



2026 Gulfstreamer Weather Briefing



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<https://bit.ly/49biuaq> (This document)

<https://www.regattanetwork.com/event/30829>



The GulfStreamer Race: A Race Too Intense To Hold Every Year...

The GulfStreamer Race: A Race Too Intense To **Forecast Every Year...**

Tide Predictions

Ponce de Leon Inlet, FL

29.0633° N, 80.9150° W

Date	Time	Height/Event
2026-05-22	8:08 AM EDT	-0.08 feet Low Tide
2026-05-22	12:26 PM EDT	Moonrise
2026-05-22	2:13 PM EDT	2.72 feet High Tide
2026-05-22	8:12 PM EDT	0.01 feet Low Tide
2026-05-22	8:12 PM EDT	Sunset
2026-05-23	1:53 AM EDT	Moonset
2026-05-23	2:37 AM EDT	3.09 feet High Tide
2026-05-23	6:27 AM EDT	Sunrise
2026-05-23	7:12 AM EDT	First Quarter
2026-05-23	9:01 AM EDT	-0.08 feet Low Tide
2026-05-23	1:28 PM EDT	Moonrise
2026-05-23	3:16 PM EDT	2.79 feet High Tide
2026-05-23	8:13 PM EDT	Sunset
2026-05-23	9:16 PM EDT	0.12 feet Low Tide
2026-05-24	2:24 AM EDT	Moonset
2026-05-24	3:36 AM EDT	2.86 feet High Tide
2026-05-24	6:27 AM EDT	Sunrise
2026-05-24	9:51 AM EDT	-0.08 feet Low Tide
2026-05-24	2:26 PM EDT	Moonrise
2026-05-24	4:17 PM EDT	2.90 feet High Tide
2026-05-24	8:13 PM EDT	Sunset
2026-05-24	10:19 PM EDT	0.20 feet Low Tide
2026-05-25	2:53 AM EDT	Moonset
2026-05-25	4:33 AM EDT	2.68 feet High Tide
2026-05-25	6:27 AM EDT	Sunrise
2026-05-25	10:38 AM EDT	-0.07 feet Low Tide
2026-05-25	3:23 PM EDT	Moonrise
2026-05-25	5:13 PM EDT	3.02 feet High Tide
2026-05-25	8:14 PM EDT	Sunset
2026-05-25	11:19 PM EDT	0.25 feet Low Tide
2026-05-26	3:21 AM EDT	Moonset
2026-05-26	5:25 AM EDT	2.53 feet High Tide
2026-05-26	6:26 AM EDT	Sunrise

Fort Sumter, Charleston, SC

32.7533° N, 79.8767° W

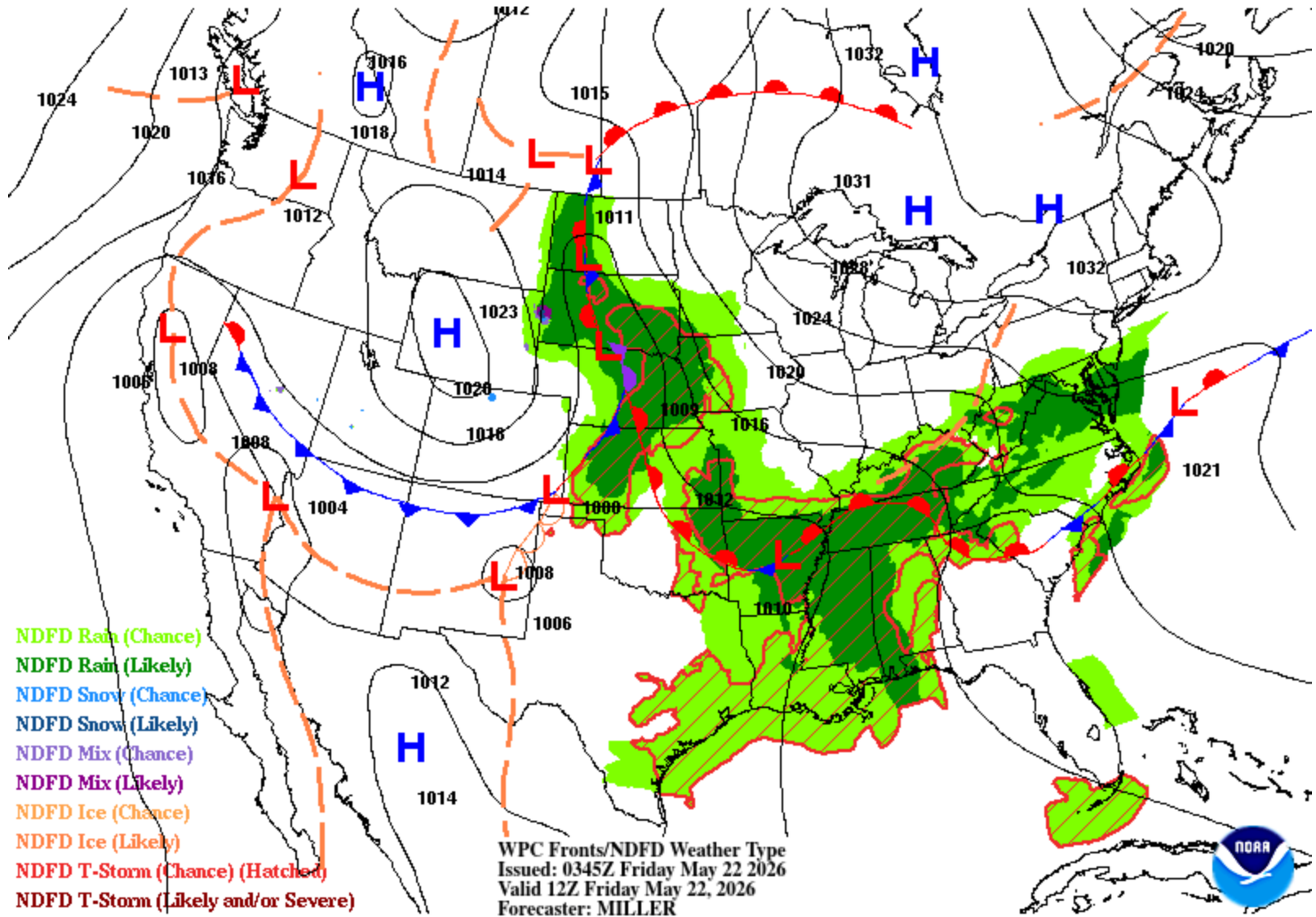
Date	Time	Height/Event
2026-05-22	12:16 PM EDT	Moonrise
2026-05-22	2:01 PM EDT	4.84 feet High Tide
2026-05-22	7:50 PM EDT	0.29 feet Low Tide
2026-05-22	8:16 PM EDT	Sunset
2026-05-23	1:53 AM EDT	Moonset
2026-05-23	2:17 AM EDT	5.38 feet High Tide
2026-05-23	6:15 AM EDT	Sunrise
2026-05-23	7:12 AM EDT	First Quarter
2026-05-23	8:38 AM EDT	0.18 feet Low Tide
2026-05-23	1:20 PM EDT	Moonrise
2026-05-23	3:02 PM EDT	4.95 feet High Tide
2026-05-23	8:17 PM EDT	Sunset
2026-05-23	8:55 PM EDT	0.42 feet Low Tide
2026-05-24	2:22 AM EDT	Moonset
2026-05-24	3:12 AM EDT	5.14 feet High Tide
2026-05-24	6:15 AM EDT	Sunrise
2026-05-24	9:32 AM EDT	0.18 feet Low Tide
2026-05-24	2:21 PM EDT	Moonrise
2026-05-24	3:59 PM EDT	5.11 feet High Tide
2026-05-24	8:17 PM EDT	Sunset
2026-05-24	9:58 PM EDT	0.46 feet Low Tide
2026-05-25	2:49 AM EDT	Moonset
2026-05-25	4:05 AM EDT	4.93 feet High Tide
2026-05-25	6:14 AM EDT	Sunrise
2026-05-25	10:23 AM EDT	0.16 feet Low Tide
2026-05-25	3:20 PM EDT	Moonrise
2026-05-25	4:53 PM EDT	5.29 feet High Tide
2026-05-25	8:18 PM EDT	Sunset
2026-05-25	10:55 PM EDT	0.45 feet Low Tide
2026-05-26	3:15 AM EDT	Moonset
2026-05-26	4:56 AM EDT	4.78 feet High Tide
2026-05-26	6:14 AM EDT	Sunrise

Synopsis

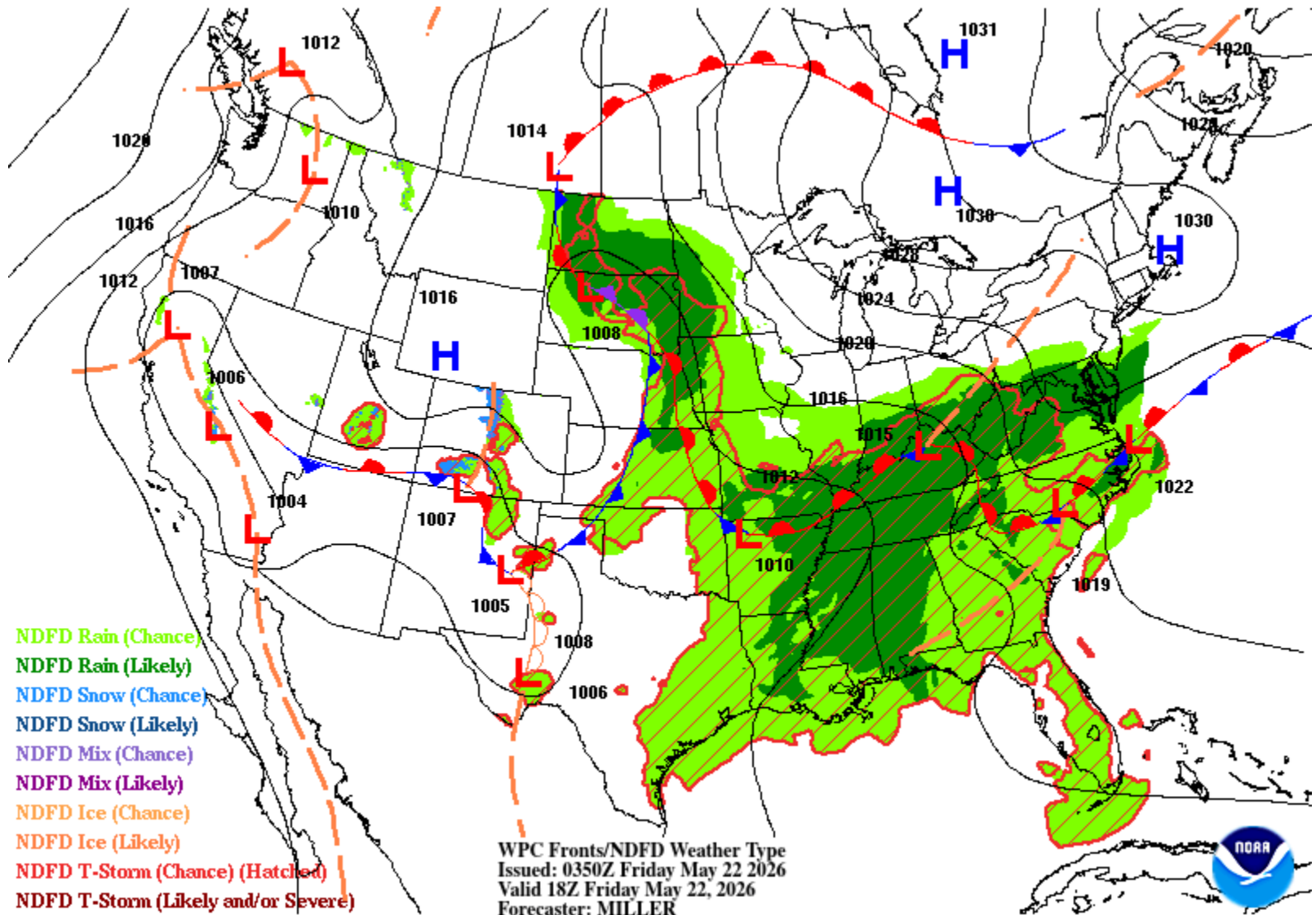
The Bermuda High is expected to stay dominant across the Western Atlantic, though a developing trough over the SE will cause the winds to veer during the race period.

Greatest forecast uncertainty is associated with the weak frontal boundary's influence, especially as you approach Charleston.

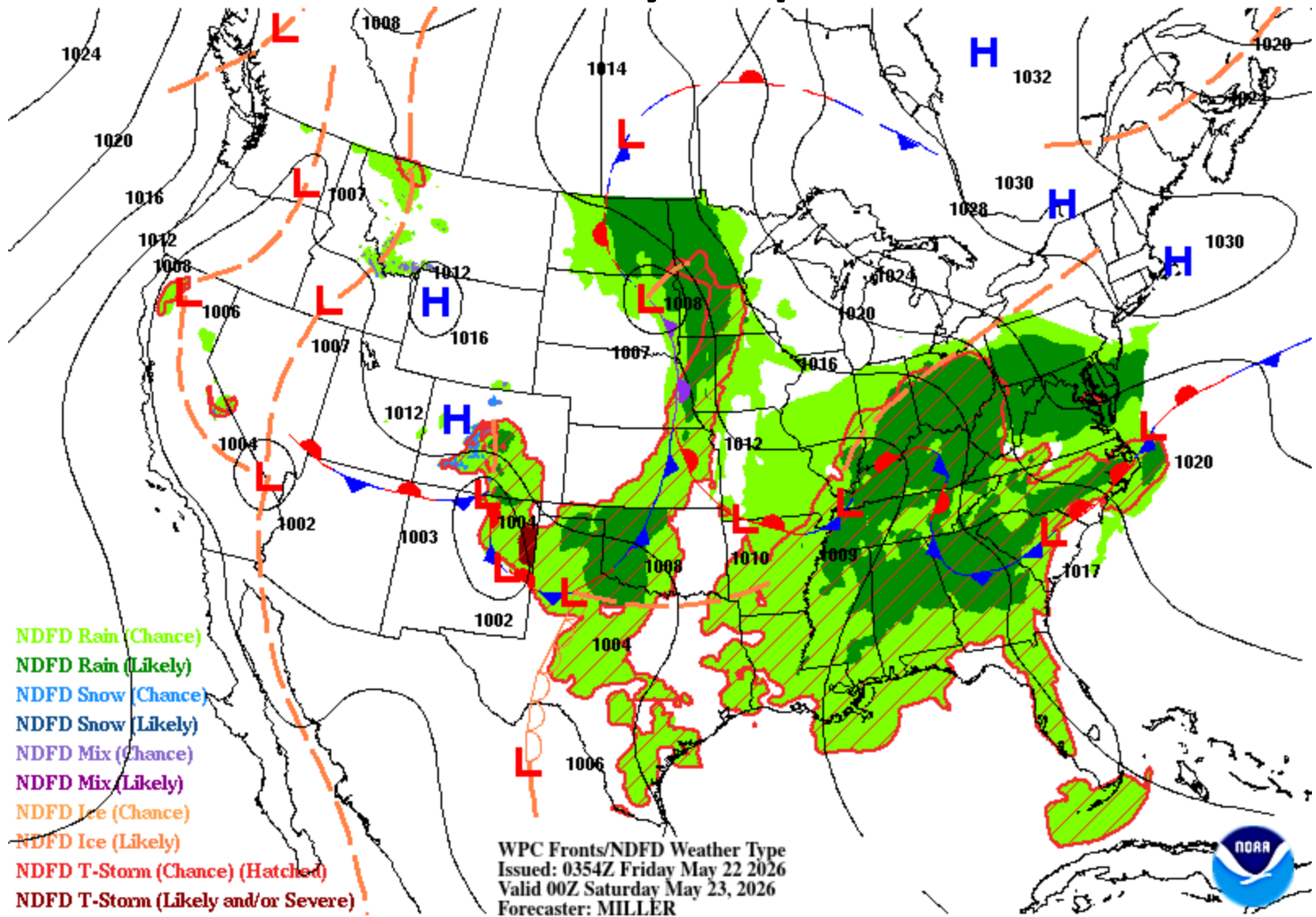
Valid Friday 8 am EDT



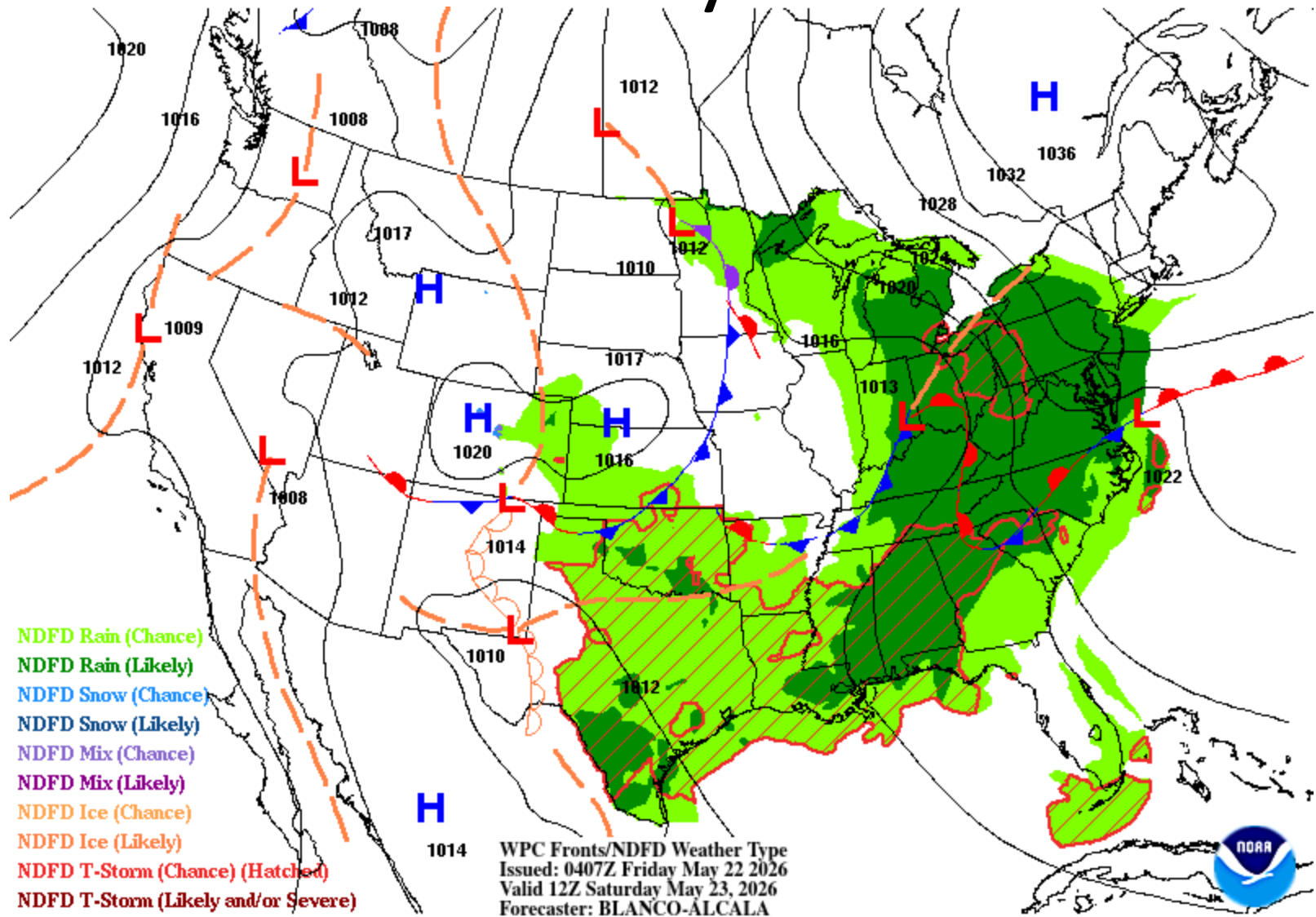
Valid Friday 2 pm EDT



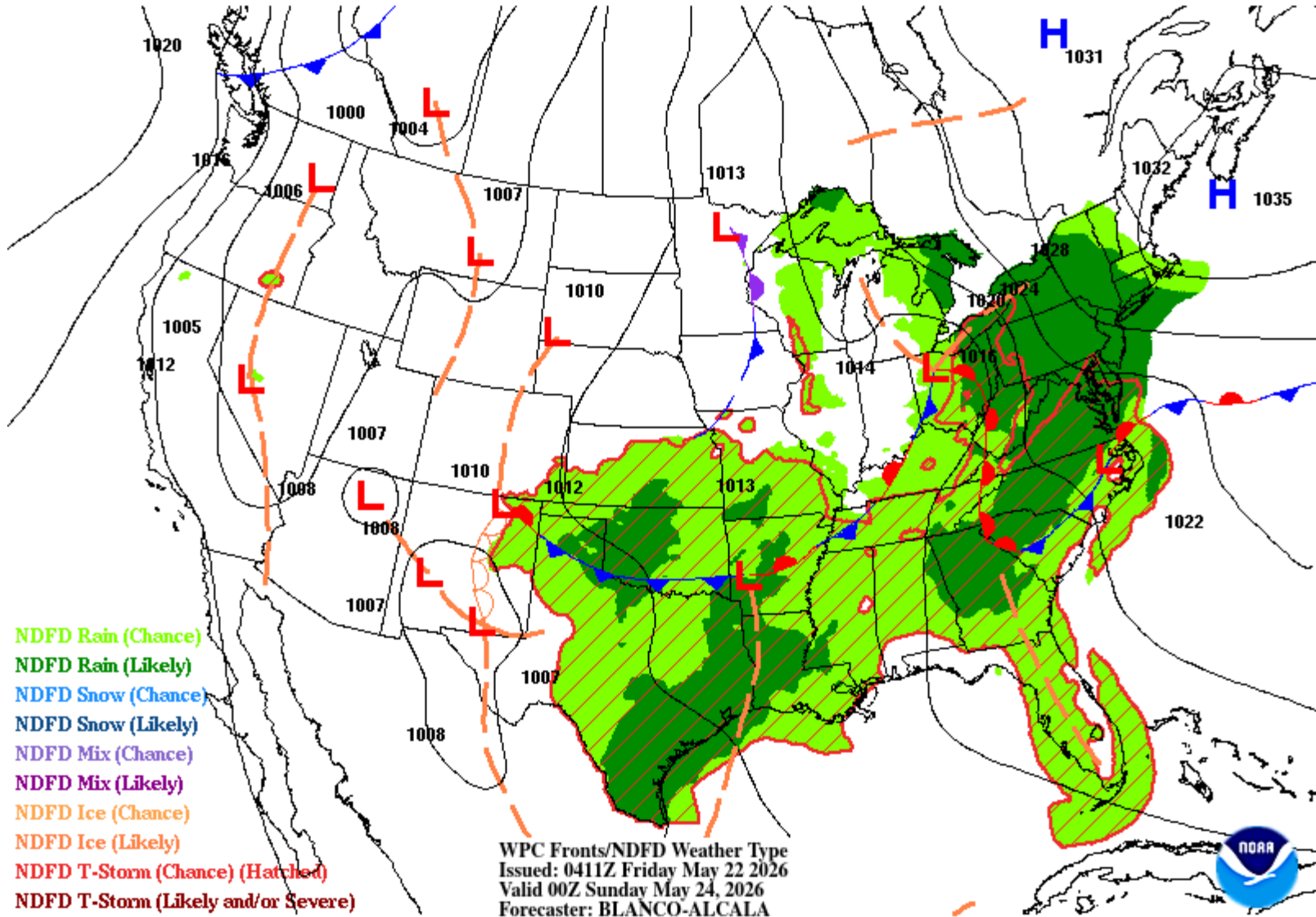
Valid Friday 8 pm EDT



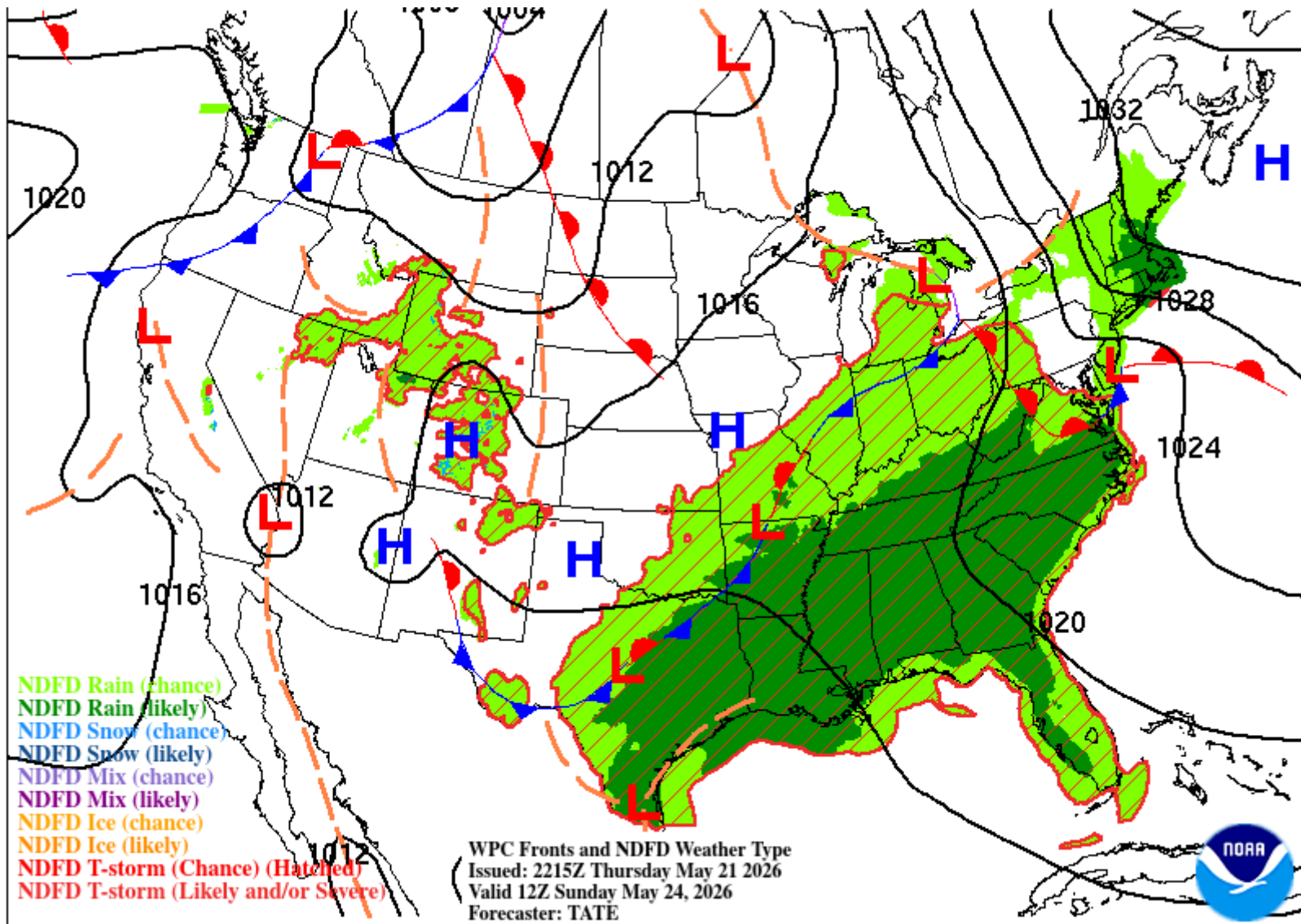
Valid Saturday 8 am EDT



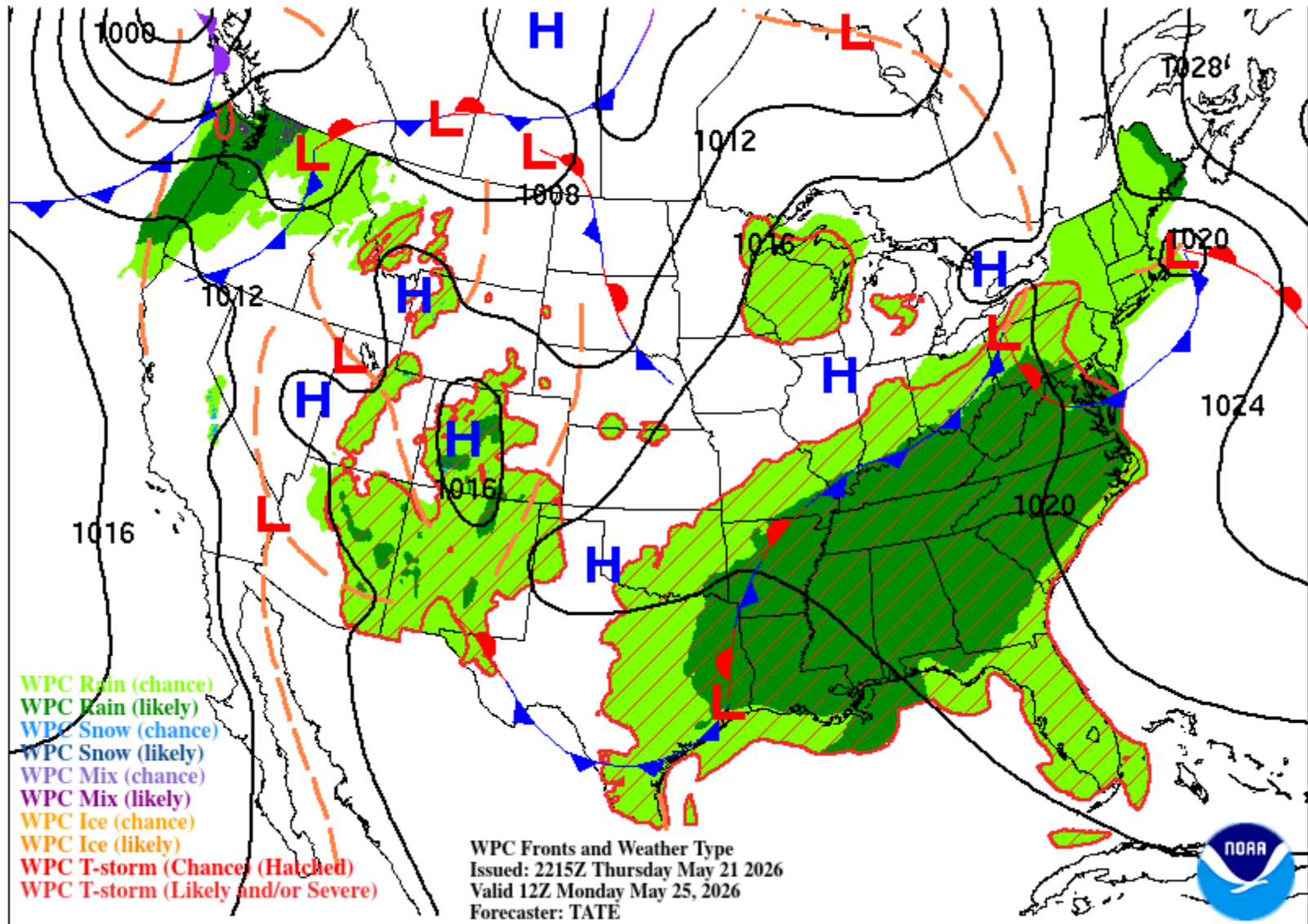
Valid Saturday 8 pm EDT



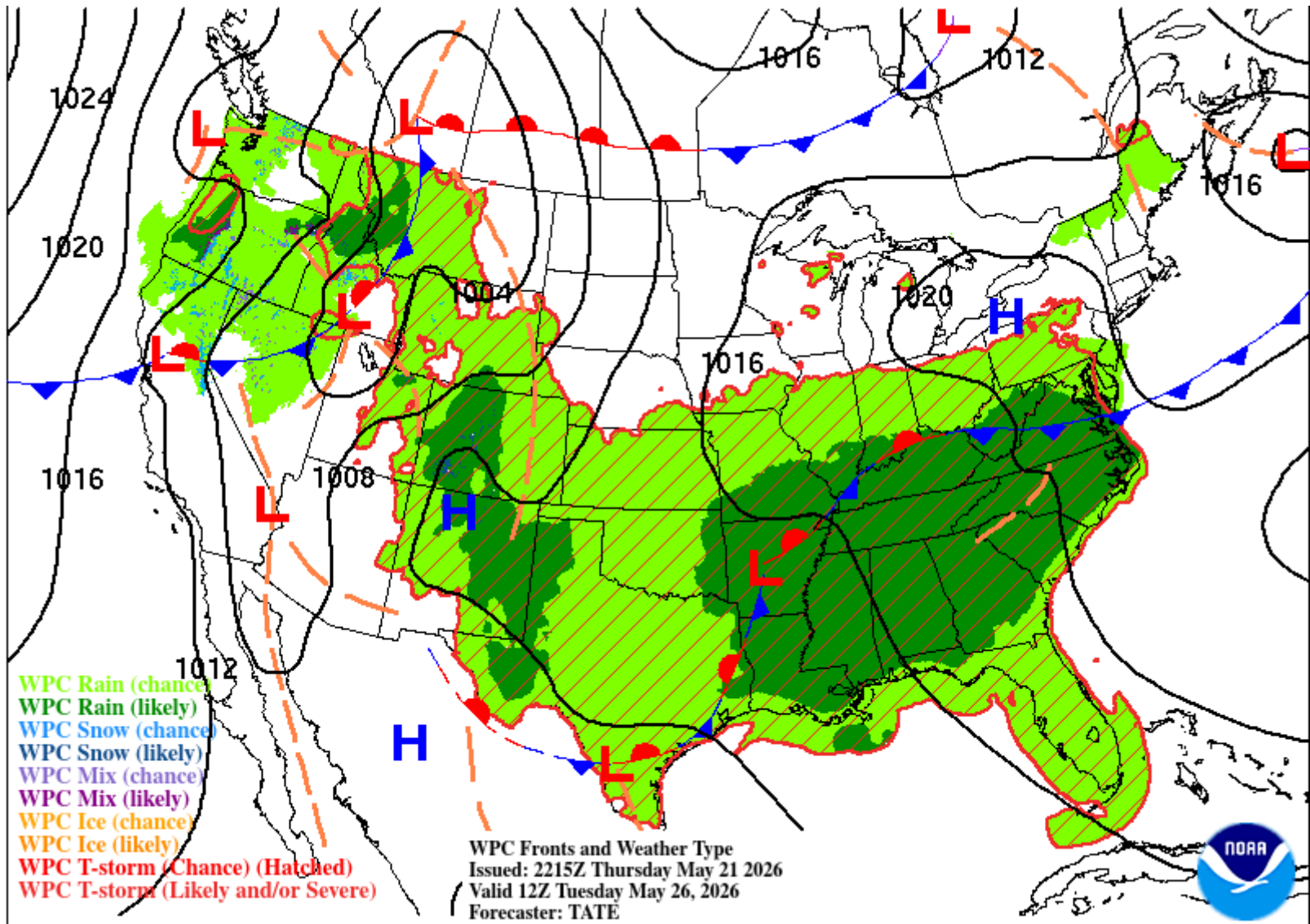
Valid Sunday 8 am EDT



Valid Monday 8 am EDT



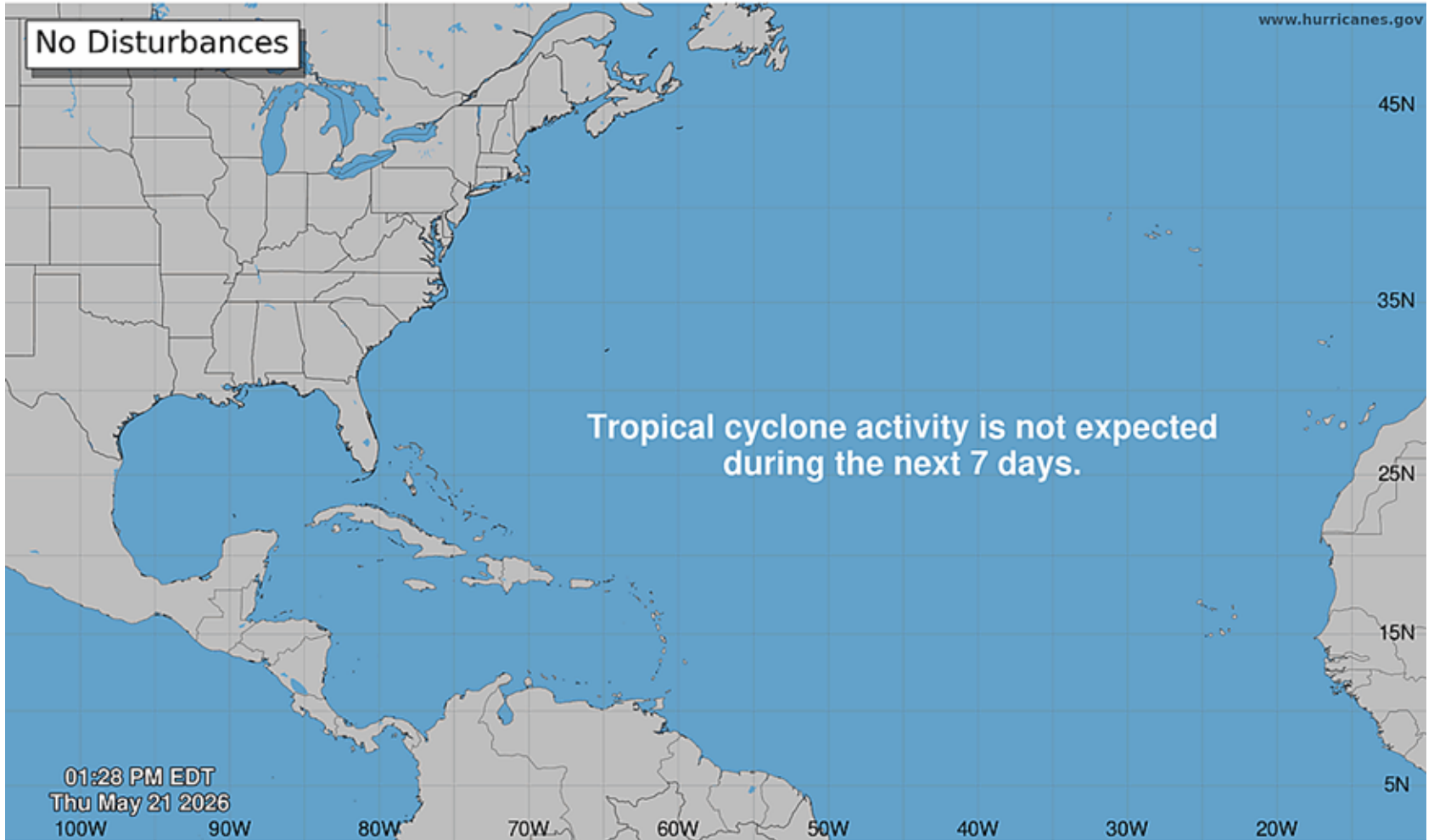
Valid Tuesday 8 am EDT



What does the NHC have to say?



Seven-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



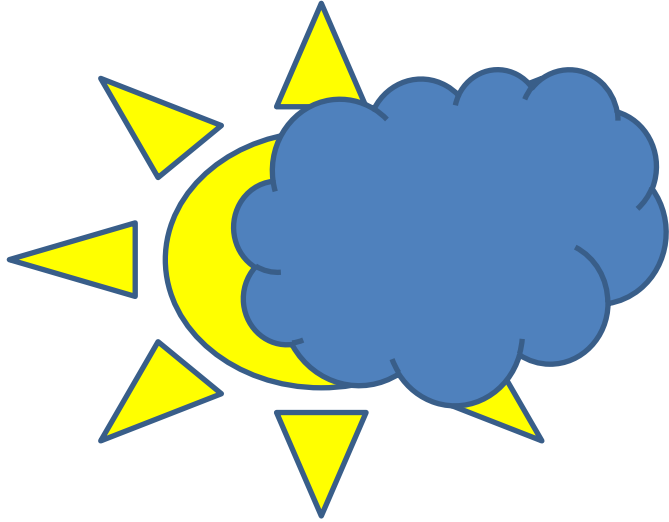
7-Day Cyclone Formation Chance and Area: < 40% 40-60% > 60%

Development not expected

Tropical or Subtropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants

Wind Forecast



How much will we get?

10-15 kt (true)

How might it vary?

Let's look!

What about waves?

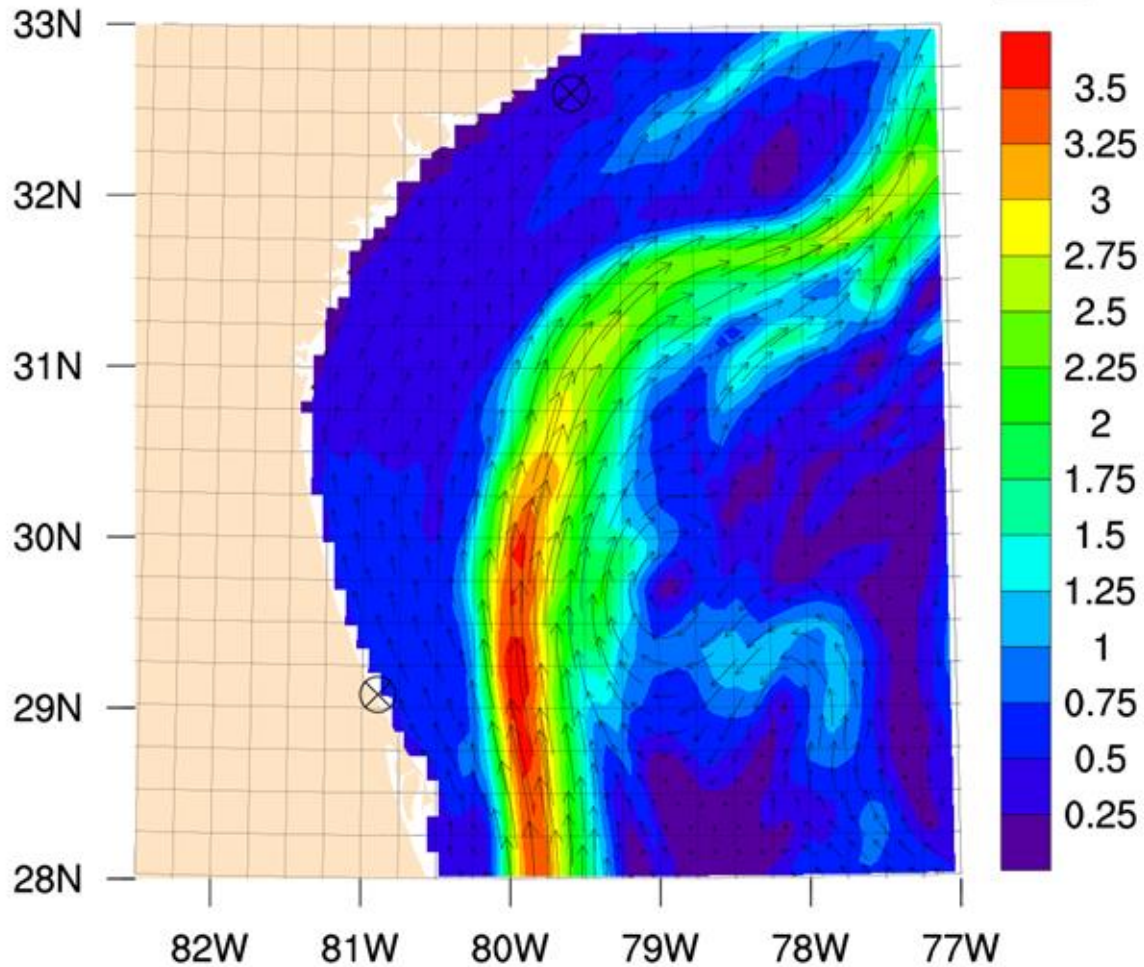
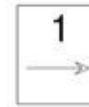
3-4 ft from S/SE

Wind Forecast – 3km NAM

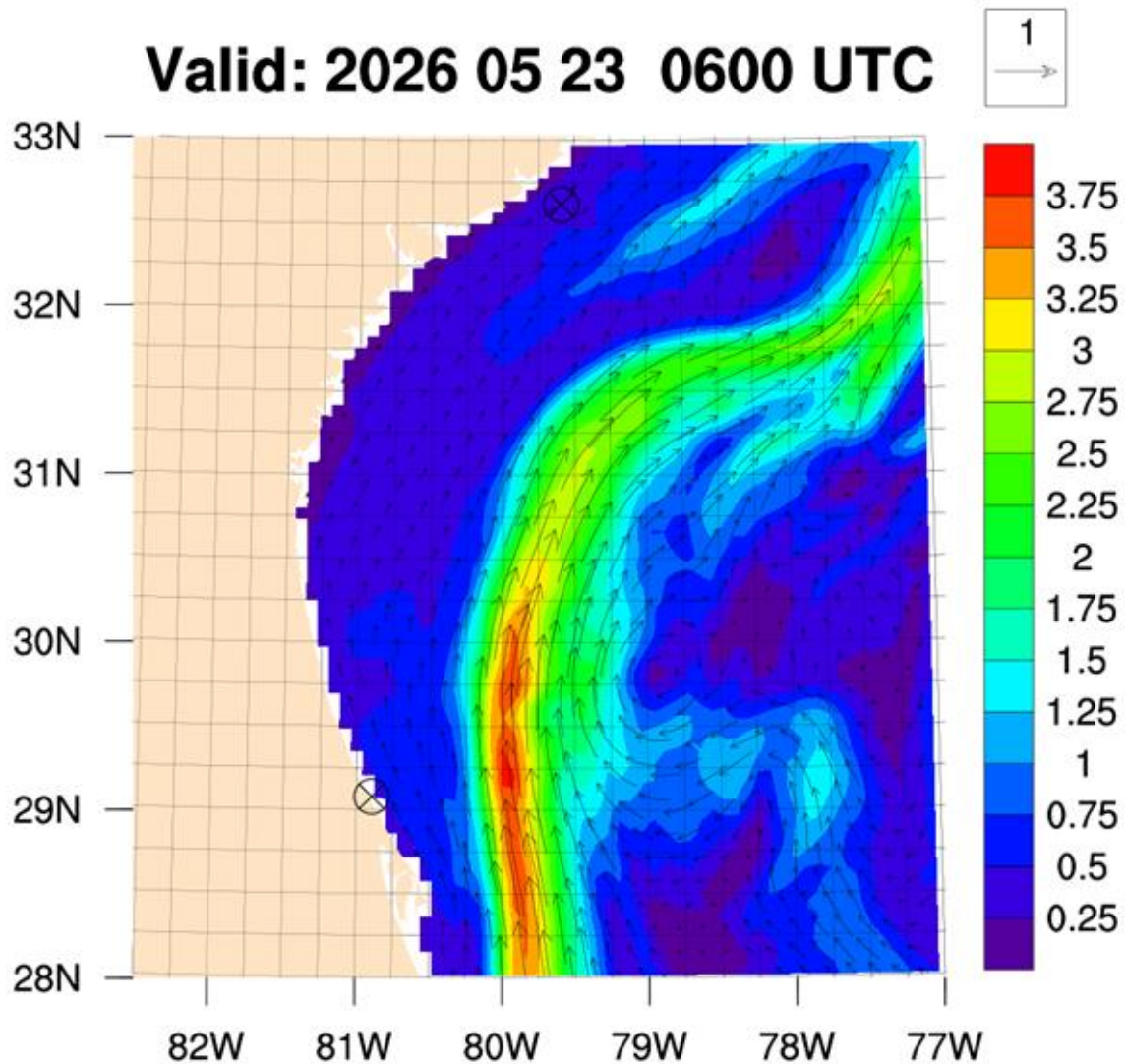
- This forecast is from the 0600 UTC Fri model run.
- Data are shown every hour.
- EDT is four hours earlier than UTC
 - 0600 => 2 am, 1200 => 8 am, 1800 => 2 pm, 0000 => 8 pm
- Links to forecast data
 - NAM HiRes 3km - NOAA MAG site: <https://mag.ncep.noaa.gov/model-guidance-model-parameter.php?group=Model%20Guidance&model=NAM-HIRES&area=US-SE&ps=area#>
 - NAM HiRes 3km - TropicalTidbits: https://www.tropicaltidbits.com/analysis/models/?model=nam3km®ion=seus&pkg=ref_frzn

Gulf Stream 8 pm Friday

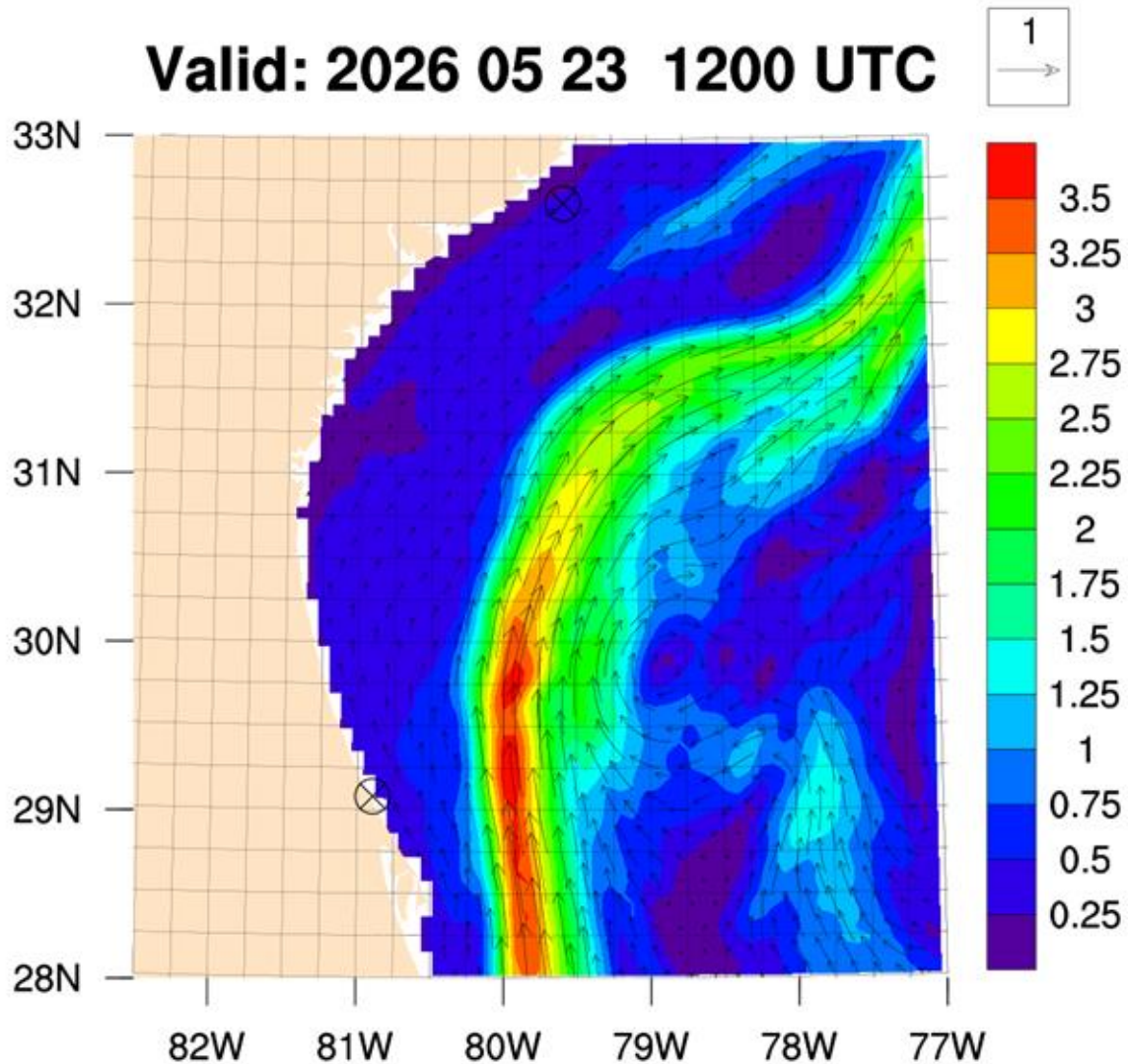
Valid: 2026 05 23 0000 UTC



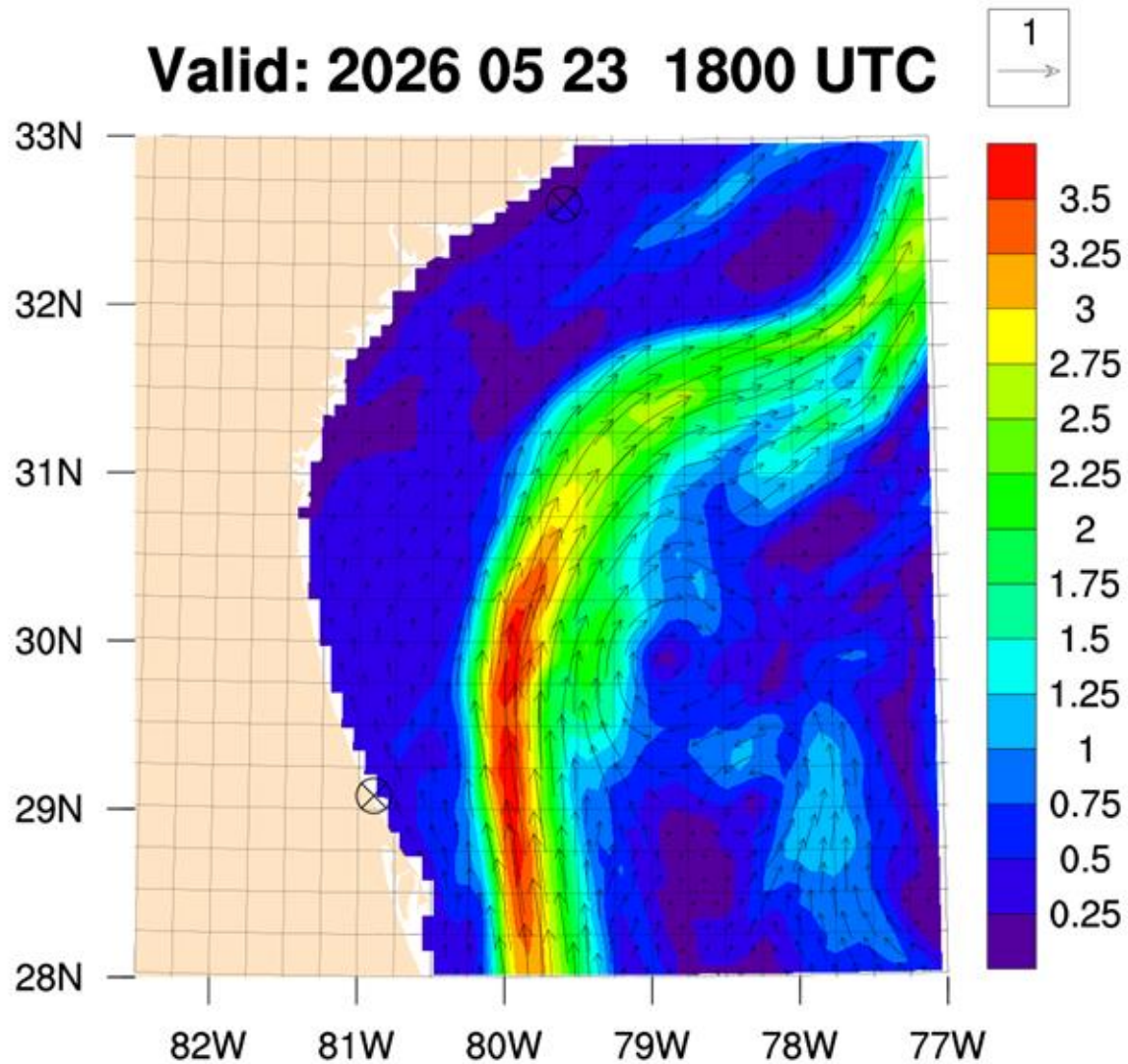
Gulf Stream 2 am Saturday



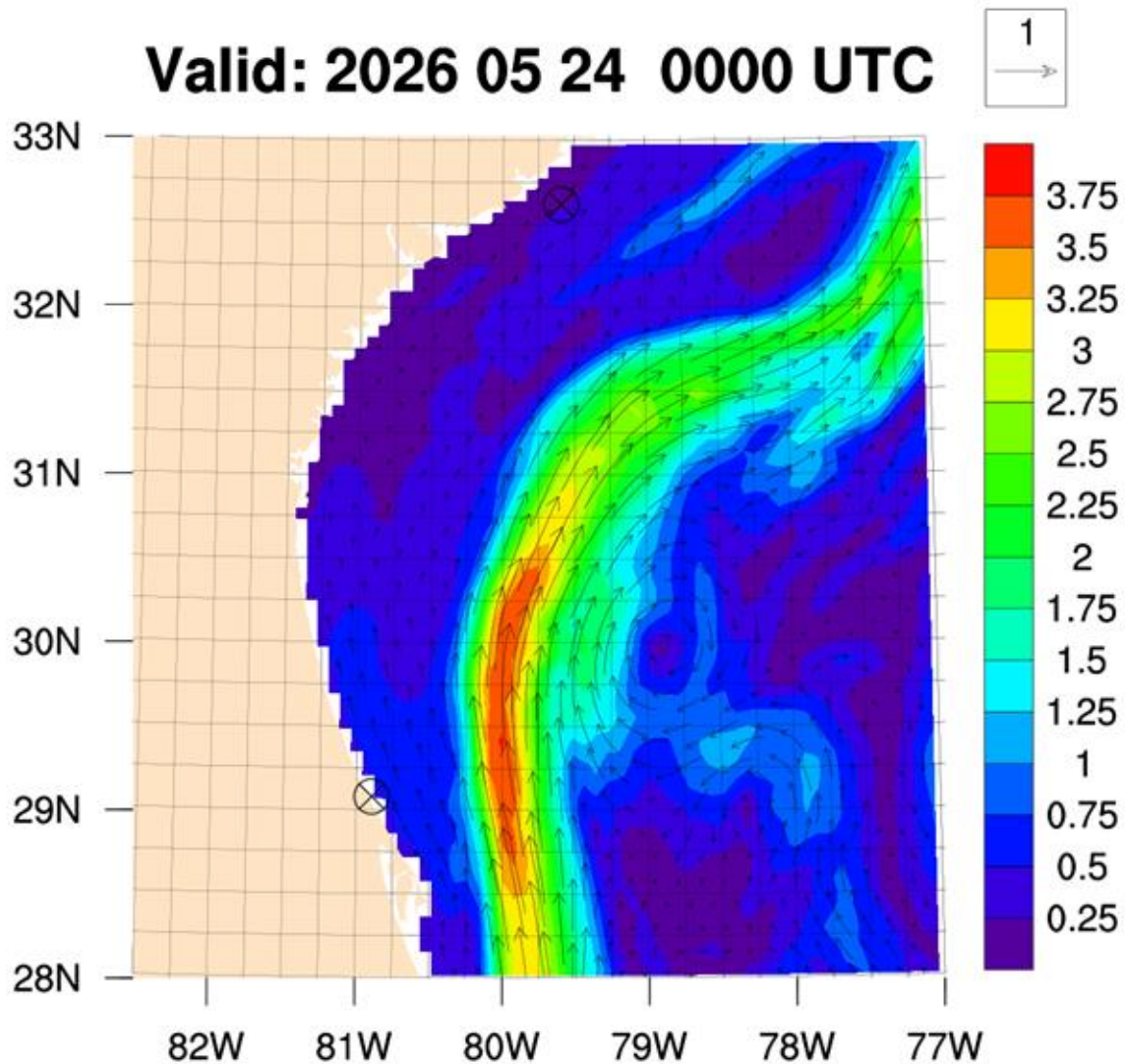
Gulf Stream 8 am Saturday



Gulf Stream 2 pm Saturday



Gulf Stream 8 pm Saturday



Useful links

- Satellite images:

http://wx.erau.edu/get_loop.php?cnt=15&dir=sat_erau/VISFOG2/TPA
http://wx.erau.edu/get_loop.php?cnt=15&dir=sat_erau/VISFOG4/EUSA

- RTOFS loop:

https://wx.erau.edu/get_loop.php?cnt=51&dir=demo/Ocean/GSRace/Speed&home=herbster&refresh=0

- National Hurricane Center: <http://www.nhc.noaa.gov/>

- Weather Prediction Center for National Maps

<http://www.wpc.ncep.noaa.gov/#page=frt>

- NWS MLB: <https://www.weather.gov/mlb/> (CWF) (Coastal waters and offshore zones)

- NWS JAX: <https://www.weather.gov/jax/> (CWF)

- NWS CHS: <https://www.weather.gov/chs/> (CWF)

- NOAA Tide Predictions:

https://tidesandcurrents.noaa.gov/tide_predictions.html (Ponce Inlet) (Ft. Sumter)