



Government of India  
Ministry of Earth Sciences



India Meteorological Department

## PRESS RELEASE -1

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**Sub: Likely formation of a Low pressure area over Andaman Sea around 9<sup>th</sup> October and its gradual intensification into a Depression over central Bay of Bengal during subsequent 2 days with likely north-westwards movement towards north Andhra Pradesh and Odisha coasts**

### Weather Systems:

- A fresh low pressure area is very likely to form over north Andaman Sea & adjoining eastcentral Bay of Bengal around 9 October 2020. It is very likely to move north-westwards towards north Andhra Pradesh and Odisha coasts with gradual intensification into a depression during subsequent 2-3 days.
- The current Low Pressure Area lies over northwest Bay of Bengal & adjoining Odisha coast. It is very likely to persist there till 5 October and become less marked thereafter. However, its associated cyclonic circulation is very likely to move over to south Chhattisgarh on 6<sup>th</sup> Oct and remain active till 7<sup>th</sup> Oct.

### Warnings:

#### (i) Rainfall warning

##### ● Rainfall (over Andaman & Nicobar Islands)

Light to moderate rainfall at most places with heavy (6.5-12 cm) to very heavy (12-20 cm) rainfall at isolated places would occur over Andaman & Nicobar Islands on 9<sup>th</sup> and 10<sup>th</sup> October.

- **Rainfall (over Odisha, Andhra Pradesh & Telangana, Chhattisgarh, Bihar, Jharkhand, Gangetic West Bengal);** Under the influence of current Low Pressure Area over northwest Bay of Bengal & adjoining Odisha coast, fairly widespread to widespread rainfall very likely over Odisha, Bihar, Jharkhand, Gangetic West Bengal during next 4 days. Isolated heavy rainfall very likely over Odisha during 04-06 October, Jharkhand on 04, 06 & 07, over Bihar on 06 & 07, Chhattisgarh from 04 to 07 2020. **Under the influence of fresh Low Pressure Area, rainfall activity very likely to increase over Odisha and coastal Andhra Pradesh during 11<sup>th</sup> to 13<sup>th</sup> Oct, 2020.**

#### (ii) Wind warning

Squally wind speed reaching 40-50 kmph would prevail of north Andaman Sea, East central and adjoining southeast Bay of Bengal on 9<sup>th</sup> and 10<sup>th</sup> October; 50-60 kmph over central Bay of Bengal on 10<sup>th</sup> and 11<sup>th</sup> October and over north Coastal Andhra Pradesh and Odisha coasts and adjoining North Bay of Bengal on 11<sup>th</sup> October.

#### (iii) Sea condition

Sea condition will be rough to very rough over the areas of north Andaman Sea, East central and adjoining southeast Bay of Bengal on 9<sup>th</sup> and 10<sup>th</sup> October; over central Bay of Bengal on 10<sup>th</sup> and 11<sup>th</sup> October and over North Bay of Bengal on 11<sup>th</sup> October.

#### (iv) Fishermen Warning

Fishermen are advised not to venture into Andaman Sea, East central and adjoining southeast Bay of Bengal on 9<sup>th</sup> and 10<sup>th</sup> October; over central Bay of Bengal on 10<sup>th</sup> and 11<sup>th</sup> October and over North Bay of Bengal on 11<sup>th</sup> October.

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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.