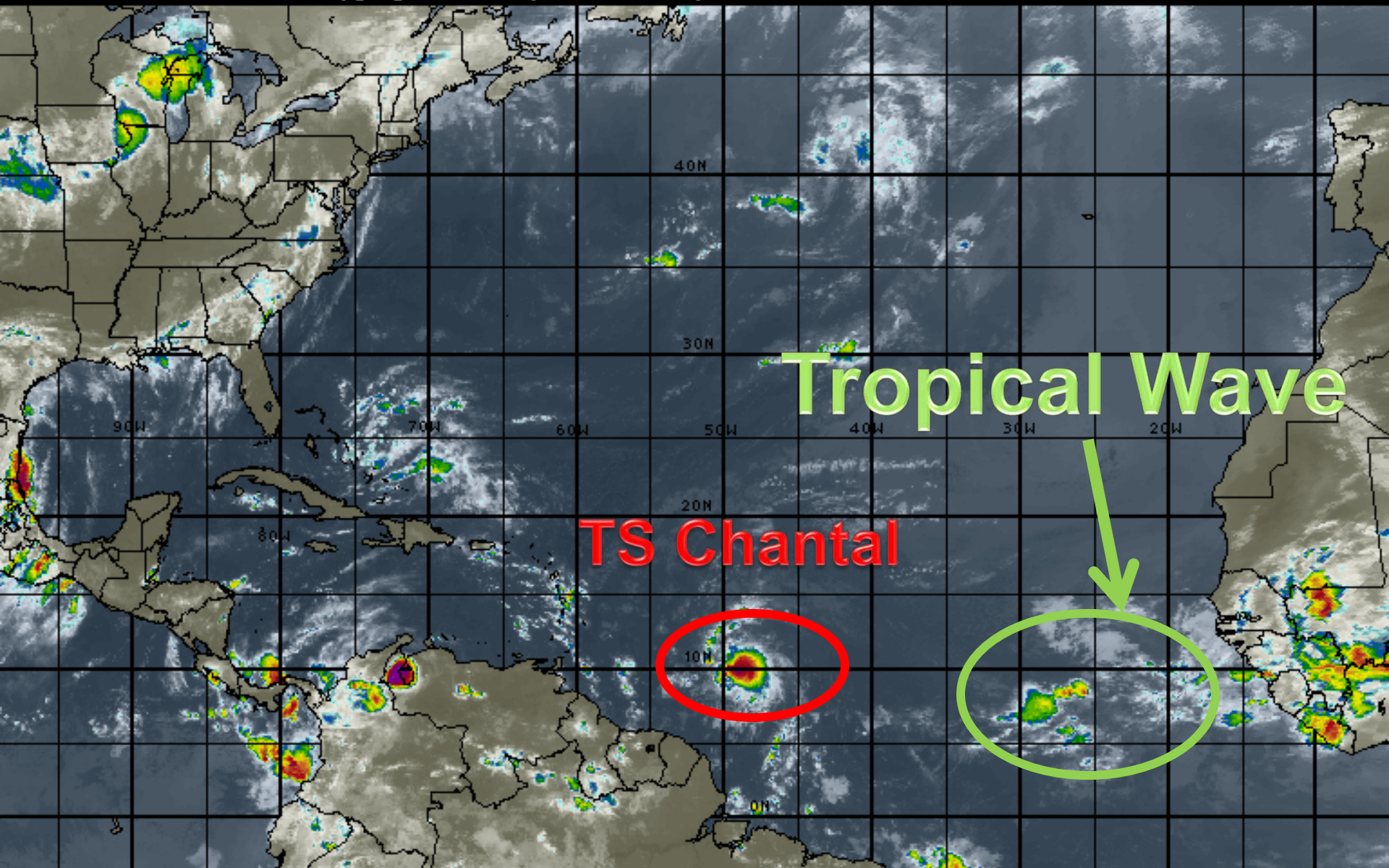


Tropical Update: Tropical Storm Chantal

Morning Update

09:00 08-JUL-2013 GMT ©Copyright WSI Corporation <http://www.wsi.com>



Tropical Storm Chantal

Blue Marble basemap imagery courtesy NASA

8 AM EDT Mon Jul 08 2013

Position 10.6 N 50.6 W

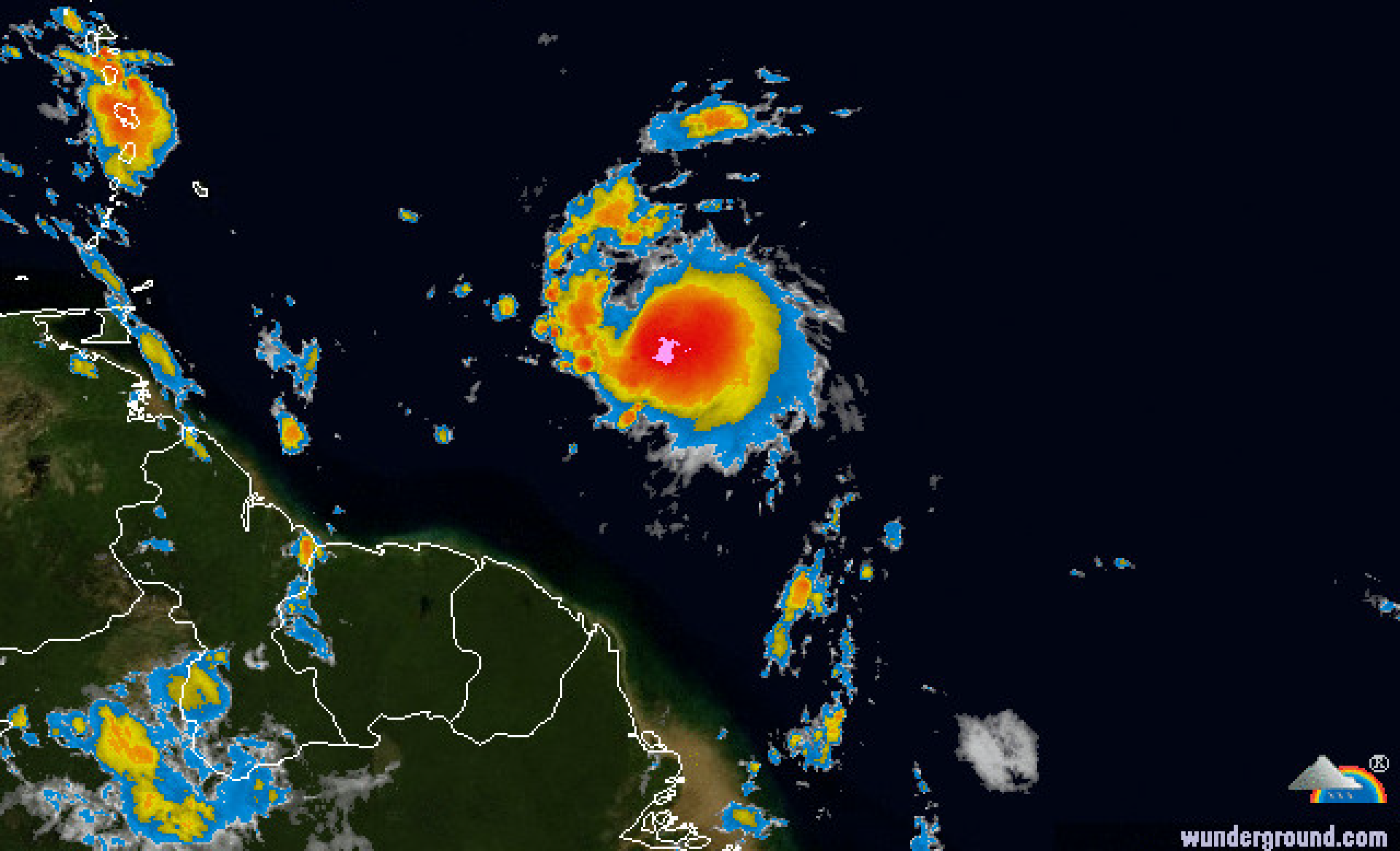
Maximum Winds 40 mph

Gusts 50 mph

Movement W at 26 mph

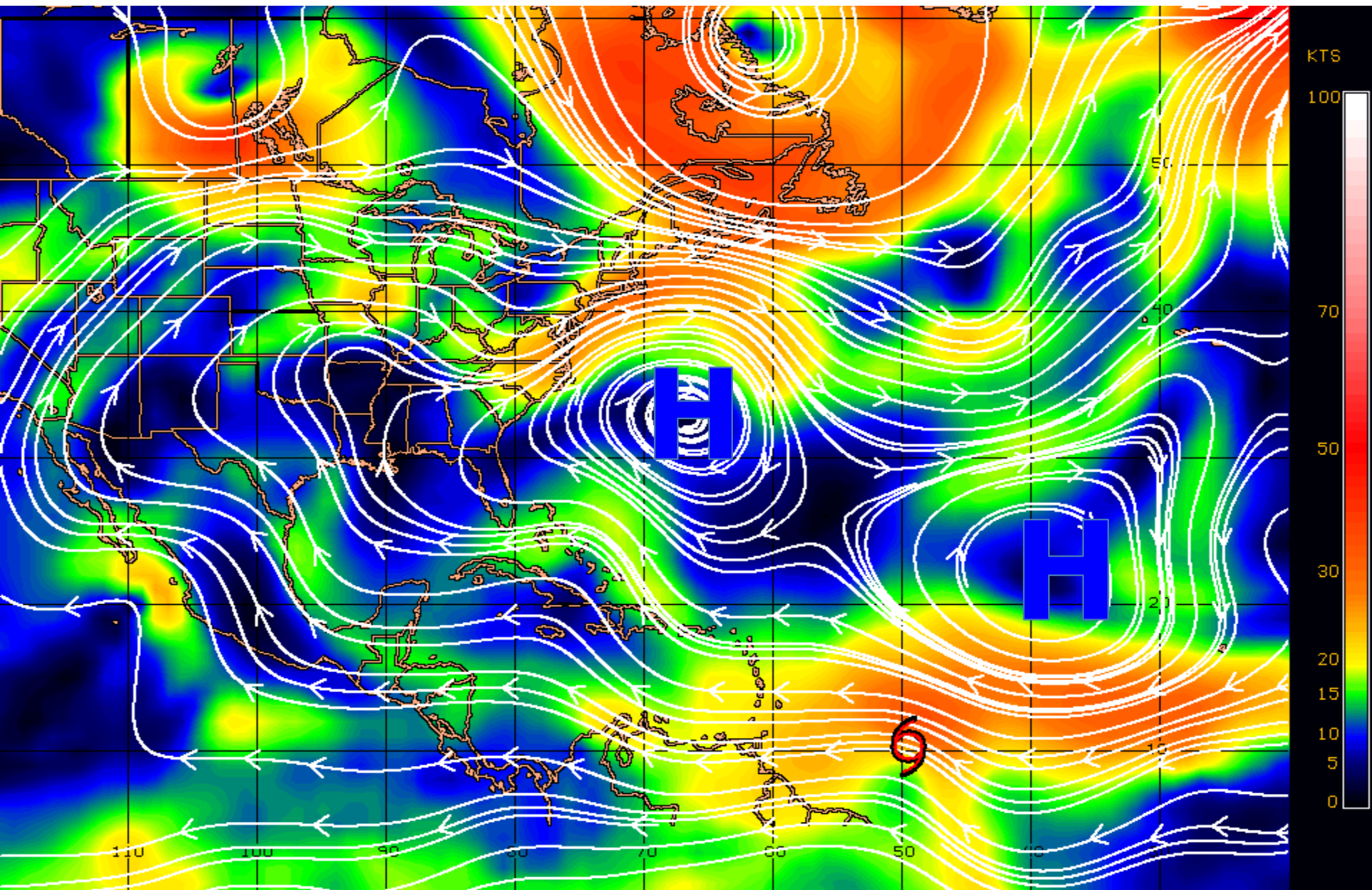
Minimum Pressure 1007 mb (29.73 inches)

Satellite 8:52 AM GFT
7:52 AM EDT

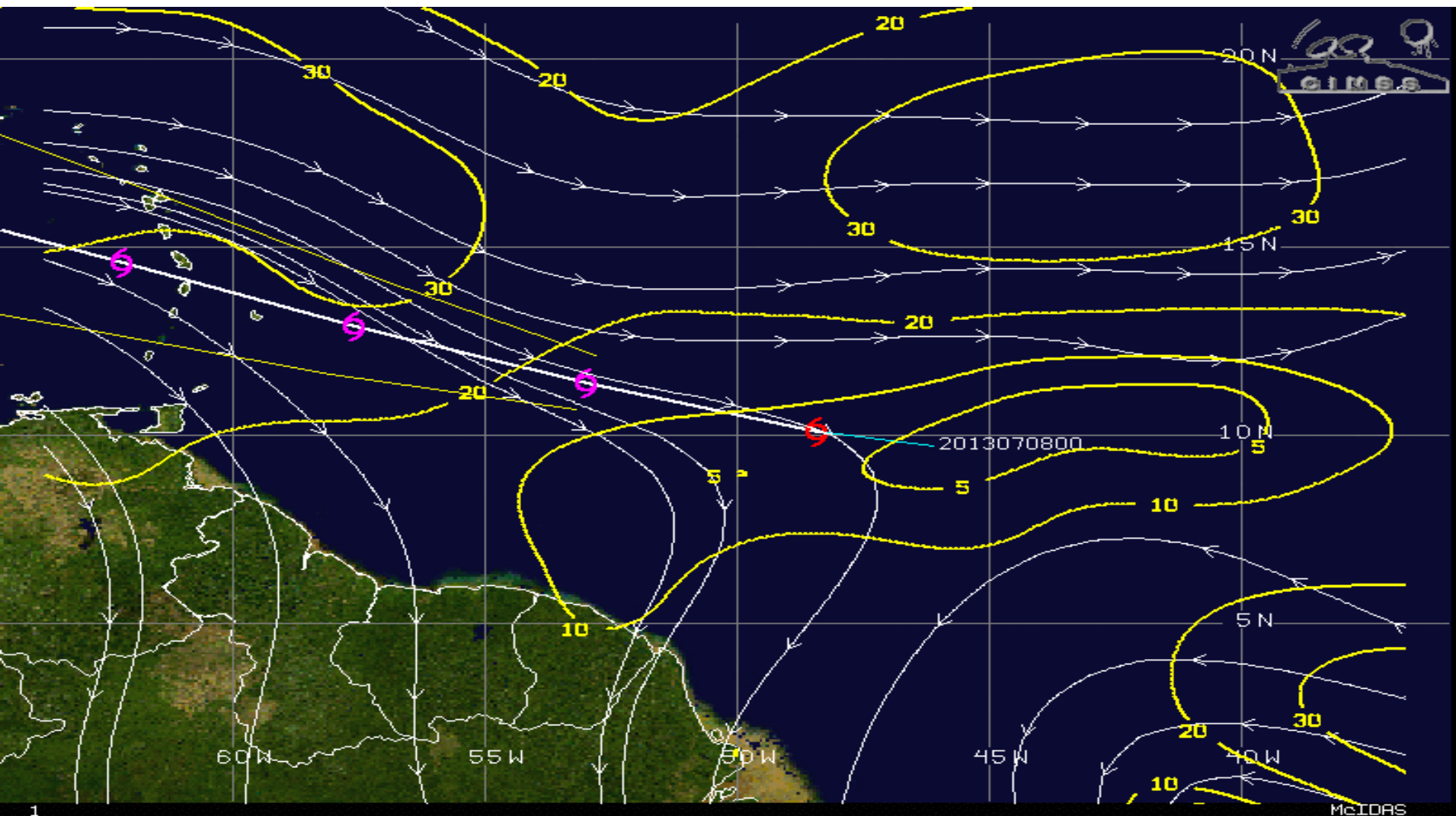


wunderground.com

Steering Currents



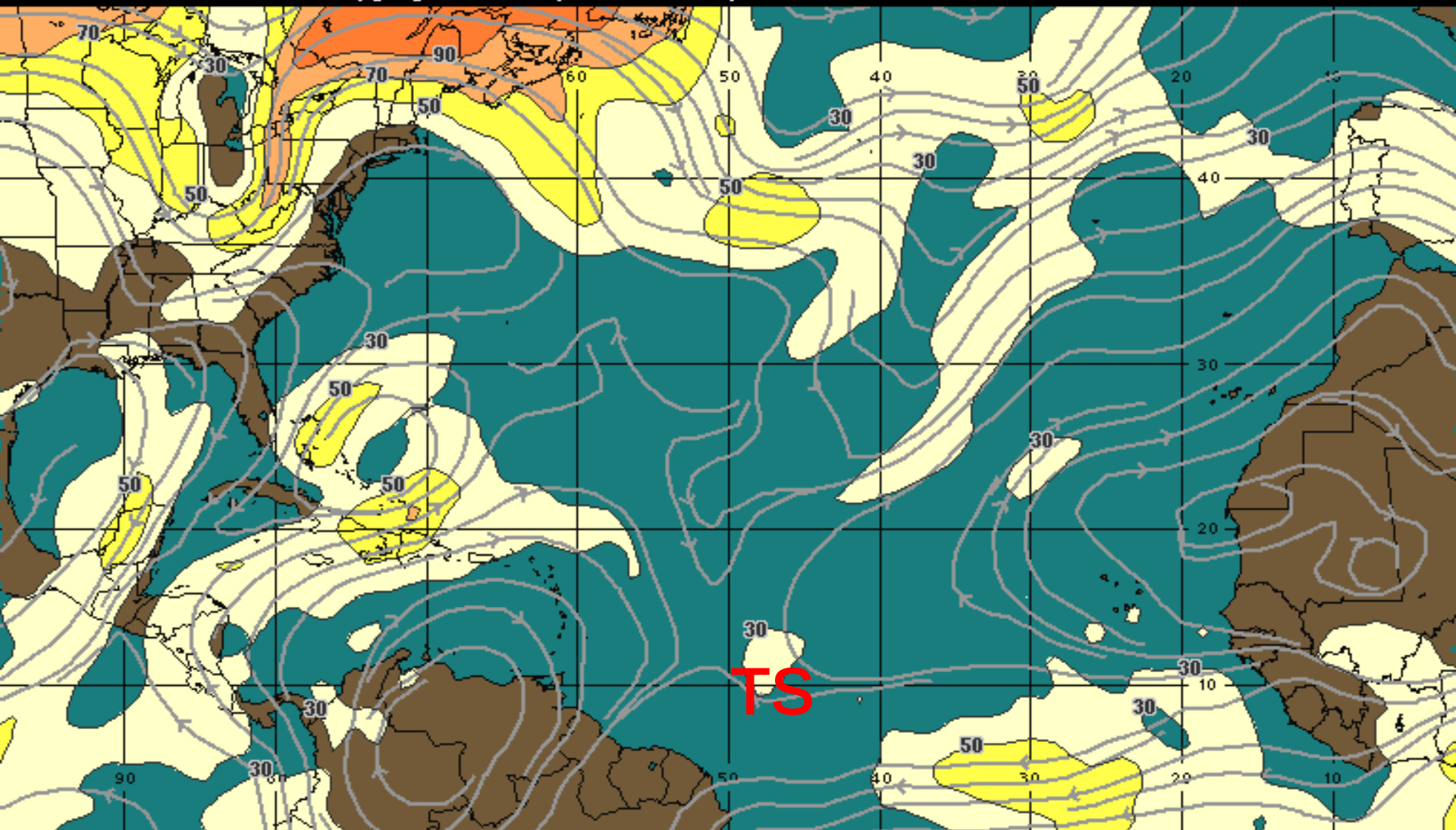
Current Wind Shear



- LOW/NAVE
- TROPICAL
- TROPICAL
- DEPR
- STRM
- CATEGORY 1
- CATEGORY 2
- CATEGORY 3
- CATEGORY 4
- CATEGORY 5
- I** - Invest Area
- L** - Tropical Depression
- S** - Tropical Storm
- S** - Hurricane/Typhoon (w/ category)

Forecast Wind Sheer

00:00 08-JUL-2013 GMT ©Copyright WSI Corporation <http://www.wsi.com>

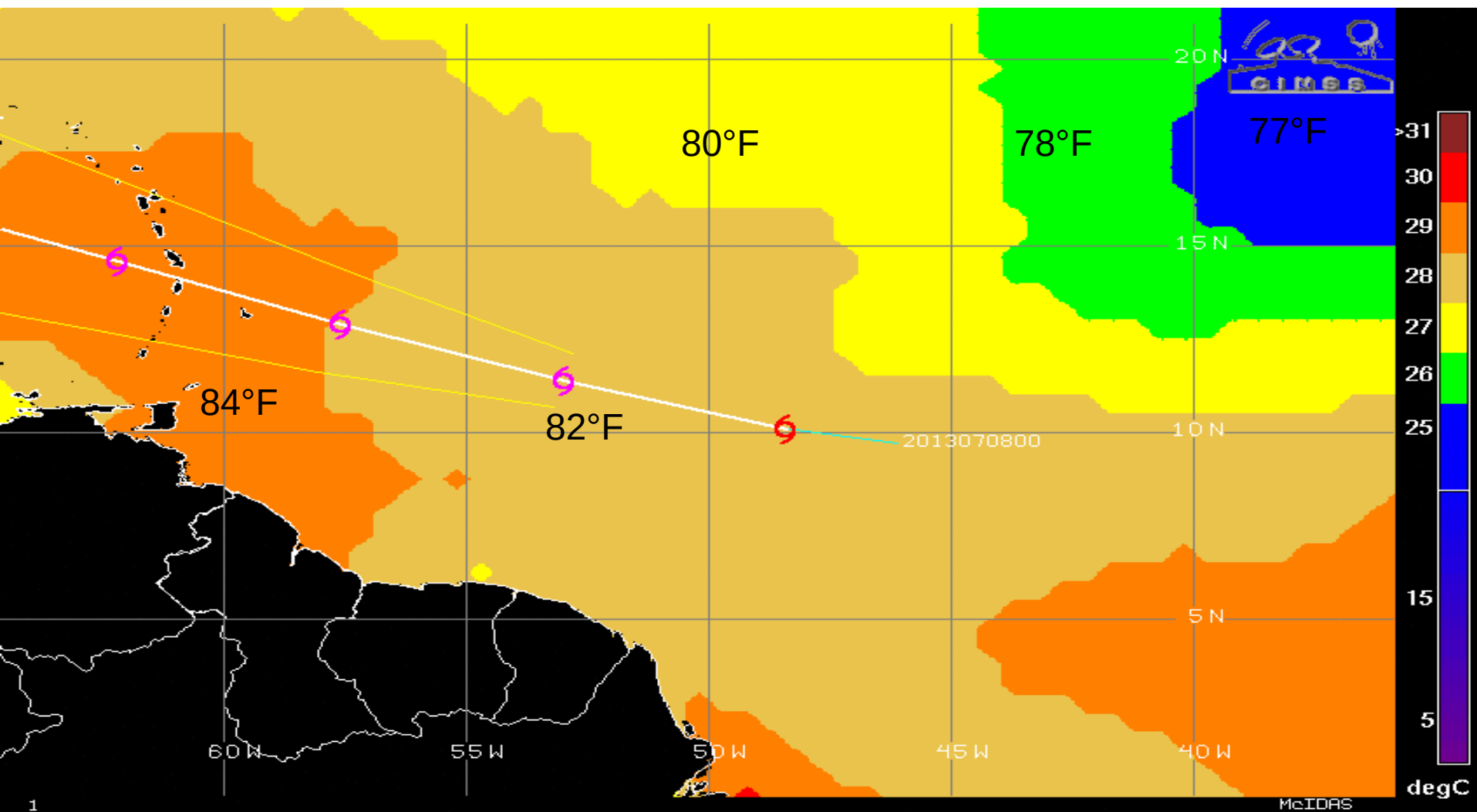


200Mb Wind Speed / Streamline Analysis
Valid 0000 UTC Mon 08-Jul-13

30 mph 50 70 90 110 130 150 +

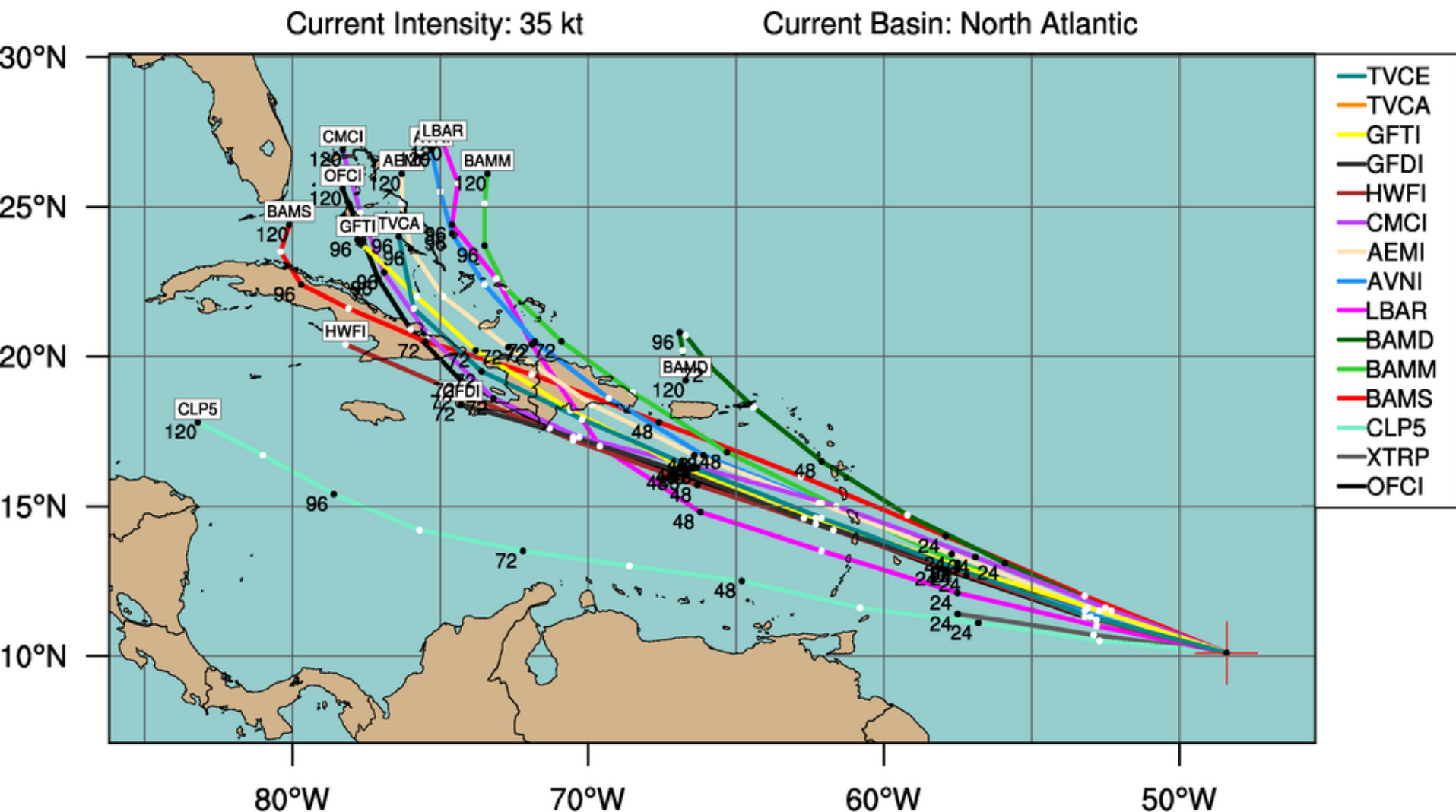
WSI®

Sea Surface Temperatures



TROPICAL STORM CHANTAL (AL03)

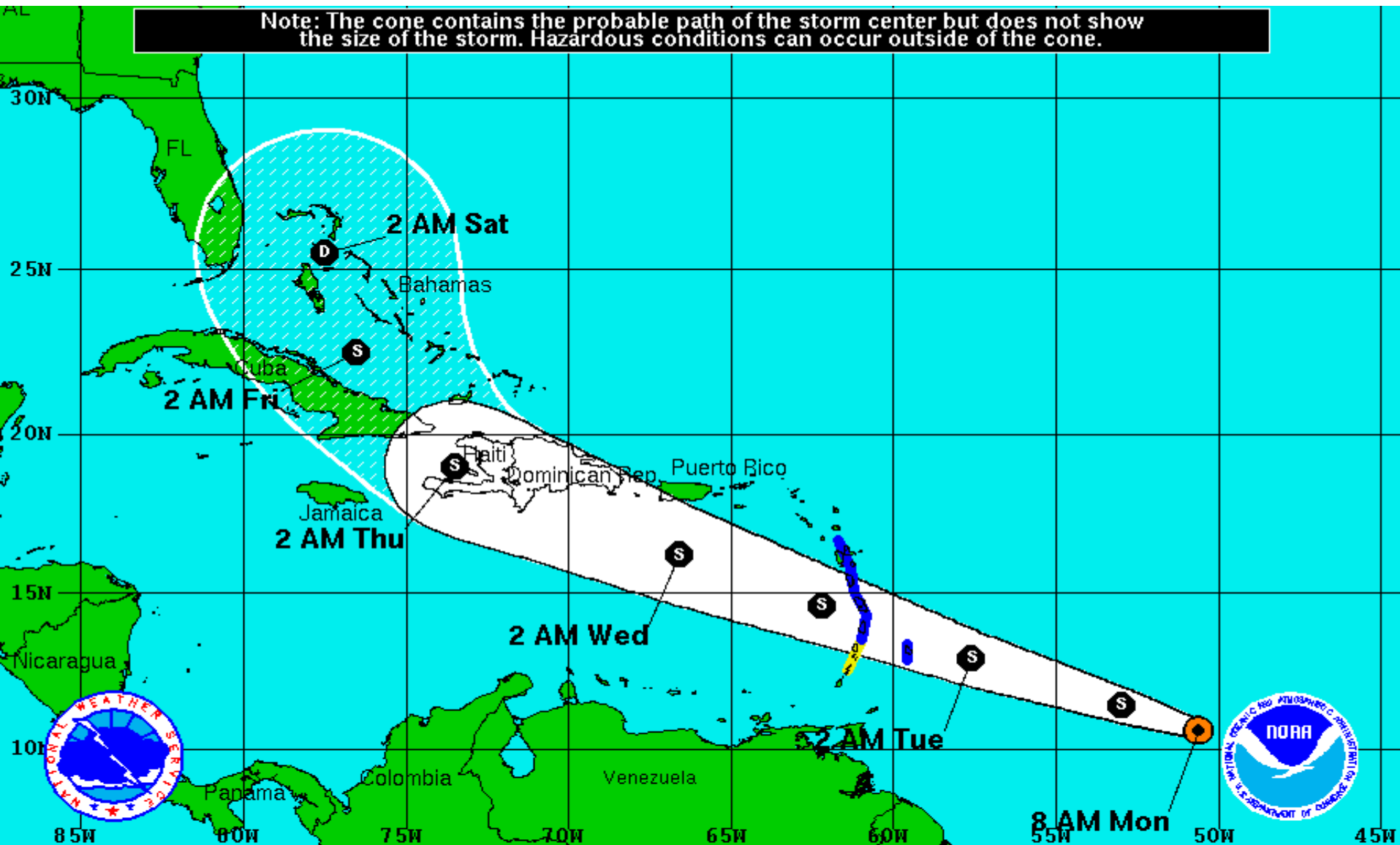
Early-cycle track guidance initialized at 0600 UTC, 08 July 2013



By using this plot, the user agrees to the UCAR Terms of Use
which can be accessed at: <http://www2.ucar.edu/terms-of-use>

Plot generated at 0749 UTC 08 July 2013

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 Chantal
 Monday July 8, 2013
 8 AM EDT Intermediate Advisory 2A
 NWS National Hurricane Center

Current Information: 
 Center Location 10.6 N 50.6 W
 Max Sustained Wind 40 mph
 Movement W at 26 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

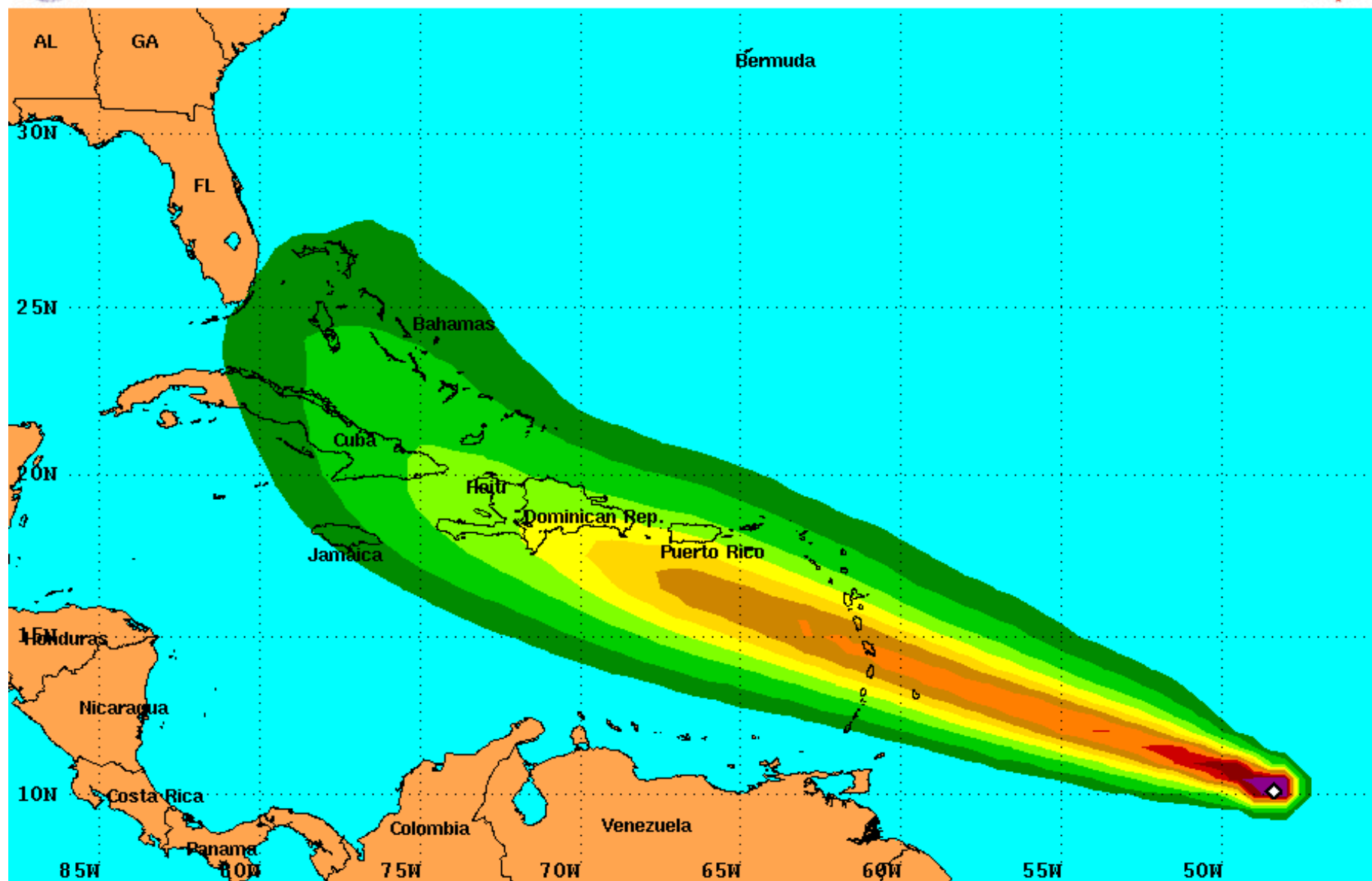
Watches:
 Hurricane  Trop.Storm

Warnings:
 Hurricane  Trop.Storm



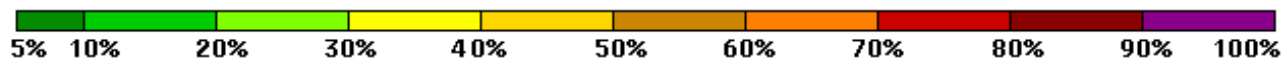
Tropical Storm Force Wind Speed Probabilities

For the 120 hours (5 days) from 2 AM EDT Mon Jul 8 to 2 AM EDT Sat Jul 13



Probability of tropical storm force surface winds (1-minute average ≥ 39 mph) from all tropical cyclones

◇ indicates TROPICAL STORM CHANTAL center location at 2 AM EDT Mon Jul 8 2013 (Forecast/Advisory #2)





Intensity (Maximum Wind Speed) Probability Table
Tropical Storm Chantal Advisory Number 2
5:00 AM AST Jul 8 2013



Wind Range (mph)	Forecast Time						
	12 hour for 2 PM Mon	24 hour for 2 AM Tue	36 hour for 2 PM Tue	48 hour for 2 AM Wed	72 hour for 2 AM Thu	96 hour for 2 AM Fri	120 hour for 2 AM Sat
Dissipated	<1%	1%	2%	2%	10%	21%	31%
Tropical Depression (<39)	11%	14%	11%	11%	26%	35%	36%
Tropical Storm (39-73)	87%	77%	70%	61%	56%	41%	32%
Hurricane (all categories)	2%	8%	17%	26%	8%	3%	2%
-- Category 1 (74-95)	2%	7%	15%	22%	8%	3%	1%
-- Category 2 (96-110)	<1%	1%	2%	3%	1%	<1%	<1%
-- Category 3 (111-129)	<1%	<1%	1%	1%	<1%	<1%	<1%
-- Category 4 (130-156)	<1%	<1%	<1%	<1%	<1%	<1%	<1%
-- Category 5 (>156)	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Forecast Maximum Wind	45 mph	50 mph	60 mph	65 mph	50 mph	40 mph	35 mph