

Weekly Weather Outlook for Belize

Valid Time: March 26 – April 2, 2012

Feature(s) of Interest:

The feature of interest this week will continue to be a relatively stable and fresh Easterly to South-easterly airflow over the NW Caribbean, generated by a weakening Atlantic High and a broad low pressure system over Texas and Mexico. An active cold front system will move off the Texas Gulf coast at the end of the period on Monday, and will move vigorously south eastwards across the Gulf, reaching Yucatan and Belize by late Tuesday of next week.

We can therefore expect seasonally fair and sunny weather to continue through this week, with a few brief, daytime showers, especially in the central coastal areas during the morning hours, and over inland regions during the afternoon. Prefrontal thunderstorms are likely on Sunday, with increasing showers on Monday and Tuesday of next week.

Daily rainfall accumulations during this week will be minimal, ranging from 0.01-0.10 of-an-inch, especially over central regions and the hills. The 2012 Dry Season will continue across the nation over the next seven days. The best chance for thunderstorms and showers will be over the weekend on Sunday and Monday. The unsettled weather will continue on Tuesday of next week. Beware of Bush Fires! Avoid setting fires...

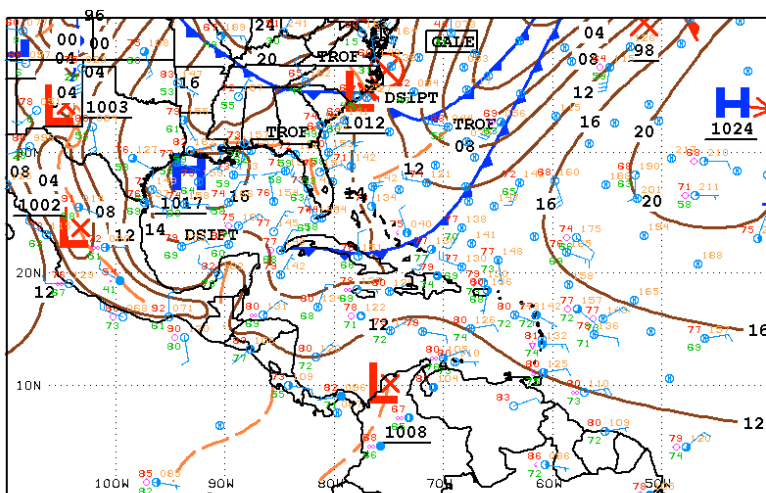


Fig. 1a NHC Surface map valid for 9:00 pm, Monday, March 26, 2012, showing weak surface trough over western Yucatan. Tail-end of a cold front noted over Cuba. Easterly airflow over Belize and the NW Caribbean.



00Z SOUTHWEST NORTH ATLANTIC SFC ANALYSIS
ISSUED:
Tue Mar 27 02:32:37 UTC 2012

NATIONAL HURRICANE CENTER
MIAMI, FLORIDA
BY TAFB ANALYST: MKH
COLLABORATING CENTERS: NHC OPC HPC

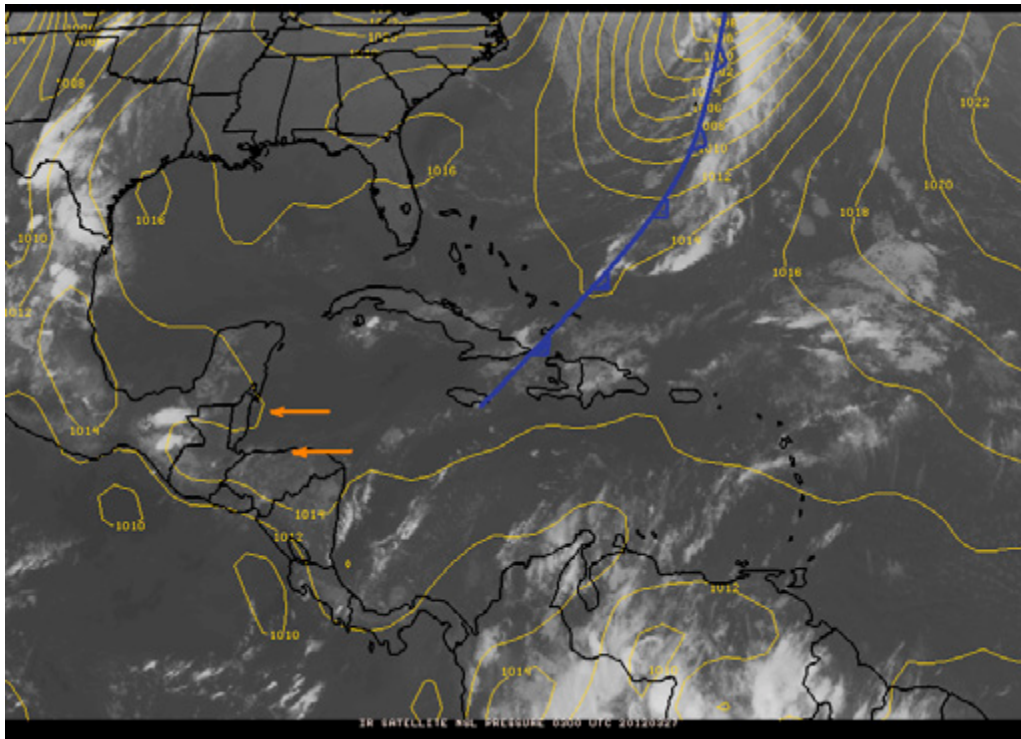


Fig. 1b Surface map and GOES IR Satellite picture valid for 9:00 pm, Monday, March 26, 2012, showing weak pressure gradient over the NW Caribbean and Belize. Little in the form of rain clouds over Belize.

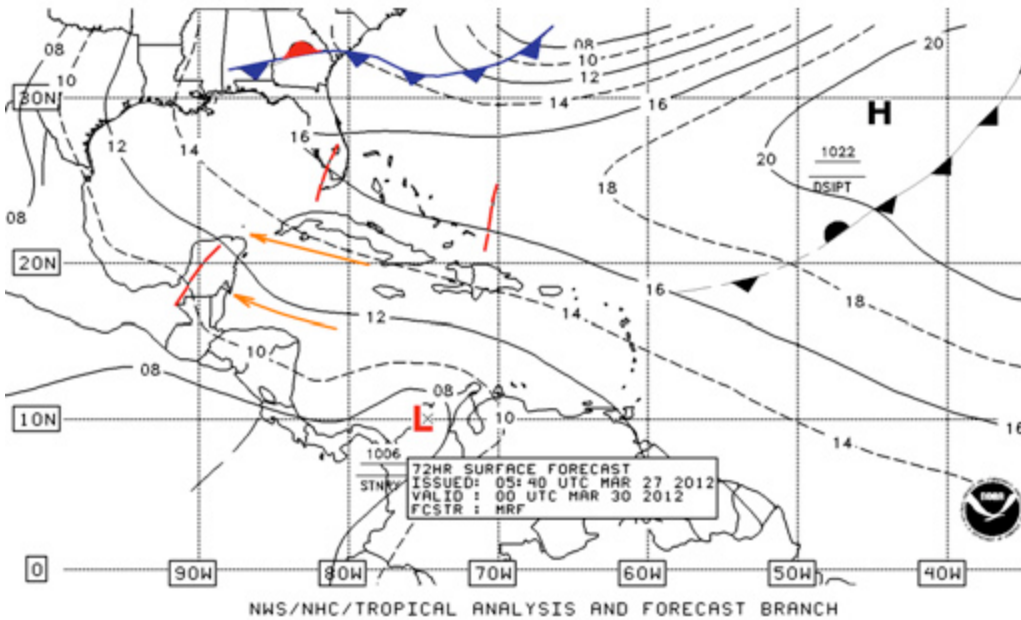


Fig. 2 NHC 72-hour forecast surface map valid for 6:00 pm Thursday, March 29, 2012 showing weak trough over western Yucatan and stable SE'ly airflow prevailing over the NW Caribbean.

03/27/12 00UTC 144HR FCST VALID Mon 04/02/12 00UTC NCEP/NWS/NOAA

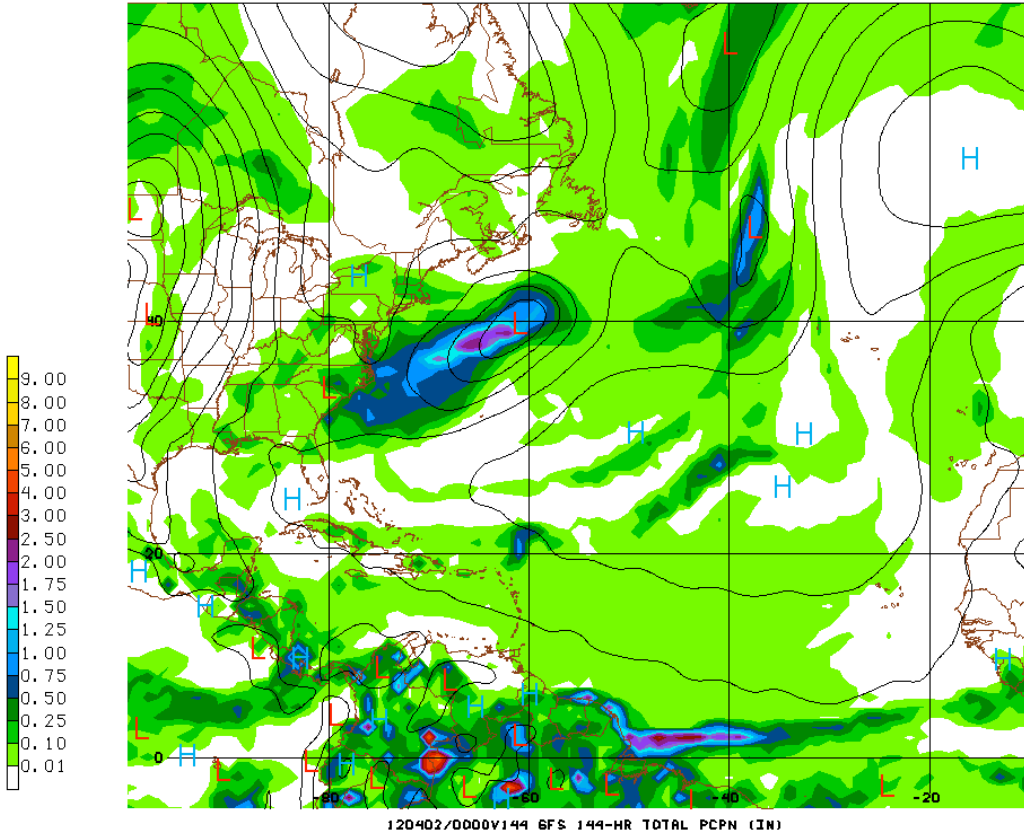


Fig. 3 GFS model 144-hour rainfall projection, showing previous 24-hour rainfall accumulations of 0.50-0.75 of an- inch of rainfall over central & western Belize, ending at of 6:00 pm, Sunday, April 1, 2012, associated with surface trough over Central America and eastern Mexico.

03/27/12 00UTC 168HR FCST VALID TUE 04/03/12 00UTC NCEP/NWS/NOAA

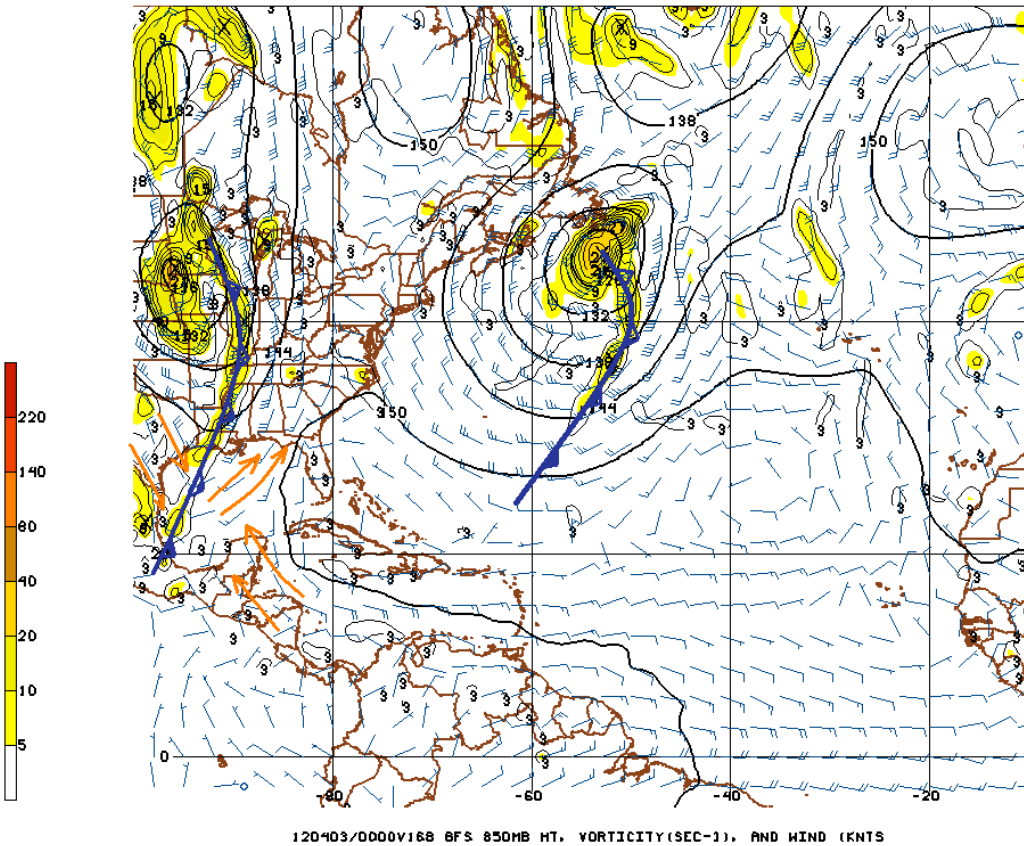


Fig. 4 GFS Model 850 mb (5,000 ft) level 168 hour vorticity projection valid for 6:00 pm Monday, April 2, 2012, showing active cold front moving SE across the western Gulf of Mexico. The approach and passage of this cold front over Belize will provoke outbreaks of showers & thunderstorms on Tuesday afternoon and night.

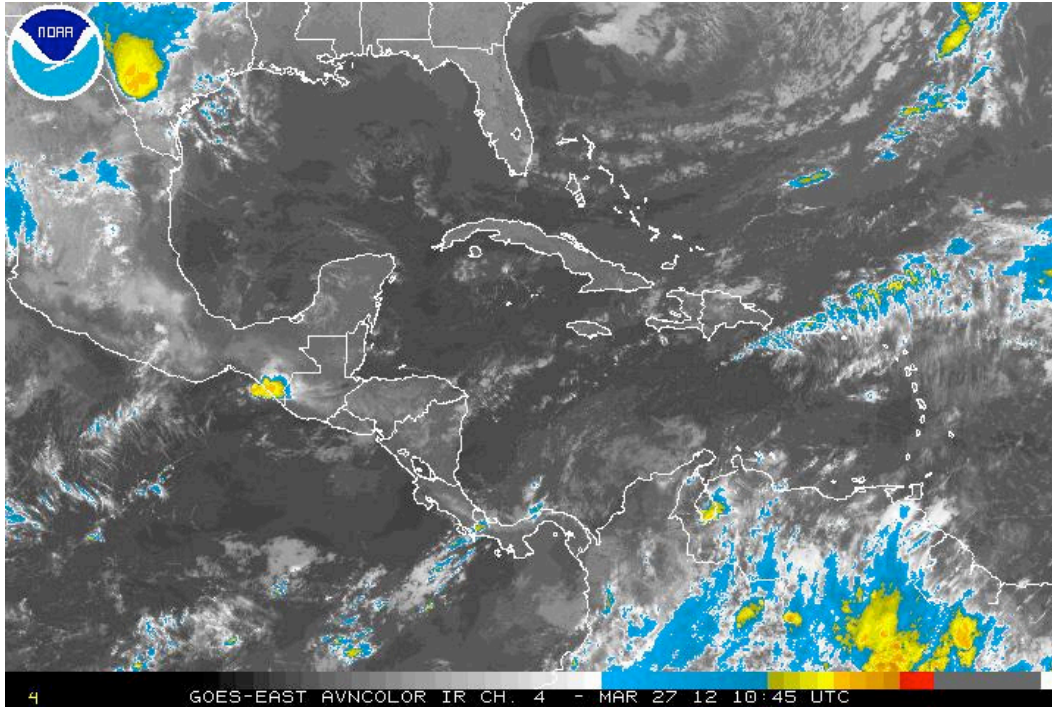


Fig. 5 GOES IR satellite image valid for 12:15 am, Tuesday, March 27, 2012, showing little or no rain clouds over and offshore Belize.

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

Mon	Tue	Wed	Thu	Fri	Sat	Sunday
Mar. 26, 2012	Mar. 27, 2012	Mar. 28, 2012	Mar. 29, 2012	Mar. 30, 2012	Mar.31, 2012	April 1, 2012
Sunny with cloudy spells and mild. Isolated, showers	Sunny with cloudy spells and mild. Isolated, showers	Sunny and warmer. Little or no rainfall	Sunny and warm. Mostly dry	Sunny and warm. Dry	Sunny and warm. Dry	Sunny with cloudy spells and mild. Few moderate showers
Rainfall: 0.01-0.10 of-an-inch	Rainfall: 0.01-0.10 of-an-inch	Rainfall: 0.01-0.10of-an-inch	Rainfall: 0.01-0.10 of-an-inch	Rainfall: 0.01-0.10 of-an-inch	Rainfall: 0.01-0.10 of-an-inch	Rainfall: 0.10-0.25 of-an-inch mostly central coast

Monday
Mar. 26, 2012

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