

Time of issue: 1130 hours IST

Dated: 09-10-2013

Bulletin No.: BOB 04/2013/06

**Sub: Deep Depression over north Andaman Sea: Cyclone Alert for North Andhra Pradesh and Orissa Coast.
Cyclone Warning for Andaman & Nicobar Island**

The deep depression over North Andaman Sea remained practically stationary and lay centred at 0830 hrs IST of today, the 09th October 2013 over north Andaman Sea near latitude 13.0^oN and longitude 93.5^oE, about 50 km east of Mayabandar, 170 km north-northeast of Port Blair, 1100 km east-southeast of Paradip, 1200 km east-southeast of Visakhapatnam. The system would intensify into a cyclonic storm during next 12 hours. It would move west-northwestwards and cross Andaman islands near Mayabandar by afternoon of today, the 9th October 2013 as a cyclonic storm. It would then continue to move west-northwestwards for some time and then northwestwards and cross north Andhra Pradesh and Odisha coast between Kalingapatnam and Paradip by night of 12th October, 2013 as a very severe cyclonic storm with a maximum sustained wind speed of 175-185 kmph.

Based on latest analysis with NWP models and other conventional techniques, estimated track and intensity of the system are given in the Table below:

| Date/Time(IST) | Position (Lat. ^o N/ Long. ^o E) | Sustained maximum surface wind speed (kmph) | Category |
|-----------------|---|---|----------------------------|
| 09-10-2013/0830 | 13.0/93.5 | 50-60 gusting to 70 | Deep Depression |
| 09-10-2013/1130 | 13.5/93.0 | 60/70 gusting to 80 | Cyclonic Storm |
| 09-10-2013/1730 | 14.0/92.5 | 65-75 gusting to 85 | Cyclonic Storm |
| 09-10-2013/2330 | 14.5/92.0 | 85-95 gusting to 105 | Cyclonic Storm |
| 10-10-2013/0530 | 15.0/90.0 | 95-105 gusting to 115 | Severe Cyclonic Storm |
| 10-10-2013/1730 | 15.5/89.0 | 115-125 gusting to 140 | Severe Cyclonic Storm |
| 11-10-2013/0530 | 16.0/88.0 | 135-145 gusting to 160 | Very Severe Cyclonic Storm |
| 11-10-2013/1730 | 16.5/87.0 | 155-165 gusting to 180 | Very Severe Cyclonic Storm |
| 12-10-2013/0530 | 17.0/86.0 | 175-185 gusting to 200 | Very Severe Cyclonic Storm |
| 12-10-2013/1730 | 18.0/85.0 | 175-185 gusting to 200 | Very Severe Cyclonic Storm |
| 13-10-2013/0530 | 19.5/84.5 | 65-75 gusting to 85 | Cyclonic Storm |
| 13-10-2013/1730 | 21.0/84.0 | 50 – 60 gusting to 70 | Deep Depression |
| 14-10-2013/0530 | 23.0/83.5 | 40 – 50 gusting to 60 | Depression |

Under the influence of this system, rainfall at most places with heavy to very heavy falls at a few places would occur over Andaman and Nicobar Islands during next 24 hrs. and isolated heavy to very heavy rainfall in subsequent 24 hrs. Isolated extremely heavy falls (≥ 25 cm) would occur over Andaman Islands during the same period.

Squally/Gale winds speed reaching 60-70 kmph gusting to 80 kmph would prevail over Andaman Nicobar Islands and adjoining sea areas during next 48 hours. Sea condition will be very rough to high along and off Andaman and Nicobar Islands during next 24 hrs.

Storm Surge Guidance: Storm surge with height of around 1m above astronomical tide would inundate low lying areas of Andaman Islands during landfall.

Damage expected over Andaman and Nicobar Islands.

Damage to thatched huts. Breaking of tree branches causing minor damage to power and communication lines.

Action suggested.

Fishermen are advised not to venture into Andaman sea and adjoining east central Bay of Bengal during next 48 hrs. Fishermen out at sea along north AP, Odisha and West Bengal coast are advised to return to coast.

The next bulletin will be issued at 1430 hrs IST of today, the 09th October, 2013.