



MESSAGE

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

**To:** 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  
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

**Time of issue: 12:30 hours IST Dated: 07.10.2018, Bulletin No.: INCOIS/07/10/2018/2**

**Sub: INCOIS-IMD Joint Bulletin - Ocean State Forecast associated with (a) Depression over southeast & adjoining east-central Arabian Sea (b) Low Pressure area over southeast Bay of Bengal & adjoining north Andaman Sea**

#### **(a) Depression over southeast & adjoining east-central Arabian Sea**

The depression over southeast & adjoining eastcentral Arabian Sea moved further west-northwestward with a speed of about 12 kmph in last 06 hours and lay centred at 0830 hrs IST of today, the 7<sup>th</sup> October 2018 near latitude 12.0°N and longitude 65.6°E, about 1360 km east-southeast of Salalah (Oman), 1270 km east-southeast of Socotra Islands (Yemen) and 920 km west-northwest of Minicoy (Lakshadweep Islands). It is very likely to intensify further into a Deep Depression during next 12 hours and into a Cyclonic Storm during subsequent 24 hours. It is very likely to move west-northwestwards towards South Oman & adjoining Yemen Coasts during next 5 days.

#### **High Wave/Ocean State warning/alert for Kerala, Lakshadweep, Karnataka and South Tamil Nadu**

**Kerala (Offshore):** High Ocean State associated with the low pressure system/depression in the open ocean (off Kerala): Waves with maximum heights in the range of 3.0 - 4.0 meters (approximately 250 Km away from the coast) are forecasted during 13:30 hours on 07-10-2018 to 23:30 hours of 07-10-2018. Surface Current speeds vary between 35 - 85 cm/sec.

**Lakshadweep (Offshore):** High Ocean State associated with the low pressure system/depression (off Lakshadweep Islands): Waves with maximum heights in the range of 3.0 - 4.0 meters are forecasted during 14:30 hours on 07-10-2018 to 23:30 hours of 07-10-2018. Surface Current speeds vary between 50 - 100 cm/sec.

**Karnataka (Offshore):** High Ocean State associated with the low pressure system/depression in the open ocean (off Karnataka): Waves with maximum heights in the range of 3.0 - 4.0 meters (approximately 600 Km away from the coast) are forecasted during 17:30 hours on 07-10-2018 to 23:30 hours of 08-10-2018. Surface Current speeds vary between 35 - 85 cm/sec.

**South Tamil Nadu (Offshore):** High Ocean State associated with the low pressure system/depression in the open ocean (off South Tamil Nadu): Waves with maximum heights in the range of 3.0 - 4.0 meters are forecasted during 13:30 hours on 07-10-2018 to 23:30 hours of 07-10-2018. Surface Current speeds vary between 40 - 60 cm/sec.

#### **Warnings**

**Fishermen Warning:** The fishermen are advised not to venture into deep sea areas of southeast & Lakshadweep area during next 24 hours and into southwest & eastcentral Arabian Sea from 7<sup>th</sup> & 8<sup>th</sup> October and westcentral Arabian Sea from 8<sup>th</sup> to 12<sup>th</sup> October.

**Rainfall:** Heavy rainfall warning for Tamil Nadu & Puducherry, Kerala and Lakshadweep in association with cyclonic storm and easterly wave: Rainfall at most places with heavy at Isolated Places very likely to occur over Tamil Nadu & Puducherry, Kerala and Lakshadweep during next 24 hours.

**Wind Warning:** Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over Lakshadweep and southeast Arabian Sea during next 24 hours and over eastcentral Arabian Sea during next 48 hours. Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over westcentral & adjoining southwest Arabian Sea on 7<sup>th</sup> & 8<sup>th</sup> October 2018. It would gradually increase becoming 50-60 kmph gusting to 70 kmph from today, the 7<sup>th</sup> evening onwards and 60-70 kmph

gusting to 80 kmph from 8<sup>th</sup> October 2018 morning over westcentral & southwest Arabian Sea . It will also increase thereafter over westcentral Arabian Sea during 8<sup>th</sup> to 12<sup>th</sup> October 2018.

**(b) Low Pressure area over southeast Bay of Bengal & adjoining north Andaman Sea**

Under the influence of yesterday's cyclonic circulation over north Andaman Sea & adjoining Southeast Bay of Bengal, a low pressure area has formed over southeast Bay of Bengal & adjoining north Andaman Sea. It is very likely to become well marked during next 12 hours and concentrate into a Depression during subsequent 24 hours. It is very likely to move northwestwards towards Odisha coast during next 72 hours.

**Warnings:**

**Fishermen Warning**

The fishermen are advised not to venture into deep sea areas of north Andaman Sea and southeast & adjoining eastcentral Bay of Bengal during next 24 hours and over central & adjoining north Bay of Bengal during 8<sup>th</sup> to 10<sup>th</sup> October 2018. 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 45-55 kmph gusting to 65 kmph likely over deep sea areas of central & adjoining north Bay of Bengal from 8<sup>th</sup> to 10<sup>th</sup> October 2018.

**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, 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>)