



MESSAGE

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**INCOIS-IMD JOINT BULLETIN**

**To:** Senior MET Officer, Eastern Naval Command, Indian Navy  
Commandant, Indian Coast Guard, East Region  
Commandant, Indian Coast Guard, North East Region  
Commandant, Indian Coast Guard, A & N Region  
Ports in AP, Odisha & West Bengal  
Chief Secretary, Odisha  
Chief Secretary, West Bengal  
Chief Secretary, Andaman & Nicobar  
Chief Secretary, Government of AP  
State Disaster Management Authority, Odisha  
State Disaster Management Authority, Andhra Pradesh  
Basanti Devi College (INCOIS Project), Kolkata  
IKSL- Odisha, Andhra Pradesh and West Bengal  
Andhra University (INCOIS Project), Visakhapatnam  
Chief Secretary, Government of Kerala  
KSDMA, Thiruvananthapuram  
Administrator, UT of Lakshadweep  
Commandant, Indian Coast Guard, Southern Region  
DNOM, Indian Navy  
Reliance Foundation, Mumbai  
MSSRF, Chennai  
PMSSS, Puducherry  
Administrator, UT Puducherry  
Kamaraj College, Tuticorin  
Ports in Tamil Nadu, Kerala and Lakshadweep  
Ports in Karnataka, Goa, Maharashtra and Gujarat  
Chief Secretary, Government of Tamil Nadu  
Chief Secretary, Government of Karnataka  
Chief Secretary, Government of Goa  
Chief Secretary, Government of Gujarat  
Chief Secretary, Government of Maharashtra  
Shipping Corporation of India.  
T.V. & Radio channels and newspapers of relevant states/UT  
KUFOS, Kochi

**Time of issue: 09:30 hours IST Dated: 09.10.2018, Bulletin No.: INCOIS/09/10/2018/1**

**Sub: (a) Deep Depression over westcentral Bay of Bengal: Cyclone Alert for Odisha & north Andhra Pradesh coasts (b) Cyclonic Storm, 'LUBAN' over westcentral & adjoining southwest Arabian Sea**

**(a) Deep Depression over eastcentral Bay of Bengal: Cyclone alert for Odisha and north Andhra Pradesh coasts:**

The deep depression over eastcentral Bay of Bengal moved further west-northwestwards with a speed of about 10 kmph in last 06 hours and lay cantered at 0530 hrs IST, 9<sup>th</sup> October 2018 over westcentral Bay of Bengal near latitude 14.7°N and longitude 87.1°E, about 560 km southeast of Gopalpur (Odisha) and 510 km southeast of Kalingapatnam (Andhra Pradesh). It is very likely to intensify into a Cyclonic Storm during next 24 hours. It is very likely to move west-northwestwards for some more time and then northwestwards and cross Odisha & adjoining north Andhra Pradesh coasts between Gopalpur & Kalingapatnam around morning of 11<sup>th</sup> October.

**High Wave/Ocean State warning/alert for Andaman & Nicobar, Odisha, North Andhra Pradesh and West Bengal**

**North Andhra Pradesh (Coastal) :** Waves with maximum heights in the range of 3.0 – 4.5 meters are forecasted during 10:30 hours on 09-10-2018 to 23:30 hours of 10-10-2018. Surface Current speeds vary between 80 - 170 cm/sec.

**Odisha (Coastal):** Waves with maximum heights in the range of 3.0 – 4.0 meters are forecasted during 10:30 hours on 09-10-2018 to 23:30 hours of 10-10-2018. Surface Current speeds vary between 80 - 160 cm/sec.

**West Bengal (Offshore):** High Ocean State associated with the depression in the open ocean (off West Bengal): Waves with maximum heights in the range of 3.0 - 3.5 meters (approximately 500 Km away from the coast) are forecasted during 10:30 hours on 09-10-2018 to 23:30 hours of 10-10-2018. Surface Current speeds vary between 70 - 180 cm/sec.

**Andaman (Coastal):** High waves in the range of 3.0 - 3.2 meters are forecasted during 10:30 hours on 09-10-2018 to 23:30 hours of 09-10-2018 along the west coast of Andaman Islands from Ten Degree Channel to Coco Channel. Surface Current speeds vary between 77 - 103 cm/sec.

**Nicobar (Coastal):** High swell waves in the range of 2.5 - 2.7 meters are forecasted during 10:30 hours on 09-10-2018 to 23:30 hours of 09-10-2018 along the west coast of Nicobar Islands from Ten Degree Channel to Great Channel. Surface Current speeds vary between 41 - 69 cm/sec.

**Warnings**

**Fishermen Warning: Total suspension of fishing operations.** The fishermen are advised not to venture into deep sea areas of central Bay of Bengal during 9<sup>th</sup> to 10<sup>th</sup> October 2018 and north Bay of Bengal during 9<sup>th</sup> to 11<sup>th</sup> October 2018 and into north Andaman Sea during next 12 hours. Those, who are out in deep sea areas are advised return to the coast.

**Wind warning:** Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely over north Andaman Sea, southeast & adjoining eastcentral Bay of Bengal and Andaman Islands during next 24 hours. Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely over deep sea areas of central & adjoining north Bay of Bengal during 09<sup>th</sup> and gradually increase to 80-90 kmph gusting to 100 kmph from 10<sup>th</sup> evening to 11<sup>th</sup> forenoon. Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely to

commence along & off along north Andhra Pradesh, Odisha and West Bengal coast from

today, the 9<sup>th</sup> October night. It is very likely to increase gradually becoming 80-90 kmph gusting to 100 kmph from 10<sup>th</sup> October 2018 evening onwards along & off south Odisha & adjoining districts of north Andhra Pradesh coasts and 55-65 kmph gusting to 75 kmph along & off north Odisha, west Bengal and remaining districts of north Andhra Pradesh coasts.

**Damage Expected over districts of Visakhapatnam, Vizianagaram and Srikakulam of Andhra Pradesh, Gajapati, Ganjam, Khurda, Nayagarh and Puri districts of Odisha :**

Damage to thatched huts; Minor damage to power and communication lines due to breaking of branches and Major damage to Kutcha and minor damage to Pucca roads. Some damage to paddy crops, banana, papaya trees and orchards. Sea water inundation in low lying areas after erosion of Kutcha embankments.

**Heavy rainfall warnings:**

Sub-Divisions	09 Oct. 2018*	10 Oct. 2018*	11 Oct. 2018*	12 Oct. 2018*
<b>Odisha</b>	Rainfall at many places with heavy falls at isolated Places over south coastal Odisha from evening/night.	Rainfall at most places with heavy to very heavy falls at a few places and extremely heavy falls at Isolated Places over coastal Odisha.	Rainfall at most places with heavy to very heavy falls at a few places and extremely heavy falls at isolated Places over coastal & adjoining interior Odisha.	Rainfall at many places with heavy falls at isolated Places over north coastal Odisha.
<b>North Coastal Andhra Pradesh</b>	Rainfall at a few places with heavy falls at isolated places from evening/night.	Rainfall at many places with heavy falls at isolated Places.	Rainfall at many places with heavy falls at isolated Places.	Nil
<b>Gangetic West Bengal</b>	Nil	Rainfall at many places with heavy to very heavy falls at isolated Places over coastal West Bengal	Rainfall at most places with heavy to very heavy falls at isolated Places	Rainfall at many places with heavy falls at isolated Places

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. [Green bar] [Yellow bar] isolated places [Yellow bar]

Note: \* Rainfall till 0830 IST of next day.

Legends: Red-Take Action; Orange- Be prepared; Yellow- be updated; Green: No warning

Heavy rain: 64.5-115.5 mm/day; Very heavy rain: 115.6-204.4 mm/day; Extremely heavy rain: more than 204.4 mm/day

**(b) Cyclonic Storm, 'LUBAN' over westcentral & adjoining southwest Arabian Sea:**

The Cyclonic Storm over westcentral & adjoining southwest Arabian Sea moved further west-northwestwards with a speed of about 07 kmph in last 06 hours and lay centered at 0530 hrs IST 09<sup>th</sup> October 2018 over westcentral & adjoining southwest Arabian Sea, near latitude 12.9°N and longitude 60.2°E, about 800 km east-southeast of Salalah (Oman), 680 km east of Socotra Islands (Yemen) and 940 km east-southeast of Al-Ghaidah (Yemen). It is very likely to intensify into a Severe Cyclonic Storm during next 12 hours. It is very likely to move west-northwestwards towards Yemen & South Oman Coasts during next 5 days.

**Warning**

**Wind warning:** Gale wind speed reaching 80-90 kmph gusting to 100 kmph is prevailing over westcentral & adjoining southwest Arabian Sea. It is very likely to increase gradually becoming 110-120 kmph gusting to 135 kmph during 10<sup>th</sup> to 12<sup>th</sup> October 2018 over westcentral Arabian Sea around the system centre. The wind speed is very likely to decrease gradually over southwest Arabian Sea during next 24 hours. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over adjoining areas of southeast and eastcentral Arabian Sea during next 12 hrs.

**Fishermen Warning:** The fishermen are advised not to venture into deep sea areas of westcentral Arabian Sea & Gulf of Aden till 13<sup>th</sup> October, adjoining southwest Arabian Sea till 10<sup>th</sup> October.

**Marine Forecaster  
Ocean State Forecast Team  
Information Services and Ocean Sciences Group**

For Specific Ocean State forecast for Shipping visit <http://115.113.76.77/shipforecast/shipforecast.html>

Port and Harbours visit (<http://115.113.76.77/OSF>).

For location specific forecast data for any part of Arabian Sea/ Bay of Bengal, visit

([http://115.113.76.77/webmapservice/Indian Ocean Forecast.html](http://115.113.76.77/webmapservice/Indian_Ocean_Forecast.html))

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