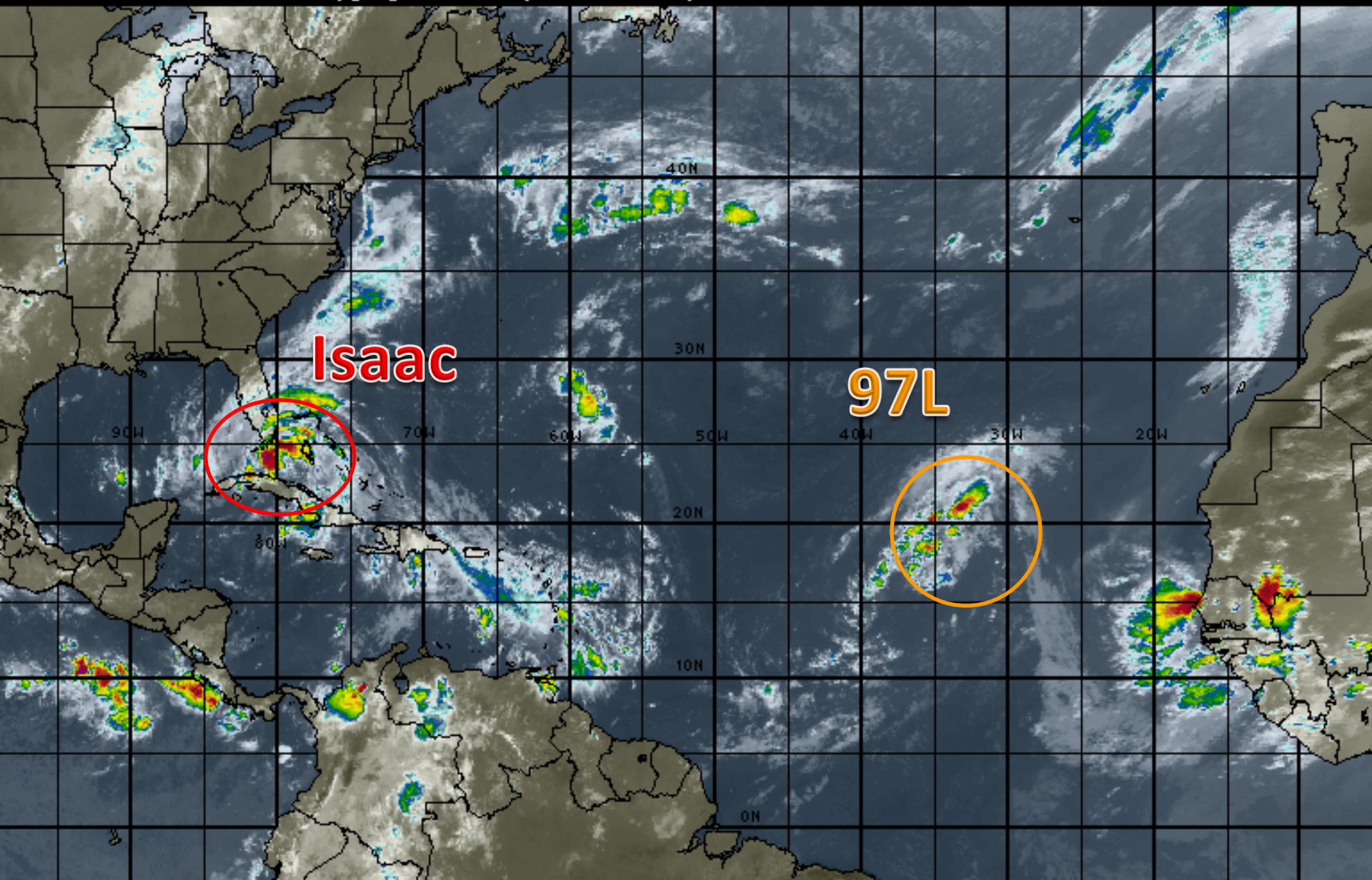


Atlantic Basin Satellite Image

15:00 26-AUG-2012 GMT ©Copyright WSI Corporation <http://www.wsi.com>



Tropical Storm Isaac

2 PM EDT Sun Aug 26 2012

Position 23.9°N 81.5°W

Maximum Winds 60 mph

Gusts 75 mph

Movement WNW at 18 mph

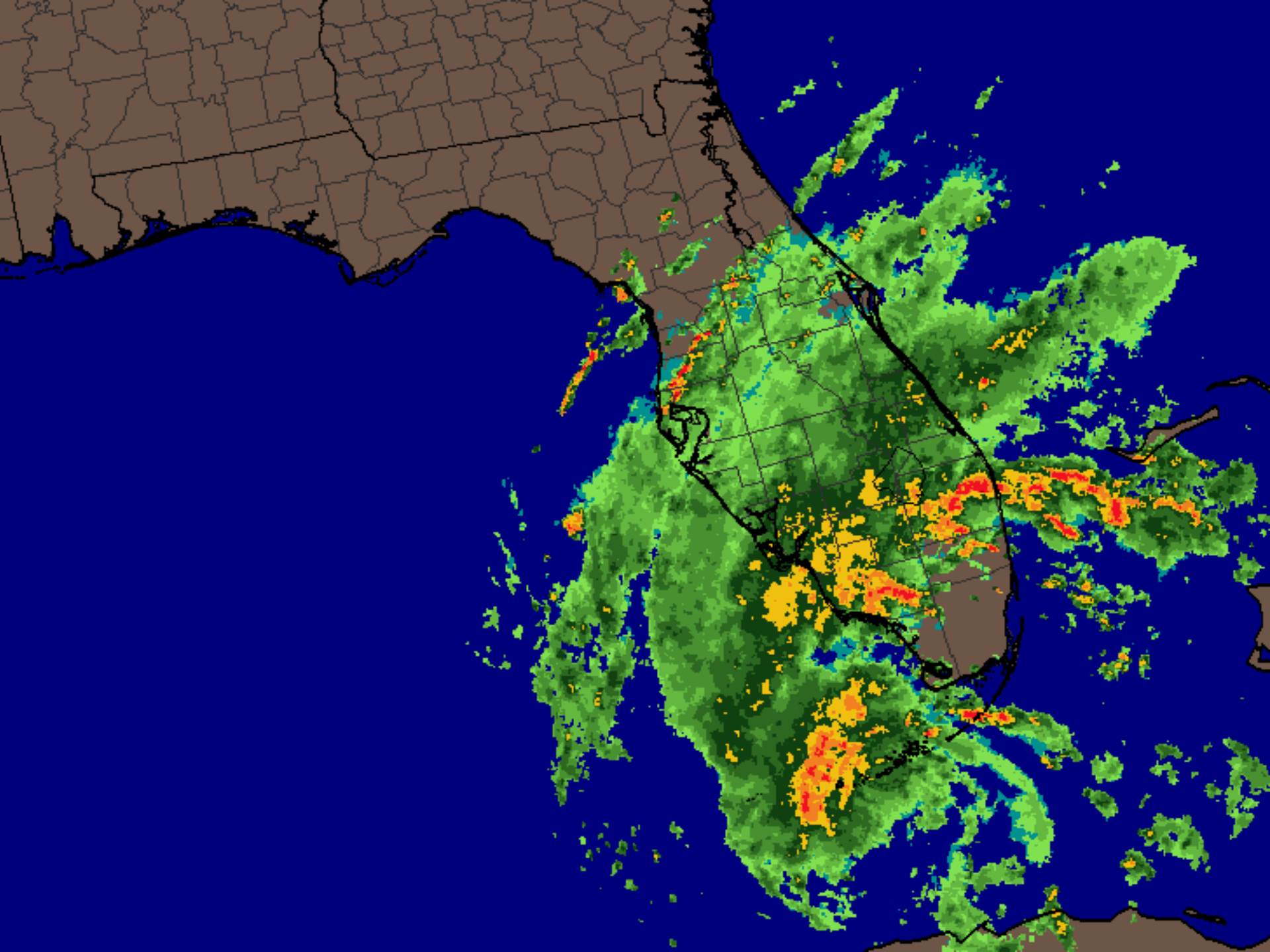
Minimum Pressure 994 mb (29.34 inches)

Blue Marble basemap imagery courtesy NASA

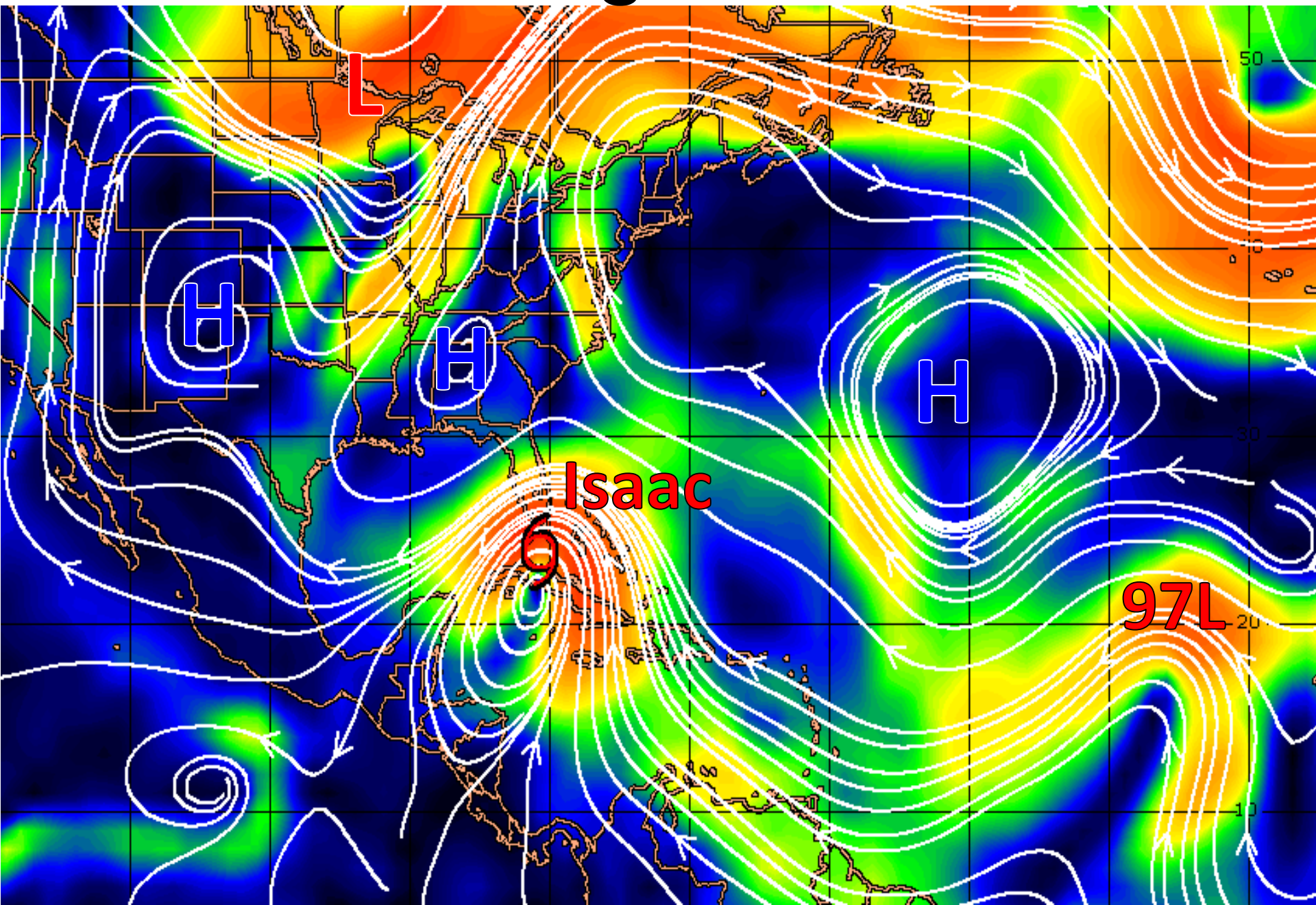
Satellite 6:14 PM UTC
2:14 PM EDT



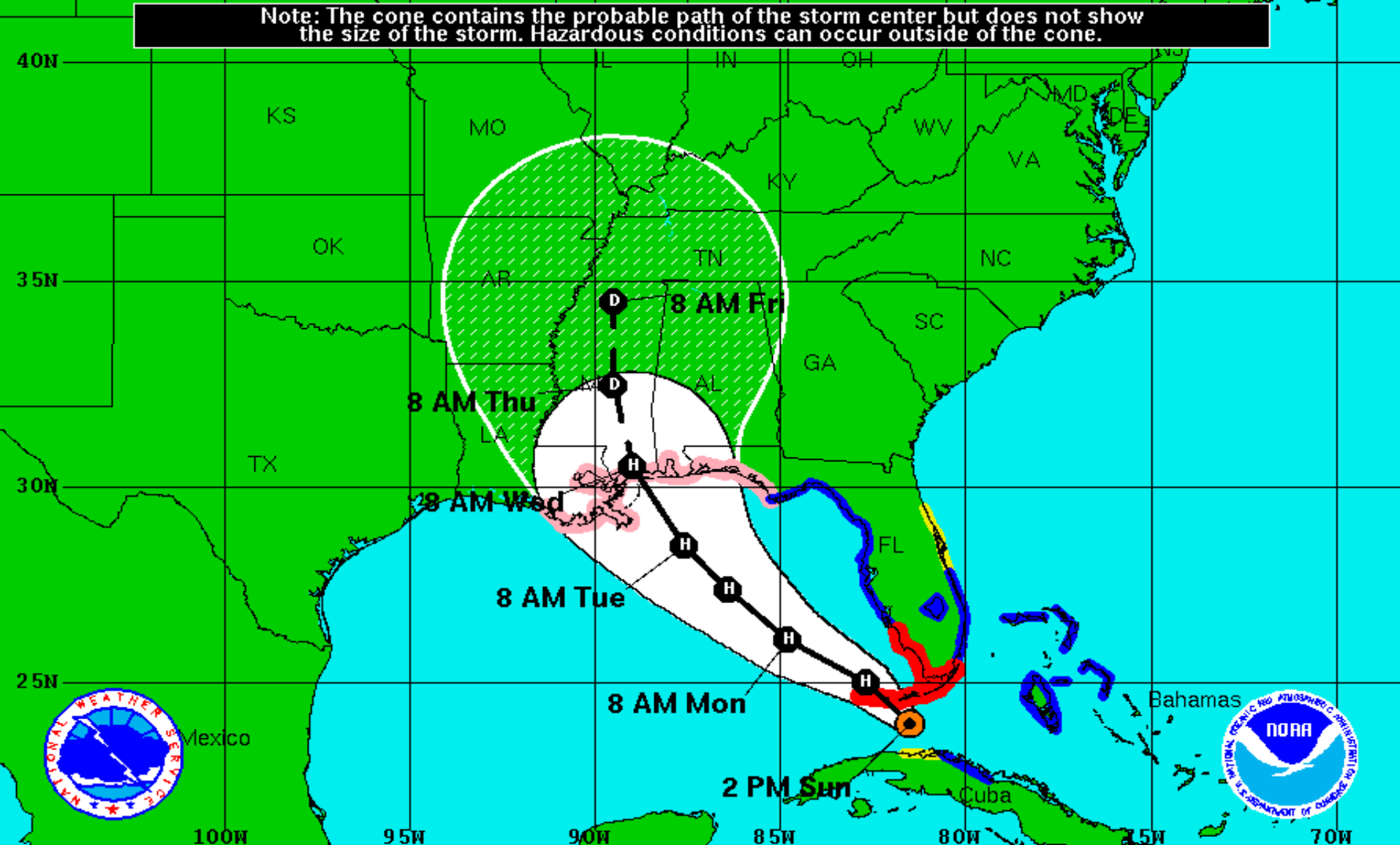
wunderground.com



Steering Currents



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



Tropical Storm Isaac

Sunday August 26, 2012

2 PM EDT Intermediate Advisory 22A

NWS National Hurricane Center

Current Information:

Center Location 23.9 N 81.5 W

Max Sustained Wind 60 mph

Movement WNW at 18 mph

Forecast Positions:

● Tropical Cyclone ○ Post-Tropical

Sustained Winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

Day 1-3 Day 4-5

Watches:

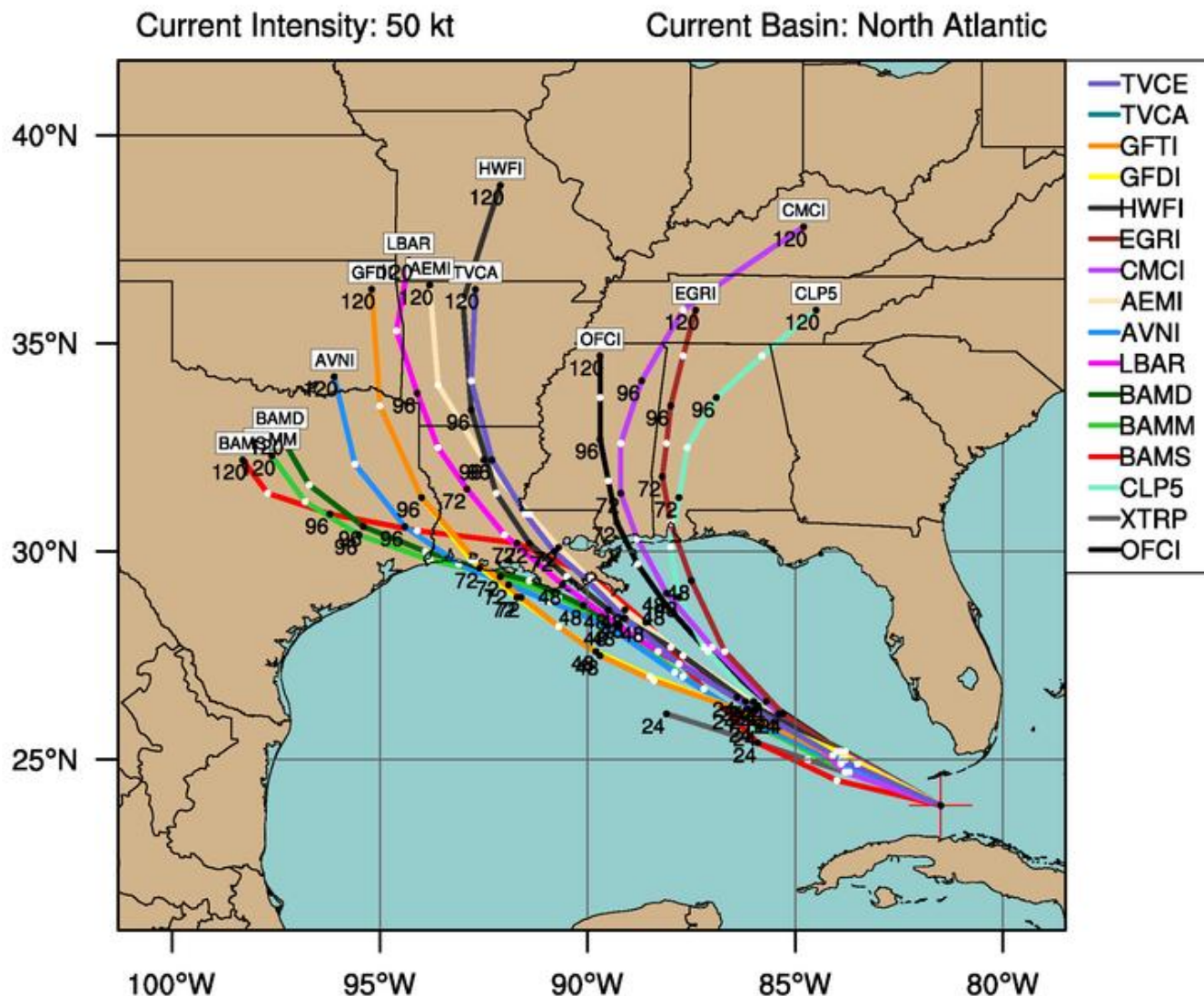
Hurricane Trop.Storm

Warnings:

Hurricane Trop.Storm

TROPICAL STORM ISAAC (AL09)

Early-cycle track guidance initialized at 1800 UTC, 26 August 2012



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Plot generated at 1852 UTC 26 August 2012

Tropical Storm Isaac

2 PM EDT Sun Aug 26 2012

Models: Points 12 hours apart

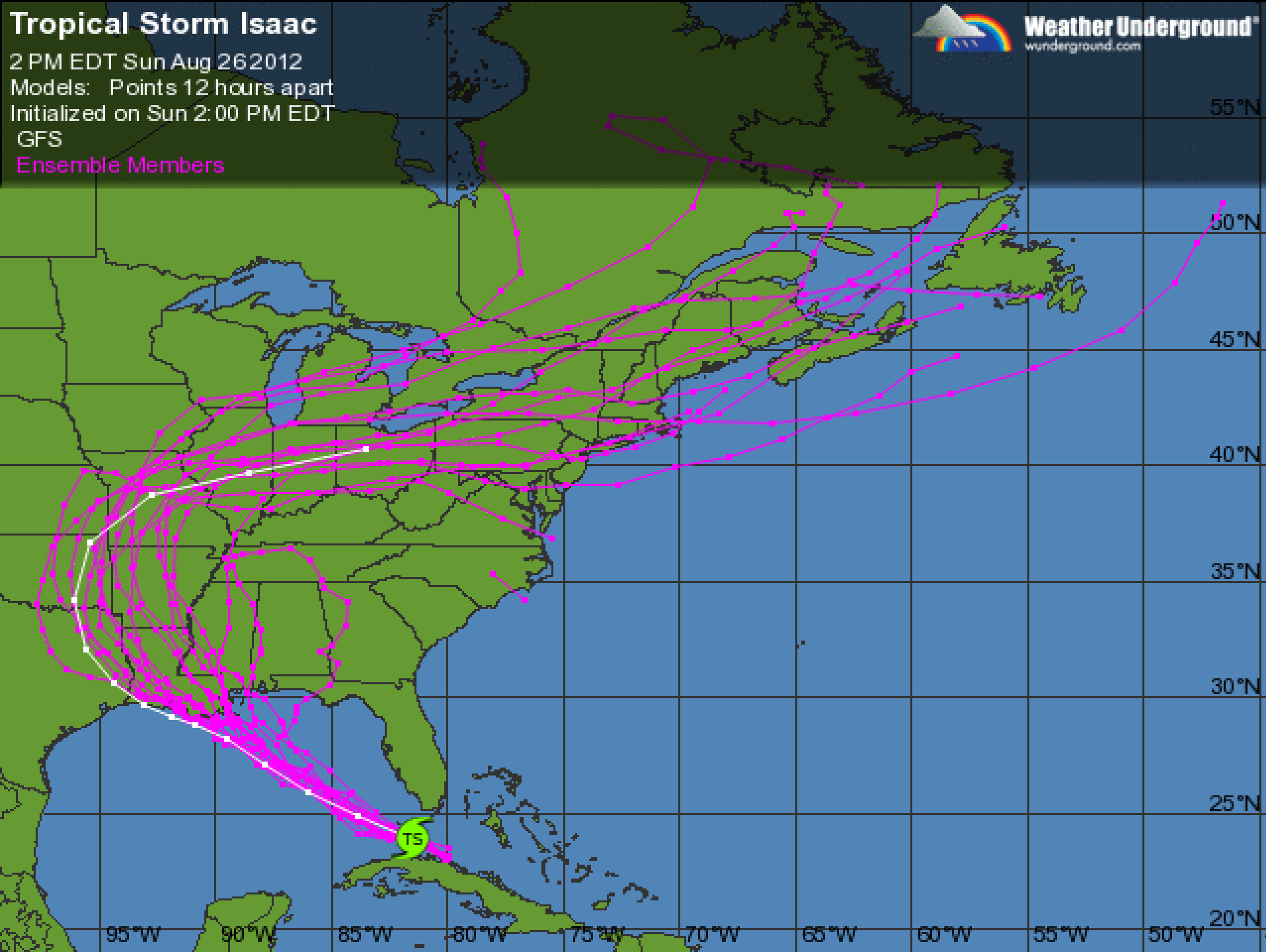
Initialized on Sun 2:00 PM EDT

GFS

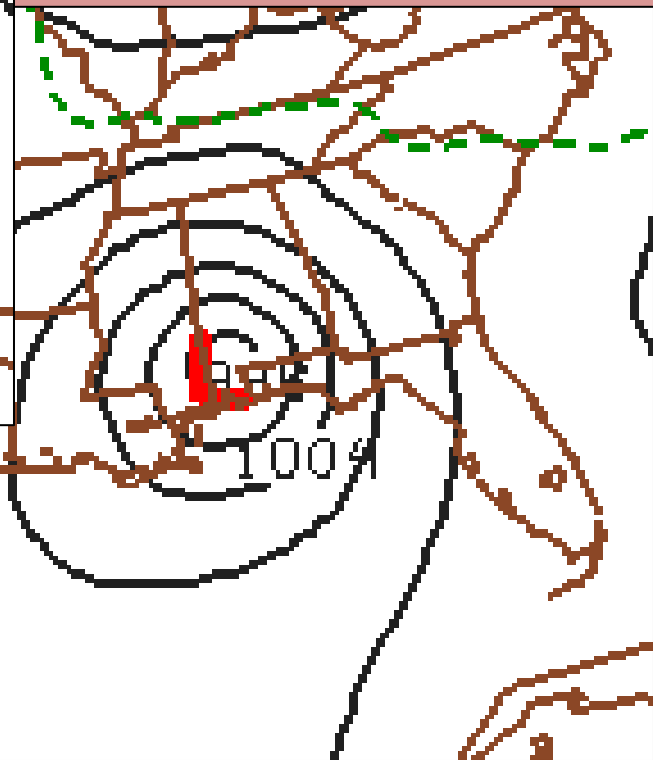
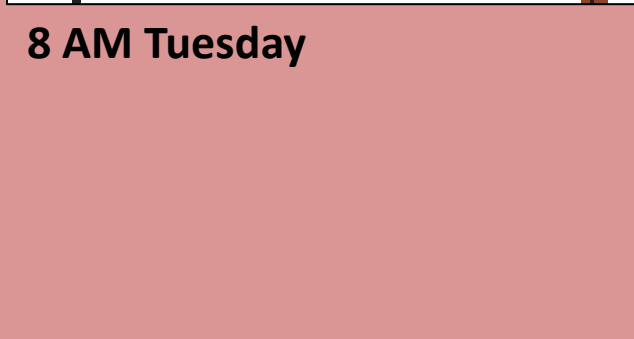
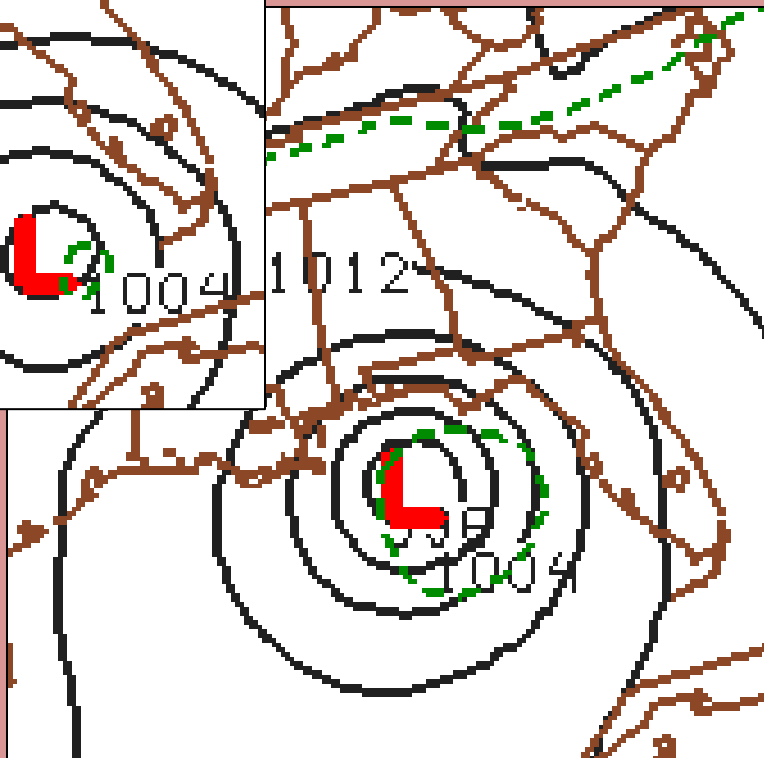
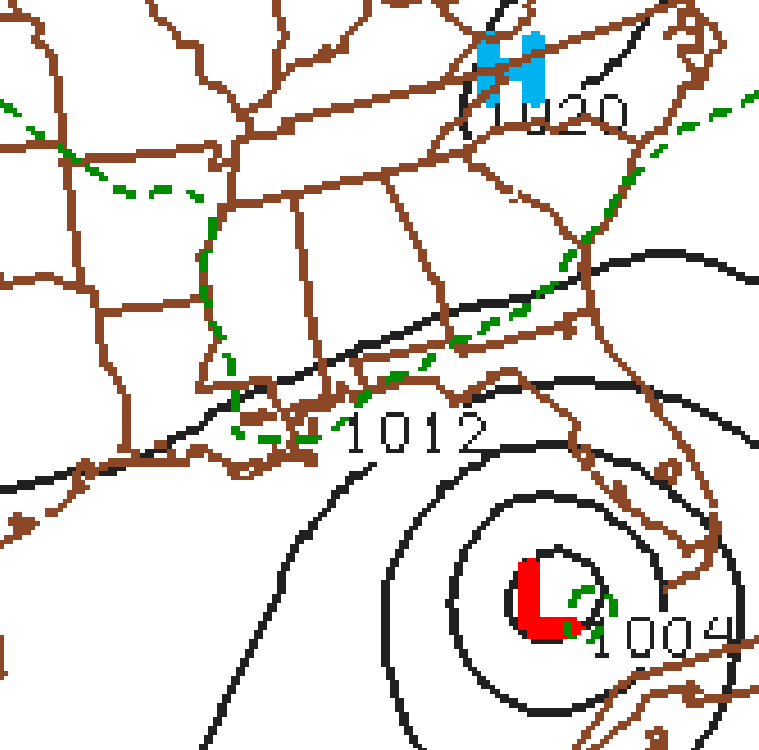
Ensemble Members



Weather Underground®
wunderground.com



European Model

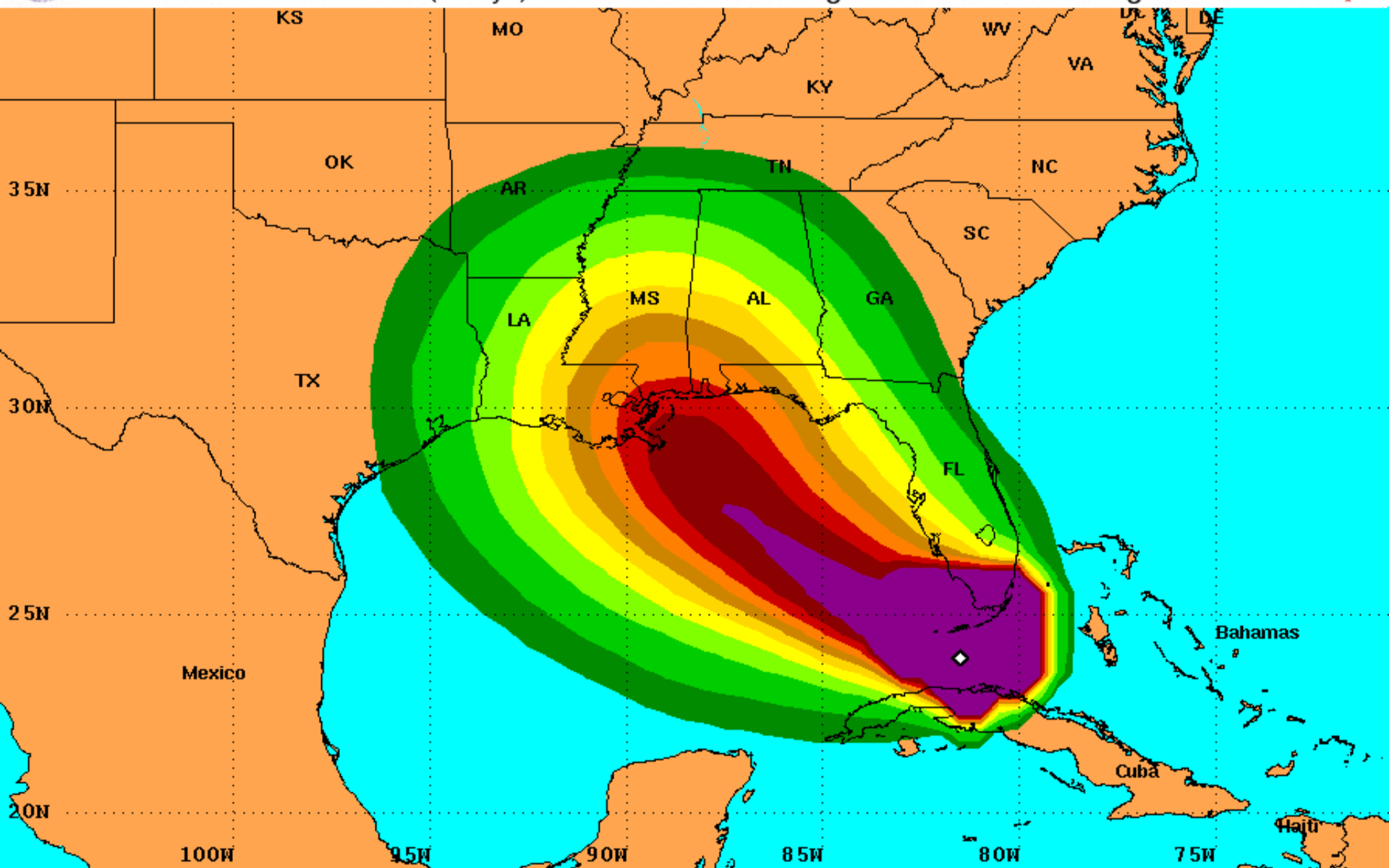


8 AM Wednesday





PRELIMINARY (SINGLE STORM) Tropical Storm Force Wind Speed Probabilities For the 120 hours (5 days) from 2 PM EDT Sun Aug 26 to 2 PM EDT Fri Aug 31



Probability of sustained tropical storm force surface winds (1-minute average of 39 mph or greater)

◇ indicates TROPICAL STORM ISAAC center location at 2 PM EDT Sun Aug 26 2012 (Forecast/Advisory #23)

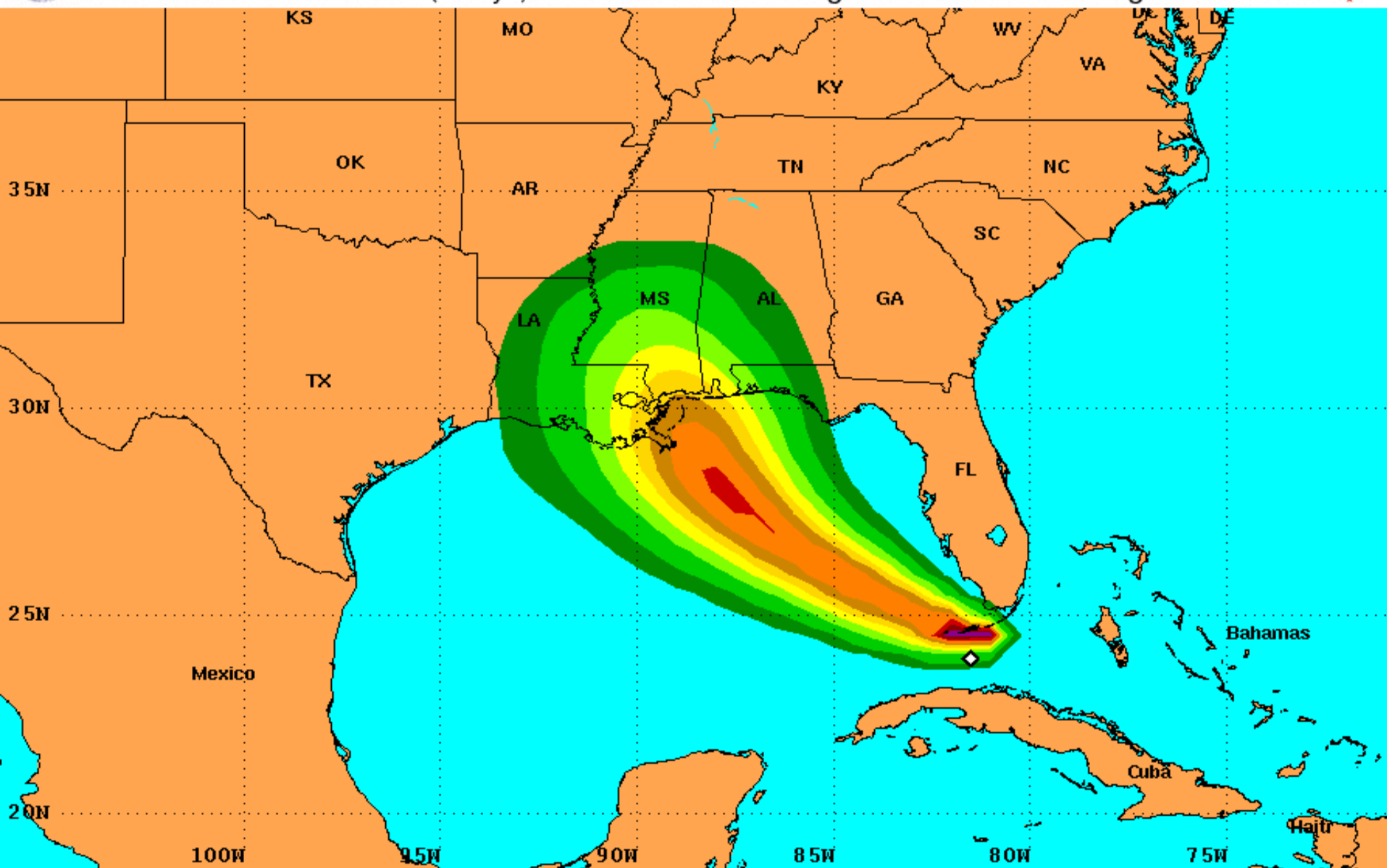




50-knot Wind Speed Probabilities



For the 120 hours (5 days) from 2 PM EDT Sun Aug 26 to 2 PM EDT Fri Aug 31



Probability of 1-minute average 50-knot (58 mph) or greater surface winds from all tropical cyclones

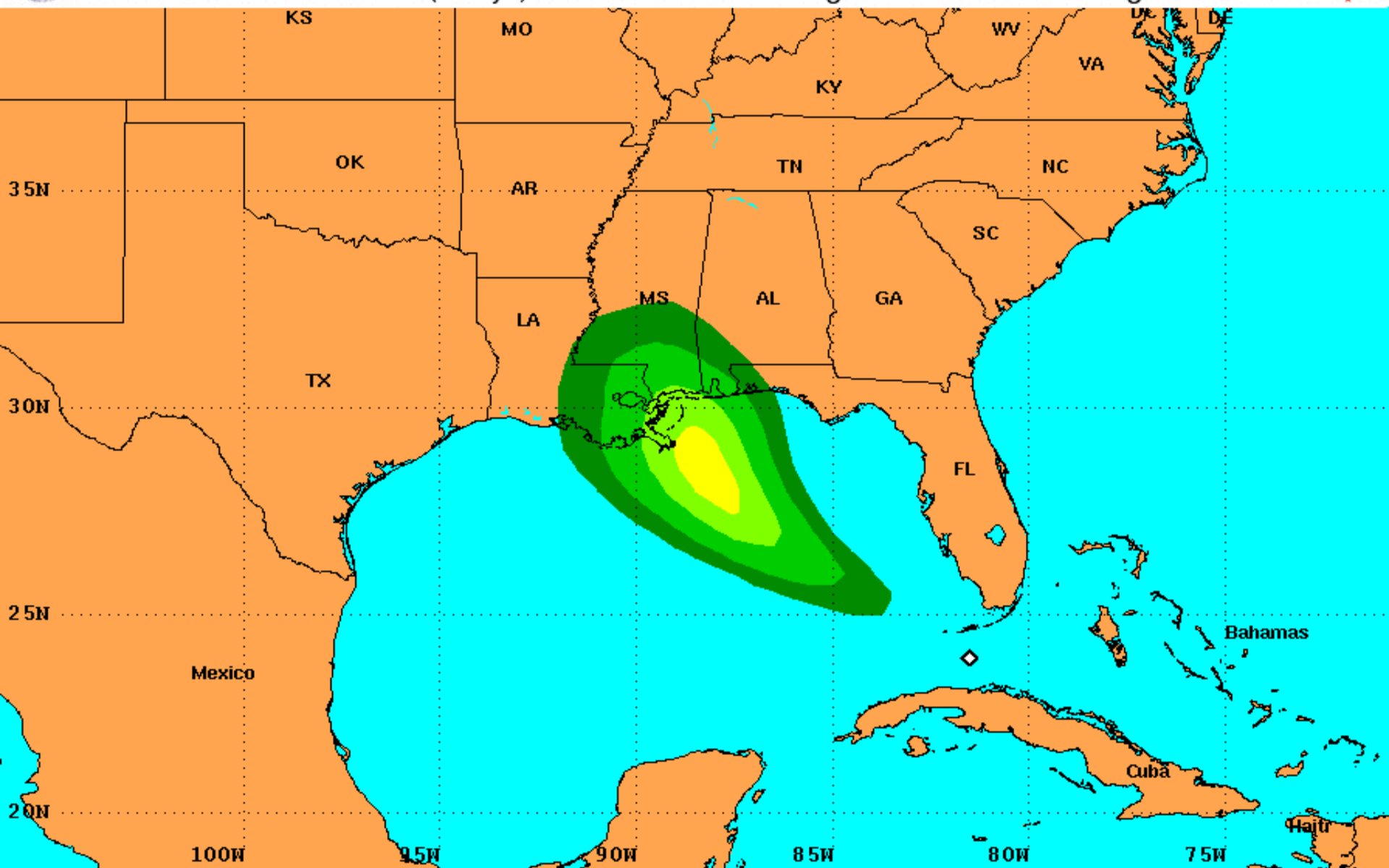
◇ indicates TROPICAL STORM ISAAC center location at 2 PM EDT Sun Aug 26 2012 (Forecast/Advisory #23)





Hurricane Force Wind Speed Probabilities

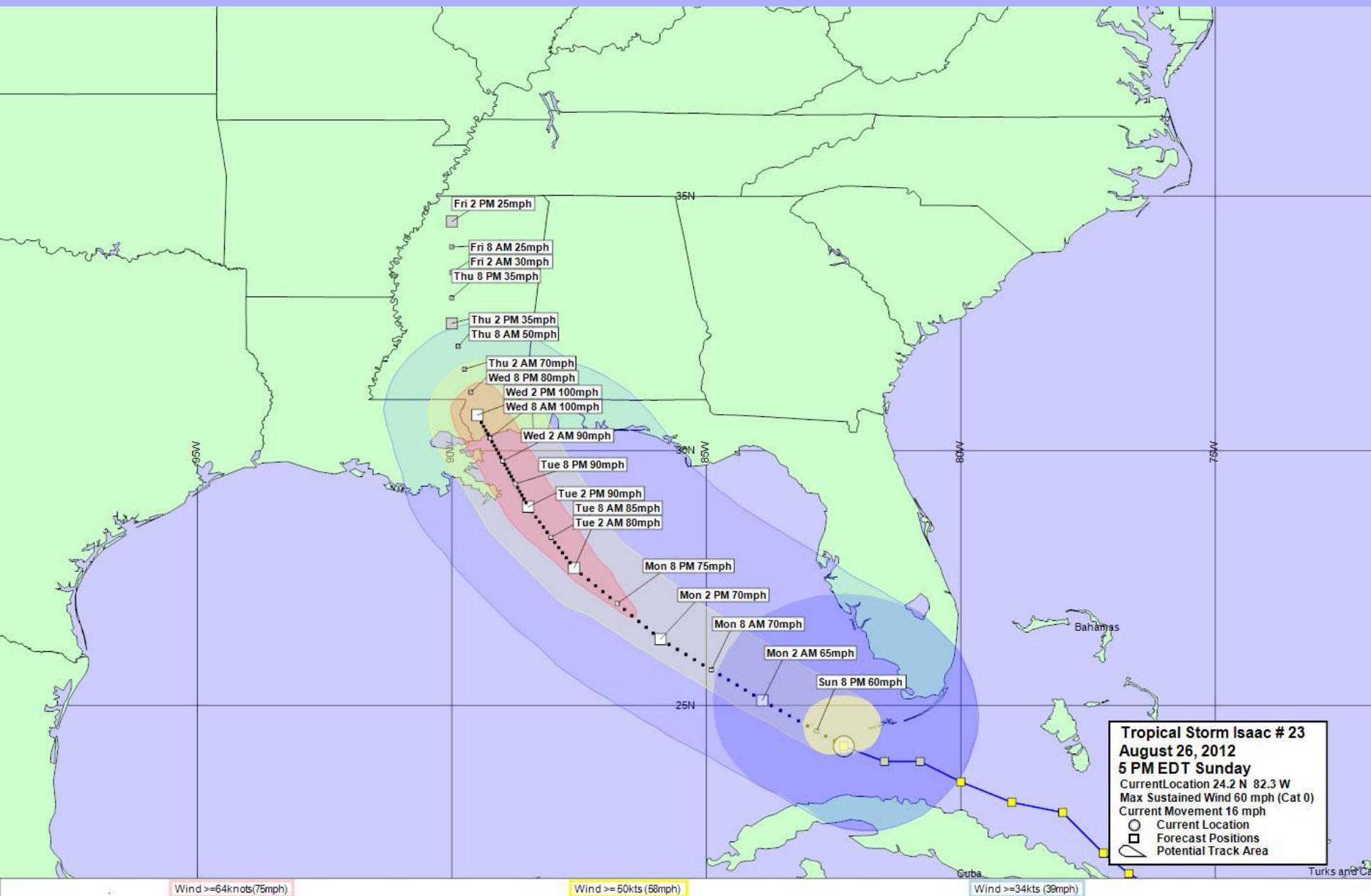
For the 120 hours (5 days) from 2 PM EDT Sun Aug 26 to 2 PM EDT Fri Aug 31

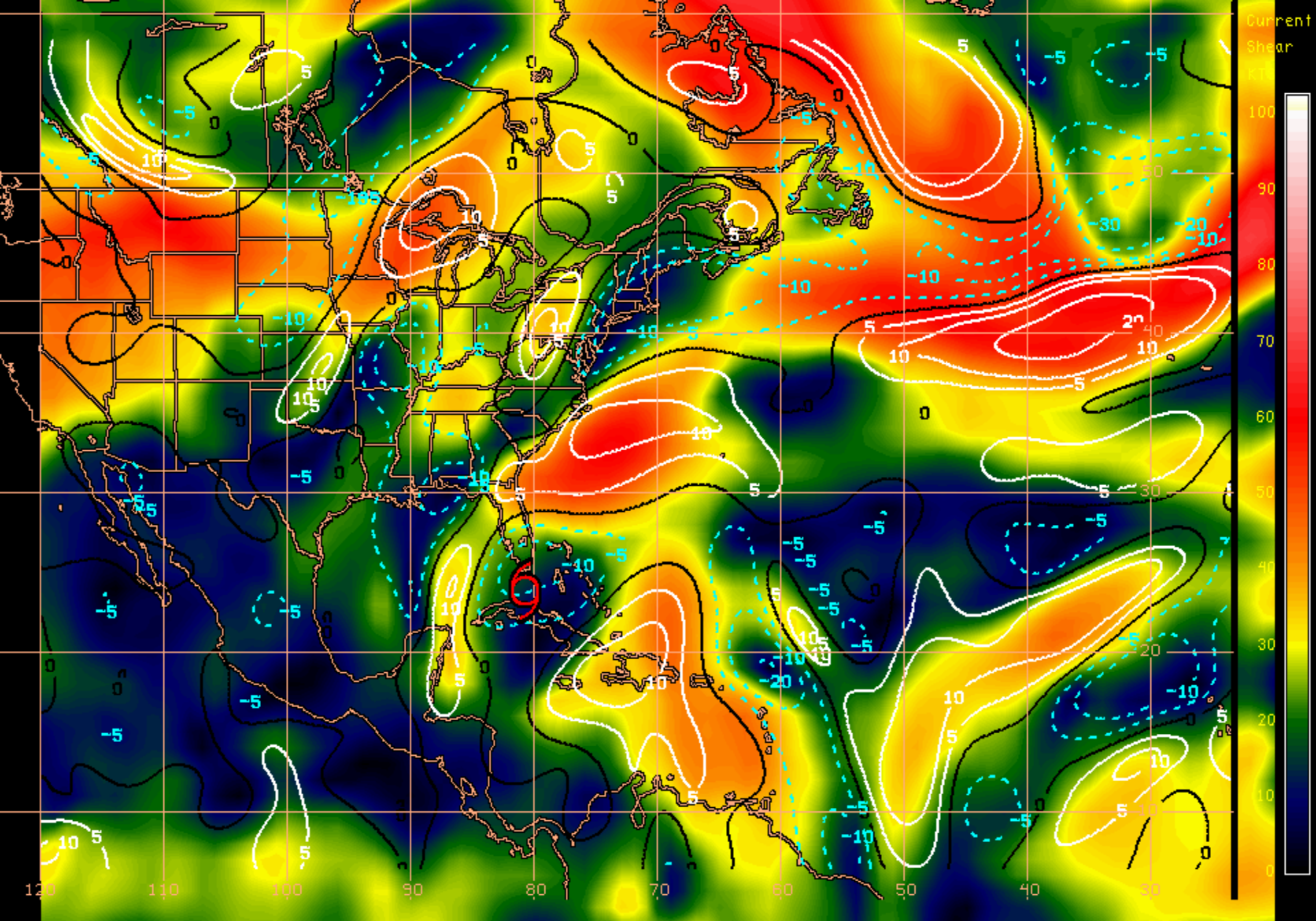


Probability of hurricane force surface winds (1-minute average ≥ 74 mph) from all tropical cyclones

◇ indicates TROPICAL STORM ISAAC center location at 2 PM EDT Sun Aug 26 2012 (Forecast/Advisory #23)

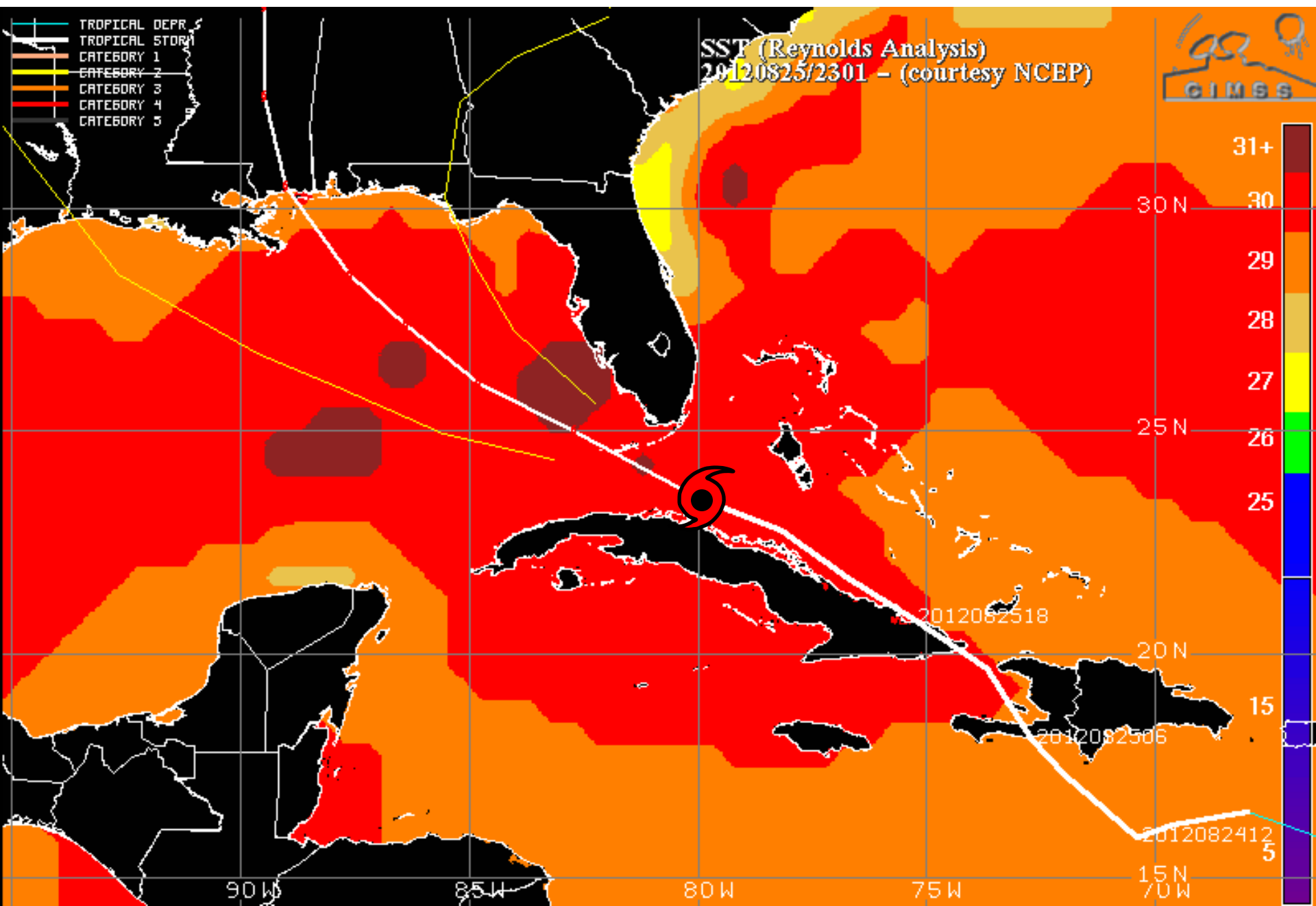






Shear Tendency (KTS) Over Past 24 Hours: Increasing — Decreasing ----

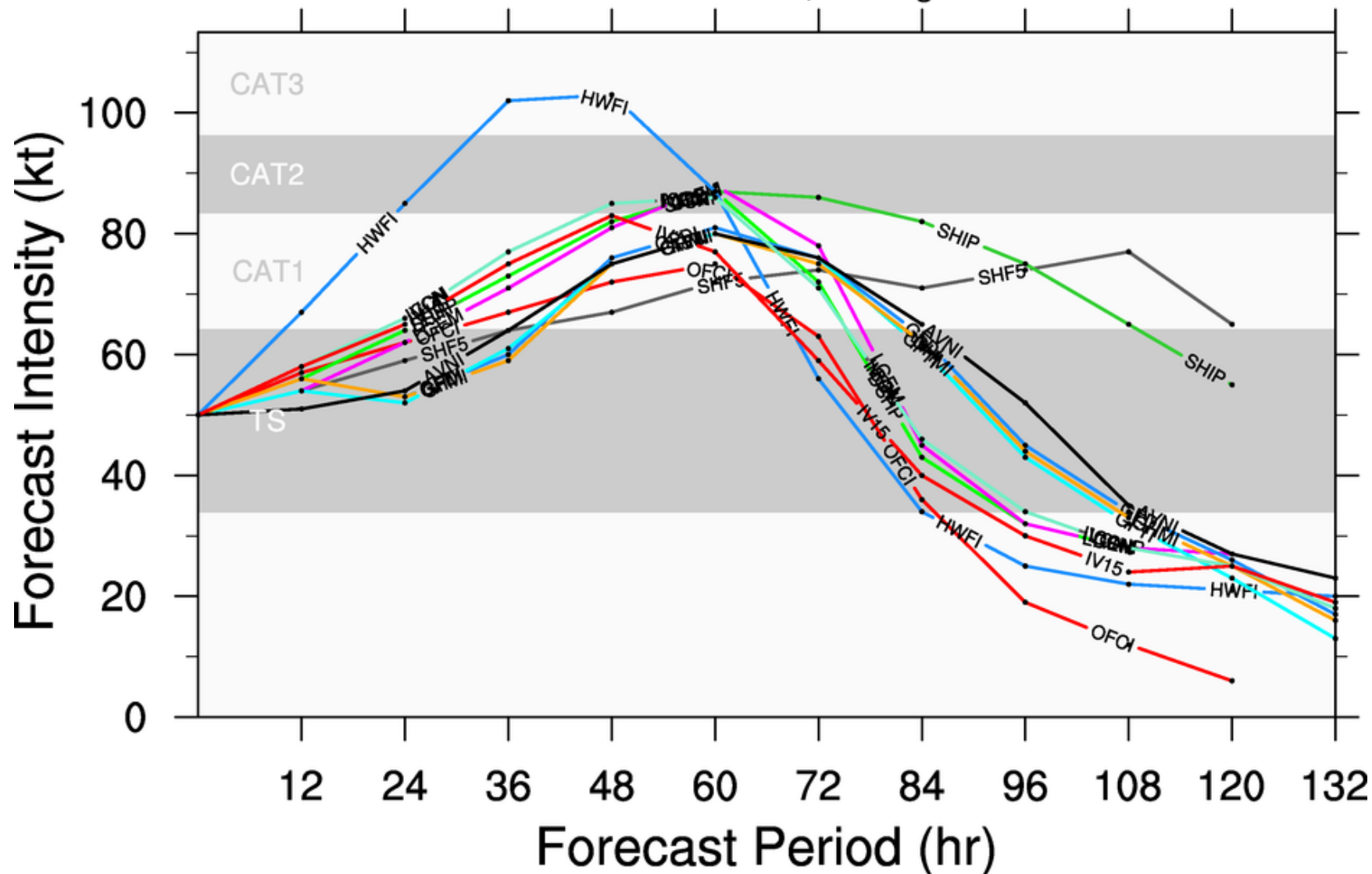
Current Sea Surface Temperatures Surrounding Isaac



TROPICAL STORM ISAAC (AL09)

Early-cycle intensity guidance

initialized at 1800 UTC, 26 August 2012



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Plot generated at 1852 UTC 26 August 2012



Intensity (Maximum Wind Speed) Probability Table
Tropical Storm Isaac Advisory Number 23
5:00 PM EDT Aug 26 2012



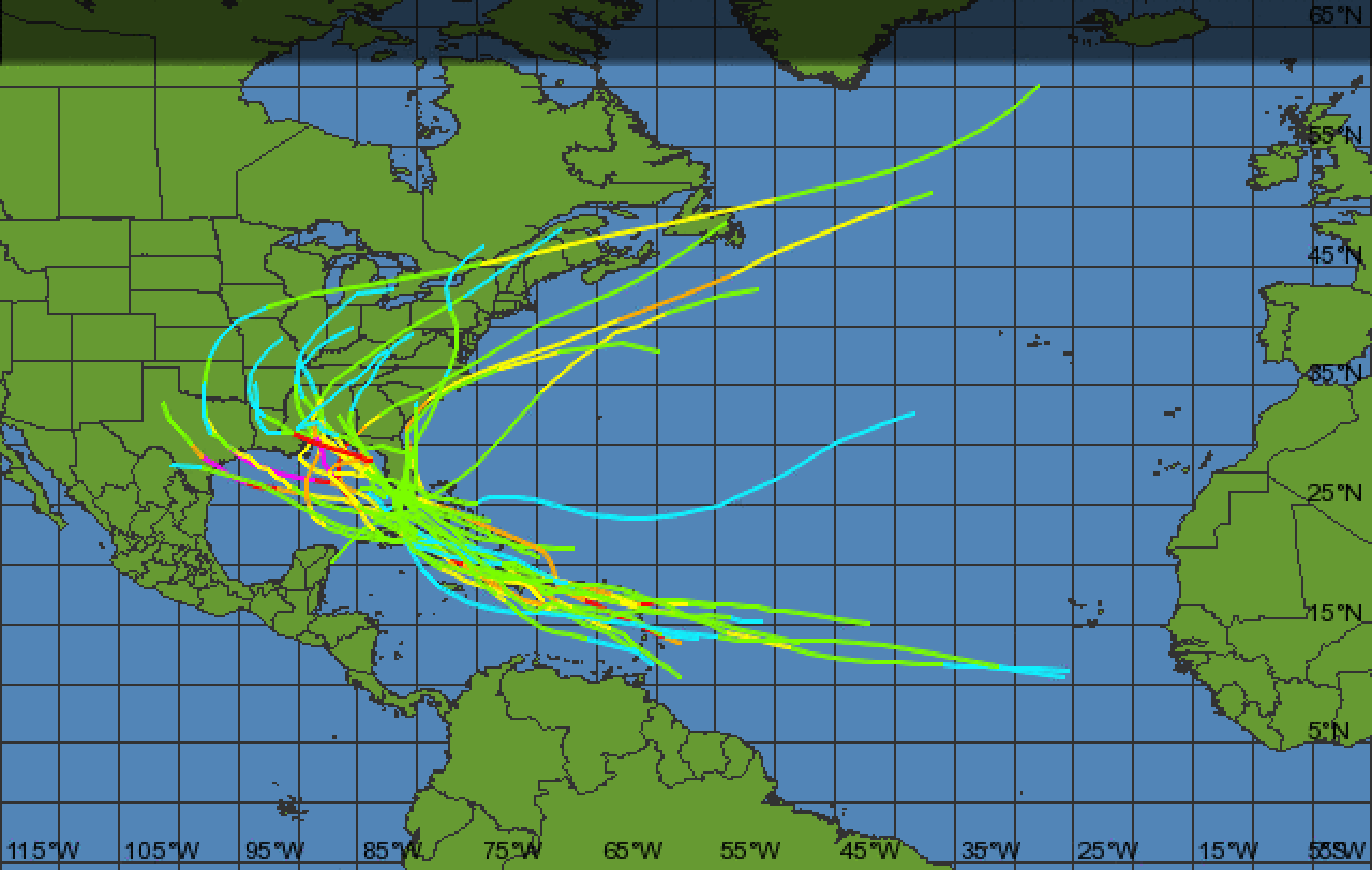
Wind Range (mph)	Forecast Time						
	12 hour for 2 AM Mon	24 hour for 2 PM Mon	36 hour for 2 AM Tue	48 hour for 2 PM Tue	72 hour for 2 PM Wed	96 hour for 2 PM Thu	120 hour for 2 PM Fri
Dissipated	<1%	<1%	<1%	1%	7%	48%	73%
Tropical Depression (<39)	2%	3%	2%	4%	3%	31%	20%
Tropical Storm (39-73)	85%	68%	41%	33%	36%	14%	5%
Hurricane (all categories)	13%	29%	56%	63%	55%	7%	2%
-- Category 1 (74-95)	12%	25%	44%	38%	38%	5%	1%
-- Category 2 (96-110)	1%	3%	9%	17%	12%	1%	1%
-- Category 3 (111-130)	1%	1%	3%	7%	4%	1%	<1%
-- Category 4 (131-155)	<1%	<1%	1%	1%	1%	<1%	<1%
-- Category 5 (>155)	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Forecast Maximum Wind	65 mph	70 mph	80 mph	90 mph	100 mph	35 mph	25 mph

Tropical Storm Isaac

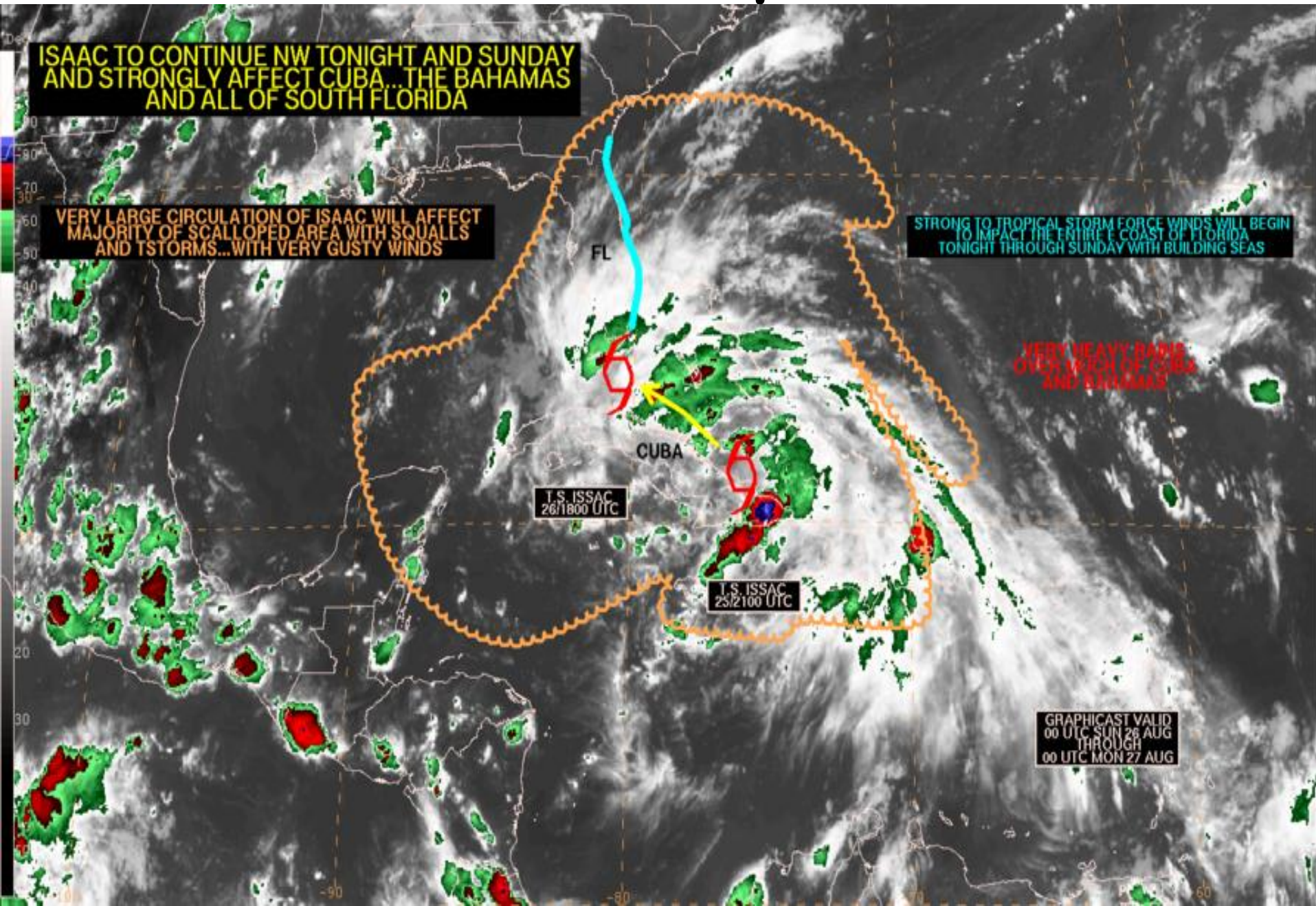
Tracks of all August
Tropical Storms
Within 2 degrees of Isaac
Between 1851 and 2011

Storm Category

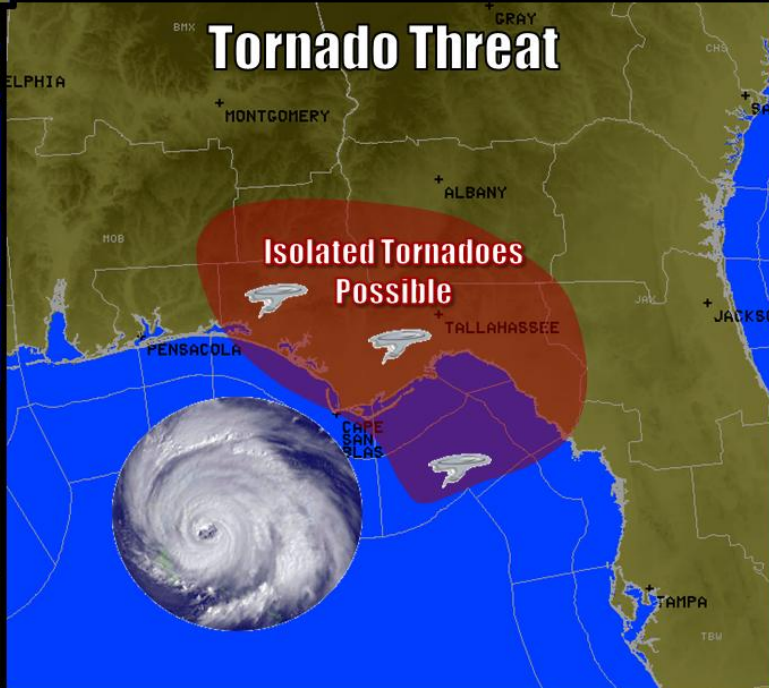
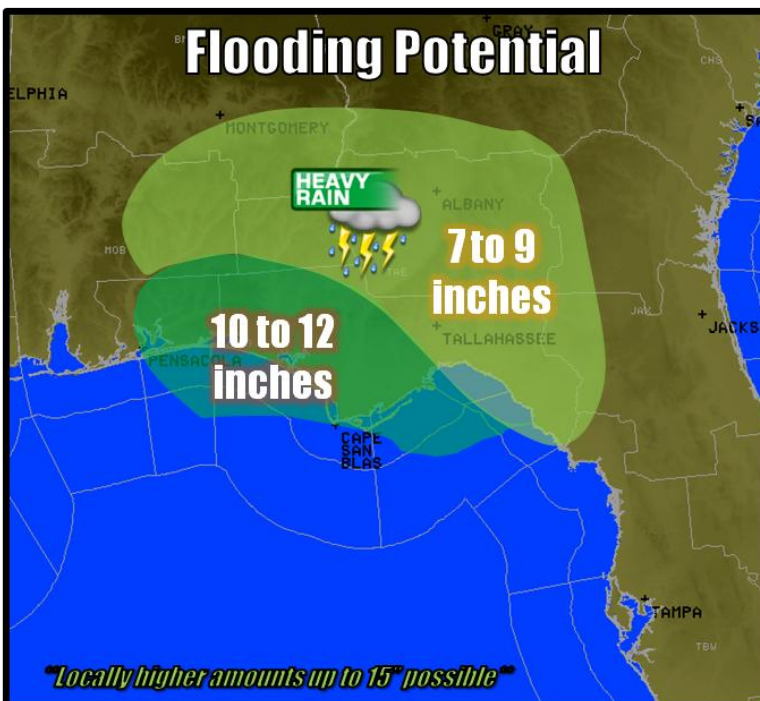
Tropical Depression	Tropical Storm	Category 1	Category 2	Category 3	Category 4	Category 5
< 39 mph	39-73 mph	74-95 mph	96-110 mph	111-130 mph	131-155 mph	156+ mph

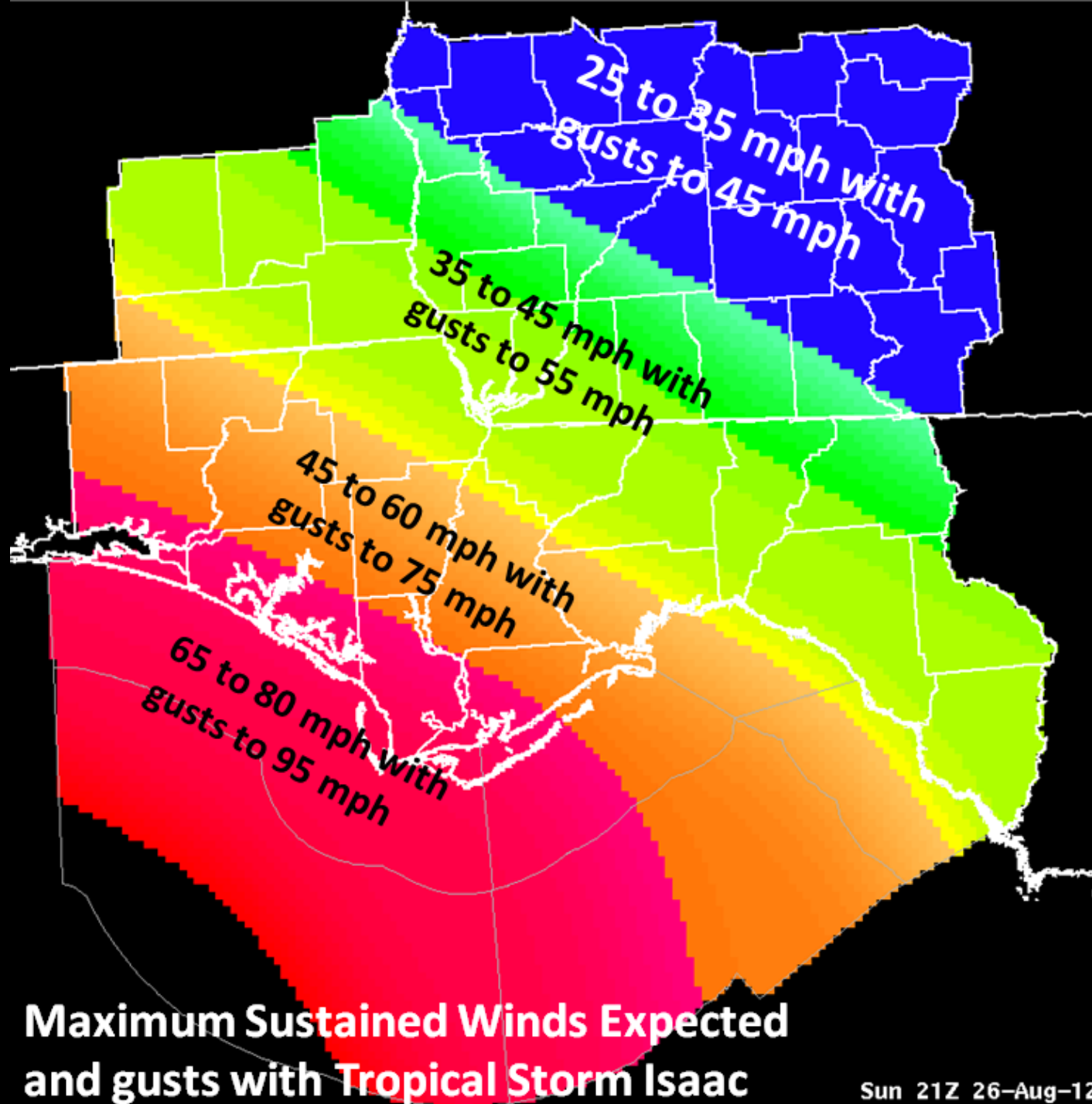


NHC Short Term Graphical Forecast



FL Bay	08/28 04E					08/28 17E [13]	36kt 08/28 1...
FL Broward	Existing					08/27 00E [07]	39kt 08/26 1...
FL Charlotte	Existing					08/27 09E [16]	39kt 08/26 2...
FL Collier	Existing					08/27 06E [13]	43kt 08/26 1...
FL Dade	Existing					08/27 00E [07]	42kt 08/26 1...
FL Desoto	Existing					08/27 06E [13]	37kt 08/26 2...
FL Escambia	08/28 01E					Continue	45kt 08/28 1...
FL Glades	Existing					08/27 03E [10]	37kt 08/26 1...
FL Gulf	08/27 22E					08/28 02E [04]	34kt 08/27 2...
FL Hardee	08/26 20E					08/27 04E [08]	35kt 08/26 2...
FL Hendry	Existing					08/27 04E [11]	39kt 08/26 1...
FL Highlands	Existing					08/27 01E [08]	35kt 08/26 1...
FL Hillsborough	08/26 23E					08/27 07E [08]	35kt 08/27 0...
FL Lee	Existing					08/27 07E [14]	41kt 08/26 1...
FL Manatee	08/26 18E					08/27 09E [15]	36kt 08/26 2...
FL Monroe	Existing	Existing			08/26 19E [02]	08/27 04E [11]	50kt 08/26 1...
FL Okaloosa	08/28 01E					08/29 10E [33]	40kt 08/28 1...
FL Palm Beach	Existing					08/26 23E [06]	37kt 08/26 1...
FL Pinellas	08/26 23E					08/27 08E [09]	35kt 08/27 0...
FL Santa Rosa	08/28 01E					Continue	43kt 08/28 1...
FL Sarasota	Existing					08/27 09E [16]	38kt 08/26 2...
FL Walton	08/28 03E					08/29 00E [21]	38kt 08/28 1...
FL Washington	08/28 12E					08/28 13E [01]	34kt 08/28 1...





Local Tropical Storm Isaac Hazards Links

- NWS Melbourne

http://w1.weather.gov/tcig/php/tcig_index.php?sid=MLB

- NWS Tampa

http://w1.weather.gov/tcig/php/tcig_index.php?sid=TBW

- NWS Tallahassee

http://w1.weather.gov/tcig/php/tcig_index.php?sid=TAE

- NWS Mobile

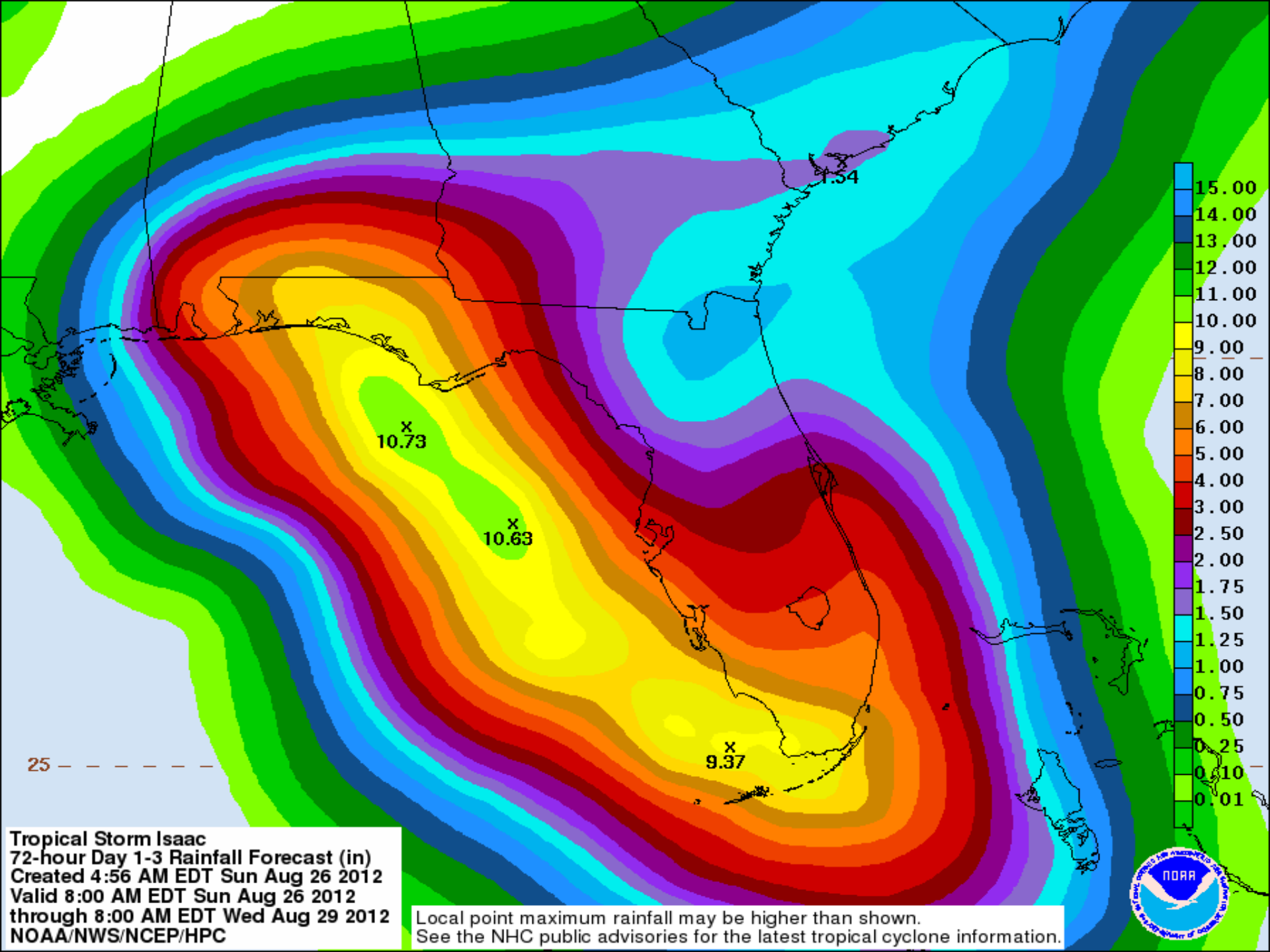
http://w1.weather.gov/tcig/php/tcig_index.php?sid=MOB

- NWS Key West

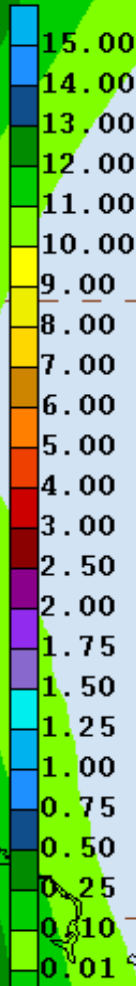
http://w1.weather.gov/tcig/php/tcig_index.php?sid=KEY

- NWS Miami

http://w1.weather.gov/tcig/php/tcig_index.php?sid=MFL



25 - - - -

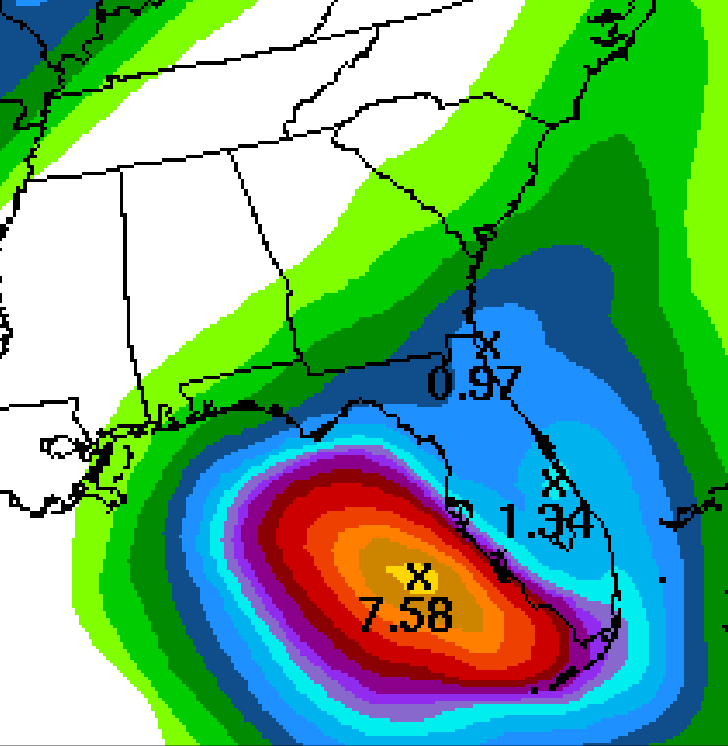


Tropical Storm Isaac
72-hour Day 1-3 Rainfall Forecast (in)
Created 4:56 AM EDT Sun Aug 26 2012
Valid 8:00 AM EDT Sun Aug 26 2012
through 8:00 AM EDT Wed Aug 29 2012
NOAA/NWS/NCEP/HPC

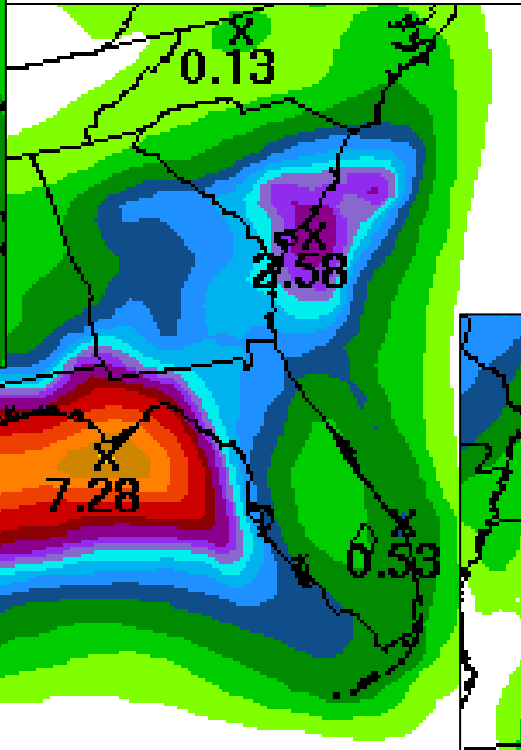
Local point maximum rainfall may be higher than shown.
See the NHC public advisories for the latest tropical cyclone information.



Forecast Rainfall Amounts

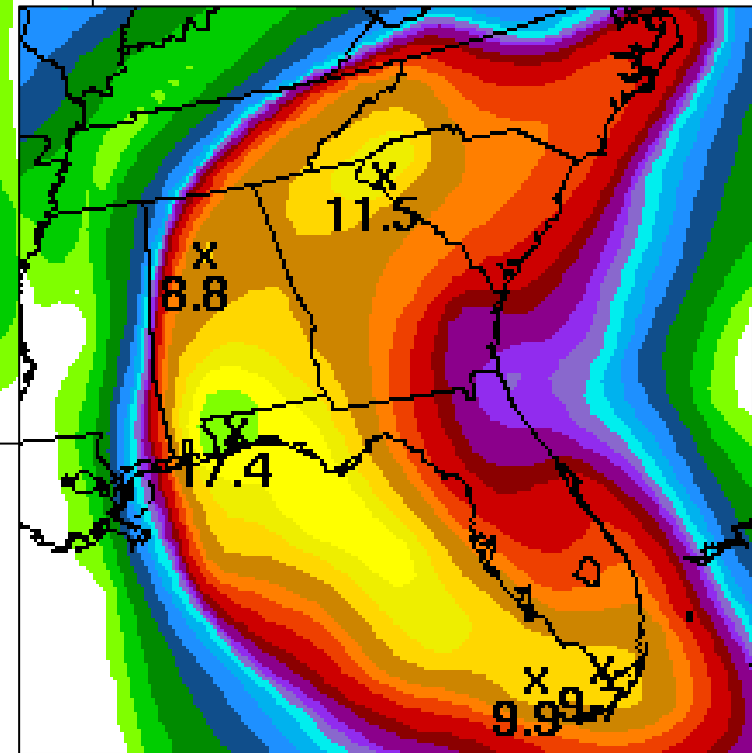


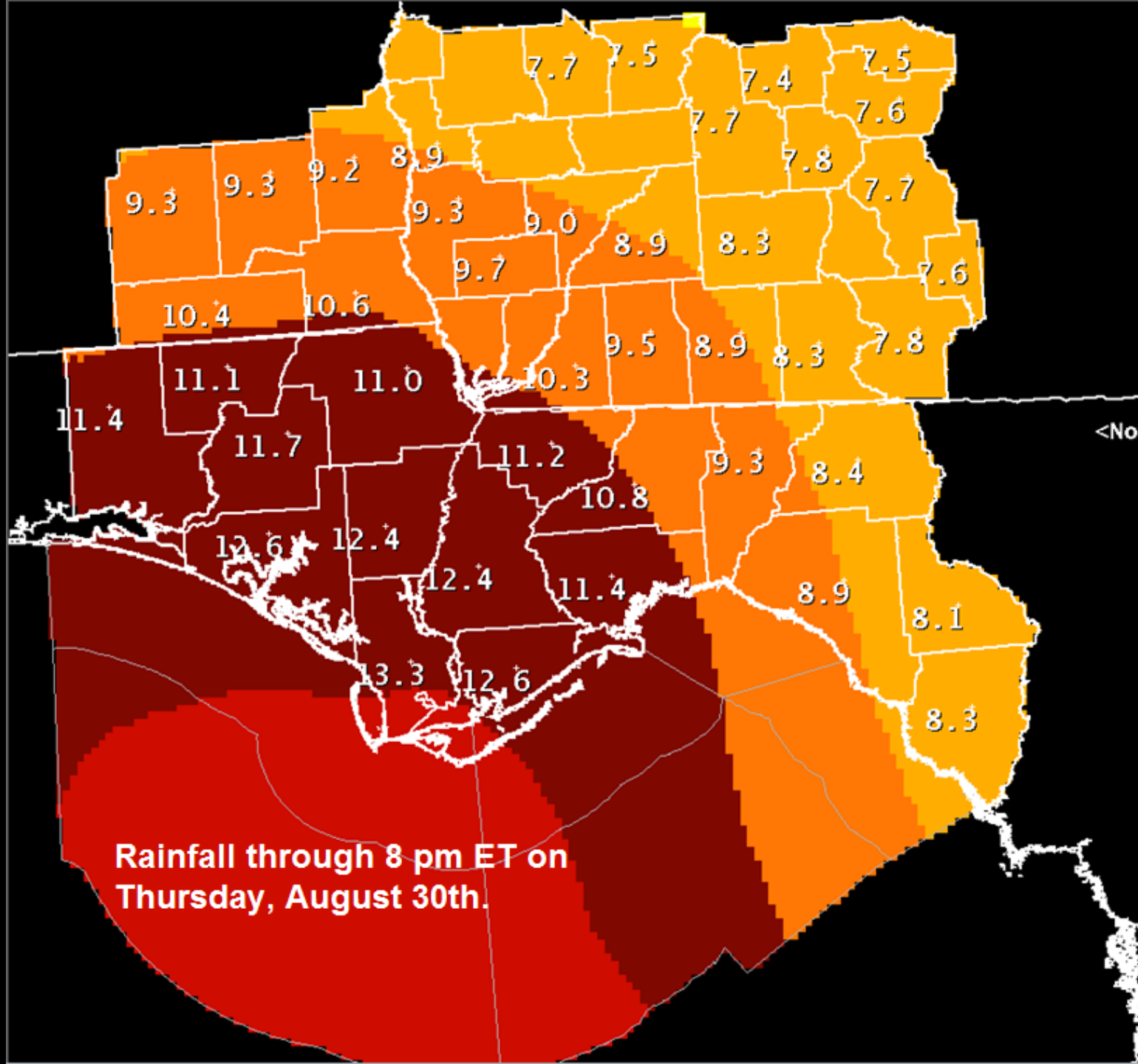
**Sunday Night
through Monday
Night**



**Monday Night through
Tuesday Night**










**Total Sunday through
Thursday Night**





[illegible]

Experimental Chance of Exceedance

Chance of Exceedance		
30%	Level	70%
	Action	
	Minor Flood	
	Moderate Flood	
	Major Flood	
 = less than 30% chance of reaching Action level		

Storm Surge

Tropical Cyclone Storm
Surge Heights That Have a
1 in 10 Chance of Being
Exceeded

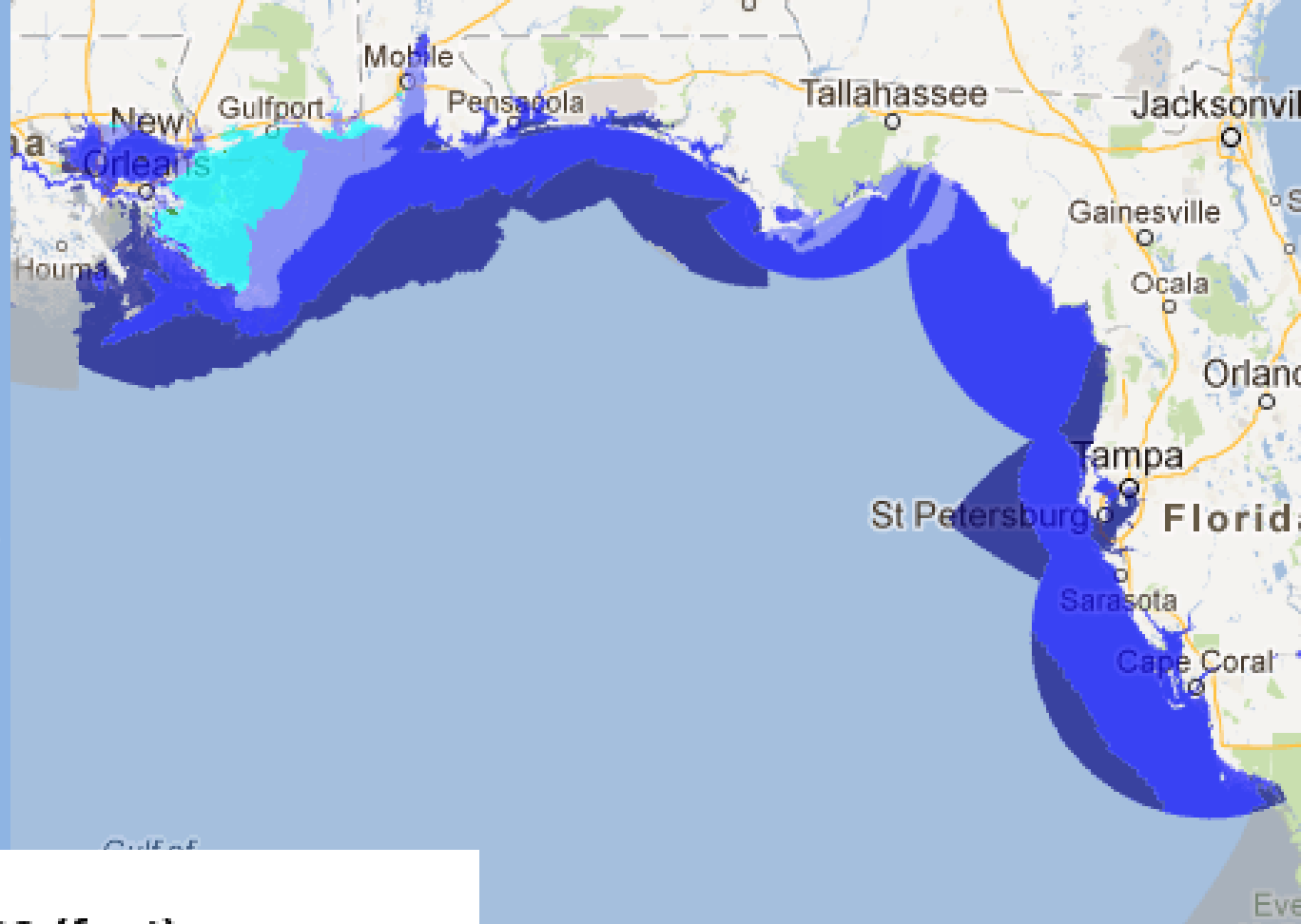
Tropical Storm Isaac (2012)
Advisory 22

For the 77 hours from 11
AM EDT Sun Aug 26 to 4
PM EDT Wed Aug 29

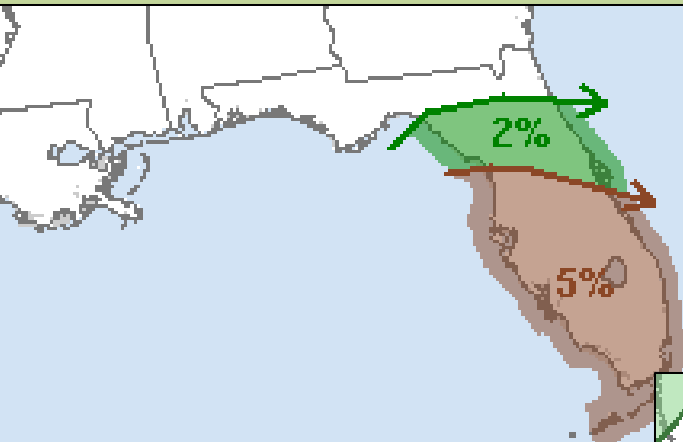
Legend

Height above NGVD-29 (feet)

0 to < 2	11 to < 13	23 to < 25
2 to < 3	13 to < 15	25 to < 27
3 to < 5	15 to < 17	27 to < 29
5 to < 7	17 to < 19	29 to < 36
7 to < 9	19 to < 21	
9 to < 11	21 to < 23	



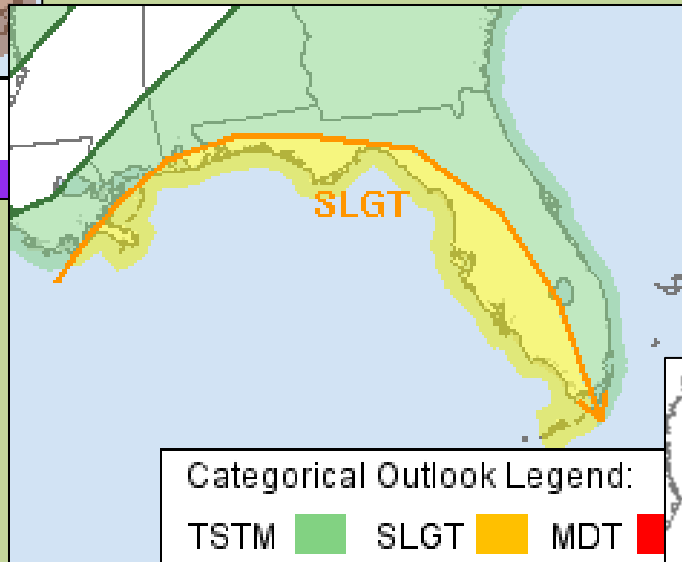
Risk of Severe Weather



Tornado Probability Legend (in %):

2 5 10 15 30 45

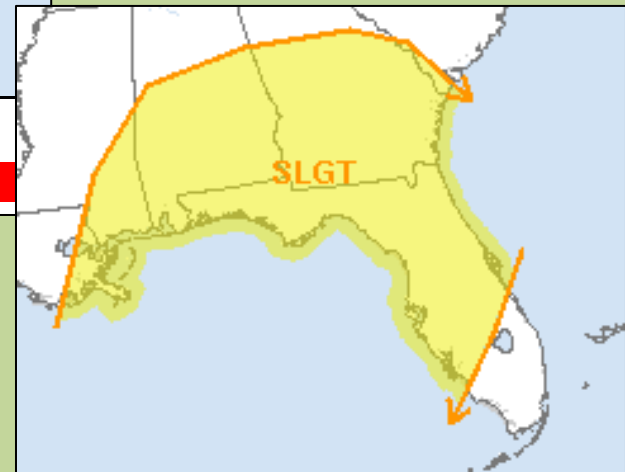
Tonight



Categorical Outlook Legend:

TSTM SLGT MDT

Monday



Categorical Outlook Legend:

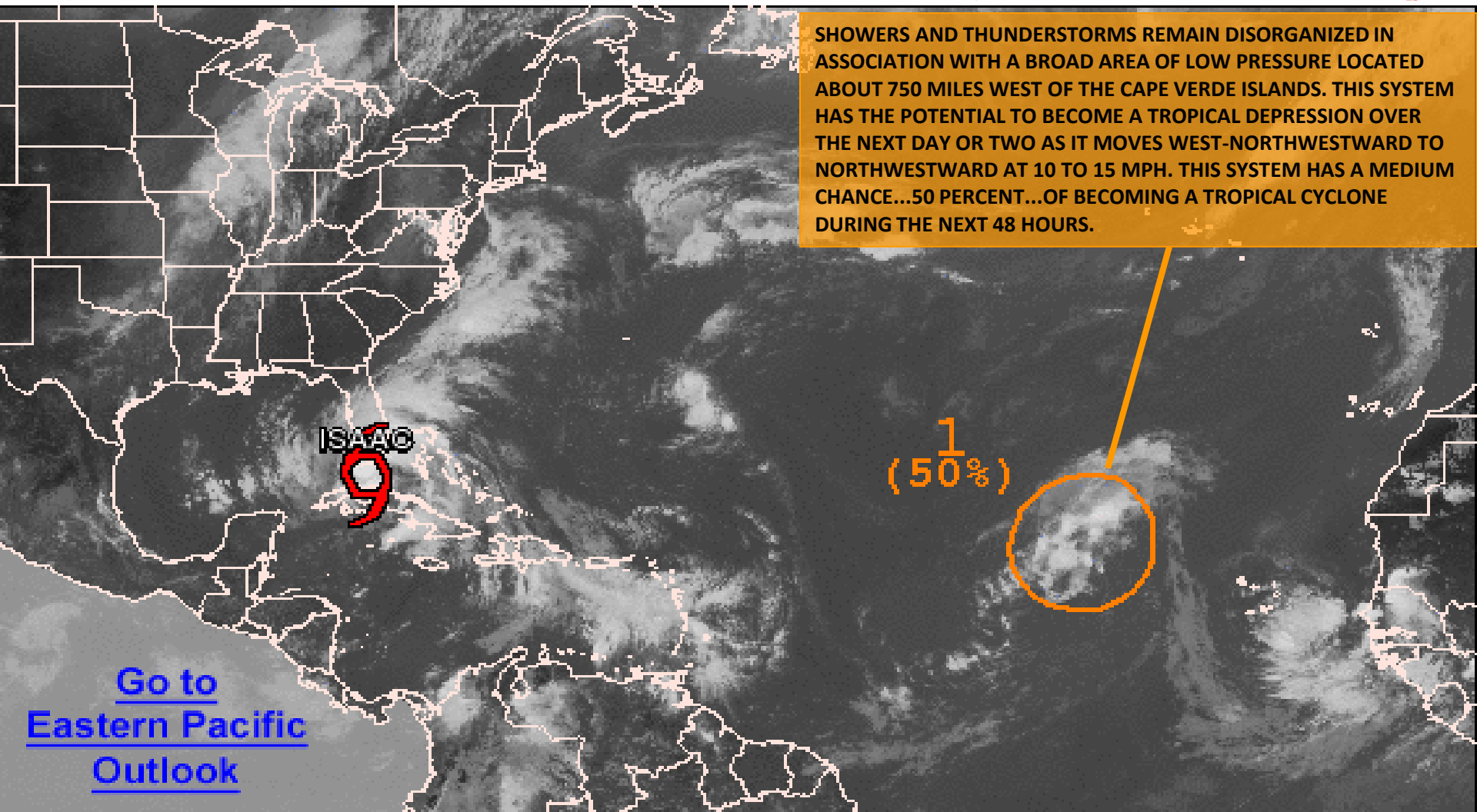
TSTM SLGT MDT

Tuesday



Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



200 PM EDT SUN AUG 26 2012

Satellite Image: 0130 PM EDT

Outlined areas denote current position of systems discussed in the Tropical Weather Outlook. Color indicates probability of tropical cyclone formation within 48 hours.



Low <30%



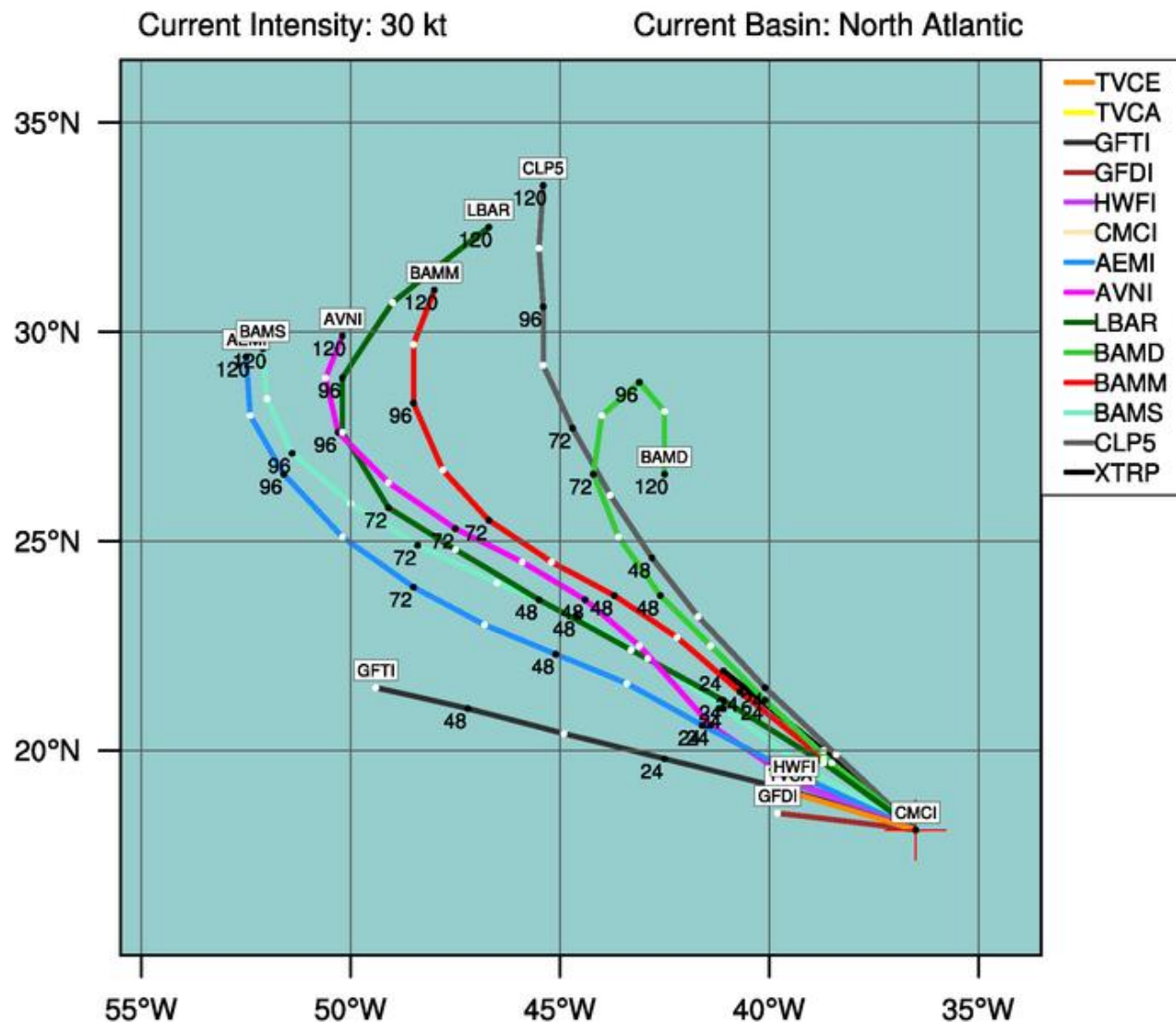
Medium 30-50%



High >50%

DISTURBANCE INVEST (AL97)

Early-cycle track guidance initialized at 1800 UTC, 26 August 2012



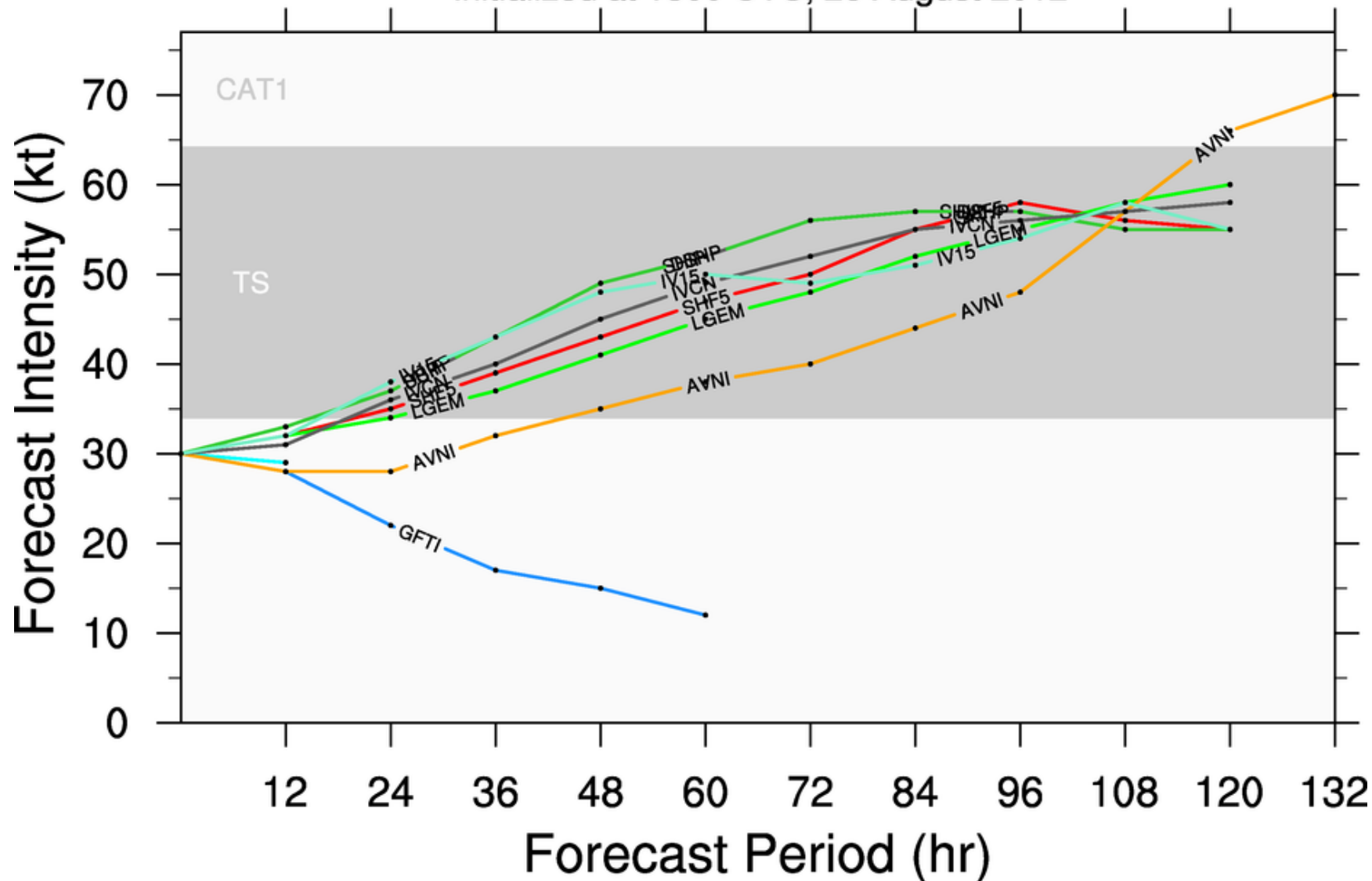
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Plot generated at 1852 UTC 26 August 2012

DISTURBANCE INVEST (AL97)

Early-cycle intensity guidance

initialized at 1800 UTC, 26 August 2012



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Plot generated at 1852 UTC 26 August 2012