



Indian National Centre for Ocean Information Services (INCOIS)
Ministry of Earth Sciences (MoES), Govt. of India
Hyderabad

Press Release

Swell Surge Alerts are withdrawn for all Coastal States of India

INCOIS (under the MoES), is providing Ocean State Forecast (OSF) Services viz. Daily forecasts on wave height, direction and period (of both wind waves and swell waves), sea surface currents, Sea Surface Temperature, etc. INCOIS also provides forecasts on the state of the ocean during extreme weather conditions like cyclones, high wave/swell conditions, etc. based on multi-model operational forecasting system built upon numerical ocean models assimilated with real time data from buoys deployed in the coastal waters as well as in the open ocean, even deep south in the southern Indian Ocean.

INCOIS issued Swell Surge Warning/Alert for coastal states of India during 04-06 May 2024 due to high period swell waves generated from distant southern Indian Ocean. These long period swells combined with high tide conditions caused the coastal flooding in the low-lying areas of Kerala, South Tamil Nadu and other few coastal areas. Significant damage has been reported to coastal establishments.

Now, as per the multi model forecasts and buoy observations, the threat due to these high energy waves causing flooding and damage to low lying areas has passed. **Hence, the Swell Surge Alerts are withdrawn for all Coastal States of India.** However, there is still a possibility that the sea will be rough at nearshore regions. The public is advised to check INCOIS website at www.incois.gov.in/portal/osf/osf.jsp for further information and updates on Ocean State Forecast.

07th May 2024
INCOIS, Hyderabad