

WEEKEND WEATHER OUTLOOK BELIZE, CENTRAL AMERICA

PERIOD: Friday, July 6 until Monday, July 9, 2012

DATE ISSUED: Friday, July 6, 2012; 9:00 am

RFRUTOS

SYNOPSIS: An active tropical wave (TW) just west of Jamaica this morning will approach and move over Belize and Yucatan late Saturday, producing more outbreaks of showers and thunderstorms, and squally conditions. The airflow will remain moist and unstable on Monday through Wednesday as low pressures persist over northern Central America.

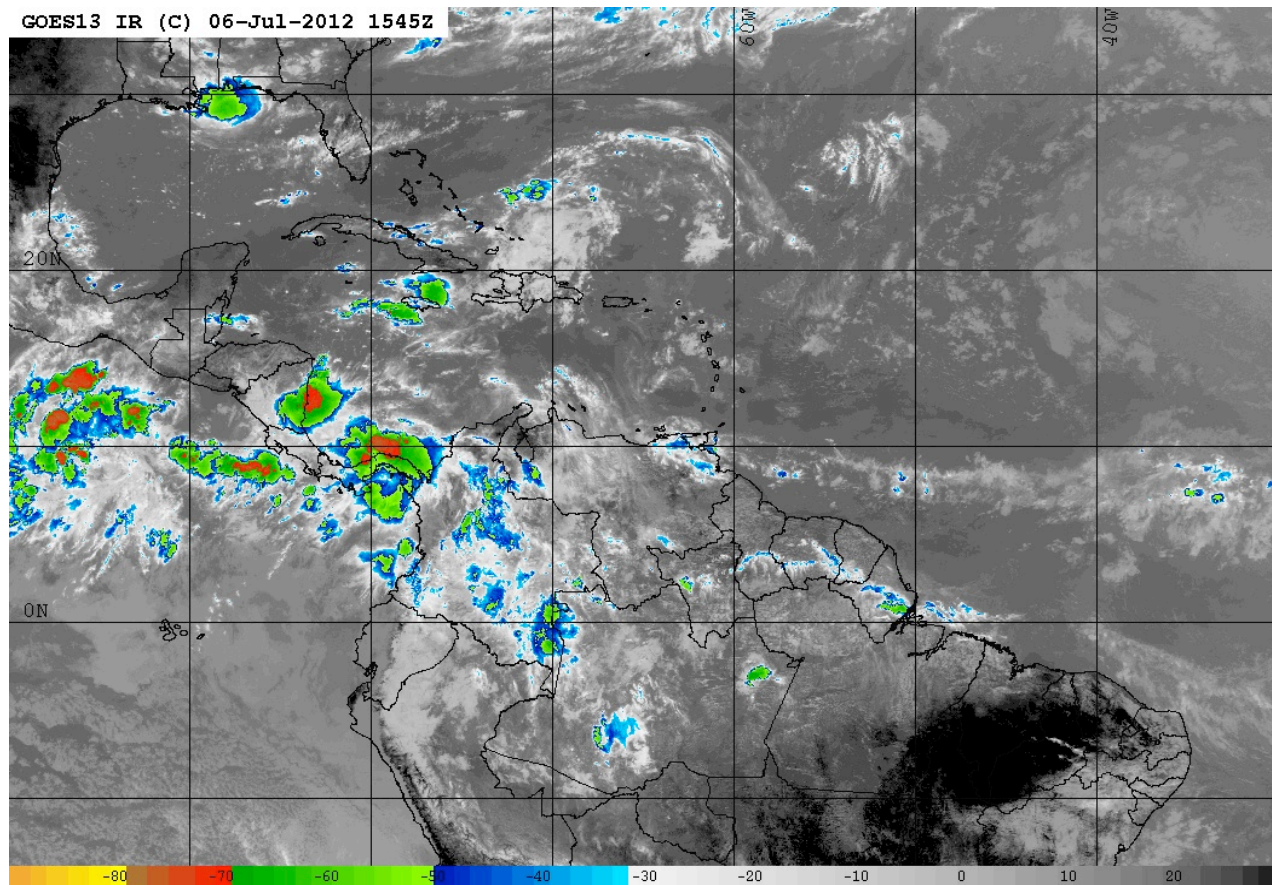


Figure 1 GOES IR Satellite image for 9:45 am, Friday, July 6, 2012, showing scattered convection over and off-shore central Belize. The **tropical wave** west of Jamaica is generating deeper convection around and west of Jamaica as it moves W at 15 mph. Deep convection noted in the eastern Pacific of the Isthmus of Tehuantepec associated with a tropical disturbance drifting westward.

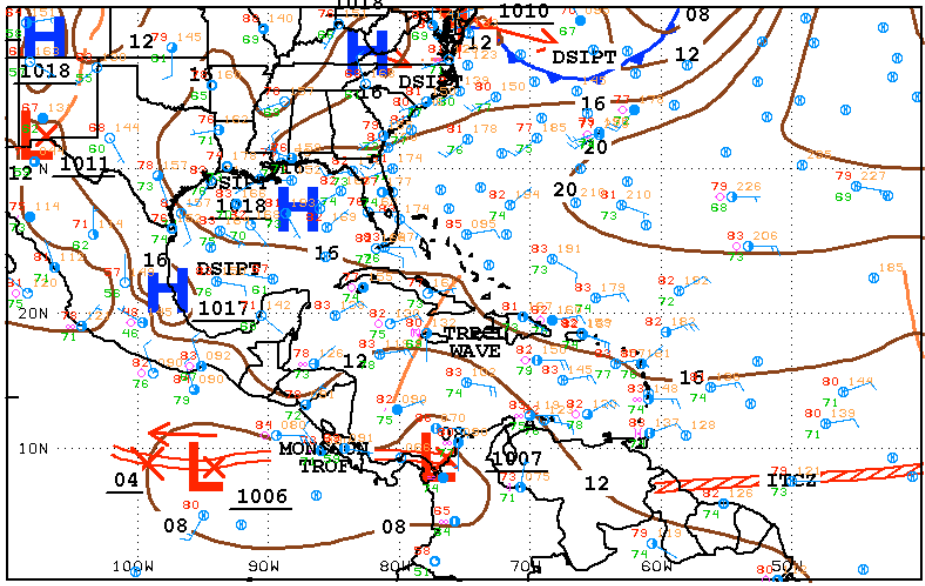


Figure 2 NHC surface map for 9:00 am, July 6, 2012, showing active tropical wave just west of Jamaica heading westwards at 15 mph.



12Z SOUTHWEST NORTH ATLANTIC SFC ANALYSIS
 ISSUED: FRI JUL 6 14:41:54 UTC 2012

NATIONAL HURRICANE CENTER
 MIAMI, FLORIDA
 BY TAB ANALYST: PAW
 COLLABORATING CENTERS: NHC OPC HPC

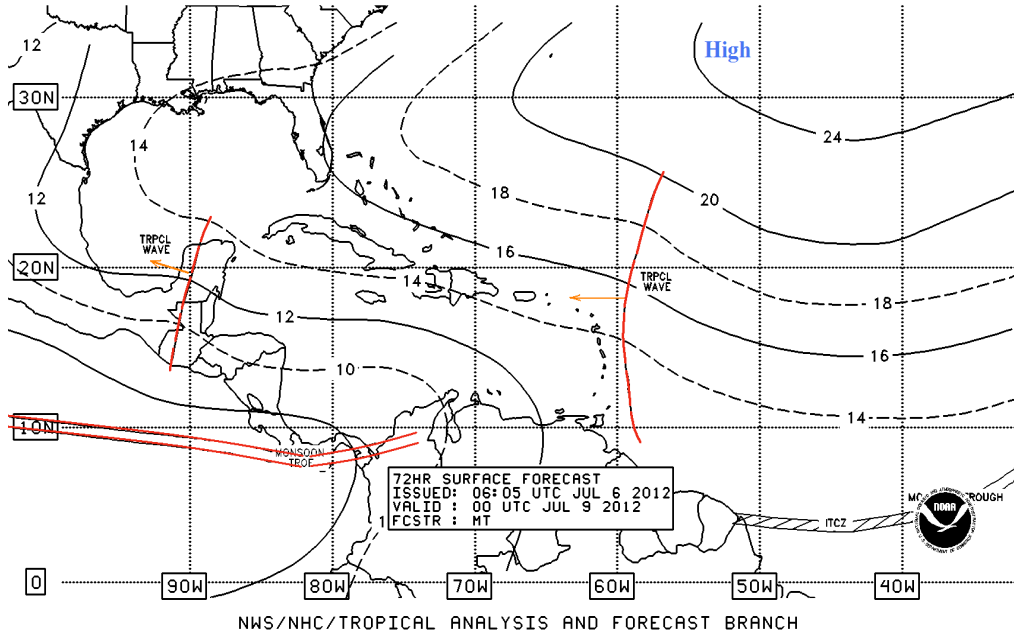


Figure 3 NHC 72-hr forecast surface map valid for 6:00 pm Sunday, July 8, 2012, showing TW over western Yucatan and Guatemala. Another TW can be observed approaching the eastern Caribbean.

72HR SURFACE FORECAST
 ISSUED: 06:05 UTC JUL 6 2012
 VALID: 00 UTC JUL 9 2012
 FCSTR: MT

NWS/NHC/TROPICAL ANALYSIS AND FORECAST BRANCH

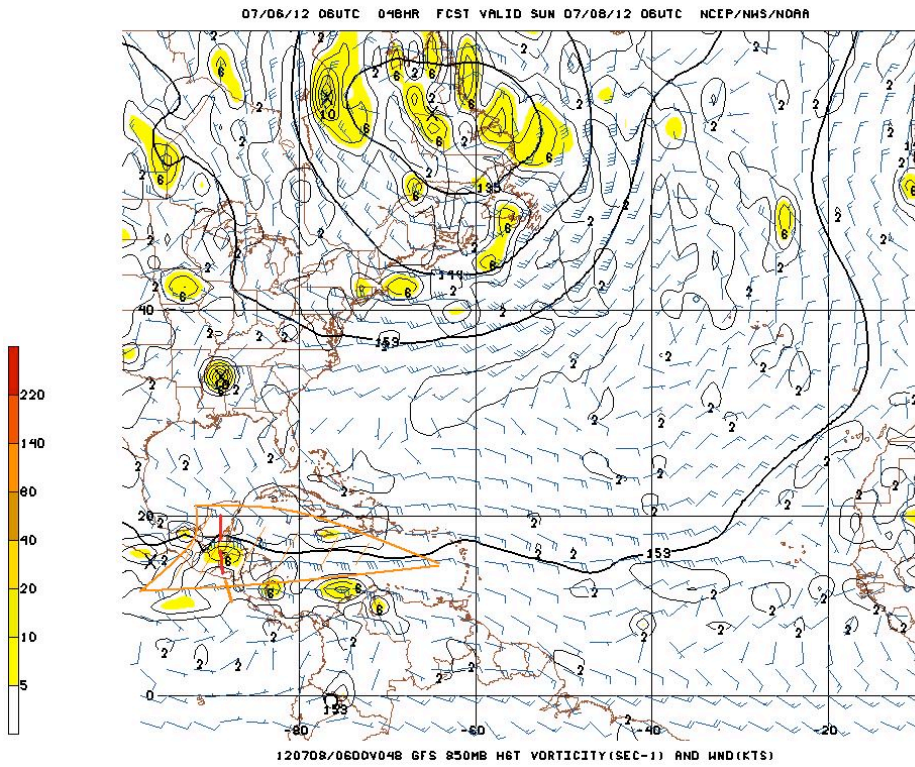


Figure 4 GFS Model 48-hr 5,000 ft (850 mb) vorticity projection showing vorticity (yellow shaded area) maximum near southern Belize along axis of TW. Also depicted is the surge of strong winds at the low level in the easterlies accompanying the tropical wave.

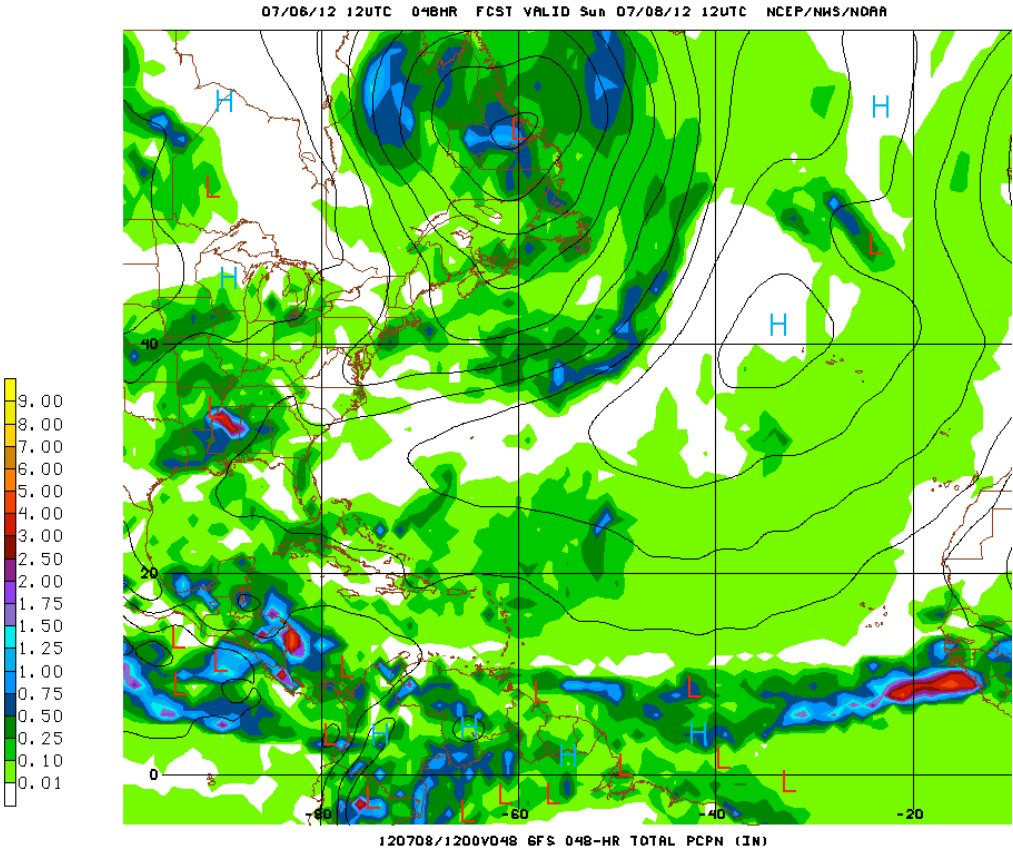









Figure 5 GFS model 48-hour rainfall projection valid for 6:00 am, Sunday, July 8, 2012 showing daily rainfall totals in the range of 1.00 – 2.00 inches for Saturday through Sunday morning.

The features of interest over the NW Caribbean and Belize this weekend are an approaching, active tropical wave (TW), coupled with a low level easterly surge in the trade winds. The TW is tracking westwards at 15 mph and will cross Belize on Saturday evening and night. Outbreaks of showers and thunderstorms will continue today, increasing on Saturday through Sunday. The showers and thunderstorms will be intense at times, accompanied by squalls. The showers will be concentrated over the coastal zone and areas of the Belize, Stann Creek, Cayo and Toledo Districts. Showers will also affect northern districts but will be less concentrated.

Daily rainfall totals over central and northern areas will range from 0.50- 1.00 inch today Friday. Higher, daily rainfall amounts of 1.50-2.00 inches are expected on Saturday, Sunday and Monday, especially in the higher elevations of the Cayo, Stann Creek and Toledo Districts. Soil condition over most districts is near field capacity, so the runoff in the hilly terrain will be quicker.

Residents in low-lying and hilly areas should exercise caution this weekend. Remain vigilant and be prepared to move to higher grounds if necessary!

Belize Seven-day Outlook for Agriculture and Industry...

Fri	Sat	Sun	Mon	Tue	Wed	Thu
July 6, 2012	July 7, 2012	July 8, 2012	July 9, 2012	July 10, 2012	July 11, 2012	July 12, 2012
						
Cloudy with outbreaks of showers & thunderstorms mostly central & northern areas	Cloudy with more outbreaks of showers & thunderstorms mostly central & north	Cloudy with widespread showers & thunderstorms especially coastal zone	Cloudy with outbreaks of showers & thunderstorms mostly over central & southern districts	Cloudy with outbreaks of showers & thunderstorms mostly over central & southern areas	Cloudy with more outbreaks of showers & thunderstorms mostly along the coast	Cloudy with scattered showers & thunderstorms Central and South districts
Rainfall: 0.50-1.00 inch	Rainfall: 1.00-2.00 inches	Rainfall: 1.50-2.50 inches	Rainfall: 1.25-2.00 inches	Rainfall: 0.50-1.50 inch	Rainfall: 0.50-1.00 inch	Rainfall: 1.00 -2.00 inches

OUTLOOK FOR THE MAIN DEVELOPMENT REGION (MDR)
OF THE TROPICAL ATLANTIC BASIN

TROPICAL WEATHER OUTLOOK
NWS NATIONAL HURRICANE CENTER MIAMI FL
200 PM EDT FRI JUL 6 2012, 12:00 pm Local Time Belize...

FOR THE NORTH ATLANTIC...CARIBBEAN SEA AND THE GULF OF MEXICO...

TROPICAL CYCLONE FORMATION IS NOT EXPECTED DURING THE NEXT 48 HOURS.

FORECASTER BLAKE
