



MESSAGE

FROM: ESSO-INDIAN NATIONAL CENTRE FOR OCEAN INFORMATION SERVICES
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INCOIS-IMD JOINT BULLETIN

To:

Control Room, NDMA, Ministry of Home Affairs
Chief Secretary, Andaman & Nicobar
Commandant, Indian Coast Guard, A & N Region
Senior MET Officer, Eastern Naval Command, Indian Navy
Commandant, Indian Coast Guard, East Region
Commandant, Indian Coast Guard, North East Region
Reliance Foundation, Mumbai
MSSRF, Chennai
Ports in Tamil Nadu, AP, Odisha & West Bengal
Chief Secretary, Odisha
Chief Secretary, West Bengal
Chief Secretary, Government of AP
Chief Secretary, Government of Tamil Nadu & Puducherry
State Disaster Management Authority, West Bengal
State Disaster Management Authority, Odisha
State Disaster Management Authority, Andhra Pradesh
State Disaster Management Authority, Tamil Nadu
Commandant, Indian Coast Guard, A & N Region
Shipping Corporation of India
Basanti Devi College (INCOIS Project), Kolkata
IKSL- Odisha, Andhra Pradesh and West Bengal
Andhra University (INCOIS Project), Visakhapatnam

Time of issue: 10:30 hours IST Dated: 25.07.2025, Bulletin No.01: INCOIS/25/07/2025/01

Sub: INCOIS-IMD Joint Bulletin - Ocean State Forecast associated with Depression over Northwest Bay of Bengal and adjoining areas of coastal West Bengal and Bangladesh.

The well-marked low pressure area over the north Bay of Bengal moved slowly west-northwestwards and concentrated into a Depression & lay centred at 0530 hrs IST of today, the 25th July over Northwest Bay of Bengal and adjoining areas of coastal West Bengal and Bangladesh near Lat. 21.4°N and Long. 89.5°E, about 130 km south of Mongla (Bangladesh), about 150 km east-southeast of Sagar Island (West Bengal), about 170 km southeast of Kolkata (West Bengal).

It is very likely to move west-northwestwards and cross West Bengal and adjoining Bangladesh coasts during forenoon of today, the 25th July 2025. Thereafter, it is likely to continue to move west-northwestwards across Gangetic West Bengal and adjoining North Odisha and Jharkhand during subsequent hours.

High Wave/Ocean State Alert/Warning for Odisha & West Bengal:

West Bengal: High waves in the range of 2.2 – 3.4 meters are forecasted during 13:00 hours on 25-07-2025 to 23:30 hours on 26-07-2025 along the coast of West Bengal between Digha to Bakkhali. Surface Current speeds vary between 0.35 - 0.87 m/sec.

Odisha: High waves in the range of 2.0 – 3.2 meters are forecasted during 11:00 hours on 25-07-2025 to 23:30 hours on 26-07-2025 along the coast off Odisha from Gopalpur to Chandipur. Surface Current speeds vary between 0.5 - 0.98 m/sec.

Ocean state forecast - Offshore (Around the system):

High waves in the range of 3.5 – 4.7 meters are predicted from 11:00 hours on 25-07-2025 to 23:30 hours of 26-07-2025 around the system (Lat. 21.4°N and Long. 89.5°E, about 130 km south of Mongla (Bangladesh), about 150 km east-southeast of Sagar Island (West Bengal), about 170 km southeast of Kolkata (West Bengal)). Surface Current speeds vary between 60 - 105 cm/sec.

Warnings:

Fishermen Warnings:

Fishermen are advised not to venture into north Bay of Bengal, along & off Odisha, West Bengal and Bangladesh coasts for next 24 hours.

Wind Warnings:

Squally wind speed reaching 40-50 kmph gusting to 60 kmph is prevailing over north Bay of Bengal, along & off Odisha, West Bengal and Bangladesh coasts and is likely to continue for next 24 hours. Squally wind speed reaching 30-40 kmph gusting to 50 kmph is likely over West Bengal, Jharkhand, and North Odisha during next 24 hours.

Rainfall Warning:

- **Gangetic West Bengal:** Light to moderate rainfall at most places with **heavy to very heavy rainfall with extremely heavy rainfall (≥ 21 cm)** very likely at isolated places on 25th July; **heavy to very heavy rainfall** at isolated places during 26th -28th July.
- **Odisha:** Light to moderate rainfall at most places with **heavy to very heavy rainfall with extremely heavy rainfall (≥ 21 cm)** very likely at isolated places on 25th July; **heavy to very heavy rainfall** at isolated places during 26th -28th July.
- **Jharkhand:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** very likely at isolated places during 25th – 28th July.
- **Chhattisgarh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall with extremely heavy rainfall (≥ 21 cm)** very likely at isolated places on 25th & 26th July; **heavy to very heavy rainfall** at isolated places on 27th & 28th July.
- **Madhya Pradesh:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** very likely at isolated places during 25th – 28th July **with extremely heavy rainfall (≥ 21 cm)** on 26th & 27th July.

- **Bihar:** Light to moderate rainfall at most places with **heavy rainfall** very likely at isolated places during 25th – 27th July.
- **East Uttar Pradesh:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places on 25th & 26th July.

Impact Expected and Action Suggested due to heavy rainfall and squally winds (Odisha, Gangetic West Bengal, Chhattisgarh, Jharkhand, Bihar)

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutchha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Onshore and offshore operations may get affected.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action Suggested

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

**Marine Forecaster
Ocean State Forecast Team
Operational Ocean Services**

For complete details visit (<http://www.incois.gov.in/portal/osf/osf.jsp>)_