+++ Mostly dry and suppressed over the DYNAMO area +++

• Current Conditions/Previous Day Recap

Very dry and suppressed conditions continue over both DYNAMO domains. The exceptions are weak convergence zones, with some widely scattered convection, along the southern part of the southern array, including Diego Garcia, and along the Equator.

Widespread and organized convection is limited to the two low pressure systems in the South Indian ocean, with the eastern system much stronger, and JTWC has continued the TCFA on this system.
• Day 1 (0Z 6-Dec to 7-Dec)

Most organized convection is concentrated near the two low pressure systems in the South Indian ocean. Weak northern convergence band through the northern array. Southern convergence band active in the eastern IO with some scattered activity at the southern boundary of the southern array.

Gan: Isolated showers possible. 0-5 mm accumulation.

Diego Garcia: Scattered storms. 0-10 mm accumulation.

• Days 2-3 (0Z 7-Dec to 9-Dec)

Dominant, broad southern convergence band/ITCZ from the central to eastern Indian Ocean, passing through the southern array. The northern convergence band remains weaker and north of Gan. Best chance for organized convection in the vicinity of Gan (from the southern band) appears to be Wednesday night (day 2) into the first half of Thursday (day 3).

• Days 4-5 (0Z 9-Dec to 11-Dec)

Dominant southern convergence through the Southern array, centered about midway between Diego Garcia and Gan.

Northern Hemisphere convergence retreating into the western IO. Also, convective band sets up in the Bay of Bengal.
Note: AMSR-E down, TMI delayed.
Seychelles
Colombo

Yesterday
CSU Skew-T

43466,
6.9N 79.9E
122.04 Dec. 2011

Note: Quick-look data
wind bars (knots)

Today
CSU Skew-T

43466,
6.9N 79.9E
122.05 Dec. 2011

Note: Quick-look data
wind bars (knots)
Male

Yesterday

CSU Skew-T

43555, VRMM

42°N, 73.5°E

12/04 Dec. 2011

Note - Quick-look data
wind barbs (knots)

Today

CSU Skew-T

43555, VRMM

42°N, 73.5°E

12/05 Dec. 2011

Note - Quick-look data
wind barbs (knots)
RV Revelle

 Yesterday

 Today

 Time series for 99991 from 11/28 to 12/06

 wind barbs (knots)
Yesterday

CSU Skew-T

61967, DDRG

7.35 72.4E

12Z 04 Dec. 2011

Note - Quick-look data
wind bars (knots)

Today

CSU Skew-T

61967, DDRG

7.35 72.4E

12Z 05 Dec. 2011

Note - Quick-look data
wind bars (knots)
Begin Forecast Graphics
End of Day 0.
SOURCE: METEO-FRANCE & IPSL

End of Day 1.
SOURCE: METEO-FRANCE & IPSL

End of Day 2.
SOURCE: METEO-FRANCE & IPSL

End of Day 3.
SOURCE: METEO-FRANCE & IPSL

Mean Sea level Pressure (hPa), (arrows) 10m wind

Mean Sea level Pressure (hPa), (arrows) 10m wind

Mean Sea level Pressure (hPa), (arrows) 10m wind

Mean Sea level Pressure (hPa), (arrows) 10m wind

20.0 m/s
Day 2: 0Z 7-Dec to 8-Dec
Statistical

Dynamical

ECMWF monthly forecasts
Forecast based on 05/12/2011 00 UTC

ECMWF ensemble (1 month forecast)
MJO (5 day means)

Equatorial Rossby (3 day means)

Kelvin (1 day means)

Day -1 to 3

Day 4-8

Day 2-4

Day 5-7

Day -1 to 1

Day 0

Day 1

Day 0 of forecast is 4 Dec 2011

CAMS/Bureau of Meteorology