

Vigyan Samachar: MoES News/ 04/01/2021

High swell orange alert by INCOIS for different parts of the country

New Delhi, 04 January 2021 (Vigyan Samachar)

A high swell orange alert has been issued by the ESSO-Indian National Center for Ocean Information Services (INCOIS) for West Bengal, Odisha, Andaman and Nicobar during the next 48 hours.

There is a possibility of high swell wave in the range of 2.0-2.9 meter during 4 to 5 January,2021 in the coast of Odisha from Gopalpur to Chandipur and high waves in the range of 2.0-3.2 meters are forecasted during next 24 hours along the coast of West Bengal from Digha to Bakkhali. Unlike normal wind waves, swell surges are surface gravity waves that frequently cause damage to the coastal region sometime causing flash floods and damage the boats and nets of the fishermen. Fishermen are advised not

As per INCOIS forecast, west coast of Andaman Islands from *Ten Degree Channel* to Coco Channel and Nicobar Islands from Ten Degree Channel to Great Channel to witness high swell waves during next 24 hours. Fishermen are advised not to venture into these areas during this period.

According to INCOIS-IMD active Western Disturbance now lies as a middle and upper level cyclonic circulation over Central Pakistan & neighbourhood with its induced cyclonic circulation over southwest Rajasthan & neighbourhood at lower levels. A north-south zone of wind confluence continues to exist from North Punjab to Northeast Arabian Sea, with strong interaction between south westerly in association with the above Western Disturbance and lower level moist southeasterlies.

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