



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

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CHIEF ADMINISTRATOR, ANDAMAN AND NICOBAR ISLANDS (FAX NO. 03192-232656)
CHIEF ADMINISTRATOR, GOVT. OF ODISHA (FAX NO. 0674-2536660)

Sub: (1) Very Severe Cyclonic Storm 'OCKHI' over eastcentral Arabian Sea
(2) Well Marked low pressure area over Southeast Bay of Bengal

1) Very Severe Cyclonic Storm 'OCKHI' over eastcentral Arabian Sea

The **very severe cyclonic storm 'OCKHI'** over eastcentral Arabian Sea moved further north-northeastwards with a speed of 13 kmph during past 6 hours and lay centred at 1430 hrs IST of 04th December, 2017 over eastcentral Arabian Sea near Latitude 15.2° N and Longitude 69.0° E, about 590 km southwest of Mumbai and 770 km south-southwest of Surat. It is very likely to continue to move north-northeastwards, weaken gradually and cross south Gujarat and adjoining north Maharashtra coasts near Surat as a deep depression by the night of tomorrow, the 5th December 2017.

Track and intensity forecast of the system is given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
04/1430	15.2/69.0	120-130 GUSTING TO 145	VERY SEVERE CYCLONIC STORM
04/1730	15.8/69.3	110-120 GUSTING TO 135	SEVERE CYCLONIC STORM
04/2330	16.5/69.8	100-110 GUSTING TO 120	SEVERE CYCLONIC STORM
05/0530	17.3/70.4	90-100 GUSTING TO 110	CYCLONIC STORM
05/1130	18.4/71.2	70-80 GUSTING TO 90	CYCLONIC STORM
05/2330	20.5/72.6	50-60 GUSTING TO 70	DEEP DEPRESSION
06/1130	22.3/73.8	35-45 GUSTING TO 55	DEPRESSION

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.

Warning:

(i) Heavy Rainfall:

- **Gujarat :** Light to moderate rainfall is very likely at a few places over Saurashtra and south Gujarat region on 4th December. Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely over Saurashtra and south Gujarat region on 05th December (Valsad, Surat, Navsari, Bharuch, Dang, Tapi, Amreli, Gir- Somnath, Bhavnagar, Diu, Daman, Dadra, and Nagar Haveli districts) and light to moderate rainfall over Gujarat region at many places on 6th December.
- **Maharashtra:** Light to moderate rainfall is very likely at a few places over north Konkan including Mumbai on 4th December. Light to moderate rainfall at most places with isolated heavy rainfall is also likely over north Konkan on 5th December (Palghar, Thane, Raigarh, Greater Mumbai, Dhule, Nandurbar, Nashik, Jalgaon, Ahmednagar and Pune districts).

(ii) Wind:

- Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely along & off north Maharashtra and South Gujarat coasts from today, the 4th night to 6th December 2017 morning.

(ii) Sea condition:

- Sea condition would be rough to very rough along & off north Maharashtra and South Gujarat coasts from today, the 4th night to 6th December 2017 morning.

(iii) Damage Expected over south Gujarat (Valsad, Surat, Navsari, Bharuch, Dang, Tapi, Amreli, Gir- Somnath, Bhavnagar districts), Daman, Diu, and Dadra, Nagar Haveli and north Konkan Districts of Maharashtra (Palghar, Thane, Raigarh, and Greater Mumbai):

Minor damage to loose / unsecured structures. Minor damage to Banana trees. Some damage to agriculture near coast due to salt spray. Damage to ripe paddy crops. Minor damage to Kutch embankments.

(iv) Action suggested

- **South Gujarat and north Maharashtra coasts:** Fishermen are advised not to venture into the Sea along & off South Gujarat and north Maharashtra coasts from 4th December to 6th morning.

2. Well Marked low pressure area over Southeast Bay of Bengal:

A well marked low pressure area lies over southeast Bay of Bengal and adjoining south Andaman Sea. It is very likely to become a depression over southeast Bay of Bengal during next 24 hours and further intensify into a deep depression during subsequent 48 hours. It is very likely to move west-northwestwards towards north Tamilnadu - south Andhra Pradesh coasts during next 3 days.

Warning:

Heavy Rainfall:

- Rainfall at most places with isolated heavy rainfall very likely over Nicobar Islands and rainfall at many places over Andaman Islands during next 3 days
- Rainfall at many places with heavy falls at isolated places very likely over north Andhra Pradesh and south Odisha on 7th and 8th December, 2017.

Wind:

Squally winds speed reaching 30-40 kmph gusting to 50 kmph on 4th, and 40-50 kmph gusting to 60 kmph on 5th and 6th December, 2017 very likely over and around Nicobar Islands and decrease thereafter.

Sea Condition:

Sea condition would be rough to very rough during 4th to 6th December, 2017 around Nicobar Islands.

Action suggested:

- Fishermen along and off Nicobar Islands are advised not to venture into sea during 4th to 6th December, 2017.
- Fishermen along and off Andhra Pradesh and Tamilnadu coasts are advised not to venture into sea during 6th to 8th December, 2017

The next bulletin will be issued at 2030 hrs IST of 04th December 2017.

(Neetha K Gopal)
Scientist-E
RSMC New Delhi

Copy to: CRS Pune/ ACWC Chennai/ ACWC Mumbai/ Kolkata/ MC Thiruvananthapuram/ Begaluru/ Goa/ Ahmedabad/ Hyderabad/ Bhubaneswar

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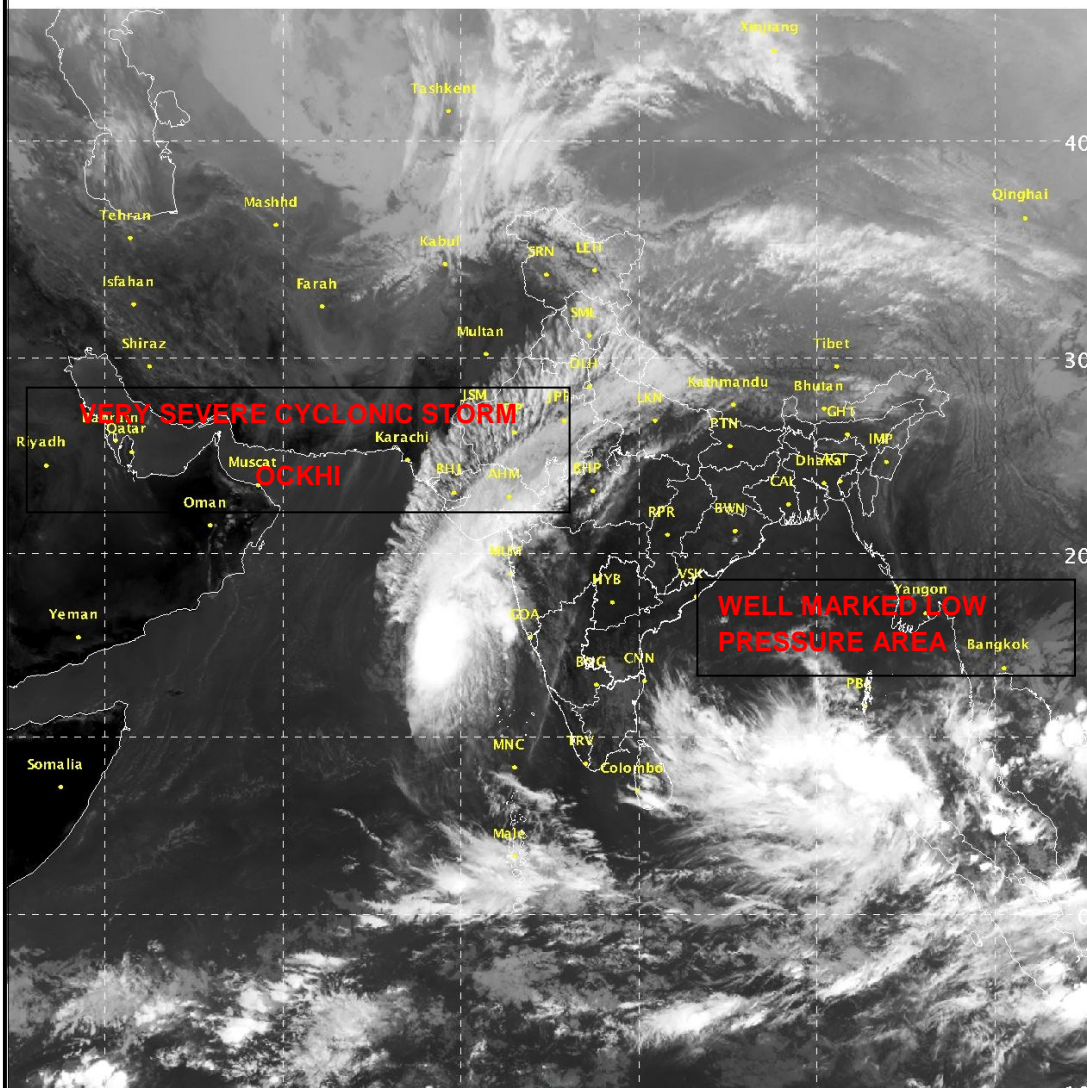
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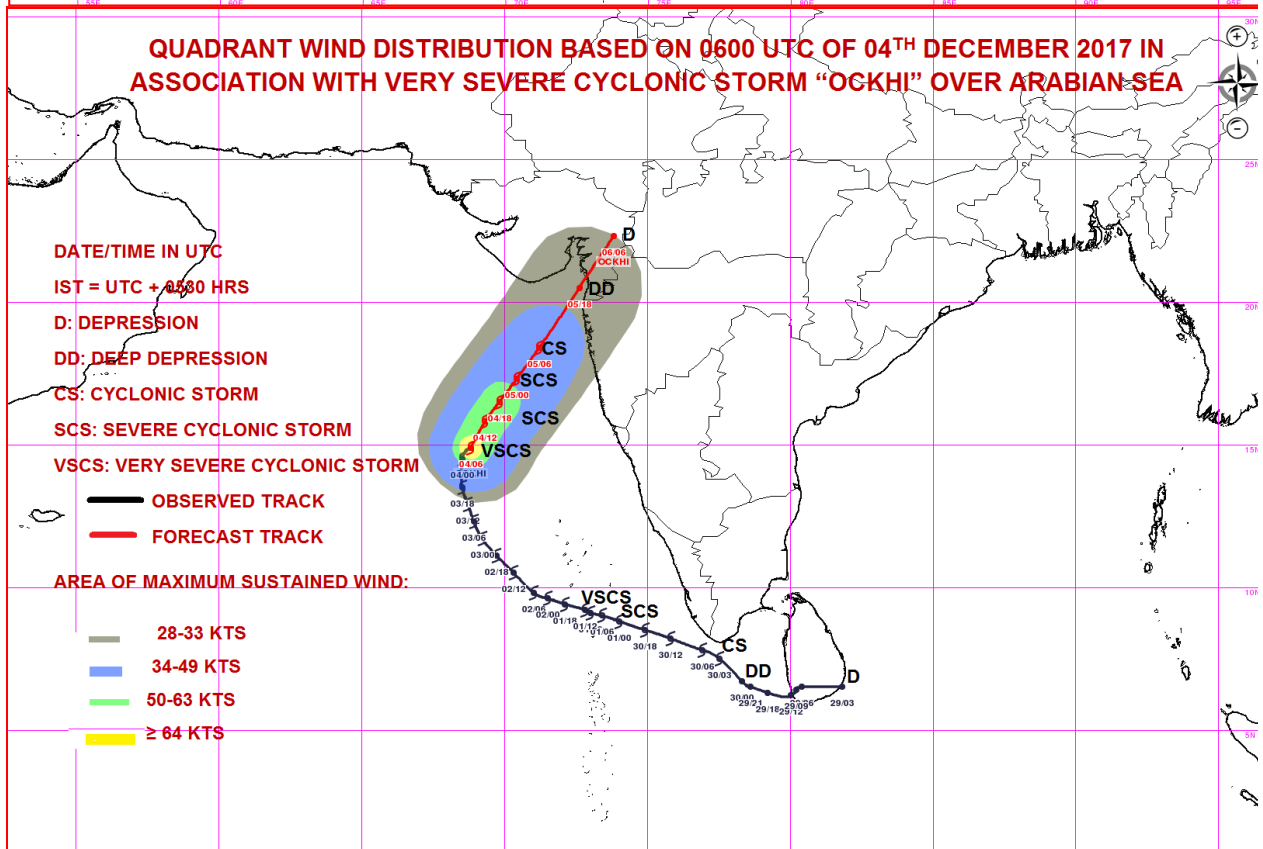
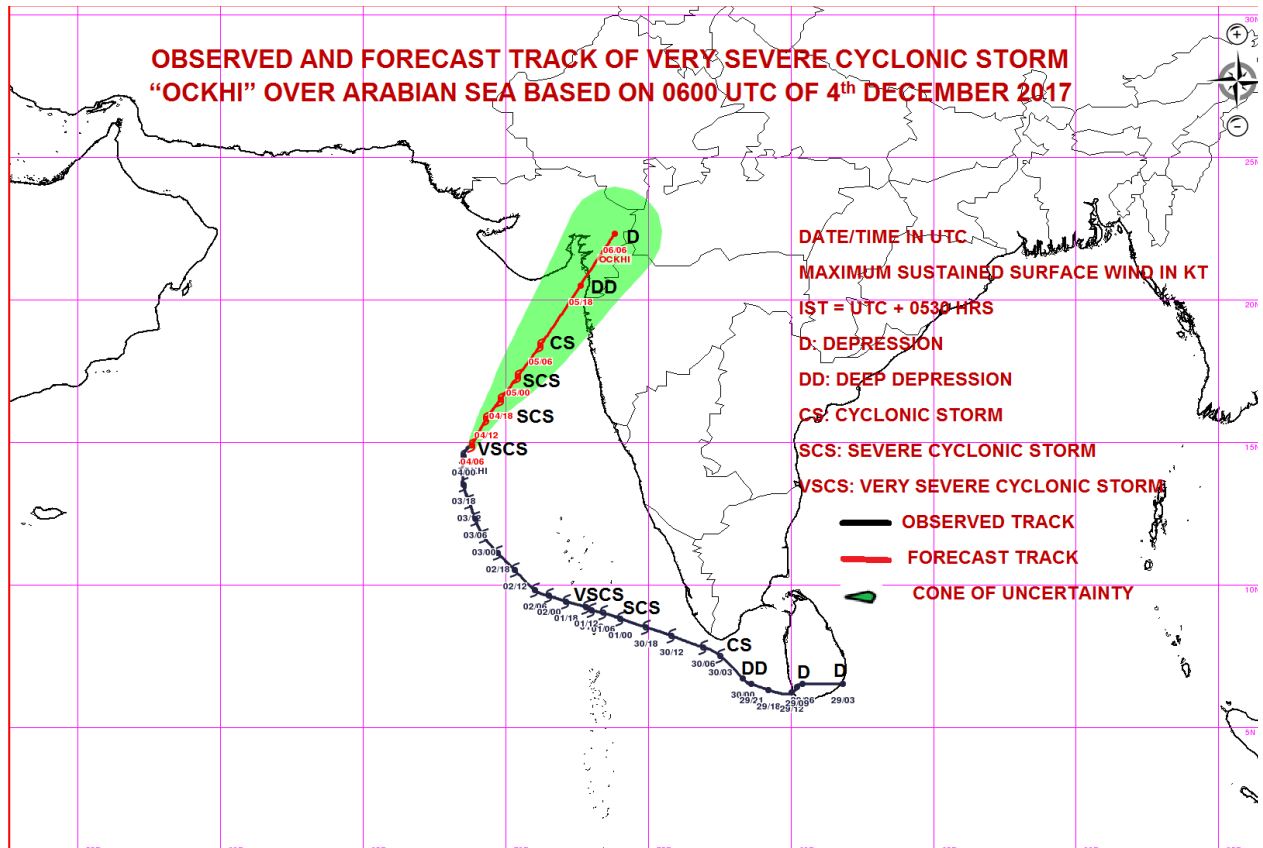
04-12-2017/15:00 IST

L1C Mercator (LINEAR STRETCH: 1.0%)



IMD/Delhi

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