



Government of India
Ministry of Earth Sciences
Earth System Science Organisation



Earth System Science Organisation
India Meteorological Department

PRESS RELEASE - 9

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Dated: 05-12-2017

**Sub: (i) Cyclonic Storm 'OCKHI' over eastcentral Arabian Sea
(ii) Well marked low pressure area over southeast Bay of Bengal**

1) Cyclonic Storm 'OCKHI' over eastcentral Arabian Sea

Yesterday's **Very Severe Cyclonic Storm** over eastcentral Arabian Sea moved north-northeastwards and weakened into a Severe Cyclonic storm in the evening of yesterday, the 4th December. Moving further north-northeastwards, it weakened into a cyclonic storm in the morning of today, the 5th December and lay centered at 0830 hrs IST of 05th December, 2017 over eastcentral Arabian Sea near Latitude 18.2° N and Longitude 70.8° E, about 390 km south-southwest of Surat and 230 km west-southwest of Mumbai. 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 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
05/0830	18.2/70.8	80-90 GUSTING TO 100	CYCLONIC STORM
05/1130	18.7/71.2	75-85 GUSTING TO 95	CYCLONIC STORM
05/1730	19.7/71.8	65-75 GUSTING TO 85	CYCLONIC STORM
05/2330	20.8/72.5	50-60 GUSTING TO 70	DEEP DEPRESSION
06/0530	21.9/73.2	35-45 GUSTING TO 55	DEPRESSION
06/1730	23.8/74.5	20-30 GUSTING TO 40	LOW

Warning:

(i) **Heavy Rainfall Warning:**

- **Gujarat** : Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely over Saurashtra and south Gujarat region till the morning of 6th December, 2017 (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 during subsequent 12 hours.
- **Maharashtra**: Light to moderate rainfall at most places with isolated heavy rainfall is also likely over north Konkan till the morning of 6th December, 2017 (Palghar, Thane, Raigarh, Greater Mumbai, Dhule, Nandurbar, Nashik, Jalgaon, Ahmednagar and Pune districts).

(ii) **Wind warning:**

- Squally wind speed reaching 50-60 kmph gusting to 70 kmph very likely along & off north Maharashtra and South Gujarat coasts during next 24 hours.

Contact: Cyclone Warning Division, Office of the Director General of Meteorology,
India Meteorological Department, Ministry of Earth Sciences.

Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220, E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in

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.

(iii) Sea condition:

- Sea condition would be rough to very rough along & off north Maharashtra and South Gujarat coasts during next 24 hours.

(iv) 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 and unsecured structures, breaking of tree branches, uprooting of small trees. Minor damage to banana trees. Some damage to agriculture near coast due to salt spray. Damage to ripe paddy crops. Minor damage to Kutcha embankments.

(v) 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 during next 24 hours.

2) Well Marked low pressure area over southeast Bay of Bengal

The well marked low pressure area over southeast Bay of Bengal and adjoining south Andaman Sea now lies over southeast Bay of Bengal and neighbourhood. It is very likely to become a depression over the same area during next 12 hours and further intensify into a deep depression during the subsequent 48 hours. It is very likely to move west-northwestwards towards north Tamil Nadu- south Andhra Pradesh coasts during next 3 days.

Warning:

(i) Heavy Rainfall Warning:

- 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

(ii) Wind Warning:

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

(iii) Sea Condition:

- Sea condition would be rough to very rough during 5th to 6th December, 2017 around Nicobar Islands.

(iv) Action suggested:

- Fishermen along and off Nicobar Islands are advised not to venture into sea till 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.

Both the systems are under constant surveillance and concerned State Governments are kept informed.

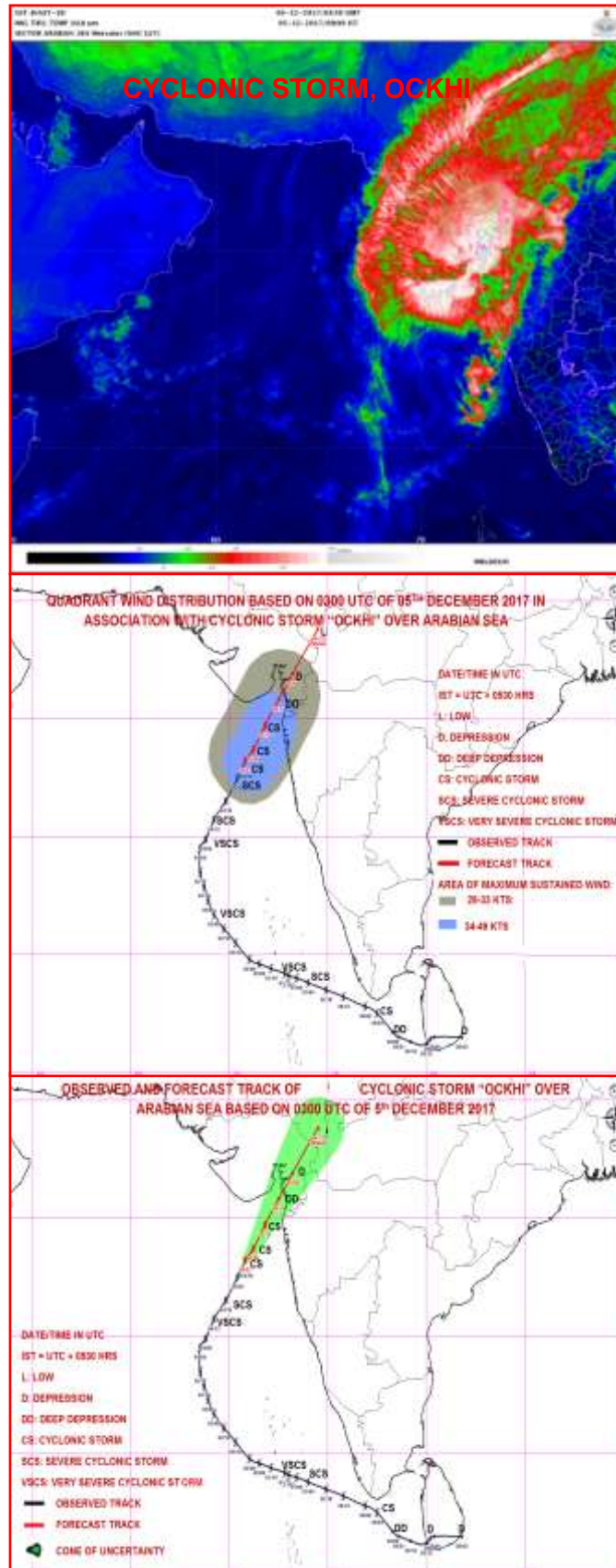
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(i) Graphics in association with VSCS Ockhi



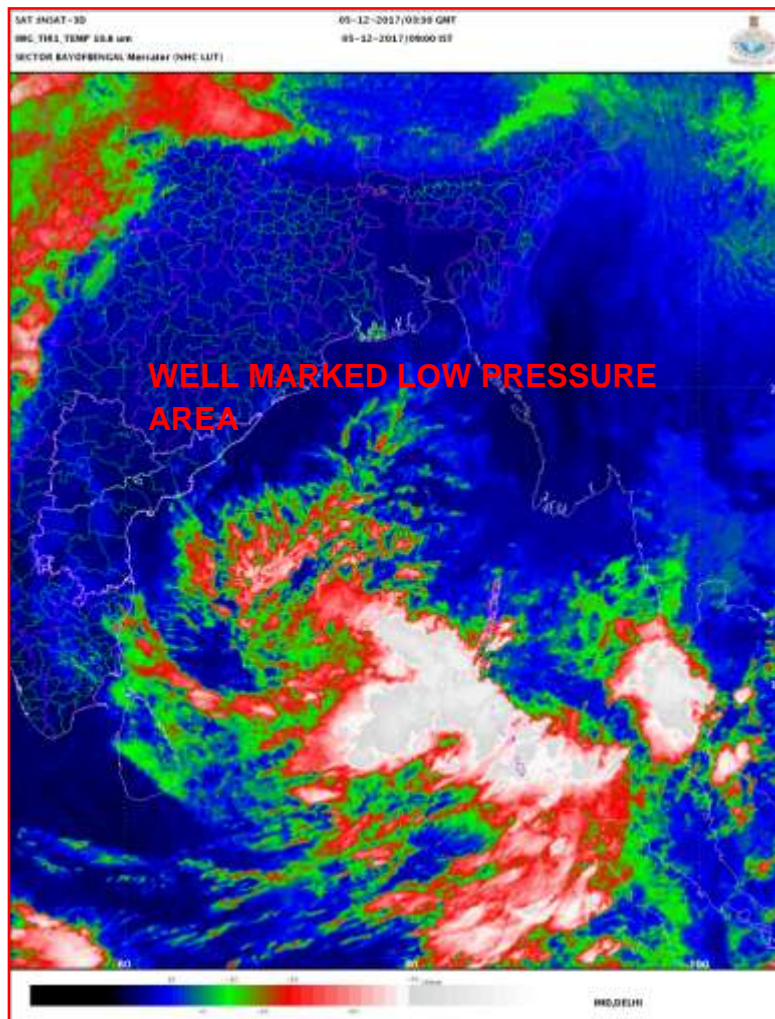
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(ii) Typical Satellite imagery in association with low pressure area over southeast Bay of Bengal



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