



**India Meteorological Department
Earth System Science Organisation
(Ministry of Earth Sciences)**

BULLETIN NO. : 01 (BOB/09/2018)

TIME OF ISSUE: 1230 HOURS IST

DATED: 10.11.2018

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Sub: Depression over southeast Bay of Bengal

Latest satellite imageries and surface observations indicate that a depression has formed over southeast Bay of Bengal and lay centred at 0830 hrs IST of today, the 10th November, 2018 near latitude 11.7°N and longitude 92.5°E, about 20 km northwest of Port Blair (Andaman Islands), 1340 km east-southeast of Chennai (Tamil Nadu) and 1390 km east-southeast of Nellore (Andhra Pradesh). It is very likely to intensify into a Deep Depression during next 24 hours and into a Cyclonic Storm during the subsequent 24 hours. It is very likely to move west-northwestwards during next 48 hours and then west-southwestwards towards north Tamil Nadu – south Andhra Pradesh coasts during the subsequent 72 hours.

Forecast track and intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
10.11.18/0830	11.7/92.5	45-55 gusting to 65	Depression
10.11.18/1730	12.5/91.0	50-60 gusting to 70	Deep Depression
11.11.18/0530	13.3/89.6	55-65 gusting to 75	Deep Depression
11.11.18/1730	13.8/88.8	65-75 gusting to 85	Cyclonic Storm
12.11.18/0530	13.8/86.7	75-85 gusting to 95	Cyclonic Storm
12.11.18/1730	13.6/85.7	90-100 gusting to 110	Severe Cyclonic Storm
13.11.18/0530	13.3/85.0	100-110 gusting to 120	Severe Cyclonic Storm
13.11.18/1730	12.9/84.0	110-120 gusting to 135	Severe Cyclonic Storm

Warnings:

(i) Heavy rainfall warning

- Rainfall at many places with heavy falls at isolated places very likely to commence over coastal Tamil Nadu and adjoining south coastal Andhra Pradesh from 14th November.
- Rainfall at most places with heavy to very heavy rainfall at isolated places is very likely over Andaman and Nicobar Islands on 10th and isolated heavy rainfall over Andaman Islands on 11th November 2018.

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

(ii) Wind warning

- Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over and around Andaman Islands and north Andaman Sea on 10th and 11th.
- Squally wind speed reaching 45-55 kmph gusting to 65 kmph very likely over southeast & adjoining eastcentral Bay of Bengal on 10th. The wind speed will gradually increase becoming 50-60 kmph gusting to 70 kmph on 11th,
- Gale wind speed reaching 65-75 kmph gusting to 85 kmph is very likely over central parts of south & adjoining west central and eastcentral Bay of Bengal from 11th November 2018 evening. It would gradually increase becoming 90-100 kmph gusting to 110 kmph over west central and adjoining southwest Bay of Bengal from 12th November 2018 evening
- Squally wind speed reaching 45-55 kmph gusting 65 kmph likely to commence along and off north Tamil Nadu – south Andhra Pradesh coasts from 13th November evening.

(iii) Sea condition

The sea condition is very likely to be rough to very rough over north Andaman Sea and southeast & adjoining eastcentral Bay of Bengal on 10th and 11th; high over central parts of south & adjoining west central & adjoining east central Bay of Bengal from 12th November. It is likely to become 'very high' over west central and adjoining southwest Bay of Bengal on 13th and over southwest and adjoining westcentral bay of Bengal on 14th. The sea condition is very likely to be and rough to very rough along and off Tamil Nadu -south Andhra Pradesh coasts from 13th November evening.

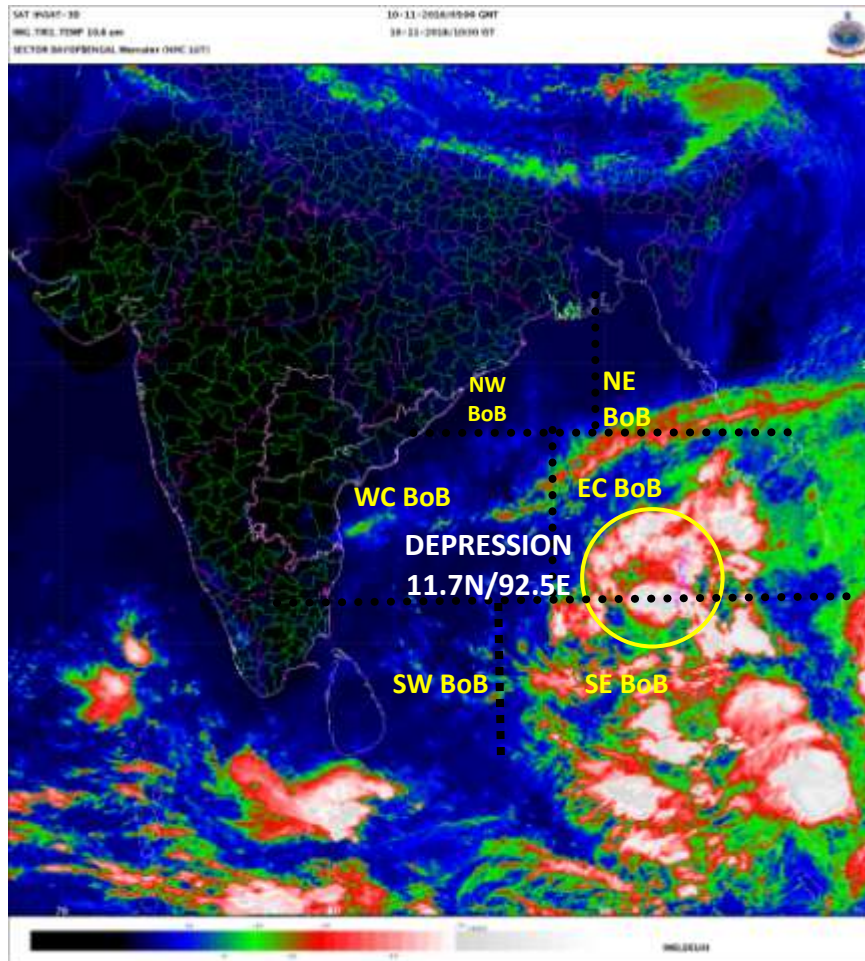
(iv) Fishermen Warning

- The fishermen are advised not to venture into Andaman Sea during next 48 hours, over central and adjoining southeast Bay of Bengal during 11th – 13th and over southwest and adjoining west central Bay of Bengal from 13th November.
- Those, who are out in deep sea areas are advised return to the coast before 12th November 2018.

The next bulletin will be issued at 1430 hrs IST of 10th November, 2018.

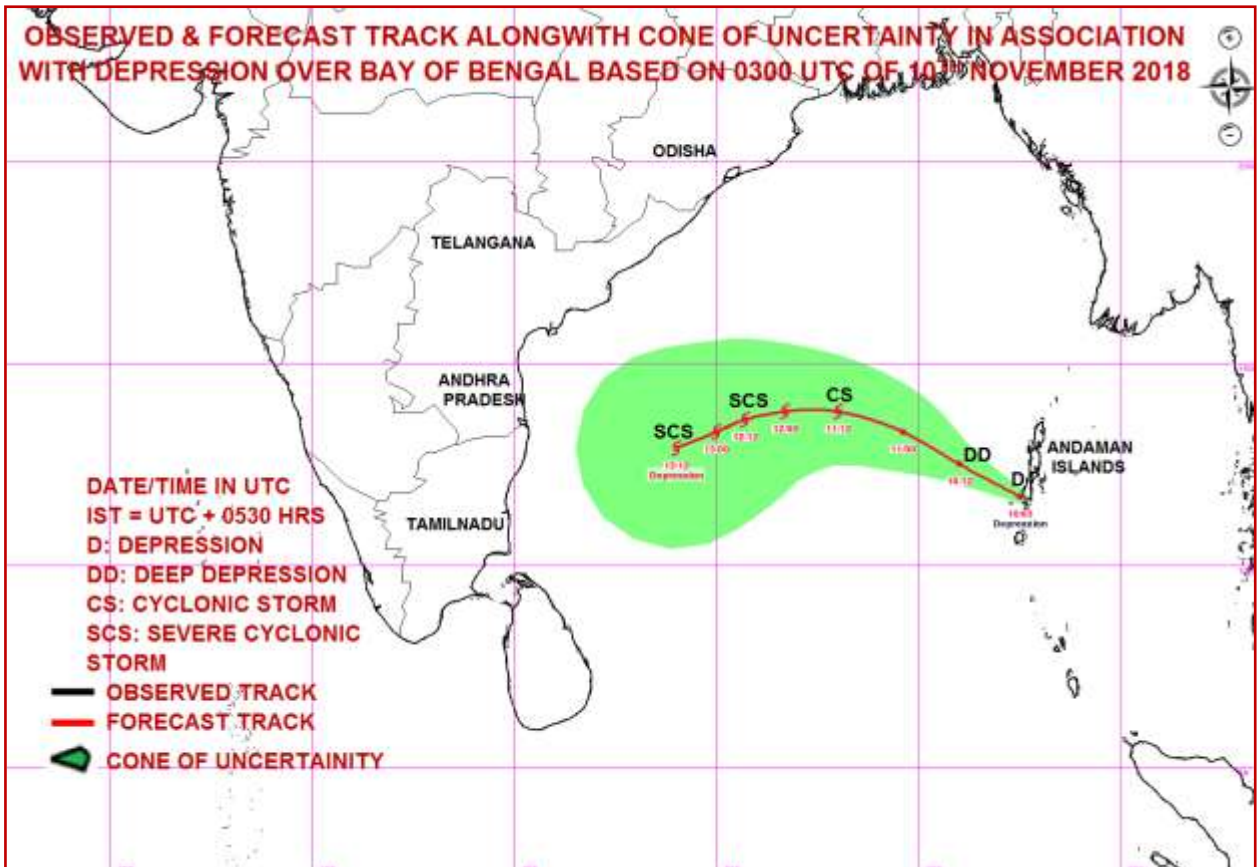
(Sunitha Devi)
Scientist-E, RSMC, New Delhi

Copy to: CRS, Pune/ ACWC Kolkata/ Chennai/ CWC Bhubaneswar/CWC Thiruvananthapuram

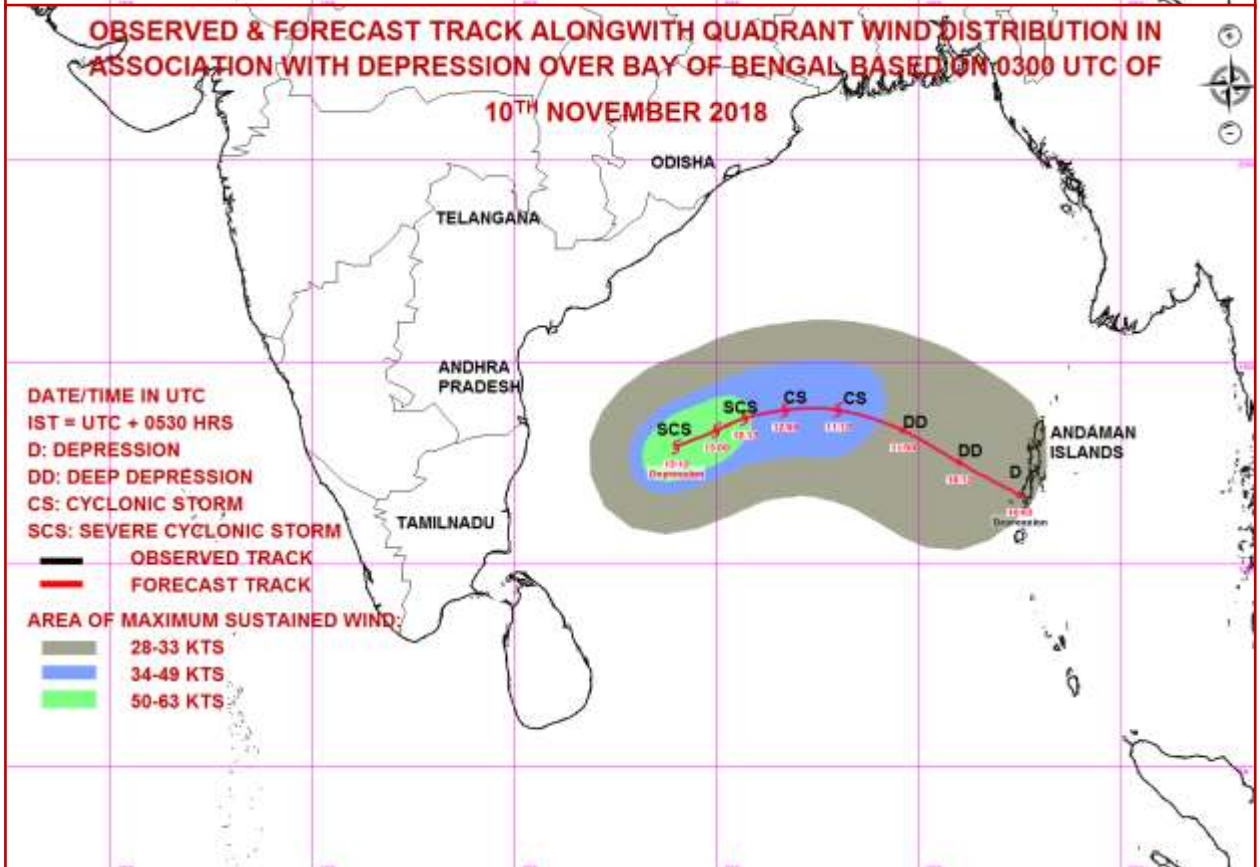


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 Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

OBSERVED & FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH DEPRESSION OVER BAY OF BENGAL BASED ON 0300 UTC OF 10TH NOVEMBER 2018



OBSERVED & FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION IN ASSOCIATION WITH DEPRESSION OVER BAY OF BENGAL BASED ON 0300 UTC OF 10TH NOVEMBER 2018



Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.