+++ Active MJO in progress +++ Low pressure system east of northern array +++

• Current Conditions/Previous Day Recap

Two areas of enhanced convection near the Equator today. One east of the northern array, and extending into the Southern Hemisphere, associated with the developing low pressure system. Another from Gan/Male west to ~60E. The RV Revelle was in between the two areas and has relatively less convective coverage on radar. In contrast, the SPOL radar was about as active as it could possibly be.

In the southern array, dry air remains in place. A localized area of low-level moisture moved over Diego Garcia (and can also be seen in the CIMSS morphed TPW), but above 700 mb it is still very dry. The RV Mirai remained very dry except immediately just above the surface.
• Day 1 (0Z 24-Nov to 25-Nov)

Low pressure system moves into or just north of the northern array. Meanwhile, the system is becoming better organized, so convection should be more limited to near the circulation center, mainly in the north and east of the northern array.

Gan. Mostly scattered storms, possibility of heavy rain possible first part of the day, the continuation of the convection now present over Gan. 10-40 mm accumulation.

Diego Garcia: Mostly dry, some isolated showers possible. 0-5 mm accumulation.

• Days 2-3 (0Z 25-Nov to 27-Nov)

Low pressure center moving across the northern end of the domain on day 2, moving NW away from the array on day 3, taking most of the organized convection with it. Organized convection in the north part of the northern array on day 2. The location and timing depend on the progress and degree of organization of the low pressure system.

Increasing convection in the eastern IO.

• Days 4-5 (0Z 27-Nov to 29-Nov)

Southern band becoming re-established on day 4 and more active on day 5. ECMWF and GFS both suggest another low pressure system beginning to form east of the northern array, and also a weak system just to the west of Diego Garcia.
Day 4: 0Z  27-Nov to  28-Nov

Day 5: 0Z  28-Nov to  29-Nov
Seychelles

Yesterday

Today
Colombo

Yesterday
CSU Skew-T

Today
CSU Skew-T
Male
Gan

Yesterday

CSU Skew-T

43599, VRMG
0.75 73.2E
12/22 Nov. 2011

Note - Quick-look data
wind barbs (knots)

Today

CSU Skew-T

43599, VRMG
0.75 73.2E
06Z 28 Nov. 2011

Note - Quick-look data
wind barbs (knots)
Diego Garcia
RV Mirai

Time series for 99990 from 11/16 to 11/24

Yesterday
CSU Skew-T
99990, JNSR
7.9S 80.5E
12Z 22 Nov. 2011

Today
CSU Skew-T
99990, JNSR
8.0S 80.5E
12Z 23 Nov. 2011

Note: Quick-look data
wind barbs (knots)
Begin Forecast Graphics
ECMWF (yesterday’s)

Day 0

Day 1

Day 2

Day 3

Day 4

Day 5

Day 6
Day 1: 0Z 24-Nov to 25-Nov

IMD NEW DELHI WRF (27 Km) RAINFALL (mm) FORECAST (48 hr) based on 00 UTC of 25-11-2011 valid for 20 UTC of 25-11-2011

NicAM OLR & Precip (00Z25NOV2011) Init:00Z22NOV2011

GFS frcst Precip for day 2 for: 20111125 from 00z

Climate Prediction Center UMC/ESSIC
Day 2: 0Z | 25-Nov to 26-Nov

IMD NEW DELHI WRF (27 Km) RAINFALL (mm) FORECAST (72 hr)

NICAM OLR & PRECIP (00Z26NOV2011) init:00Z22NOV2011

GFS fst Precip for day 3 for: 2011126 from 00z

Climate Prediction Center NCEP/ESSIC
Day 3: 0Z  26-Nov to 27-Nov
Day 5: 0Z 28-Nov to 29-Nov
Statistical

Western Pacific

Maritime Continent

Indian Ocean

ECMWF ensemble (1 month forecast)

Dynamical

GEFS

Western Pacific

Maritime Continent

Indian Ocean

NICAM