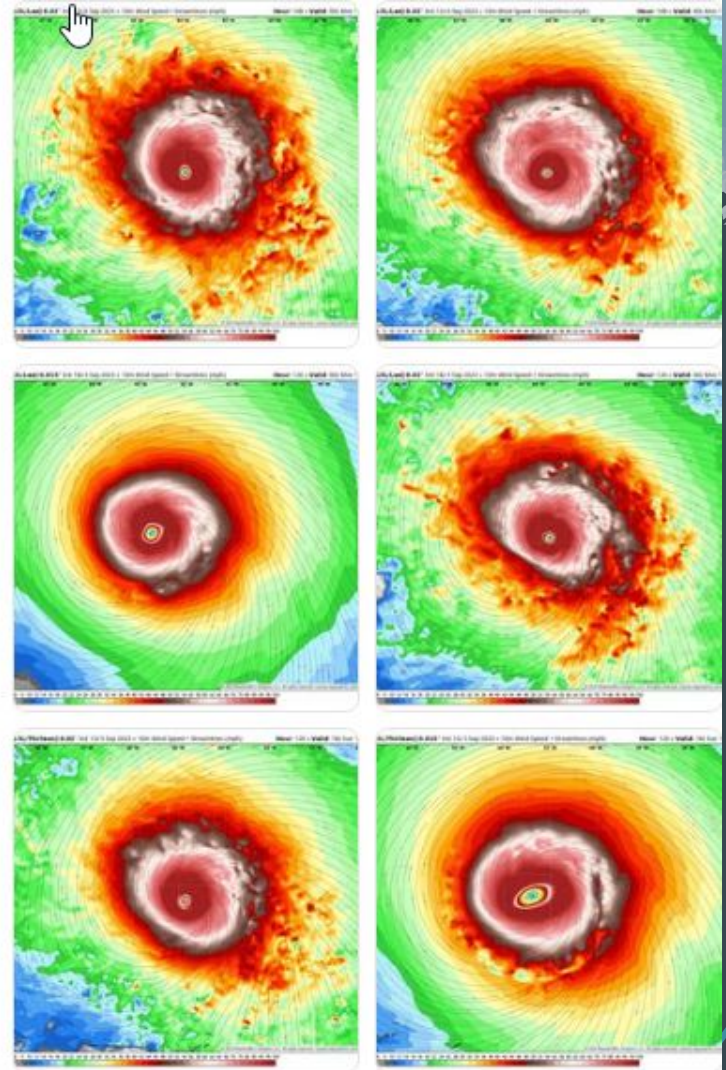
- If they ask you to pay money or subscribe
 - If they use caps for almost every post
- If they frequently post weather models and say this is going to happen
 - If they often post things that aren't weather related

What to do if you or a family Did you fall victim to click bait?

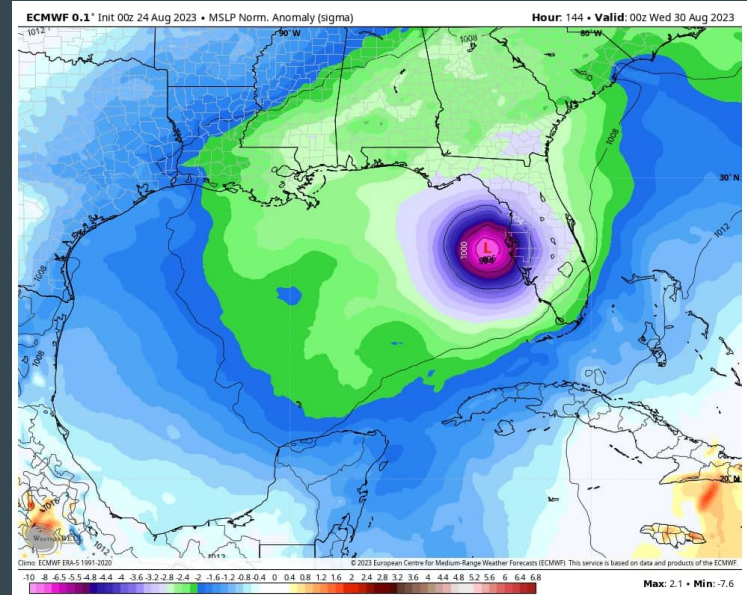
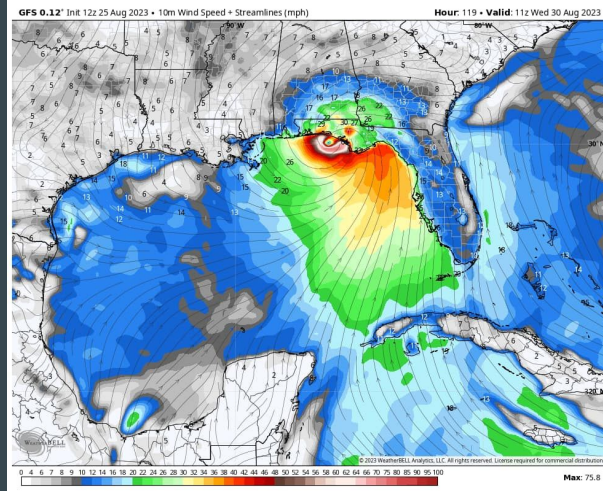
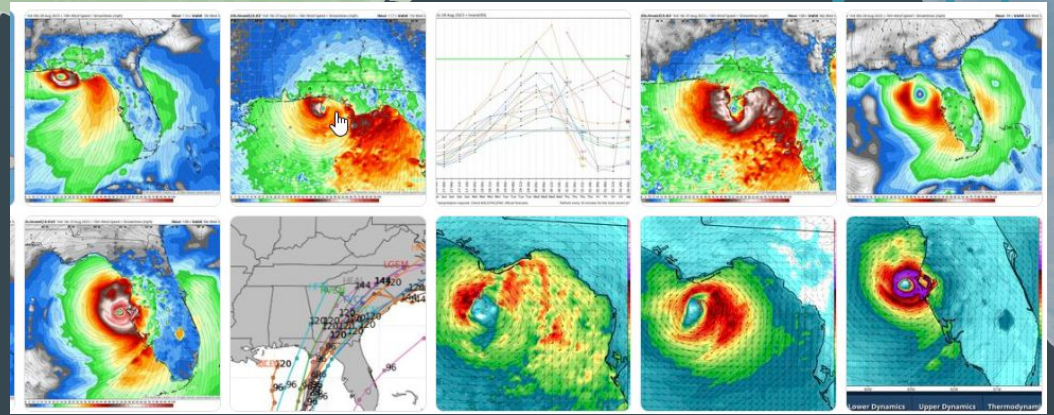
- Don't reshare the information!
- If on Social Media, type "National Weather Service New Orleans" or "National Hurricane Center"
- If online, go to "Weather.Gov"



Does seeing this
image help you make
a decision?



Imagine you're trying to make decisions and you see all of these "models" with a NHC cone...you could very quickly make the wrong decision or a poor decision.



Key Takeaways

- Just because a model image goes viral doesn't mean it's likely to happen.
- Individual models constantly create tropical systems. 99% of them don't actually happen.
 - A picture of a potential hurricane on a map tells you nothing about uncertainty or impacts
- There is a 175 mile track error out 5 days. Imagine what that is at 10 days?!
- **We will NEVER hide a hurricane from you!**

A little on rapid intensification...

Hurricane Otis

First Advisory was Sunday 10AM
October 22nd

Cone extended to Thursday with the
max wind of 45 mph

Became a Cat 5 by Tuesday at 10PM

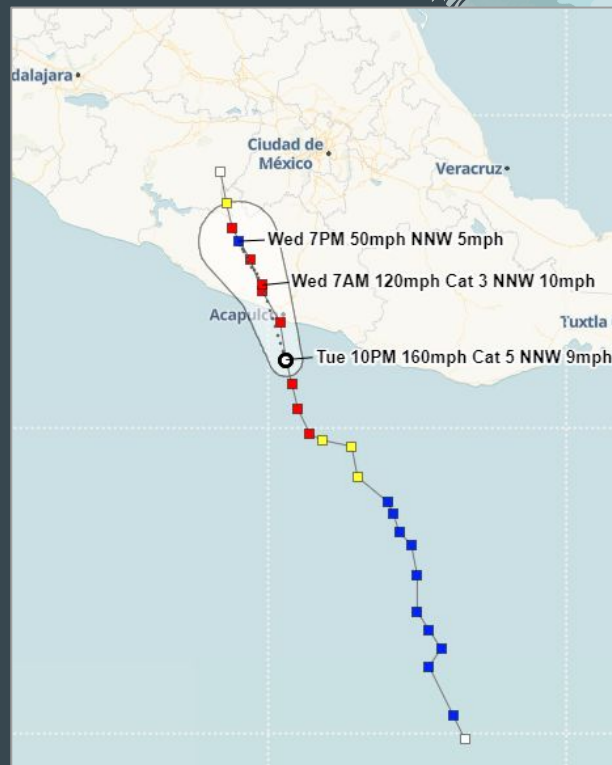
Made landfall around 1 AM
Wednesday as a 165 MPH Cat 5 10/25

The 12 hours before landfall, it went
from Cat 1 to a 5, 70 MPH to 160
MPH.

Weather models had it as a tropical
storm at the 160 mark



First Cone



Close to the last cone

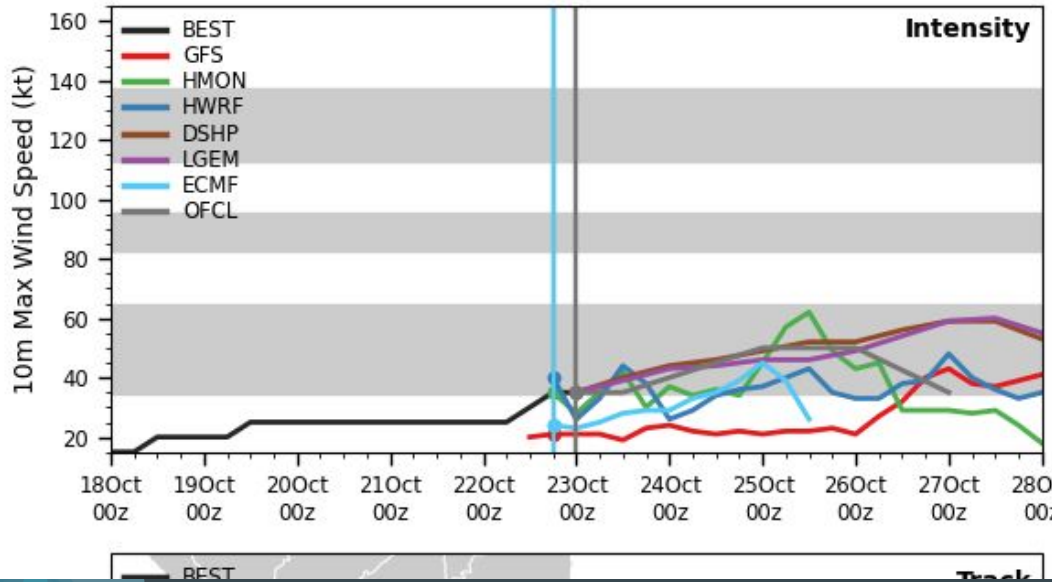
Hurricane Otis

Sometimes the weather models are too low and miss it.

We tend to watch for the ones the models “spin up” and panic. But what about the ones we don’t see coming?

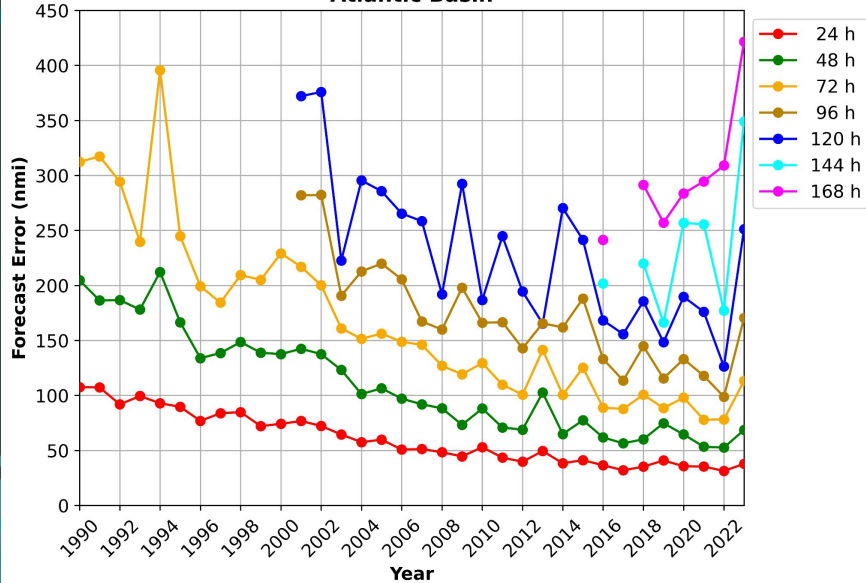
Weather models had it as a tropical storm at the 160 mark

Multi-Model Diagnostic Comparison

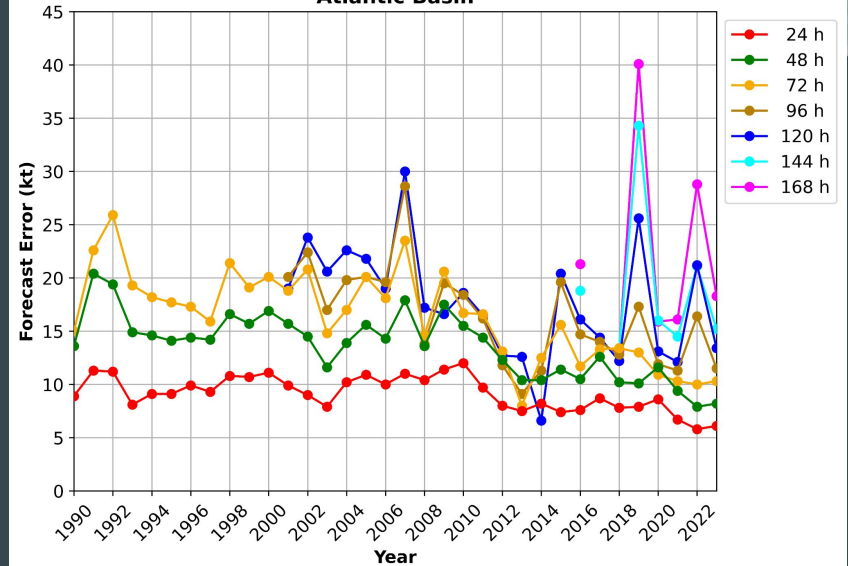


NHC Track and Intensity Errors

**NHC Official Track Forecast Error Trend
Atlantic Basin**



**NHC Official Intensity Forecast Error Trend
Atlantic Basin**

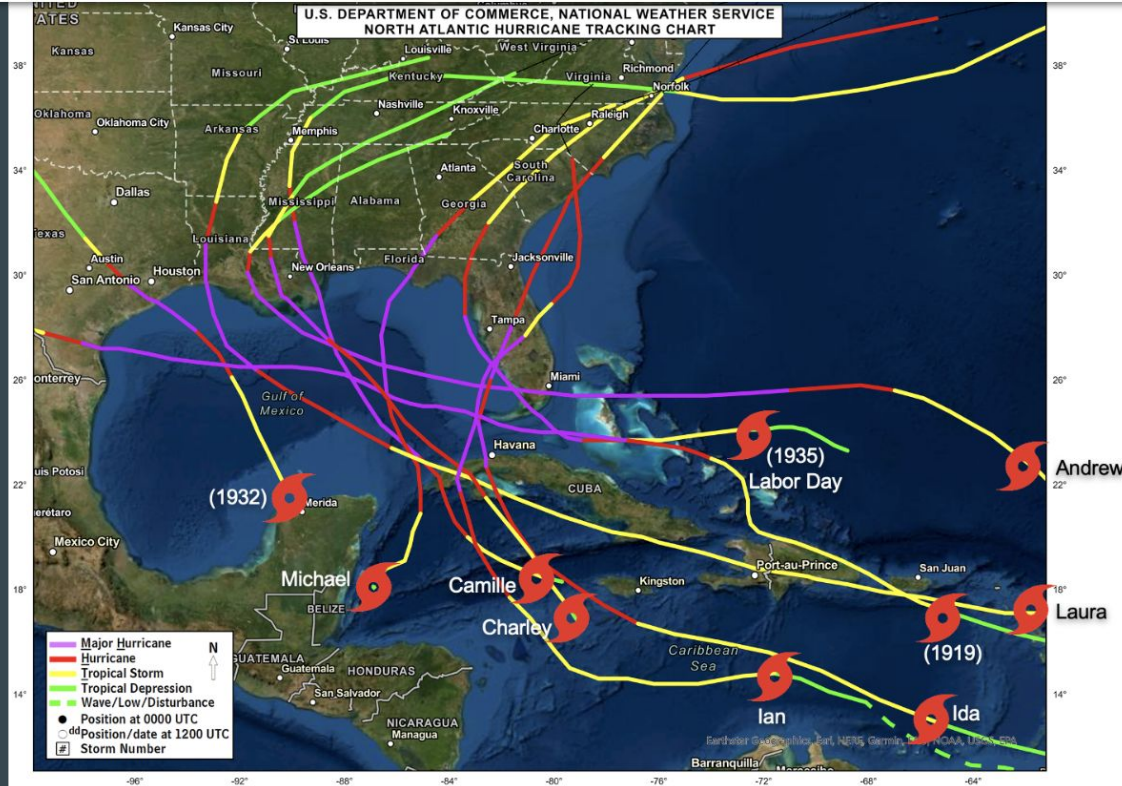


Challenge: Short Lead Times

The Nation's Strongest – 150 MPH or Greater
All But 1 Were Tropical Storms 3 Days Before Landfall

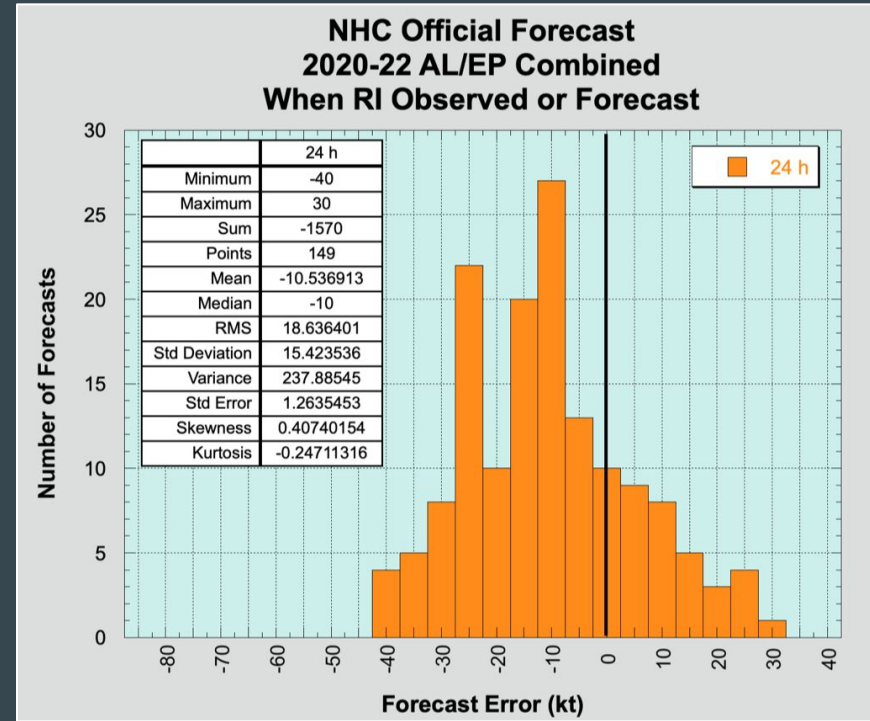
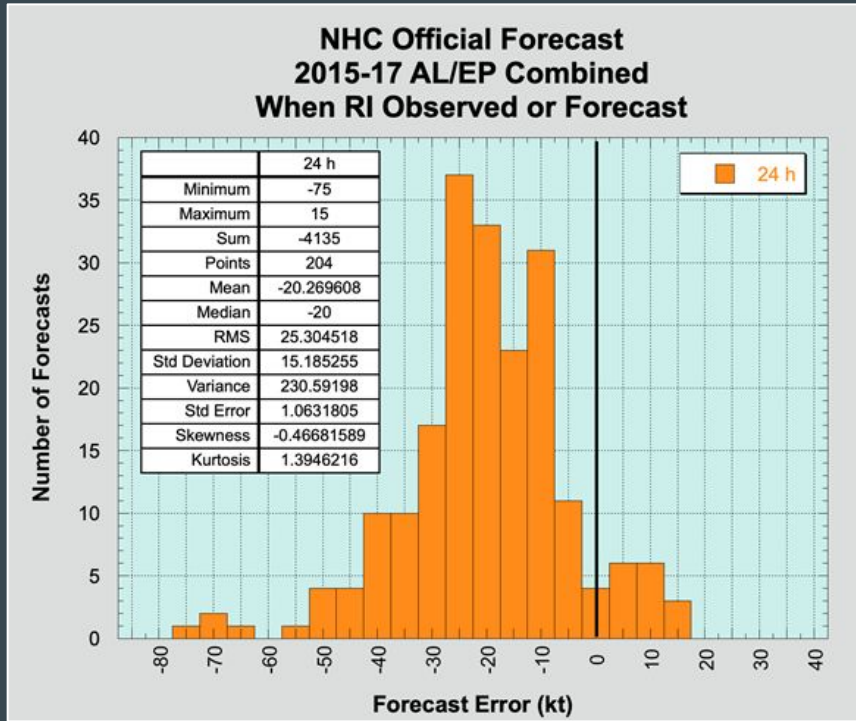
U.S. 150 mph+

- 1919 – Storm 2
- 1932 – Storm 2
- 1935 – Labor Day
- 1969 – Camille
- 1992 – Andrew
- 2004 – Charley
- 2018 – Michael
- 2020 – Laura
- 2021 – Ida
- 2022 – Ian



Average time to become a hurricane is 50 h before landfall

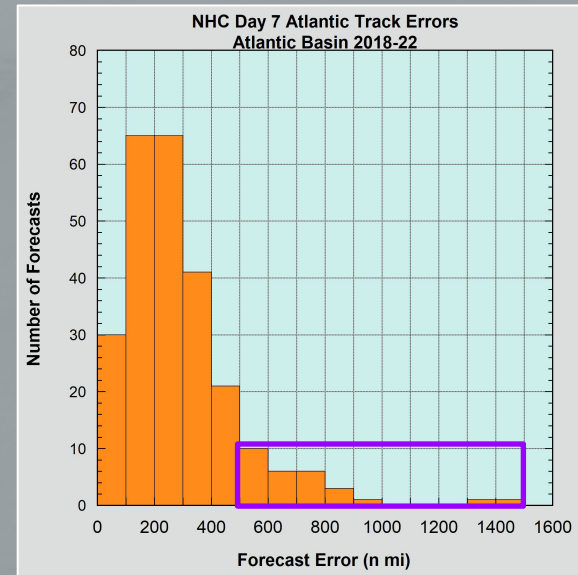
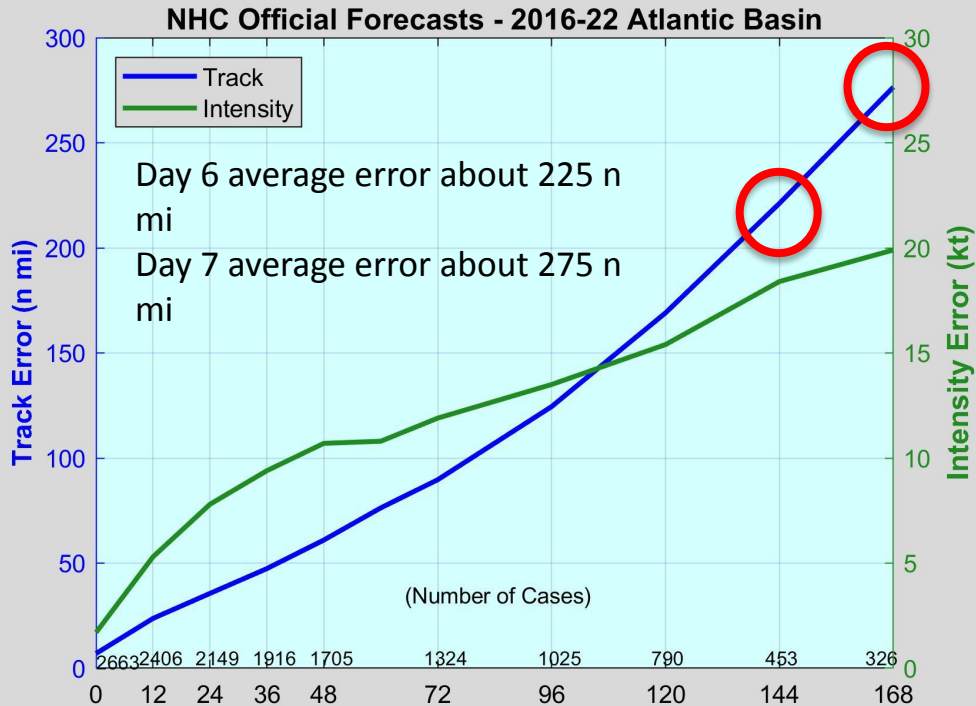
Progress in Forecasting Rapid Intensification



- NHC's 24-h intensity error during rapid intensification events has been cut in half since 2017 – 10 kt compared to 20 kt
- Largest under-forecast error reduced by 46% (40 kt compared to 75 kt)

Possible Future Enhancements

6 & 7 day Track and Intensity Forecasts



Average track error at day 7 is about 275 n mi, however ~10% of forecasts have errors ≥ 500 n mi (about the distance from Miami to Myrtle Beach!)

Reminders!

...

7 Days Out

- Tropical Weather Outlook



60 Hours Out

- PSurge (for select, well-behaved storms)

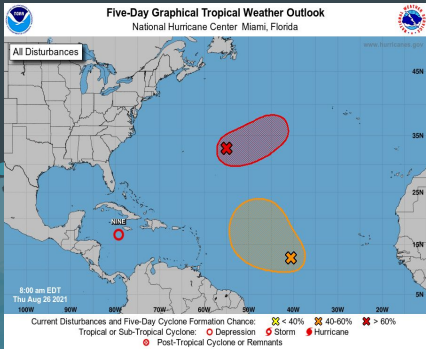


5 Days Out

- NHC Advisory Packages (cone, wind speed probabilities, TOA)
- SLOSH MOMs and MEOWs*

48 Hours Out

- Watch/Warning Products
- Hurricane Threats and Impacts Graphics
- PSurge/Inundation Forecasts



The NHC Advisory Cycle

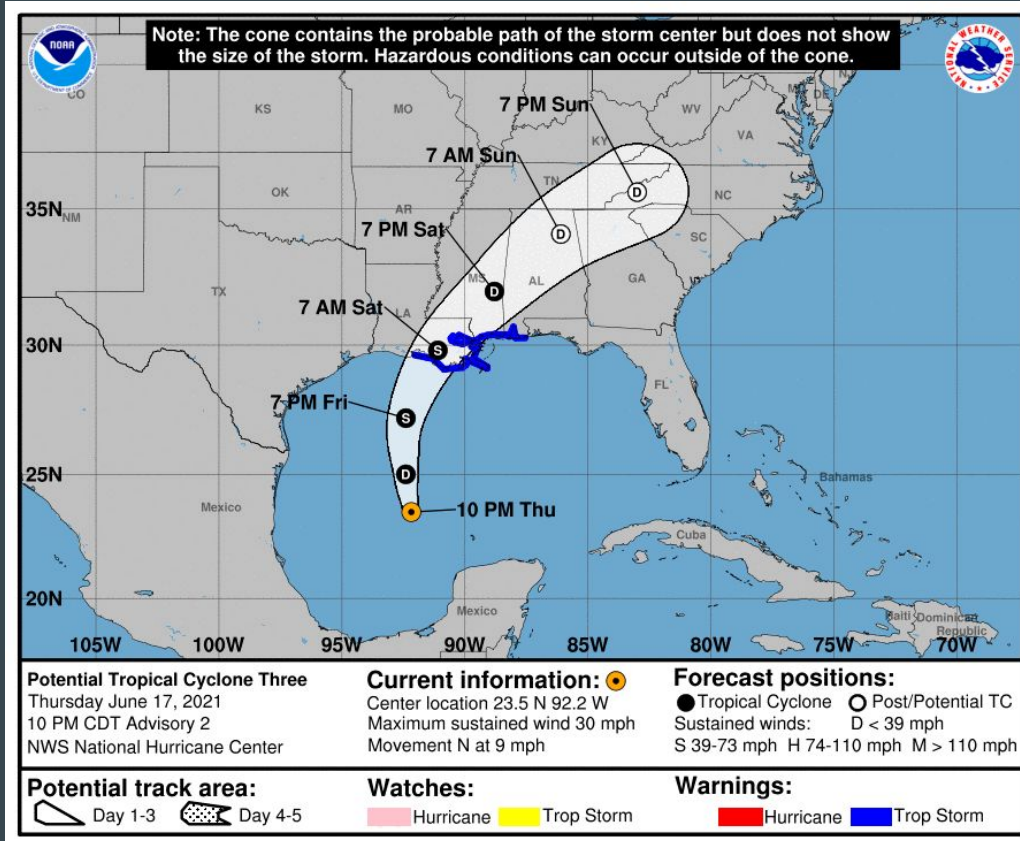
- **When no watches/warnings in effect anywhere:**
 - Full advisory packages issued at 4a, 10a, 4p, 10p CDT

- **When watches/warnings are in effect somewhere:**
 - Full advisory packages issued at 4a, 10a, 4p, 10p CDT
 - Intermediate advisories issued at 1a, 7a, 1p, 7p CDT

- **When a storm with a well defined eye is within radar range:**
 - Full advisory packages issued at 4a, 10a, 4p, 10p CDT
 - Intermediate advisories issued at 1a, 7a, 1p, 7p CDT
 - Position updates issued every hour

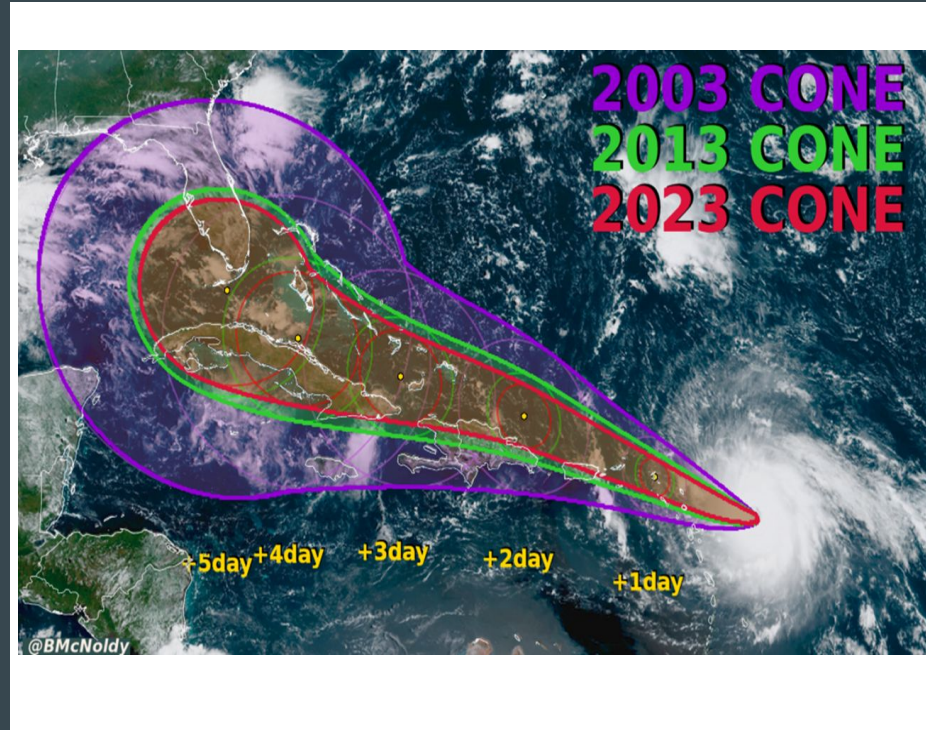
Note: local products typically issued 5-15 minutes after the NHC advisory package and out **briefing slides will be out within an hour.**

What area will have the highest impact?

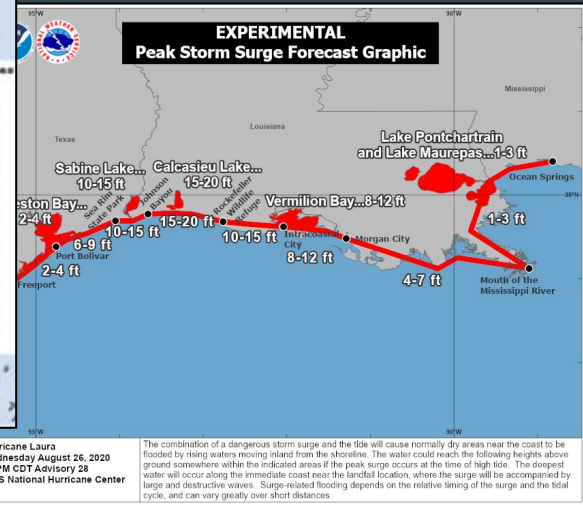
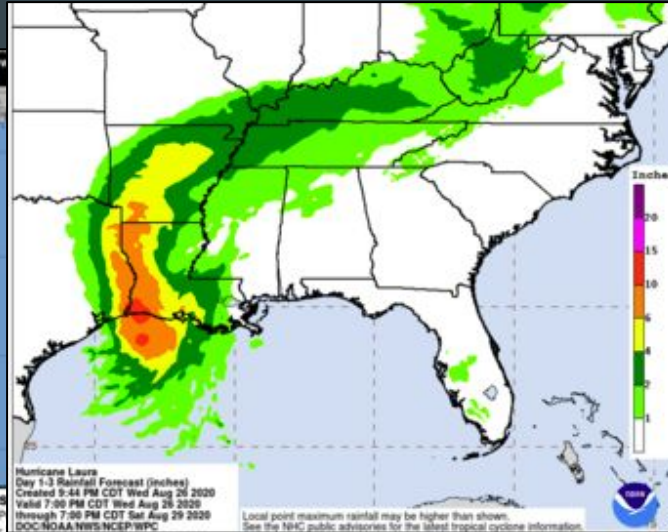


What the cone actually is

- Represents the most likely path of the CENTER of the storm- NO forecast of impacts.
- Created by connecting imaginary circles that represent 2/3 the average track error over the past 5 years.
- Small changes in size every year
- **Does NOT change for every storm.**



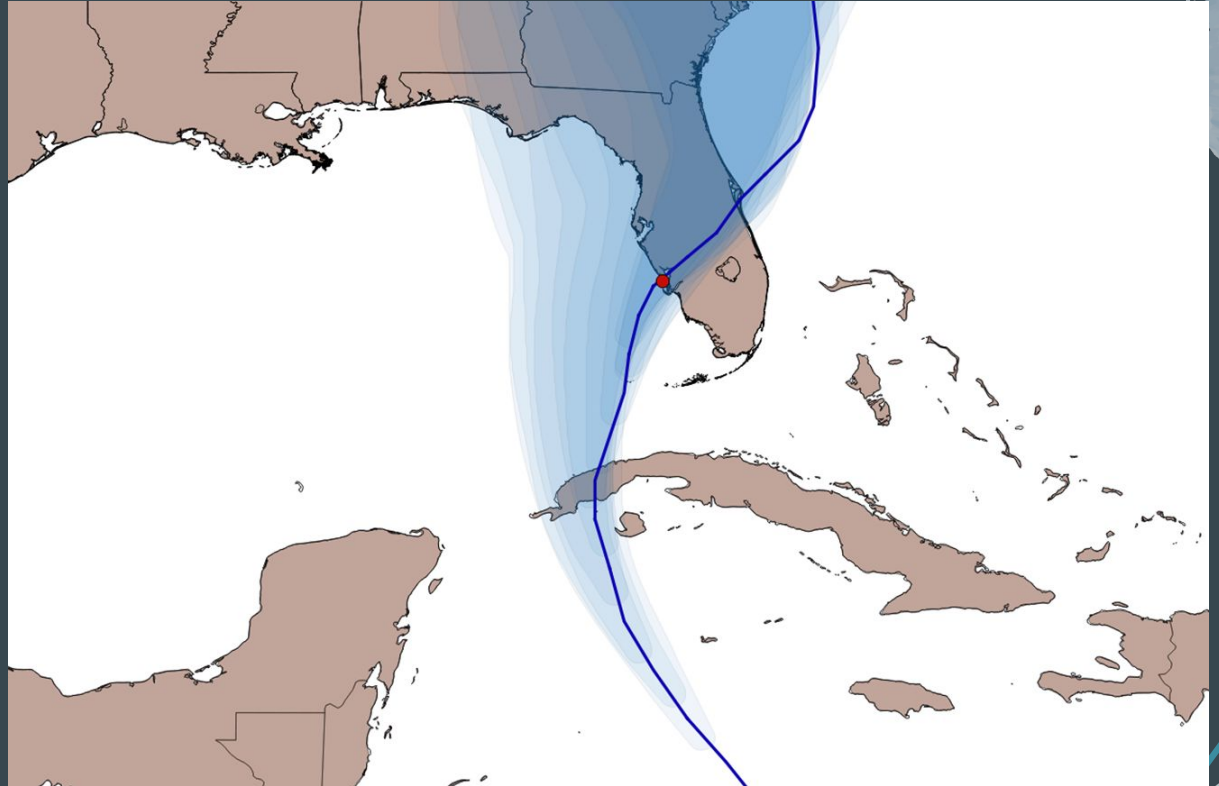
Reminder: The Cone Doesn't Tell You About Impacts!



Ian: Cone of Uncertainty

Location of Ian's Florida landfall was within the forecast cone of uncertainty.

Cone only says that the center will stay in it 66% of the time.



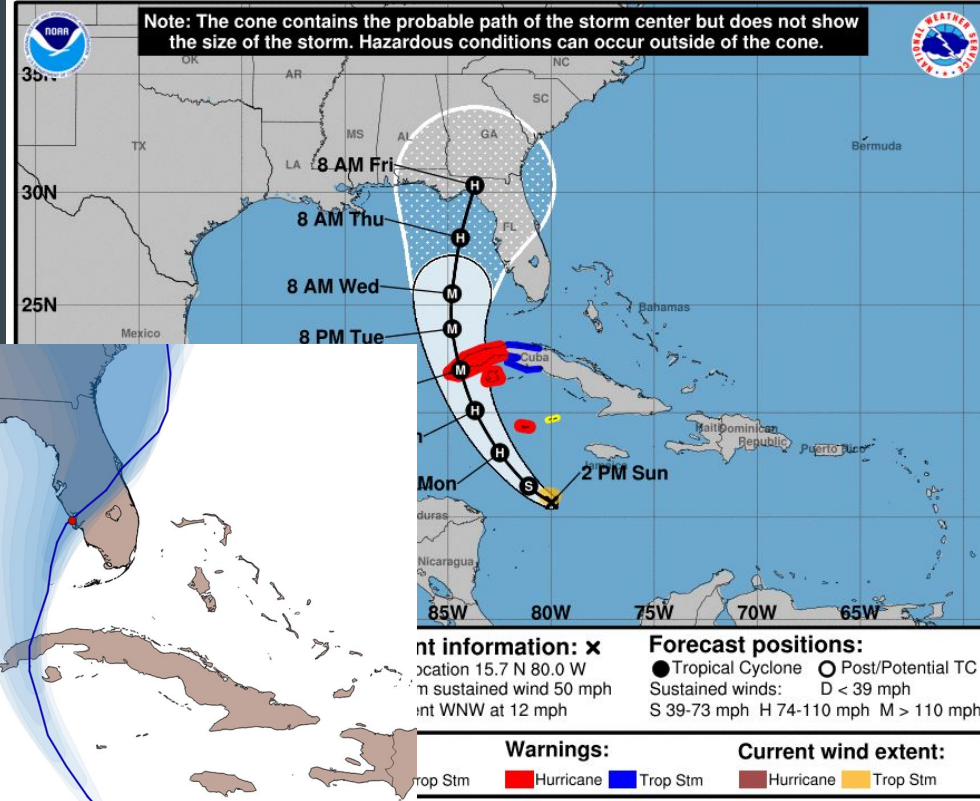
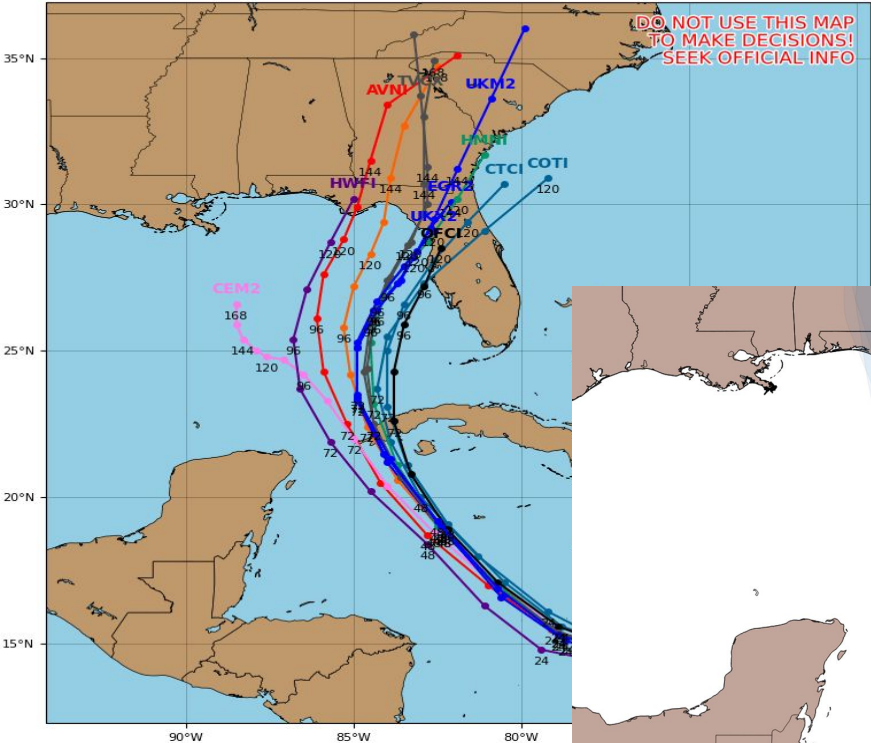
Ian Example

Tropical Storm IAN Model Track Guidance

Initialized at 12z Sep 24 2022

Levi Cowan - tropicaltidbits.com

DO NOT USE THIS MAP TO MAKE DECISIONS! SEEK OFFICIAL INFO

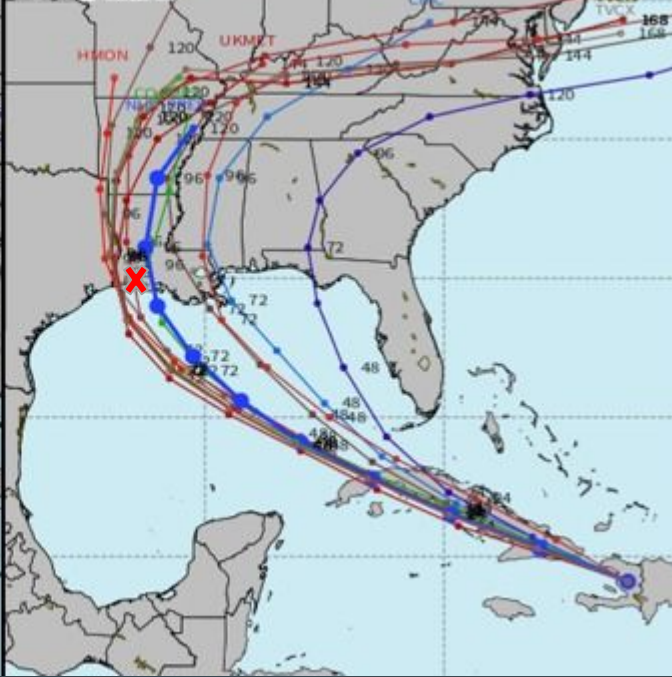


Spaghetti Models- pick your favorite line

MARCO



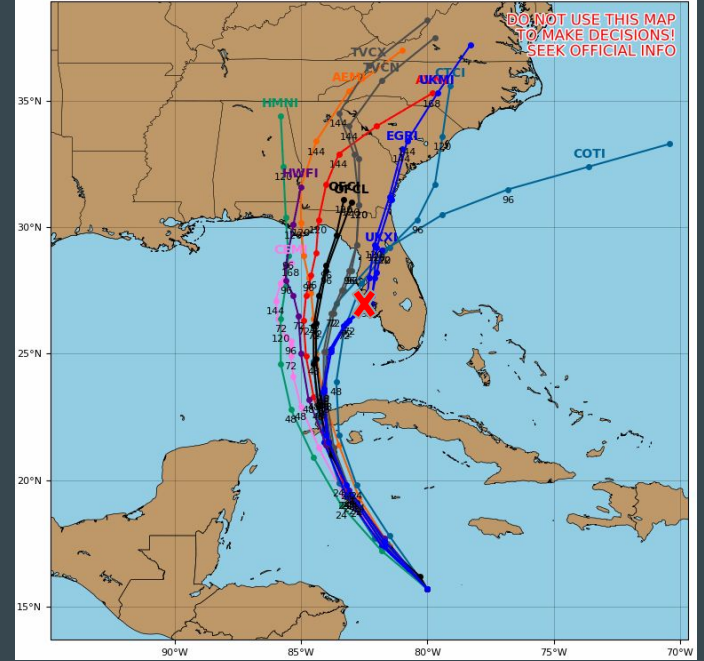
LAURA



Tropical Storm IAN Model Track Guidance

Initialized at 18z Sep 25 2022

Levi Cowan - tropicaltidbits.com





Wind hazards and communication

When would you leave?

- 1- Would you evacuate if a hurricane was going to make landfall with a maximum wind speed of 105 MPH?
- 2- What about 18 feet of storm surge with 75 mph winds?
- 3- What about 75 mph winds and 30-40 inches of rain?
- 4- How about maximum wind speeds of 115 MPH? What about 130?
- 5- What Category of Hurricane would you leave for?

THINK about the threats, not the category!

Saffir-Simpson Hurricane Wind Scale



WIND: 74-95 mph

DAMAGE: Very dangerous winds will produce some damage



WIND: 96-110 mph

DAMAGE: Extremely dangerous winds will cause extensive damage



WIND: 111-129 mph

DAMAGE: Devastating damage will occur



WIND: 130-156 mph

DAMAGE: Catastrophic damage will occur

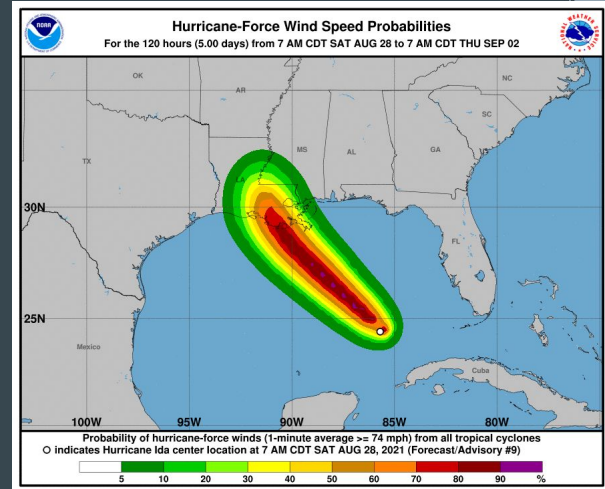
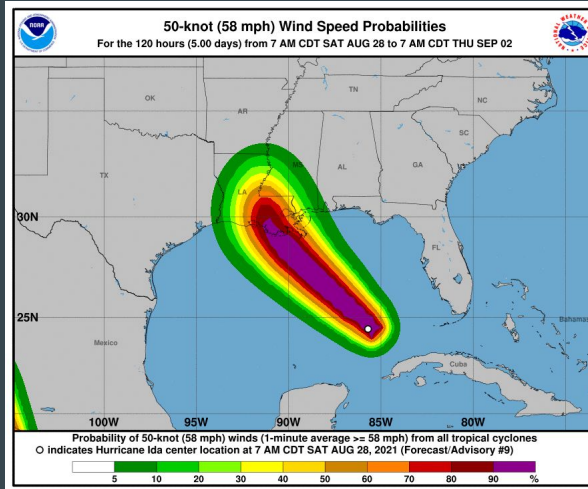
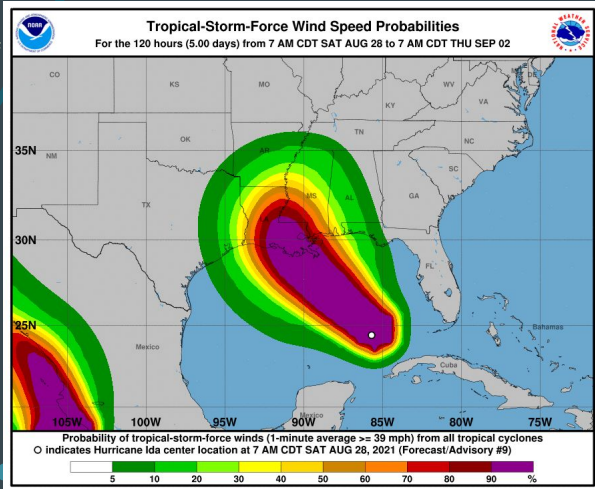


WIND: 157 mph or higher

DAMAGE: Catastrophic damage will occur



Wind Speed Probabilities



- Available for 39MPH, 58MPH, 74MPH wind speeds out 5 days
- Remember, low probabilities can be significant!

How are they made?

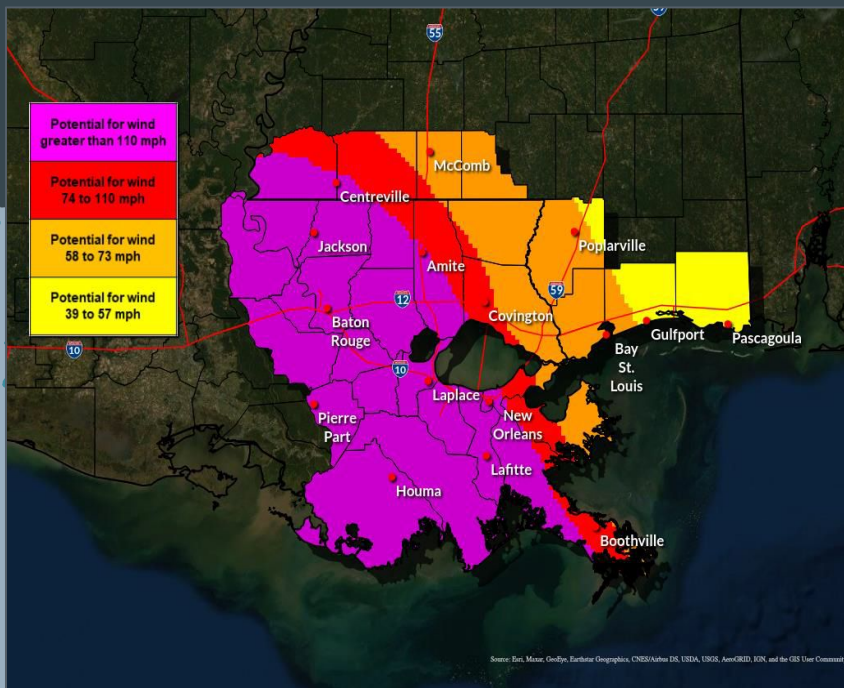
Based on 1,000 realistic alternative scenarios created using:

- Official NHC track and intensity forecast
- Historical NHC track and intensity forecast errors
- Climatology and persistence wind radii model

Uses model spread to account for track uncertainty.

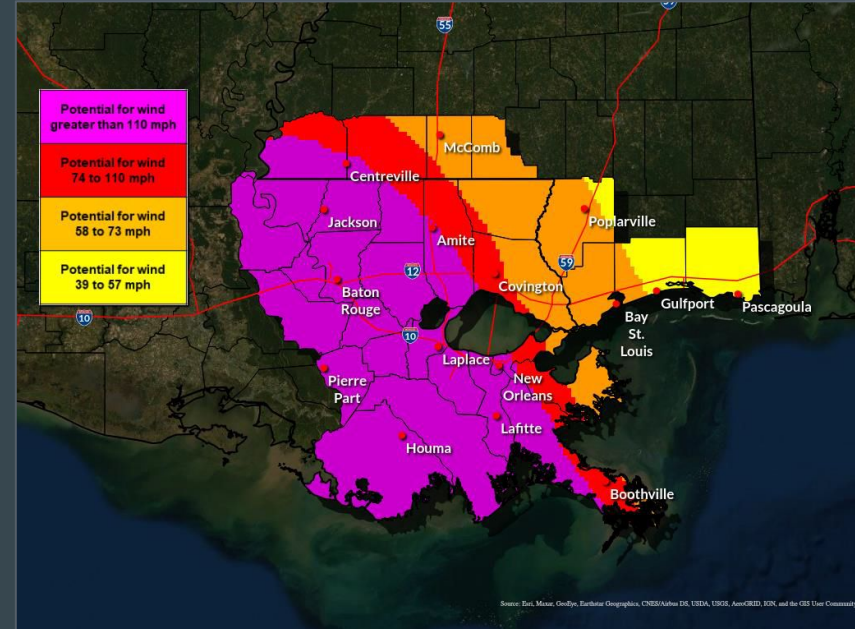
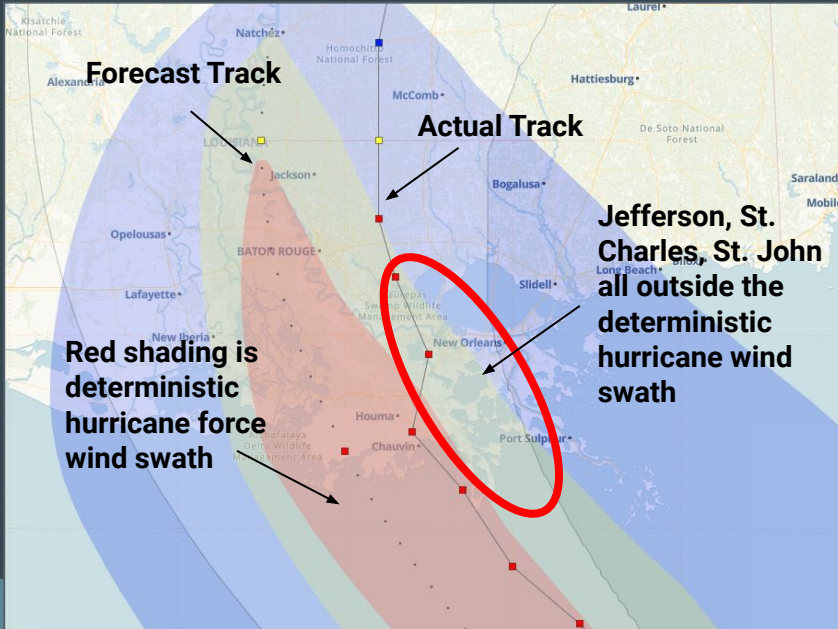


Hurricane Threats and Impacts Graphics (HTI)



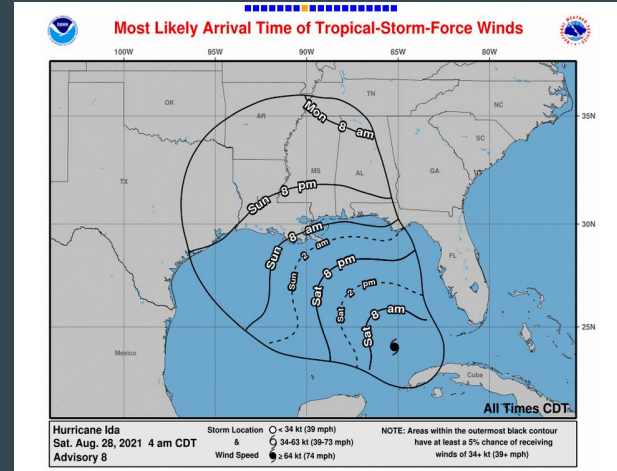
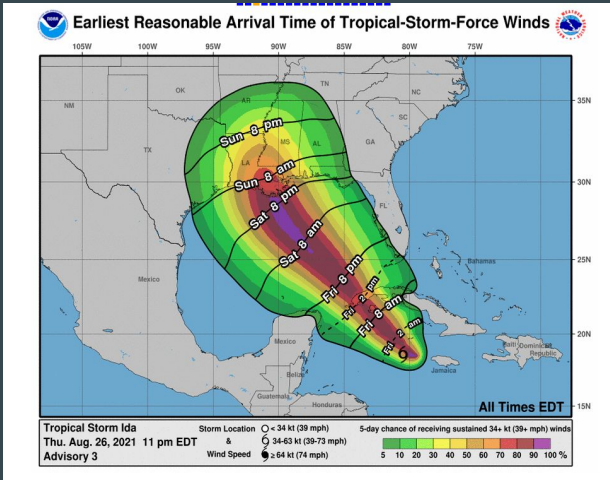
- Probabilistic forecast based on the current NHC advisory and accounting for reasonable forecast errors
- Wind, Tornado, Surge, Flooding
- Provides the POTENTIAL of what you should prepare for- likely will be **higher** than what is in the forecast
- Example from Hurricane Ida 10am 8/28.

Why use HTI's?



All graphics associated with the 10am CDT forecast 8/28 for Hurricane Ida

Time of Arrival Graphics



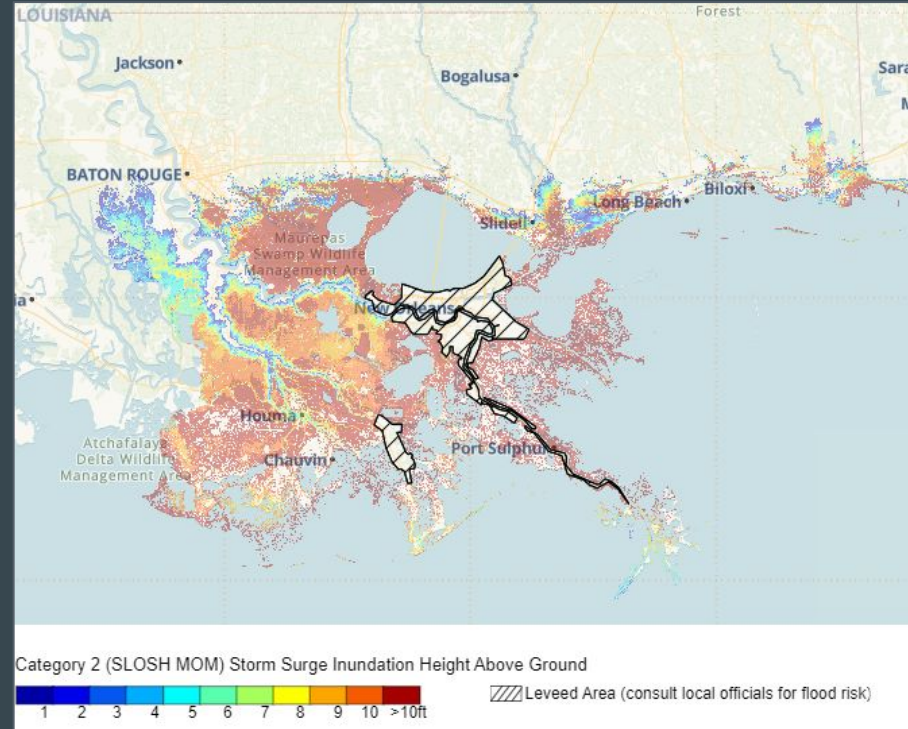
- Provides probabilistic time of arrival of 34 KT/39 MPH winds
- Earliest reasonable is based on 10% threshold- 90% chance that the storm will arrive AFTER the time on the graphic.
- Most likely is based on 50% threshold.



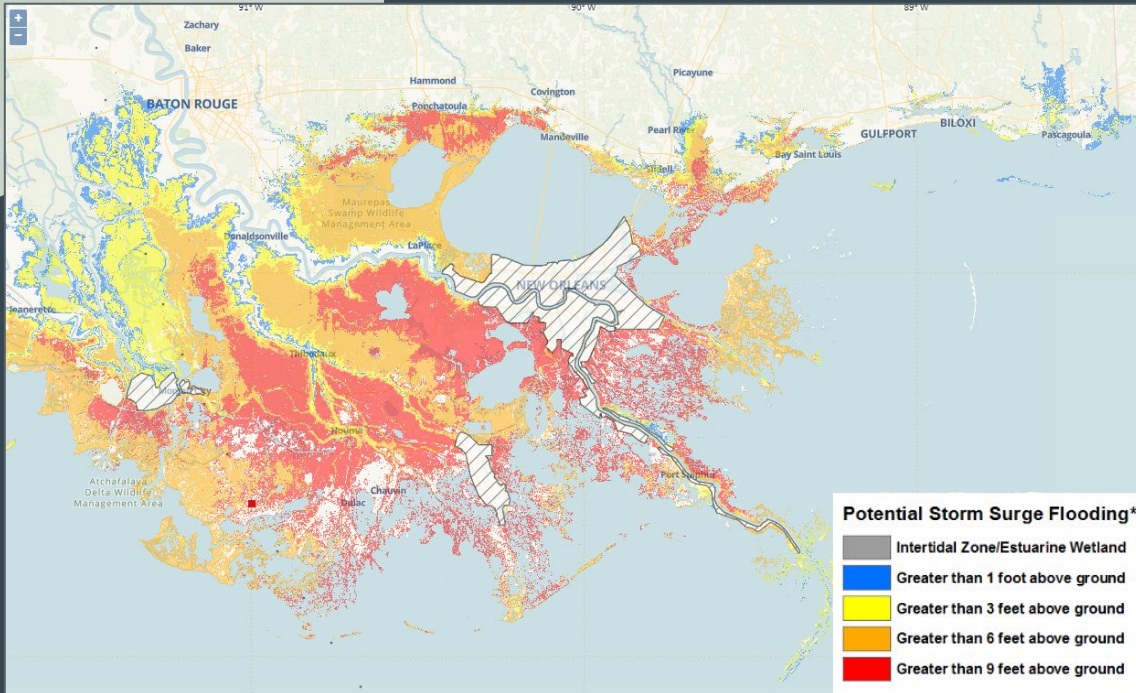
Storm Surge

SLOSH MOMs and MEOWs

- MOMs (maximum of maximums) vary category only and are primarily used during the off season for planning purposes
- MEOWs (maximum envelope of water) vary direction, forward speed, and category and can be used in the 3-5 day time frame when there is still significant uncertainty about the exact track/intensity of a storm
- Available through HVX using the storm surge explorer



Storm Surge Flooding Map



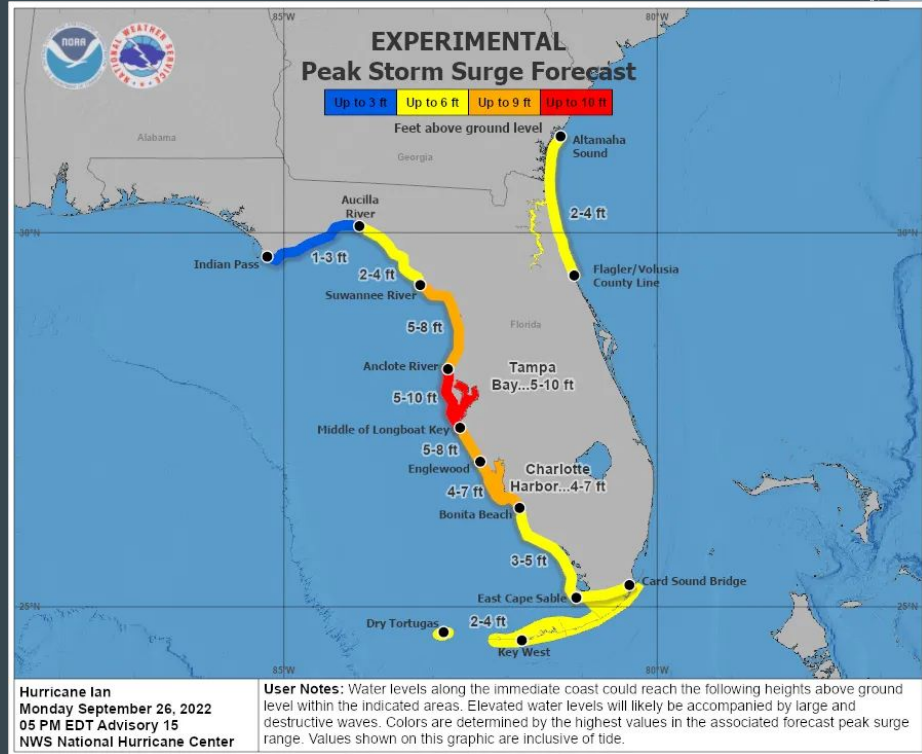
Based on probabilistic surge forecasts

Provides a reasonable worst case inundation at each location based on the current NHC forecast track and intensity.

Shows how high above ground the water is forecast to go, in 3 feet intervals.

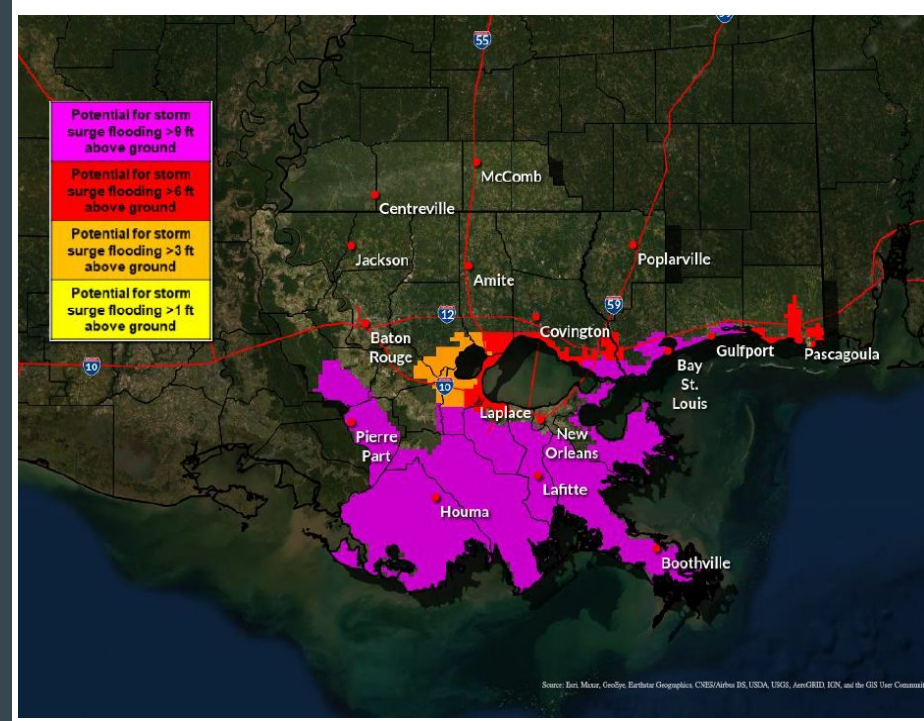
Peak Storm Surge Forecast Graphic

- Provides potential peak inundation values along the open coast
- Not everywhere will see these values
- Does NOT indicate potential depths away from the open coast
- Available around advisory time when watches/warnings are in effect.



Storm Surge HTI

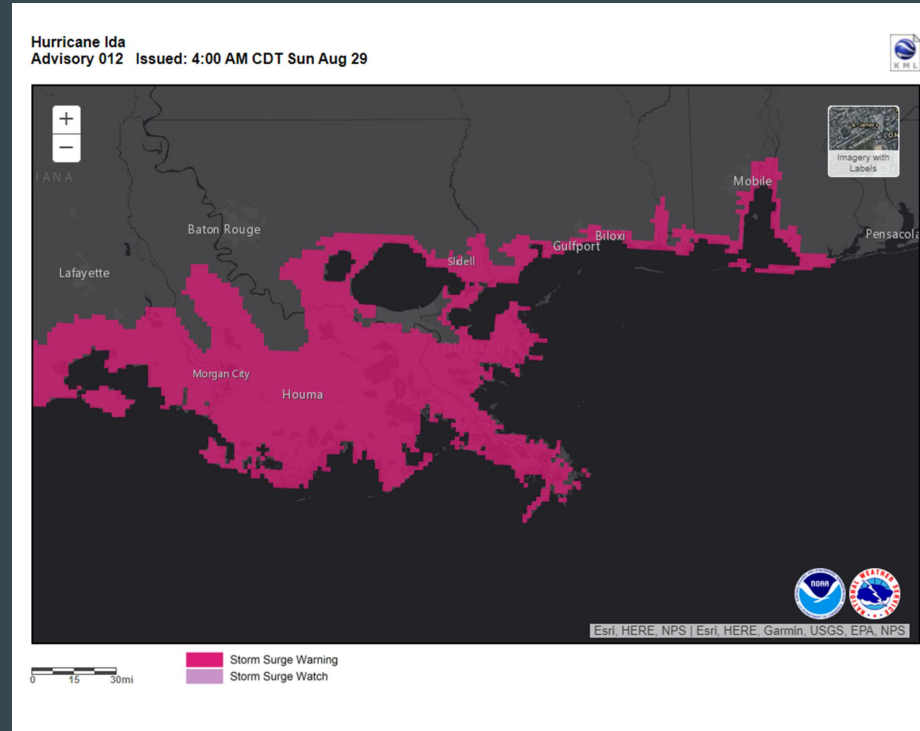
- HTI graphics are also created for the storm surge threat
- Because of how they are created, they do not show varying depths away from the coast effectively
- Mostly representative of possible peak values along the open coast



All graphics associated with the 10am CDT forecast 8/28
for Hurricane Ida

Storm Surge Watch/Warning

- Storm surge watch issued up to 48 hours in advance.
- Storm surge warning issued up to 36 hour in advance.
- Issued for areas expected to 3 feet or more of storm surge flooding above ground level.
- Probabilistic product accounting for uncertainties in the track, landfall location, intensity, forward speed, and size of the tropical system.
- Can account for flooding inside levees, overtopping of levees, or flooding resulting from levee failures.





NOFD

Flooding Rain

Don't forget about flooding!

- Still the most deadly hurricane hazard.
- Most people are worried about the wind and don't think about flood waters.

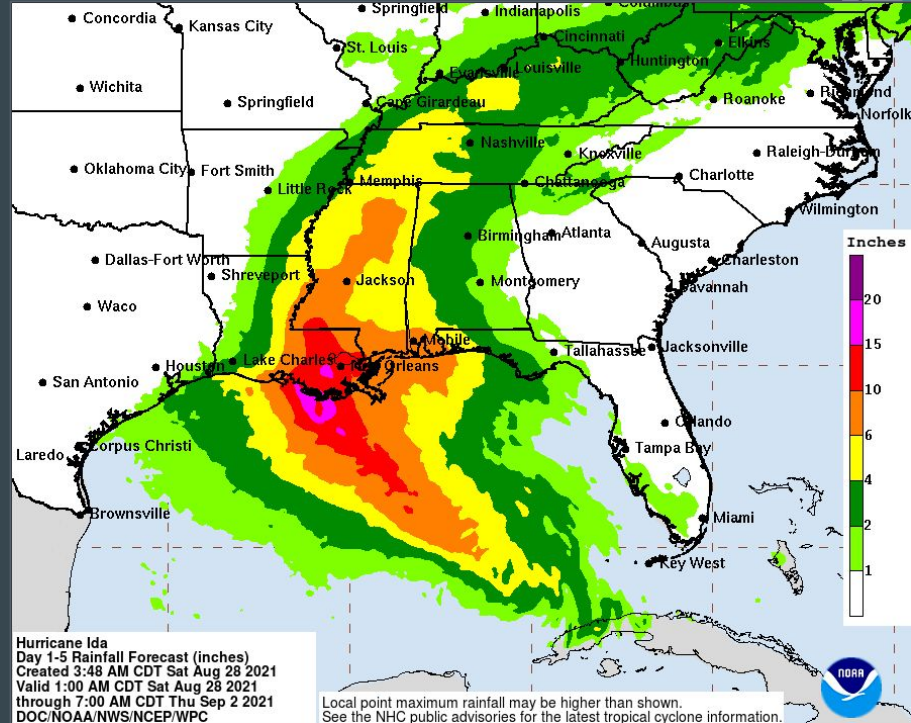


ABC7 New York after Ida

Deterministic Rainfall Forecast

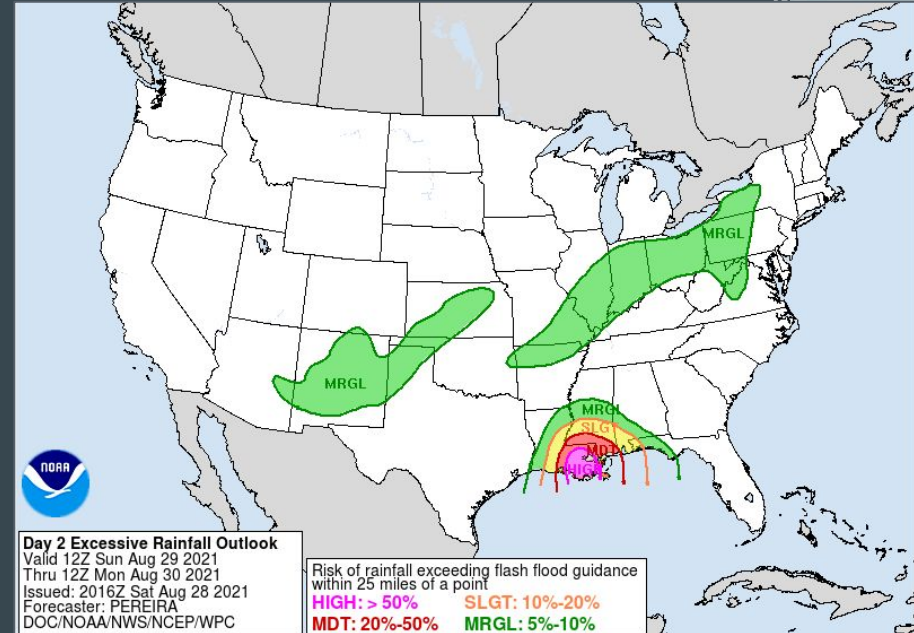
Rainfall forecast graphics for tropical systems are created with a broader color scale.

They are hosted on both the WPC and NHC website and typically include 3 to 5 days of rainfall depending on the storm.



Excessive Rainfall Outlooks (ERO)

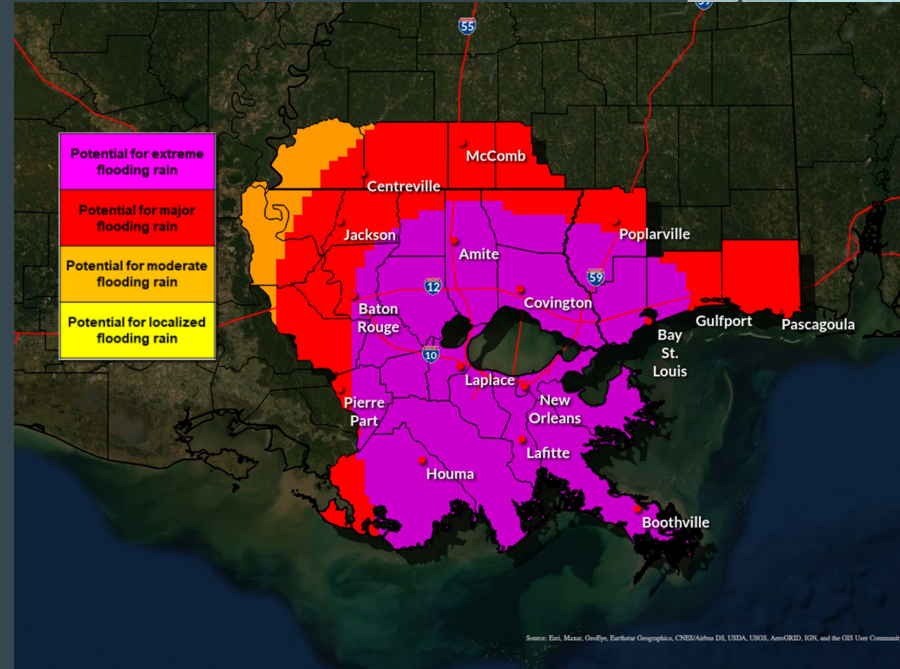
- Describes flash flood threat
- Probabilistic product accounting for forecast rainfall, uncertainty and antecedent conditions
- High Risk context:
 - 54% result in at least 1 fatality
 - 73% result in at least \$1M damage



Flooding Rain HTI

Describes flash flood threat.

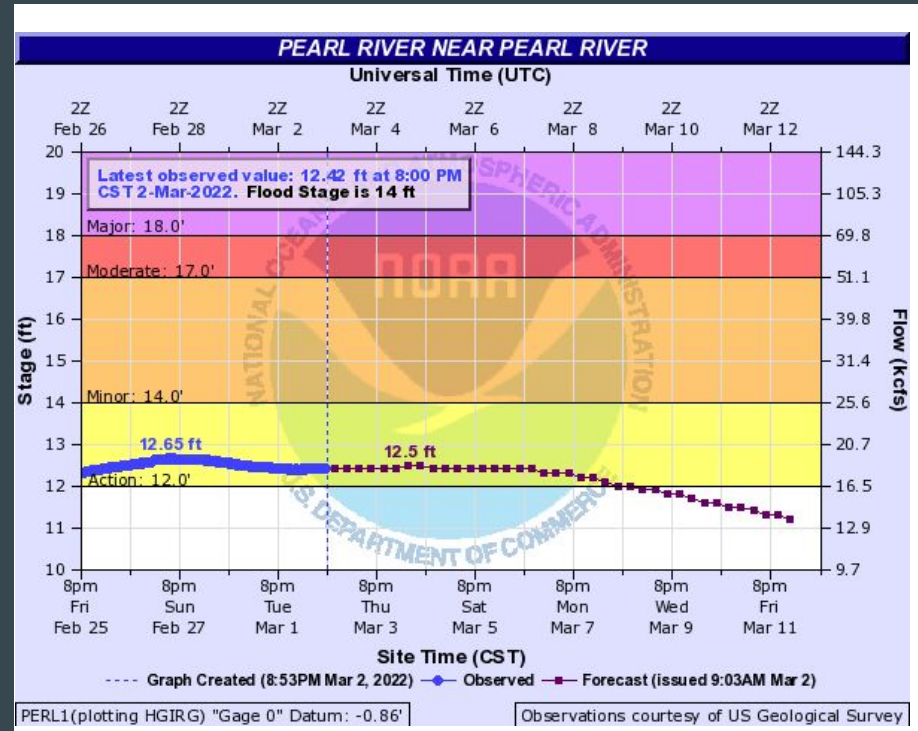
Probabilistic product accounting for forecast rainfall, uncertainty and antecedent conditions.



All graphics associated with the 10am CDT forecast
8/28 for Hurricane Ida

River Forecasts

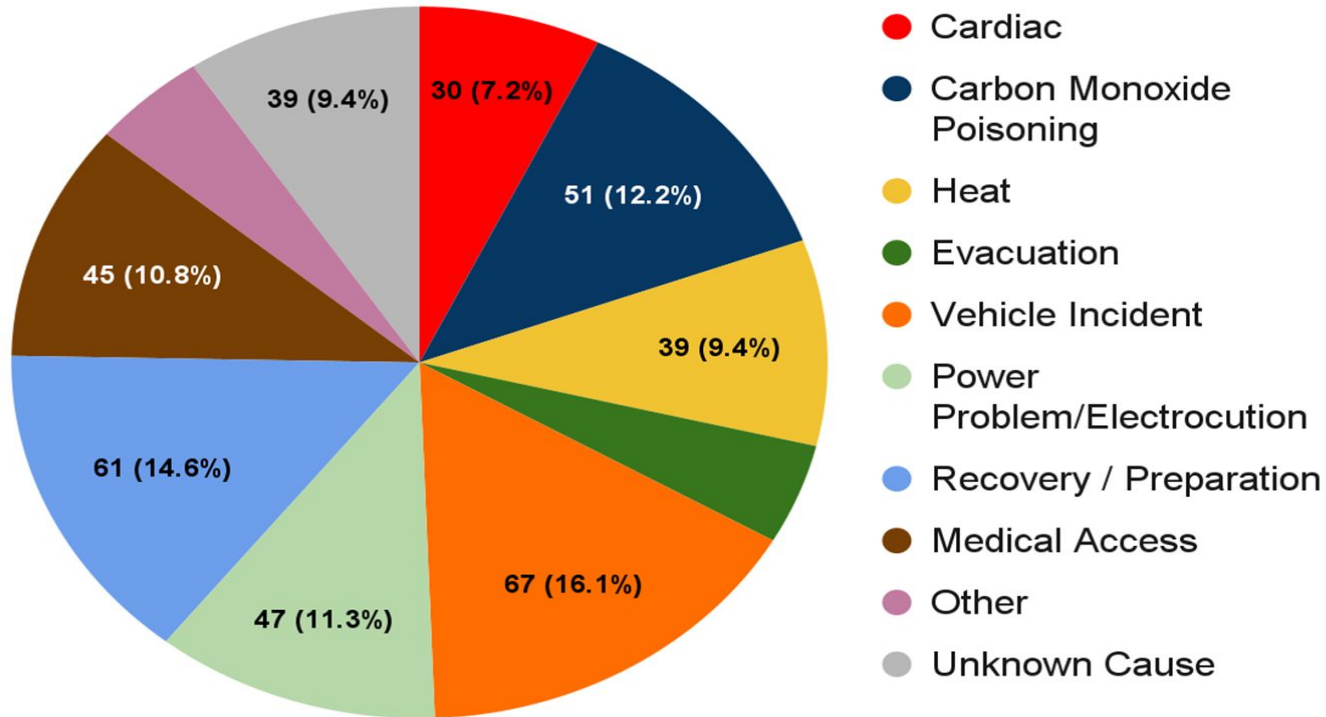
Forecasts are deterministic. They do not account for errors in the forecast rain amounts or locations. Typically only include 24 hours of rainfall, but we can coordinate with them to request a longer duration. In some cases, the LMRPD can produce "contingency forecasts" with extra rainfall. For sites with a tidal influence, the LMRPD does incorporate storm surge into their river forecasts as well. Forecasts available on our website: <https://www.weather.gov/lmrc/river.php?wfo=cta>





**Other important
topics**

Indirect Fatalities 2013-2023



Partner Support

Next Update and Contact Information:

The next update will be sent with the **2pm weekly briefing**. If you have any questions in the interim or need additional information, please do not hesitate to contact us. We can be reached by phone at **504-522-7330** or **985-649-0429**. Use extension 4 to speak to a meteorologist. You can also reach us by email at **sr-lix.forecast@noaa.gov** or email to **sr-lix.forecast@noaa.gov** delivered to the fax machine.

The image shows a screenshot of social media posts from the NWS New Orleans account. On the left, there is a tweet from Kevin Gilmore at 1:17 AM stating that a tornado watch will expire at 2 AM and that they will continue to monitor the situation. Below this is a reply from WxBot at 2:03 AM, which is a text message containing a list of phone numbers and a statement from the National Weather Service regarding the expiration of a tornado watch for Pearl River MS, St. Tammany Parish, and the Gulf Coast. On the right, there is a post from 3 hours ago featuring a weather forecast for Louisiana with a temperature of 76 degrees and a 'Forecast for Today' graphic. Below the forecast are several weather maps and graphics, including one titled 'Forecast for Today' showing a temperature of 76 degrees and another showing a 'Forecast for Today' with a temperature of 72 degrees. The post also includes a 'Boost post' button and a 'Read more' link.

NWS - New Orleans - Kevin Gilmore 1:17 AM
We'll be letting the watch expire at 2AM, and continue to trim as the threat continues. We will still be keeping an eye on things tonight.



WxBot APP 2:03 AM

NWS New Orleans LA Expires the Tornado Watch for Pearl River MS, St. Tammany Parish, and the Gulf Coast

Untitled ▾

- 1 LAC103-105-117-MS109-147-260815-
- 2 /O.EXP.KLIX.TO.A.0062.000000T0000Z-240326T0700Z/
- 3
- 4 THE NATIONAL WEATHER SERVICE HAS ALLOWED TORNADO WATCH 62 TO
- 5 EXPIRE FOR THE FOLLOWING AREAS



NWS - New Orleans - Mike Efferson 2:56 AM

Hi all, I just took over Kevin's spot on radar. Let me know if y'all have any questions



SEVERE WEATHER BRIEFING

2:00 PM CST
Tuesday, December 13, 2022

Prepared by:
New Orleans/Baton Rouge



This is a reminder that "NWS New Orleans **Weekly Webinar**" will begin in 1 Hour on:
Thu, Mar 2, 2023 2:00 PM - 3:00 PM CST

Add to Calendar: [Outlook® Calendar](#) | [Google Calendar™](#) | [iCal®](#)

Please send your questions, comments and feedback to: sr-lix.forecasters@noaa.gov

How to Join the Webinar

1. Click the link to join the webinar at the specified time and date:

[Join Webinar](#)

Note: This link should not be shared with others; it is unique to you.

Southeast Louisiana and Southern Mississippi partners,

Here is an update concerning an upcoming severe weather threat Tuesday night into Wednesday night.

Changes Since Last Update:

- Slight expansion of Enhanced Risk for Tuesday into early Wednesday morning.
- Slightly higher confidence in regards to greater rainfall/flash flooding potential for central and western areas.
- Slight risk of Excessive Rainfall Wednesday morning through Wednesday night

Overview:

A strong system is expected to move through the deep south early to mid week bringing the potential for severe weather.

WHAT: **Slight** to **Enhanced Risk** of Severe Weather and **Slight** Risk of Excessive Rainfall.

WHEN: Tuesday night through Wednesday night.

WHERE: All of SE LA and southern MS.

CONFIDENCE: Timing remains a lower confidence as there is a possibility of a line of storms either slowing down or moving east.

This causes a concern for local training of thunderstorms and for now, low to moderate confidence on location.

The images below highlight the threats and impacts expected late Tuesday through Wednesday morning:



Public Support

MY FORECAST
3 Miles NNW Gretna LA



**Weather Forecast Office
Rouge**
Weather.gov > New Orleans/Baton Rouge

Current Hazards **Current Conditions** **Radar**

Submit a Storm Report



Briefing Page

Fair


weather.gov/neworleans

Follow us on X (twitter)
[@NWSNewOrleans](https://twitter.com/NWSNewOrleans)




Follow us on Facebook at
[US National Weather Service New Orleans Louisiana](https://www.facebook.com/USNationalWeatherServiceNewOrleansLouisiana)

My Tweets NWSNewOrle...   ...


In reply to PezznolaPezz and 8 more

 **NWS New Orleans** @NWSNewOrleans
1 hour ago


What a great picture! Could we save this for our graphics and use it with your permission/name attached? Thanks!




   ...


Show Conversation

 **NWS New Orleans** @NWSNewOrleans
4 hours ago

We will also see locally heavy rain with the cold front. Widespread 1 to 2.5" of rain with locally higher amounts will be possible and with that there is a Marginal risk of excessive rainfall leading to isolated flash flooding. #LAWx #MSWx




My Posts US Nationa...    ...




 **US National Weather Service New Orleans Louisiana**
3 hours ago

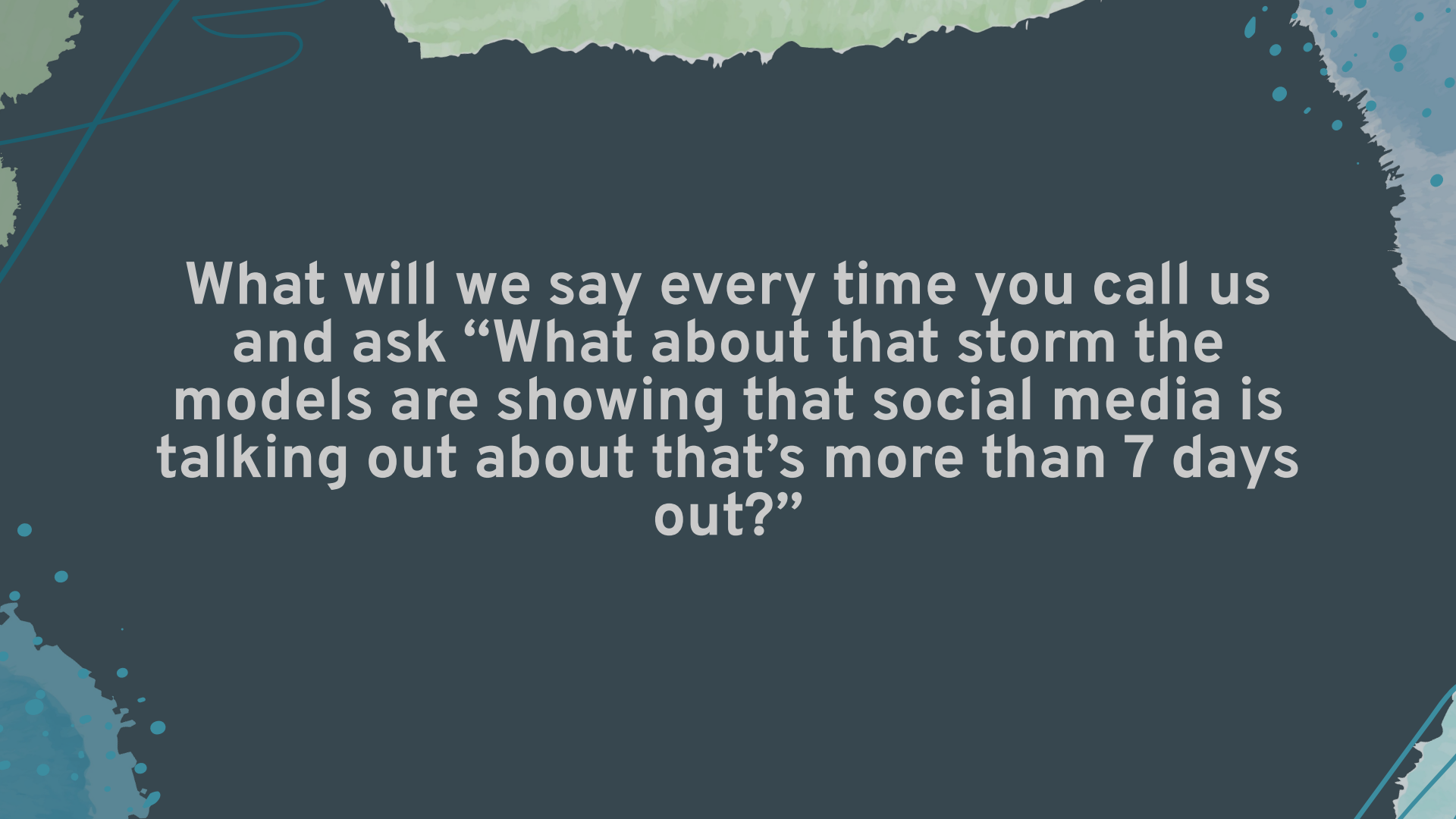
Much warmer today with highs in the 70s under mostly sunny skies early but clouds should start to return this afternoon. A strong cold front is then...

Read more




Boost post

 8   ...



**What will we say every time you call us
and ask “What about that storm the
models are showing that social media is
talking out about that’s more than 7 days
out?”**



It is far too soon to discuss any potential impacts due to the high level of uncertainty in where/when it might develop and where it might move, IF it develops at all. We do not issue forecasts more than 7 days out. Please follow official sources of weather information. Please know that our office WILL send out email updates if/when there is a reasonable threat of tropical activity in the Gulf.

Questions?

...