



MESSAGE

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

To: Senior MET Officer, Eastern Naval Command, Indian Navy
Commandant, Indian Coast Guard, North West Region
Reliance Foundation, Mumbai
MSSRF, Chennai
PMSSS, Puducherry
Administrator, UT Puducherry
Kamaraj College, Tuticorin
Ports in Tamilnadu, Kerala and Lakshadweep
Chief Secretary, Government of Tamil Nadu
Chief Secretary, Government of Kerala
Chief Secretary, Government of Karnataka
KSDMA, Thiruvananthapuram
TNSDMA, Chennai
KSNDMC, Bengaluru
Chief Administrator, UT of Lakshadweep
Collector, U.T. of Lakshadweep
District Collectors, Kerala
District Collectors, Tamil Nadu
District Collectors, Karnataka
Department of Fisheries, Kerala
Department of Fisheries, Tamil Nadu
Department of Fisheries, Karnataka
Shipping Corporation of India.

Time of issue: 10:30 hours IST Dated: 15.03.2018, Bulletin No.: INCOIS/15/03/2018/1

Sub: INCOIS-IMD Joint Bulletin - Ocean State Forecast associated with the well marked low pressure area over Lakshadweep area

The depression over southeast Arabian Sea moved north-northwestwards and weakened into well marked low pressure area and lay over Lakshadweep and adjoining southeast Arabian Sea at 0530 hrs IST of 15th March. It is likely to move north-northwestwards and weaken gradually over southeast and adjoining eastcentral Arabian Sea during next 24 hours.

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

1. Lakshadweep:

Table 1: Forecasted highest wave and corresponding swell height, for coastal region, into the ocean upto 10 km off Lakshadweep Islands.

Location/District	Date/Time		Significant Wave Height (m) [max]	Swell height (m)
	From	To		
Minicoy	15-03-2018; 10:30	16-03-2018; 23:30	1.3	1.1
Kalpeni	15-03-2018; 10:30	16-03-2018; 23:30	1.8	1.3
Kavarati	15-03-2018; 10:30	16-03-2018; 23:30	1.7	1.3
Androth	15-03-2018; 10:30	16-03-2018; 23:30	2.0	1.3
Agati	15-03-2018; 10:30	16-03-2018; 23:30	1.7	1.4
Amini	15-03-2018; 10:30	16-03-2018; 23:30	1.8	1.3
Kadamat	15-03-2018; 10:30	16-03-2018; 23:30	1.9	1.3
Kiltan	15-03-2018; 10:30	16-03-2018; 23:30	2.3	1.2
Bitra	15-03-2018; 10:30	16-03-2018; 23:30	1.8	1.4
Chetlat	15-03-2018; 10:30	16-03-2018; 23:30	2.3	1.3

Offshore:

Waves in the range of 1.5 – 2.3 meters are forecasted during 10:30 hours on 15-03-2018 to 23:30 hours of 16-03-2018 off the coast of Lakshadweep Islands from Minicoy to Bitra. Current speeds vary between 60 - 104 cm/sec.

2. Kerala

Table 2: Forecasted highest wave and corresponding swell height, for coastal region, into the ocean upto 10 km off Kerala.

Location/District	Date/Time		Significant Wave Height (m) [max]	Swell height (m)
	From	To		
Thiruvananthapuram	15-03-2018; 10:30	15-03-2018; 23:30	1.4	1.1
Kollam	15-03-2018; 10:30	15-03-2018; 23:30	1.4	1.1
Alappuzha	15-03-2018; 10:30	15-03-2018; 23:30	1.2	1.0
Kochi	15-03-2018; 10:30	15-03-2018; 23:30	1.1	0.9
Thrissur	15-03-2018; 10:30	15-03-2018; 23:30	0.8	0.6
Malappuram	15-03-2018; 10:30	15-03-2018; 23:30	1.2	0.9

Kozhikode	15-03-2018; 10:30	15-03-2018; 23:30	1.2	0.9
Kannur	15-03-2018; 10:30	15-03-2018; 23:30	1.4	1.1
Kasargode	15-03-2018; 10:30	15-03-2018; 23:30	1.5	1.1

Offshore:

Waves in the range of 1.5 – 2.4 meters are forecasted during 10:30 hours on 15-03-2018 to 23:30 hours of 15-03-2018 off the coast of Kerala from Vizhinjam to Kasargod. Current speeds vary between 60 - 88 cm/sec.

3. Karnataka:

Table 3: Forecasted highest wave and corresponding swell height, for coastal region, into the ocean upto 10 km off Karnataka.

Location/ District	Date/Time		Significant Wave Height (m) [max]	Swell height (m)
	From	To		
Uttara Kannada	15-03-2018; 10:30	15-03-2018; 23:30	1.1	0.9
Udipi	15-03-2018; 10:30	15-03-2018; 23:30	1.0	0.7
Dakshina Kannada	15-03-2018; 10:30	15-03-2018; 23:30	1.3	1.0

Offshore: Waves in the range of 1.5 – 2.3 meters are forecasted during 10:30 hours on 15-03-2018 to 23:30 hours of 15-03-2018 along the coast of Karnataka from Mangalore to Karwar. Current speeds vary between 45 - 60 cm/sec.

4. South Tamil Nadu:

Table 4: Forecasted highest wave and corresponding swell height, for coastal region, into the ocean upto 10 km off South Tamil Nadu.

Location/District	Date/Time		Significant Wave Height (m) [max]	Swell height (m)
	From	To		
Kanyakumari	15-03-2018; 10:30	15-03-2018; 23:30	1.4	1.2
Tirunelveli	15-03-2018; 10:30	15-03-2018; 23:30	1.4	1.2
Tuticorin	15-03-2018; 10:30	15-03-2018; 23:30	1.1	1.0
Ramanathapuram	15-03-2018; 10:30	15-03-2018; 23:30	0.2	0.1

Offshore:

Waves in the range of 1.5 – 1.8 meters are forecasted during 10:30 hours on 15-03-2018 to 23:30 hours of 15-03-2018 off the coast of Southern Tamil Nadu from Kolachal to Kilakarai. Current speeds vary between 73 - 83 cm/sec.

[At a location 8.2 deg N, 73.3 deg E from a buoy by today at 08:30 IST: Observed wave height is 1.3 m, and forecasted was 1.5 m]

High sea state conditions around the system

High waves in the range of 1.5– 2.3 meters are forecasted over Lakshadweep and adjoining southeast Arabian Sea off south Karnataka and Kerala coasts during next 12 hours.

Warnings:

Heavy Rainfall warning: Rain/ thundershower at most places with isolated heavy falls very likely over Kerala and Lakshadweep Islands during next 24 hours. Rain/ thundershower at many places with isolated heavy falls likely over coastal Karnataka during next 24 hours. Rain/thundershower at a few places very likely over south Tamil Nadu during next 24 hours.

Wind warning: Squally winds speed reaching 35-45 kmph gusting to 55 kmph is very likely over Lakshadweep area and adjoining southeast Arabian Sea, off south Karnataka and Kerala coasts during next 24 hours.

Fishermen Warning: Fishermen are advised not to venture into sea over Lakshadweep and adjoining southeast Arabian Sea during next 12 hours.

**Marine Forecaster
Ocean State Forecast Team
Ocean Information and Forecast Services Group (ISG)**

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 Bay of Bengal, visit (http://115.113.76.77/webmapservice/Indian_Ocean_Forecast.html)

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