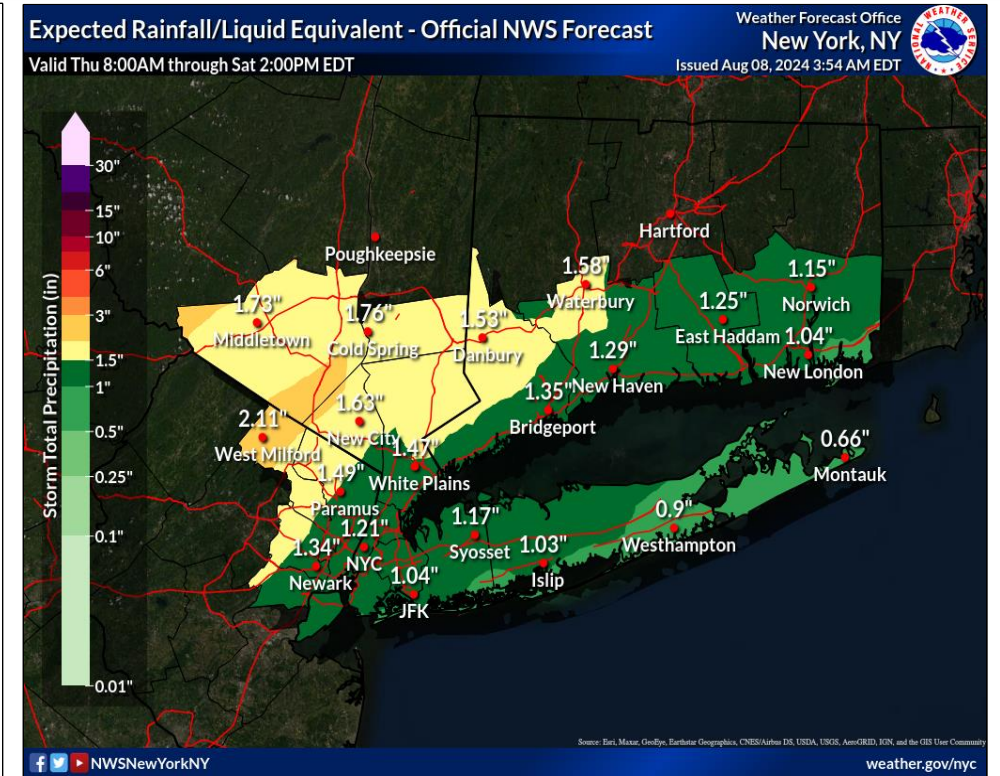
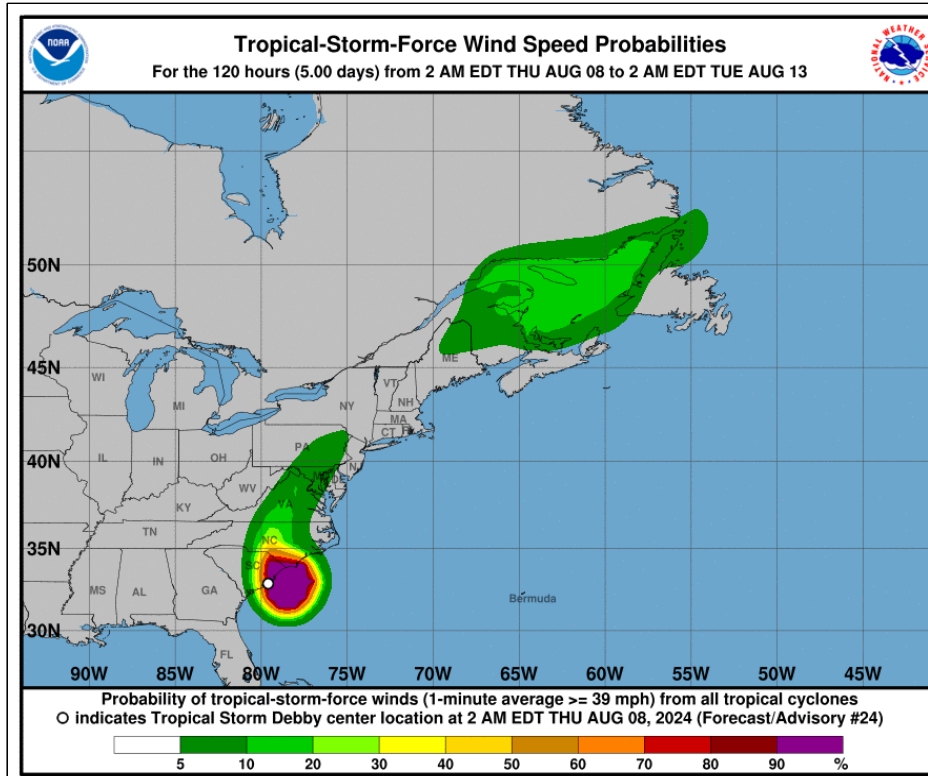
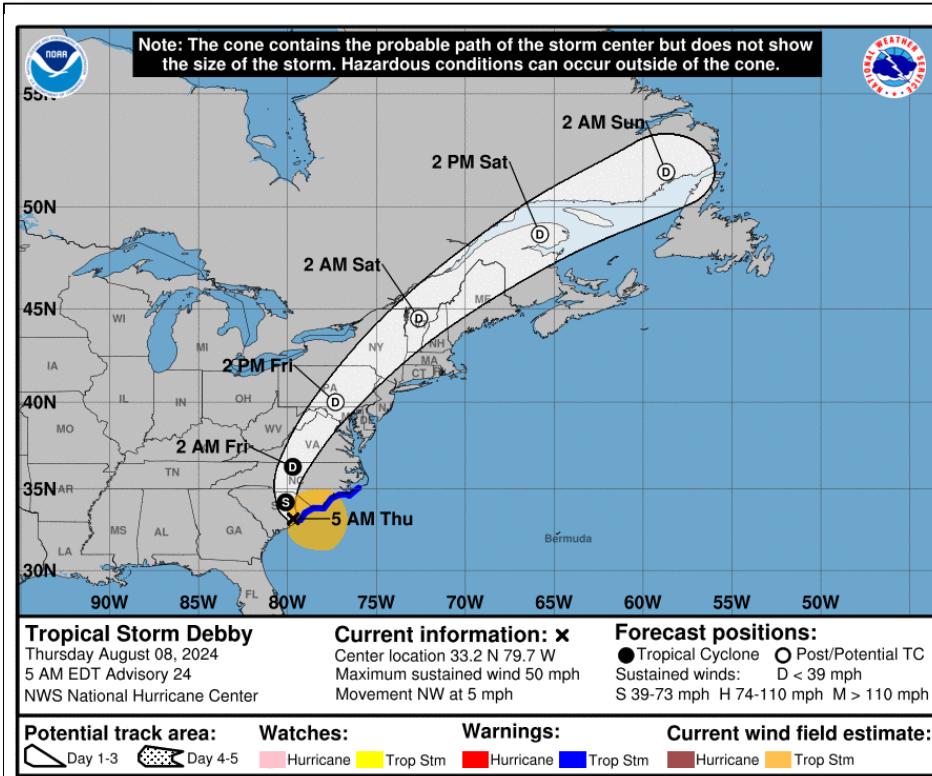




Tropical Cyclone Debby Update

August 8, 2024
6:07 AM



What's Changed:

- The system continues to trend faster with lower rainfall amounts for our area.

Key Points for Friday Afternoon through Friday Night

- Rainfall:** 1-2" for NYC and points N&W, around 1" for LI and S CT Fri Aft through Friday night. Locally, amounts could be higher. Potential for scattered (NYC and points N&W) to isolated (LI & S CT) urban, poor drainage, and quick responding river/stream flooding from heavy rain and saturated grounds.
- Severe Thunderstorms:** Potential for isolated severe storms with damaging winds gusts and brief tornadoes, along/ahead of cold front Fri Aft through Friday night.
- Winds:** Southerly winds 20-30 mph gusts 35 to 45 mph possible along the coast Fri Aft through Friday night. Minor tree damage and isolated power outages possible.
- Coastal:** High Surf and High Risk of rip currents along ocean beaches likely Friday into Saturday.

Forecast Challenges

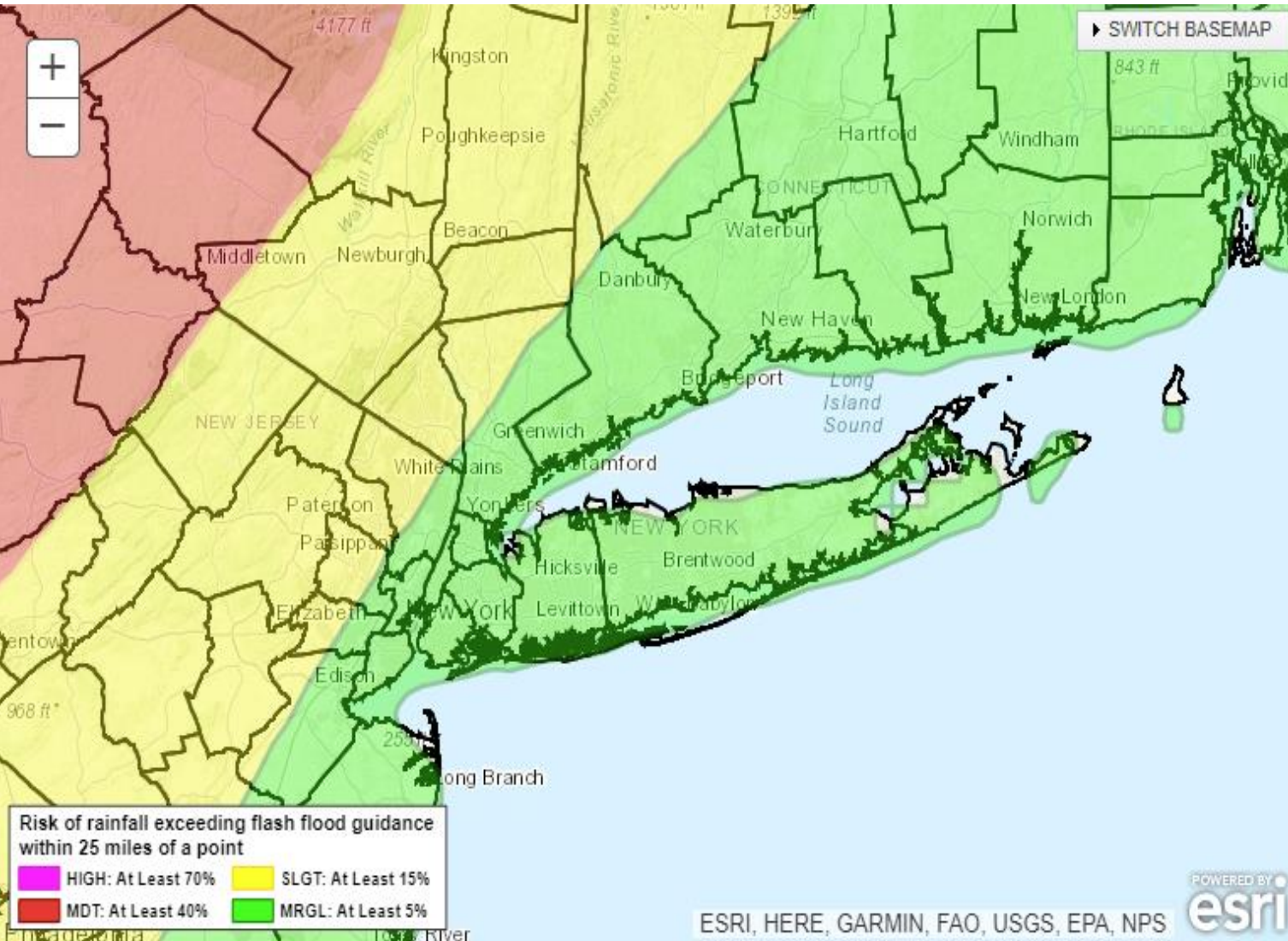
- Flooding and severe weather potential will be dependent on the track of Debby and the speed of the approaching cold front. These details will be refined over the next 36 hrs. Refer to [National Hurricane Center Forecasts](#) for the latest track and intensity information on Debby.



Excessive Rainfall Outlook Friday Aft through Friday Night

August 8, 2024
6:07 AM

8AM Friday through 8AM Saturday



Understanding WPC Excessive Rainfall Risk Categories

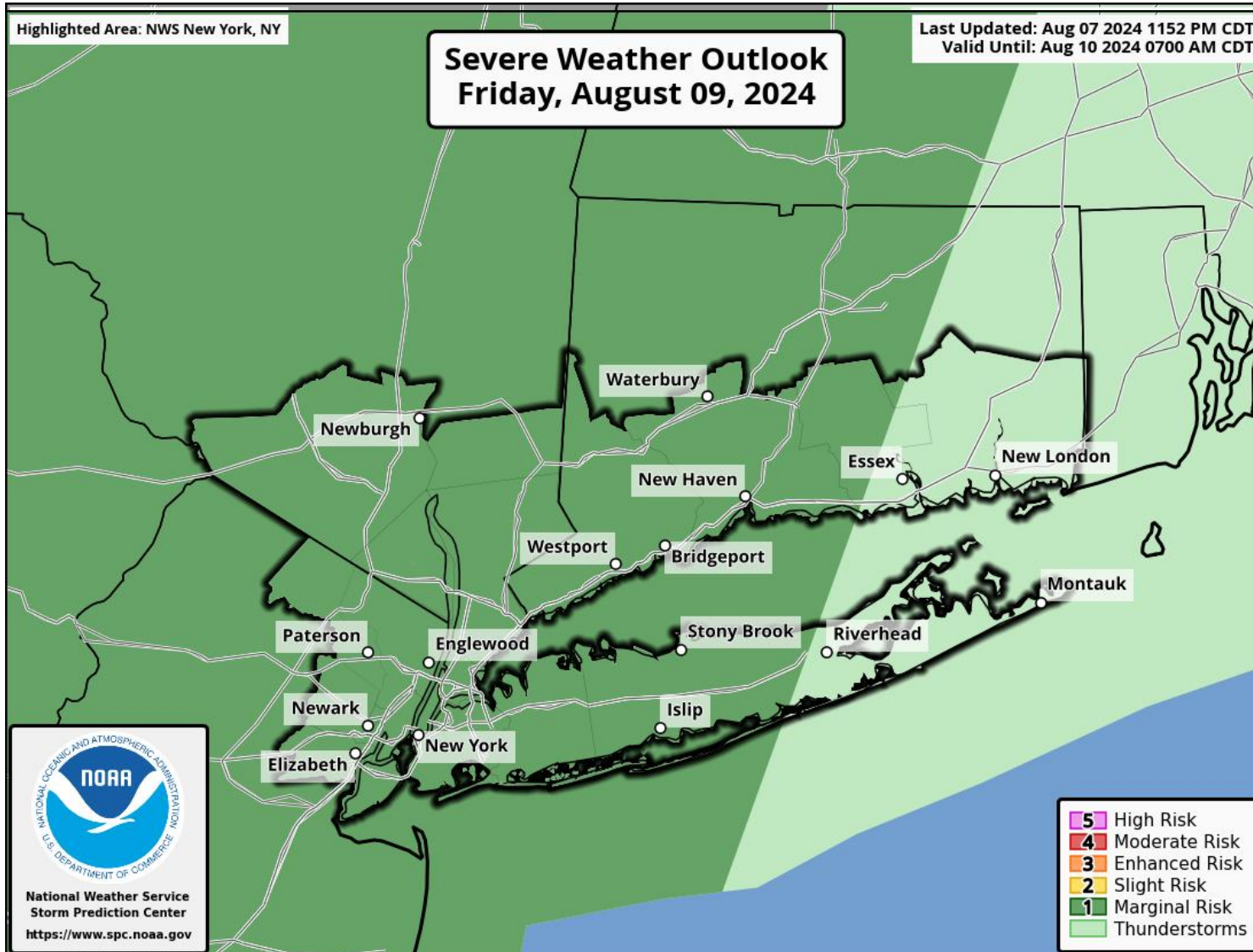
| No Area/Label | MARGINAL (MRGL) | SLIGHT (SLGT) | MODERATE (MDT) | HIGH (HIGH) |
|--|---|---|--|----------------------------------|
| Flash floods are generally not expected. | Isolated flash floods possible | Scattered flash floods possible | Numerous flash floods likely | Widespread flash floods expected |
| Localized and primarily affecting places that can experience rapid runoff with heavy rainfall. | Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible. | Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers. | Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger. | |
| Flash flooding near me? | Flash Flooding | Flash Flooding | Flash Flooding | Flash Flooding |
| NO Flash Flooding | | | | |
| WEATHER PREDICTION CENTER | | | | |



Severe Tstm Threat Friday Afternoon through Friday Night

August 8, 2024
6:07 AM

8AM Friday through 8AM Saturday



Understanding Severe Thunderstorm Outlook Categories

| LEVEL | CATEGORY | DETAILS | SUMMARY | How many severe storms are possible? | How bad could the worst storms be? | DEFINITIONS |
|----------|------------------------|--|--|--------------------------------------|--|---|
| | General Thunderstorm | Although severe weather is not expected, <i>all</i> thunderstorms can produce deadly lightning, gusty winds, and small hail. | No severe thunderstorms expected | None to Numerous | Similar to storms your area experiences many times per year | Severe Storm Any storm that contains at least one of the following: Wind gusts of at least 58 mph |
| 1 | Marginal (MRGL) | Some storms could be capable of damaging winds and severe hail. Localized tornado threat could develop. | Isolated severe storms possible | None to Numerous | Similar to storms your area may experience several times per year | Wind gusts of at least 58 mph |
| 2 | Slight (SLGT) | Increased confidence that some storms will contain damaging winds, severe hail, and/or tornado potential. <i>A few severe storms could be significant</i> | Isolated to scattered severe storms expected | None to Numerous | Similar to storms your area may experience a few times per year | Hail at least one inch in diameter Tornado |
| 3 | Enhanced (ENH) | High confidence that several storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms could be significant</i> | Scattered to numerous severe storms expected | None to Numerous | Similar to intense storms your area may only experience once or twice per year | Significant Severe Any of the following hazards: Wind gusts of at least 75 mph Hail at least two inches in diameter |
| 4 | Moderate (MDT) | High confidence that many storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms likely to be significant</i> | Scattered to numerous severe storms expected | None to Numerous | Similar to intense storms your area may only experience once per year or less | Hail at least two inches in diameter |
| 5 | High (HIGH) | High confidence that an outbreak of storms will contain tornadoes, damaging winds, and/or severe hail. <i>Tornado outbreak and/or widespread damaging winds</i> | Numerous severe storms expected | None to Numerous | Very intense storms your area may only experience once or twice in a lifetime | Tornado of at least EF-2 rating |