



Potential Tropical Cyclone Nine Briefing

7 AM ET

Tuesday, Sep 24, 2024

Storm Surge, Hurricane, Tropical Storm, and Flood Watches
out for most of the area.



Situation Overview

Potential Tropical Cyclone Nine

- PTC 9 is expected to undergo rapid strengthening as it races northwards into the Gulf of Mexico. The wind field will expand as the storm strengthens.
- The main time for impacts will begin late Wednesday night into early Thursday and last throughout much of the day on Thursday. The storm will quickly exit the region late Thursday.
- PTC 9 will bring life threatening storm surge to the area with the highest surge values forecast along the Nature Coast.






Storm Surge values

- 10-15 ft for Levy and Citrus,
- 6-10 ft for Hernando and Pasco
- 5-8 ft for Pinellas, Hillsborough, and Manatee
- 4-7 ft for Sarasota
- 3-5 ft for Charlotte and Lee



Situation Overview

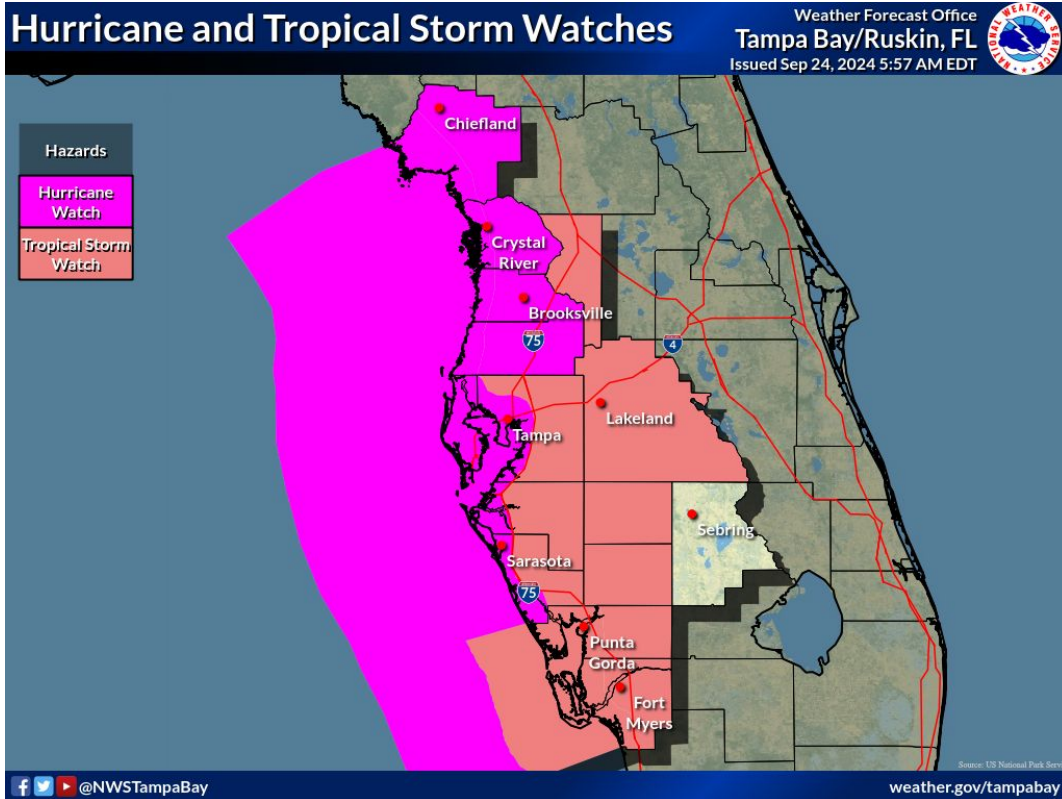
Potential Tropical Cyclone Nine

Hazard	Impacts	Location	Timing
 Wind	Hurricane force wind along the coast and the Nature Coast Inland	Hurricane or Tropical Storm Watch entire area except for Highlands Co.	Thursday
 Storm Surge & Inundation	Life-threatening storm surge along the coast	Storm Surge Watch for the entire coast.	Thursday into early Friday
 Flooding Rain	Widespread rainfall of 3-6 inches isolated amounts up to 10 inches.	Flood Watch for the entire area. Highest confidence along the Nature Coast.	Late Wednesday into Thursday
 Tornado	Potential for a few tornadoes.	Tampa Bay area northwards.	Thursday
 Marine	Hazardous Marine Conditions.	Coastal Marine Waters	Late Wednesday into early Friday



Hurricane and Tropical Storm Watches

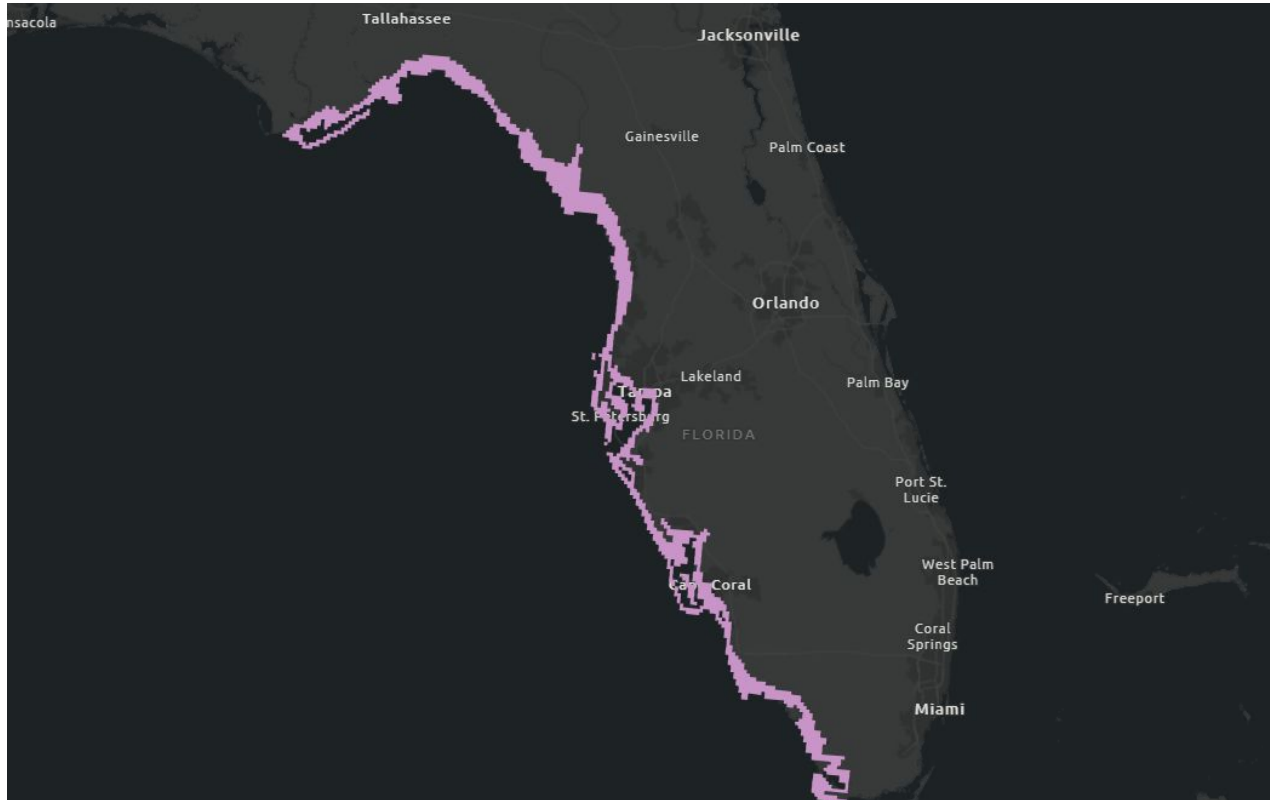
Potential Tropical Cyclone Nine





Storm Surge Watches

Potential Tropical Cyclone Nine

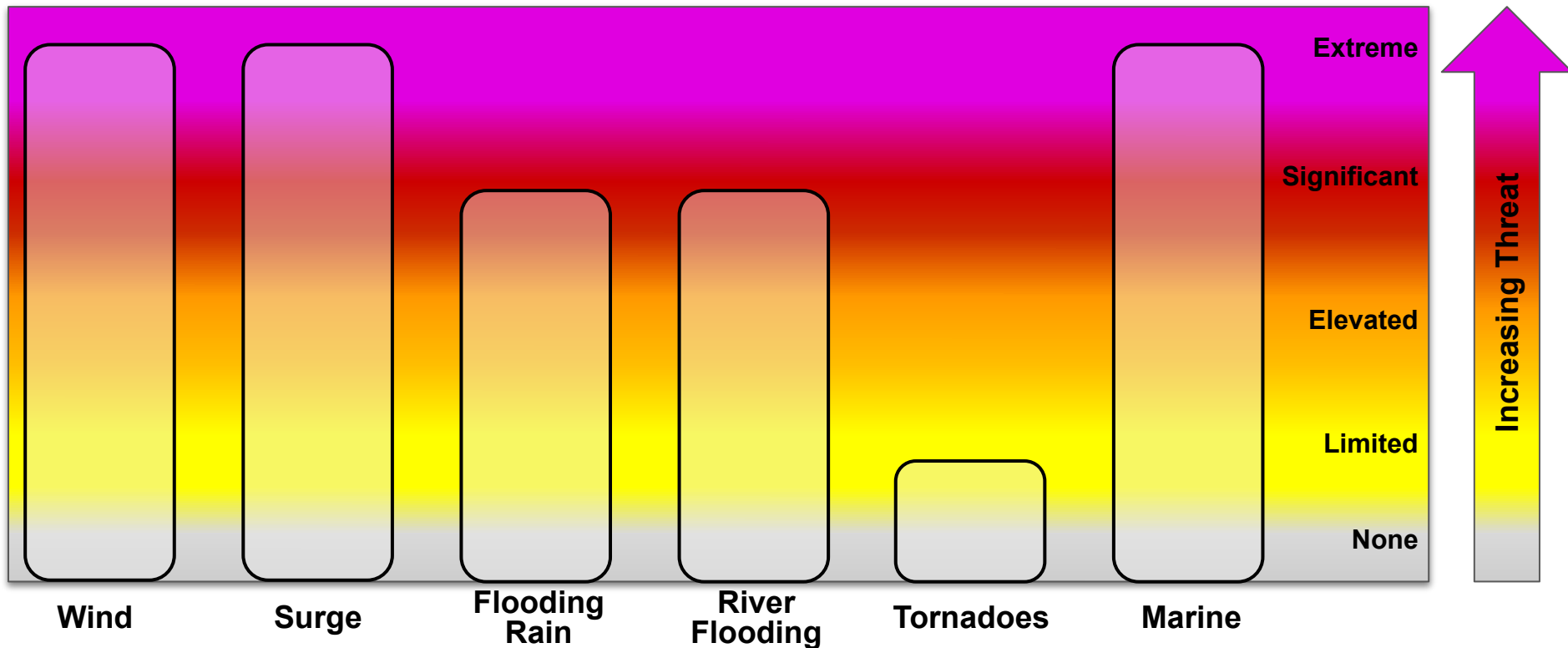




Threat Levels

Potential Tropical Cyclone Nine

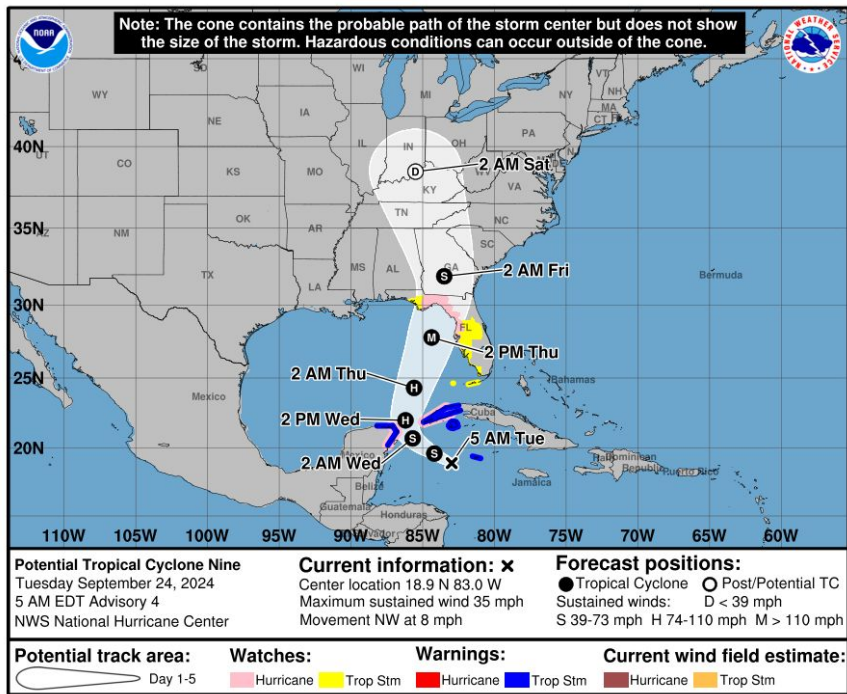
For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=tbw>





Situation Overview

Potential Tropical Cyclone Nine



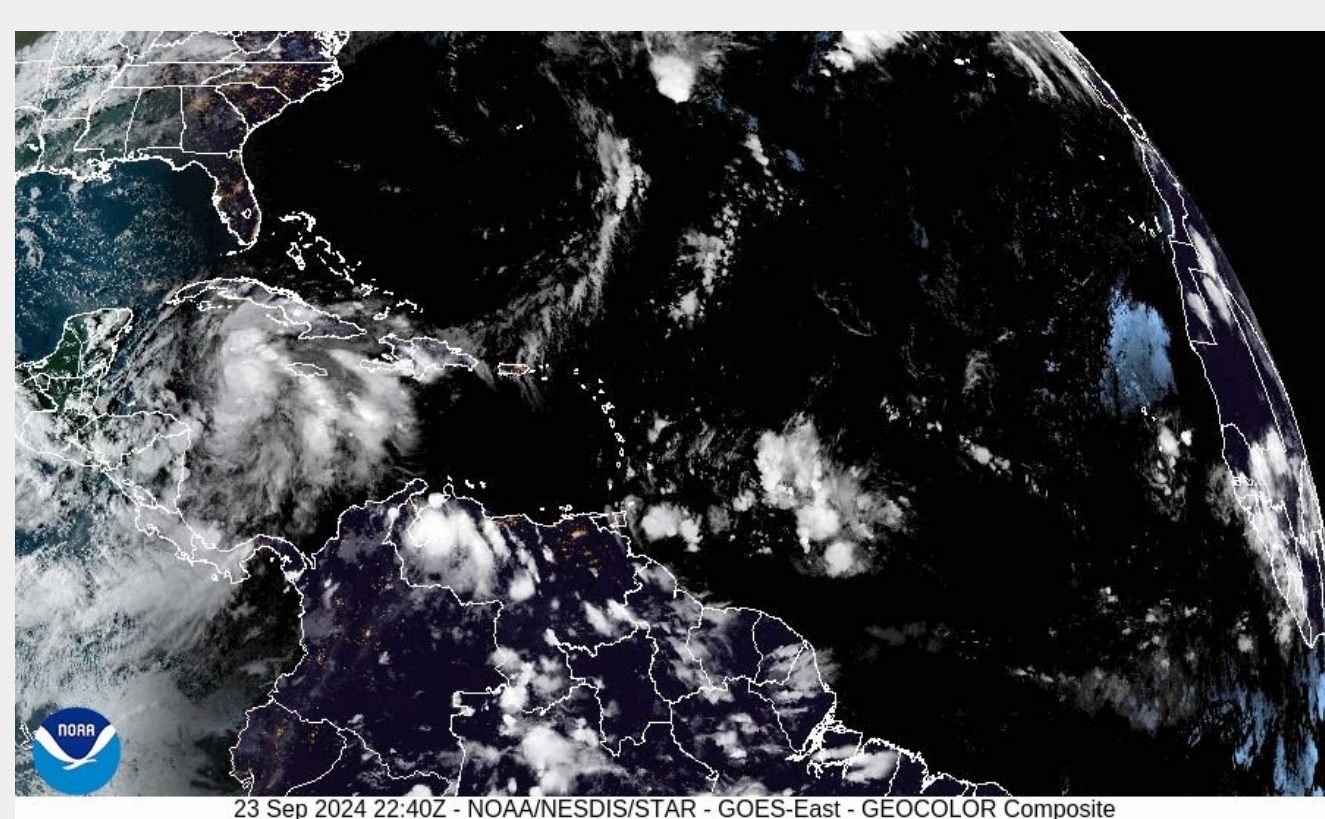
- The track continues to be consistent with the previous advisories with very little shift.
- The forecast now brings PTC 9 to a Major Hurricane (Cat 3) before landfall.

NOTE: Do not focus on the exact track.
Impacts can occur well outside the area enclosed by the cone.



Current Satellite View

Potential Tropical Cyclone Nine



23 Sep 2024 22:40Z - NOAA/NESDIS/STAR - GOES-East - GEOCOLOR Composite

PTC9 still disorganized but forecast to become named later today.

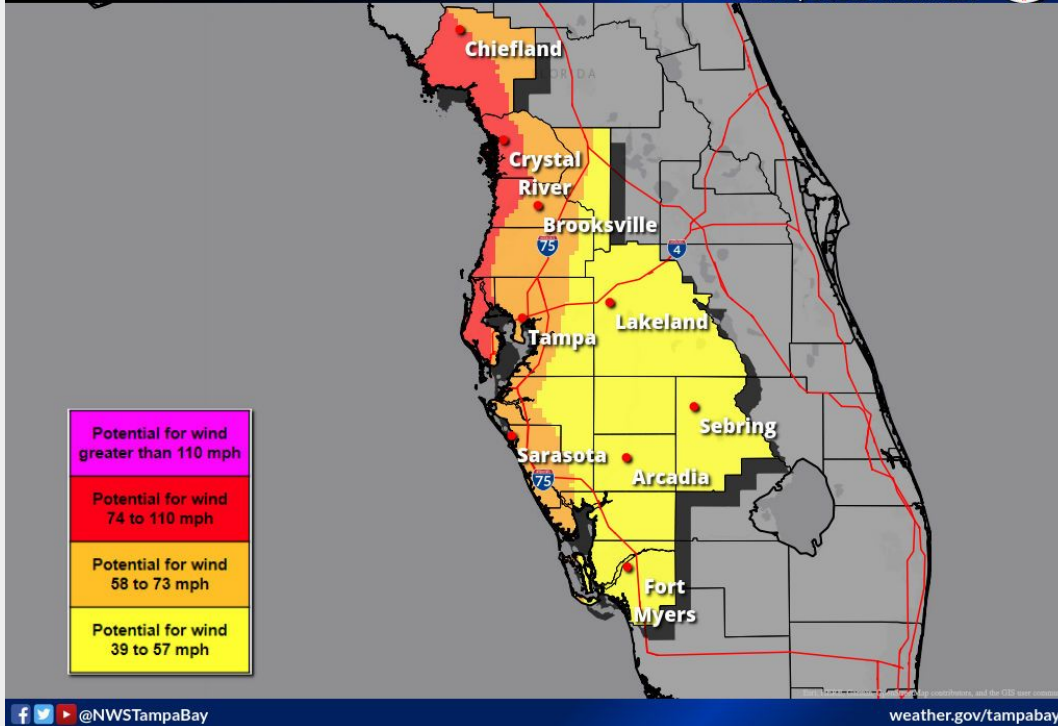


Wind Threat / Potential Impact

Potential Tropical Cyclone Nine

Wind Threat

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Tampa Bay/Ruskin, FL
Issued Sep 24, 2024 5:01 AM EDT



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weather.gov/tampabay

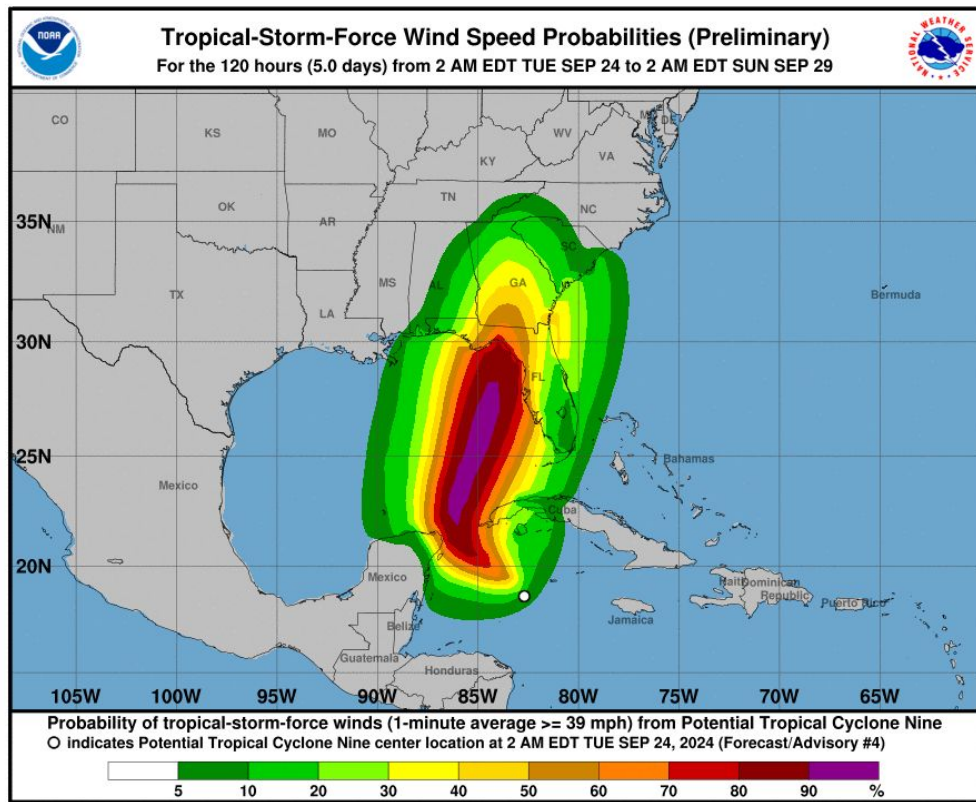
There is a potential for:

- Hurricane winds along the coast from Sarasota area northwards.
- Tropical Storm force winds possible inland. Watches out for entire area except for Highlands County.



Tropical Storm Wind Speed Probabilities

Potential Tropical Cyclone Nine

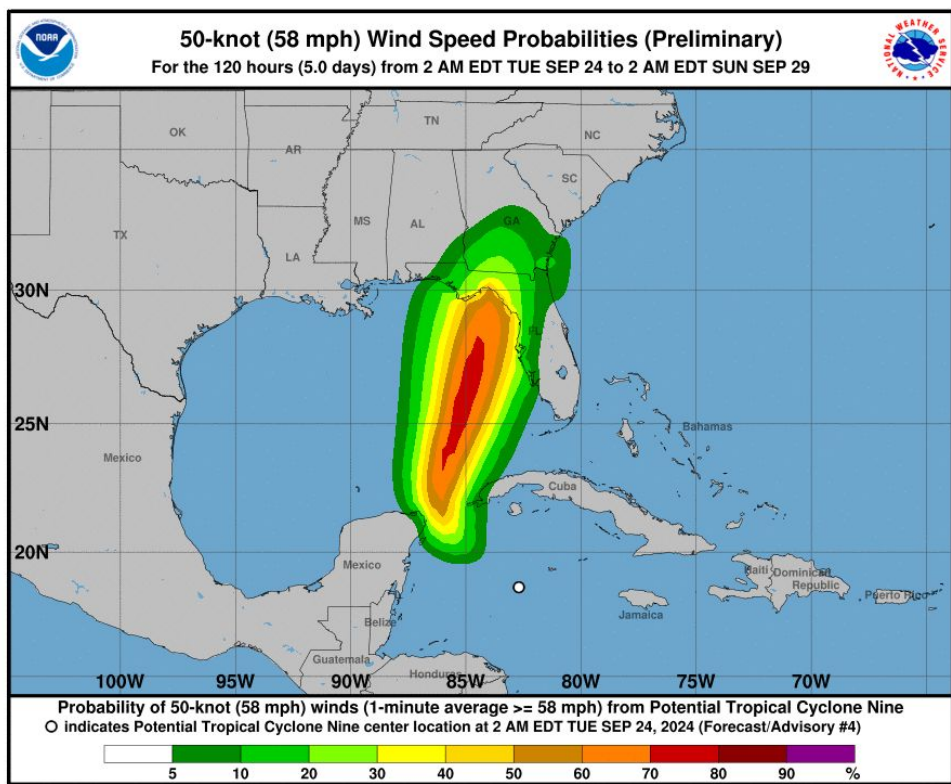


- Tropical Storm force wind probabilities over 80% along the coast from Tampa Bay area northwards.



50 kt (58 mph) Wind Speed Probabilities

Potential Tropical Cyclone Nine



- 50 kt probabilities around 70-80% offshore.
- Probabilities of 40-50% moving into Levy County.



Hurricane Wind Speed Probabilities

Potential Tropical Cyclone Nine

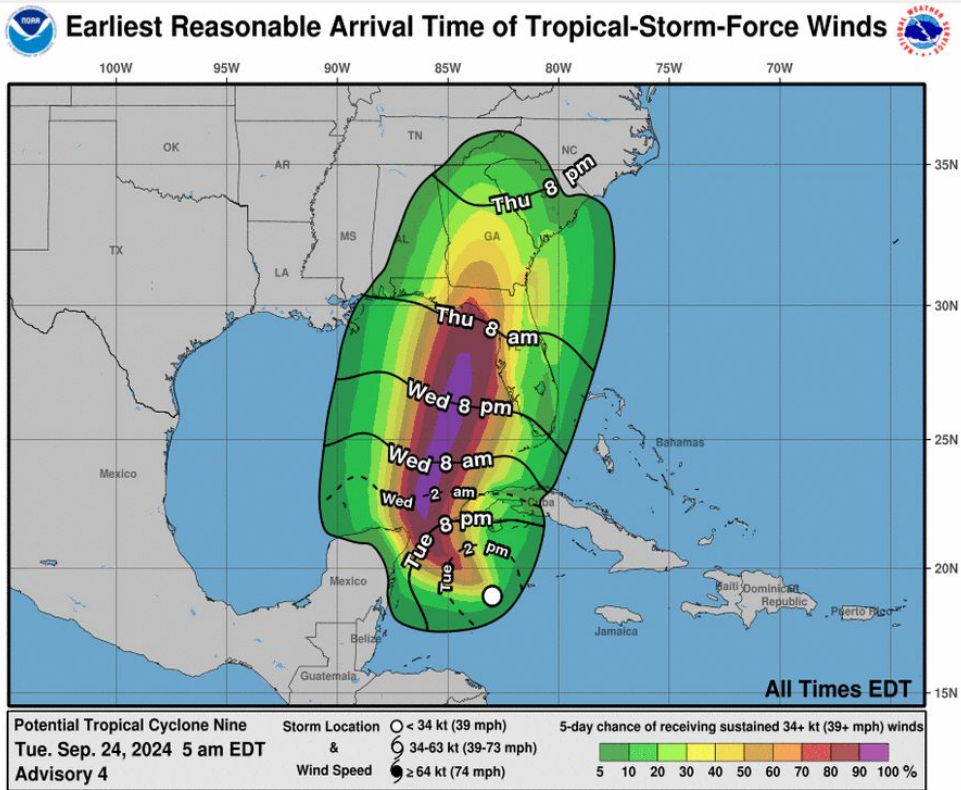


- Probabilities of 50-60% offshore for Hurricane Force winds.
- Probabilities of 20-30% moving into Levy County.



Earliest Reasonable Time of Arrival

Potential Tropical Cyclone Nine



County	Chance	Earliest Arrival Time	Most Likely Arrival Time
Lee	61%	10 pm Wed	6 am Thu
Charlotte	65%	10 pm Wed	6 am Thu
Sarasota	65%	1 am Thu	8 am Thu
DeSoto	29%	1 am Thu	10 am Thu
Hardee	29%	1 am Thu	10 am Thu
Highlands	19%	1 am Thu	10 am Thu
Manatee	60%	1 am Thu	8 am Thu
Pinellas	81%	2 am Thu	8 am Thu
Pasco	82%	4 am Thu	10 am Thu
Hillsborough	60%	6 am Thu	9 am Thu
Polk	34%	6 am Thu	11 am Thu
Sumter	51%	7 am Thu	11 am Thu
Hernando	82%	7 am Thu	11 am Thu
Citrus	82%	7 am Thu	11 am Thu
Levy	82%	7 am Thu	12 pm Thu

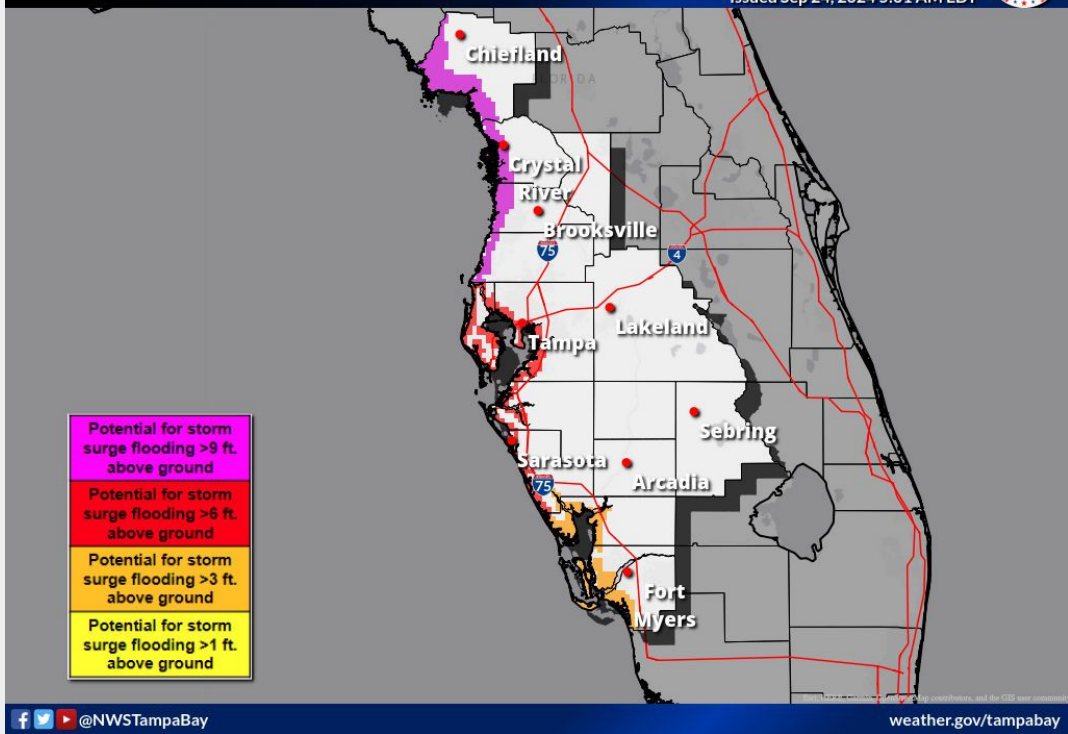


Potential Storm Surge Impacts

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Storm Surge Threat

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Life-Threatening Storm Surge Forecast:

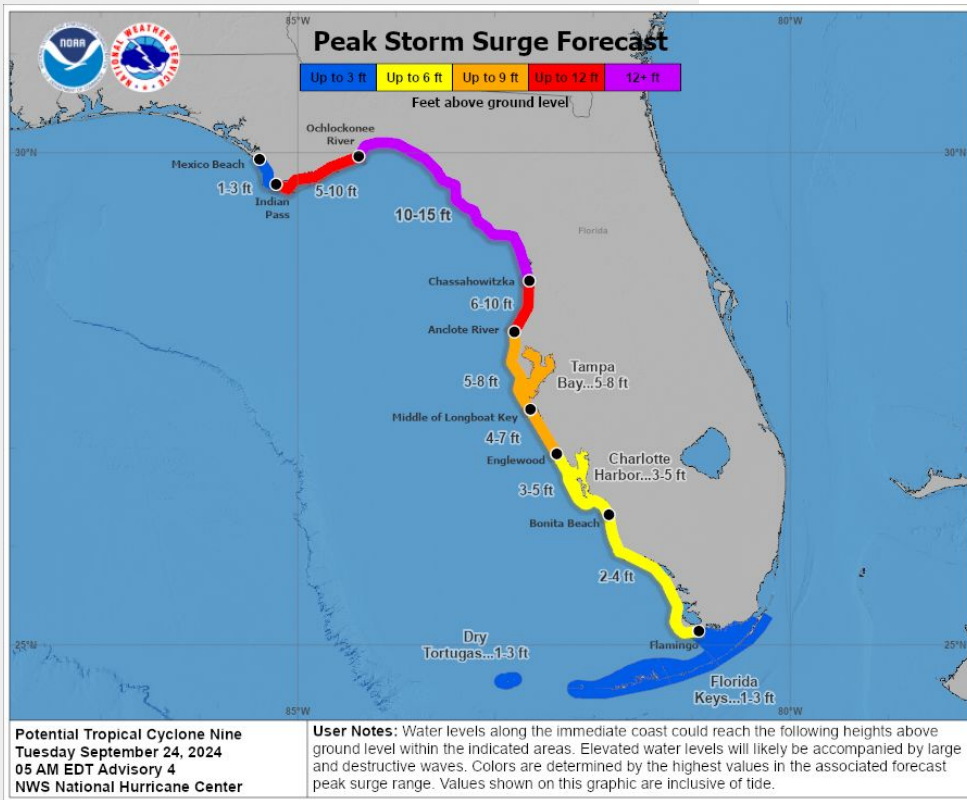
Storm Surge values

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Peak Storm Surge

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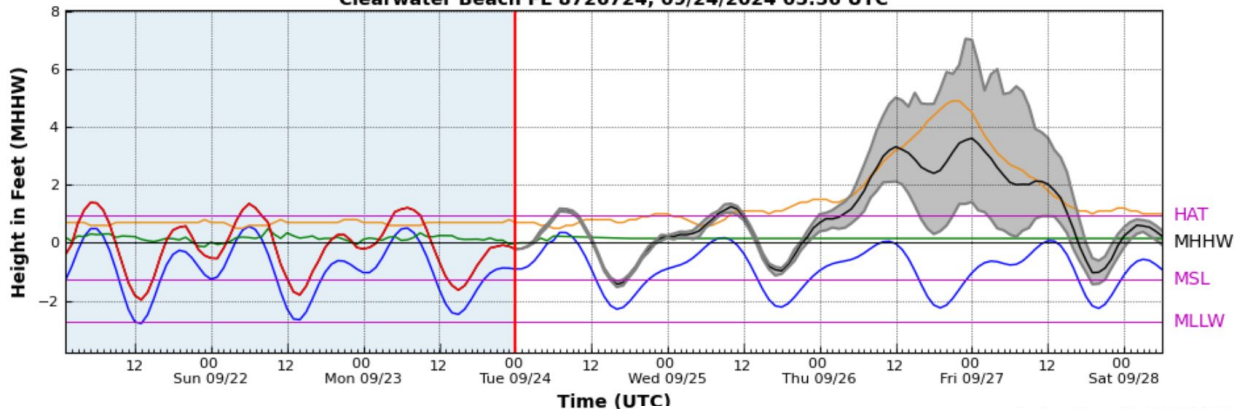




Storm Surge Timing

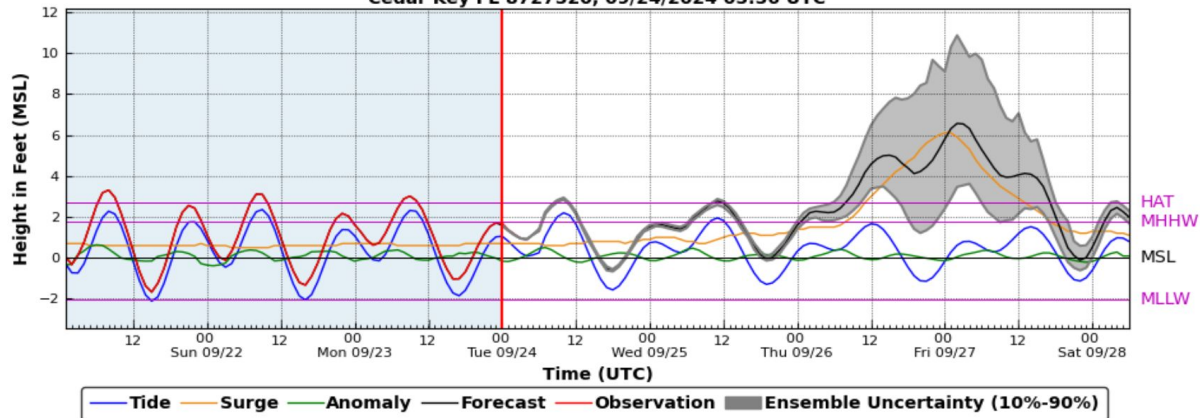
Potential Tropical Cyclone Nine

Clearwater Beach FL 8726724, 09/24/2024 05:56 UTC



— Tide — Surge — Anomaly — Forecast — Ob

Cedar Key FL 8727520, 09/24/2024 05:56 UTC



— Tide — Surge — Anomaly — Forecast — Observation — Ensemble Uncertainty (10%-90%)

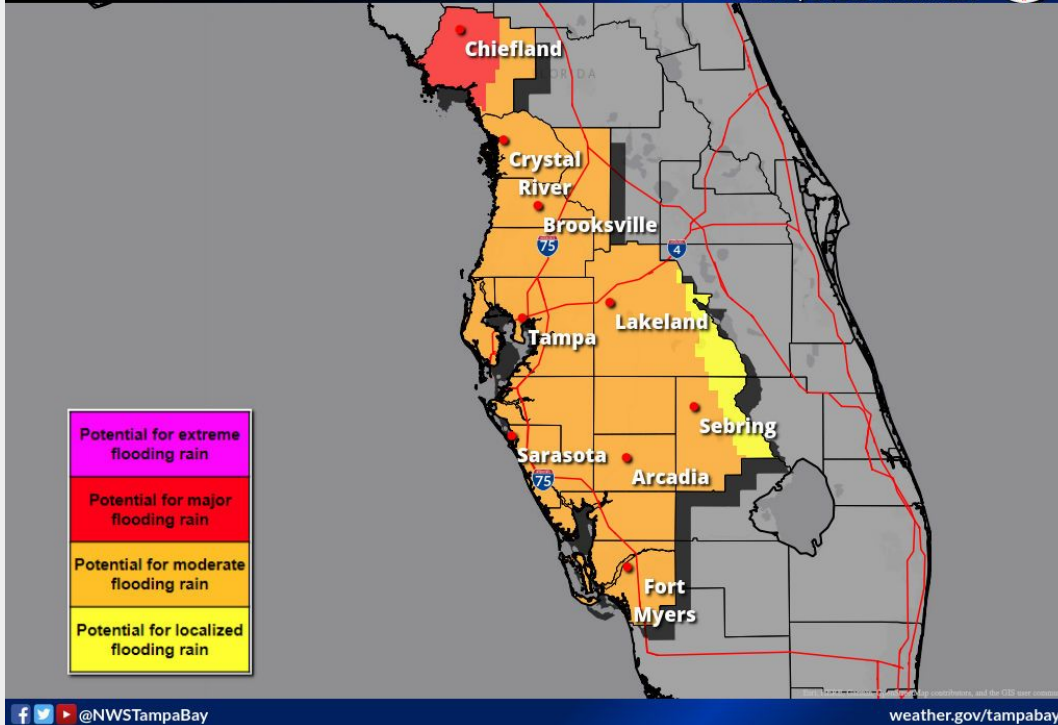


Inland Flooding Impacts

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Flooding Rain Threat

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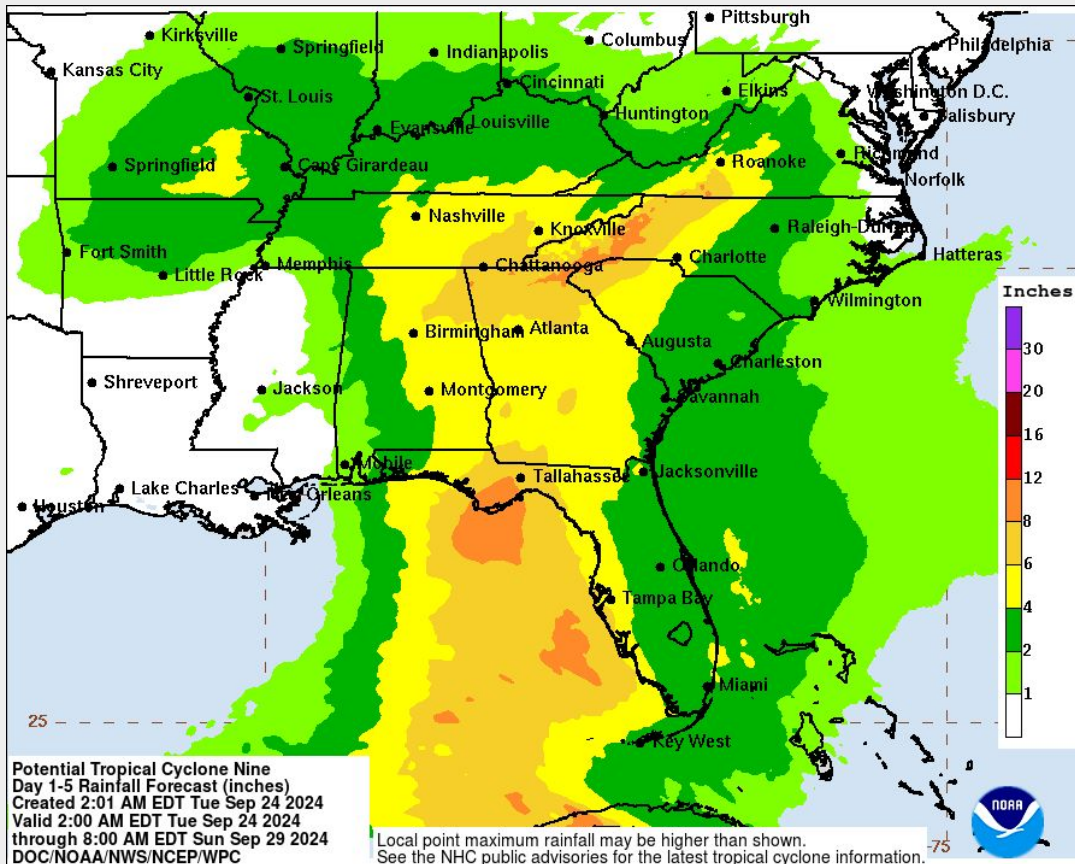
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- Forecast rainfall amounts of 3 to 6 inches with locally higher amounts up to 10 inches.
- Highest confidence across Levy county.



Expected Storm Total Rainfall

Potential Tropical Cyclone Nine

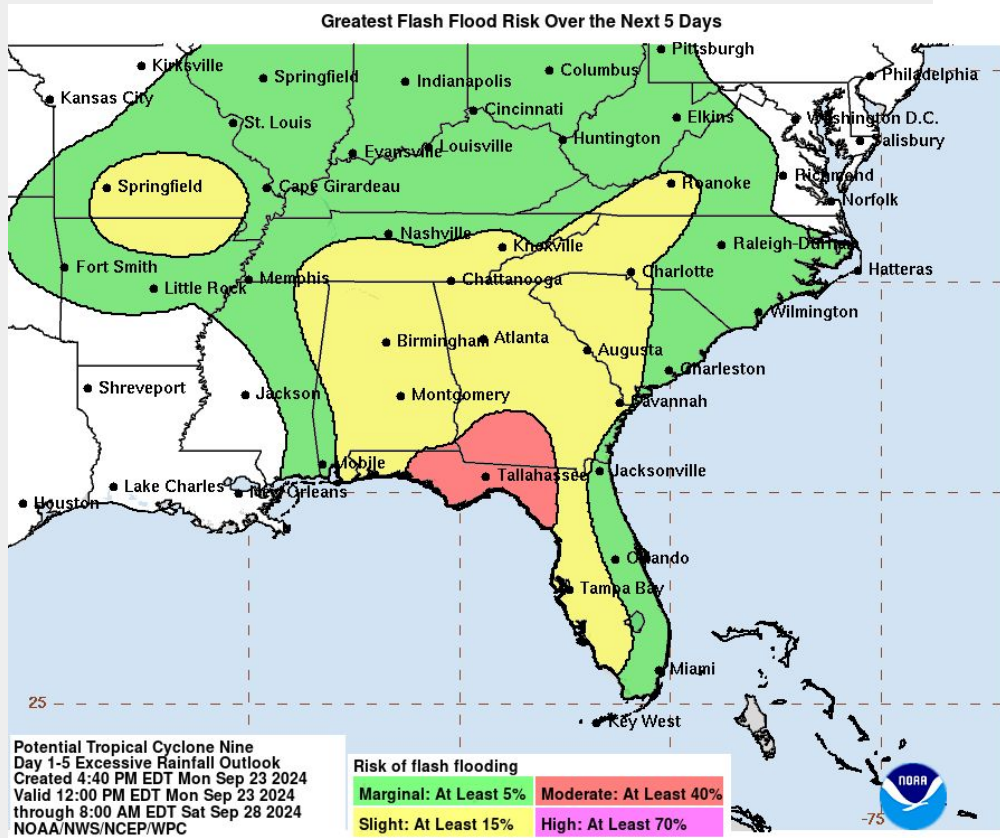


Rainfall amounts of 3 to 6 inches with locally higher amounts of 10 inches.



Excessive Rainfall Outlook

Potential Tropical Cyclone Nine



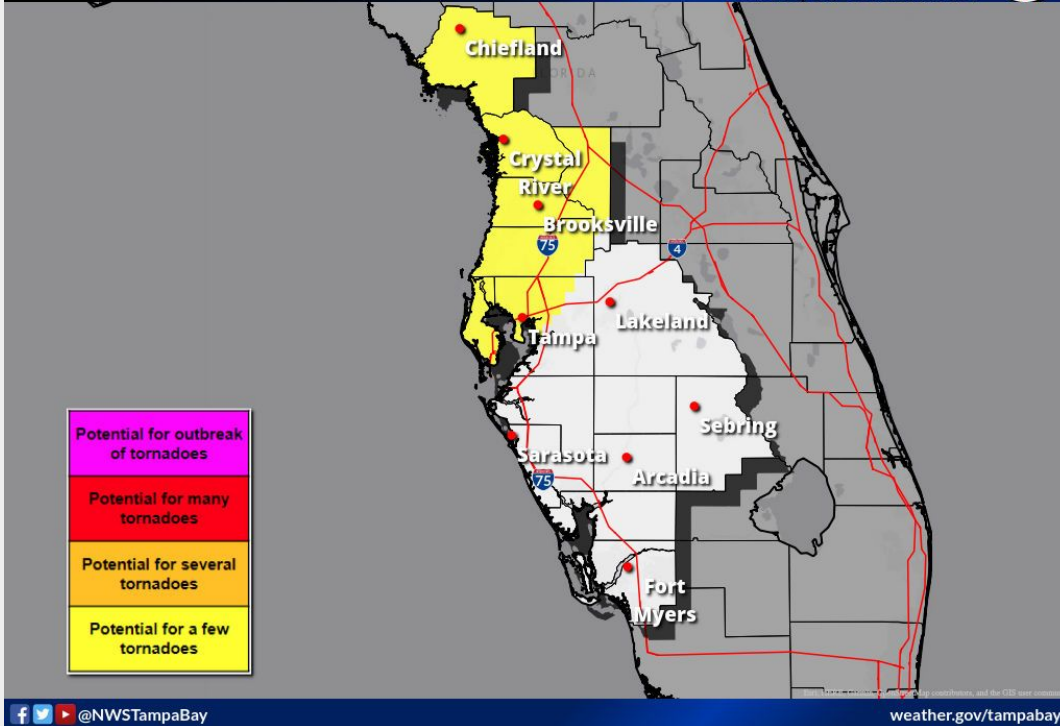


Potential Tornado Impacts

Potential Tropical Cyclone Nine

Tornado Threat

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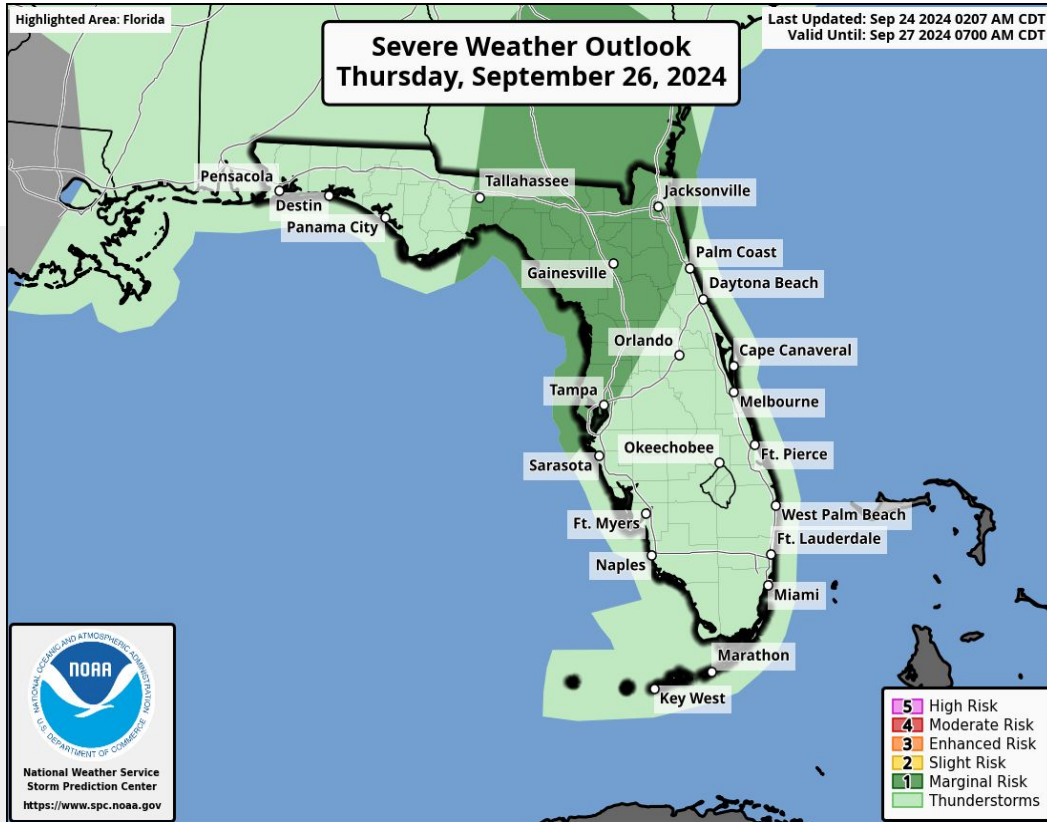


- Potential for a few tornadoes mainly to the north of the Tampa Bay area on Thursday.



Tornado Potential

Potential Tropical Cyclone Nine



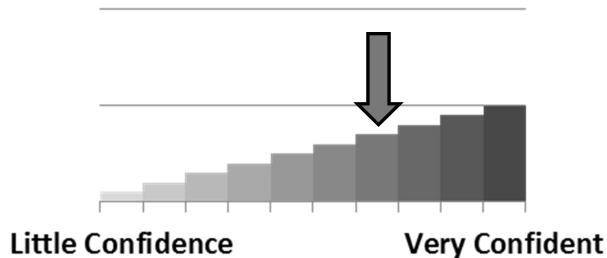


Key Take-Aways

Potential Tropical Cyclone Nine

- PTC 9 is forecast to undergo rapid strengthening as it races northwards across the Gulf of Mexico on Wednesday and Thursday.
- Life threatening storm surge is forecast with the system with the highest values along the Nature Coast.
- Hurricane, Tropical Storm, Flood, and Storm Surge watches are now out. Upgrade to Hurricane, Tropical Storm, and Surge warnings possible later this afternoon.

Forecast Confidence



Confidence continues to increase that PTC9 will strengthen into a Major Hurricane before making landfall along the Big Bend Region of Florida late Thursday.



Talking Points and Best Messaging Tools

Talking Points:

- Storm Surge watch now in effect for the entire coast.
- Hurricane watch for the coast from Sarasota County northwards.
- Rainfall amounts of 3 to 6 inches with locally higher amounts of up to 10 inches.
- Impacts beginning across SW Florida as early as late Wednesday. Main impacts will be on Thursday.

Messaging Tools for Individual Threat Assessment Now Available:

[P-Surge](#)

[River Flood Forecasts and Observations](#)



Local Resources

Potential Tropical Cyclone Nine

Next Briefing:
1 PM ET
Method: Webinar



Web: weather.gov/tampabay



Phone: 813-645-2323 x1



E-mail: sr-tbw.ops@noaa.gov



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Tropical Page for the Public:

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