



Government of India  
Ministry of Earth Sciences



India Meteorological Department

## PRESS RELEASE -4

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### Sub: Well marked Low Pressure area over east central & adjoining southeast Bay of Bengal.

Yesterday's Low Pressure area over north Andaman Sea and adjoining east central Bay of Bengal lay as a **well marked low pressure area** over east central Bay of Bengal & adjoining north Andaman Sea in the early morning (0530 hrs IST) of today, the 10<sup>th</sup> October 2020. It lay over east central & adjoining southeast Bay of Bengal in the morning (0830 hrs IST) of today, the 10<sup>th</sup> October 2020. It is very likely to move west-northwestwards & intensify into a **Depression** over central Bay of Bengal during next 24 hours. There is also a possibility that the system may further intensify into a Deep Depression during the subsequent 24 hours.

Further moving west-northwestwards, it is very likely to cross north Andhra Pradesh coast during 12<sup>th</sup> October 2020, Forenoon / Noon.

Under its influence, the following adverse weather is likely over Andaman Sea, south & central & adjoining northwest Bay of Bengal during 10<sup>th</sup> – 12<sup>th</sup> October and over Andhra Pradesh, Odisha, Telangana, interior Karnataka and adjoining Maharashtra during 11<sup>th</sup> & 12<sup>th</sup> October 2020.

### Warnings:

#### (i) Rainfall warning

- ✓ Light to moderate rainfall at most places with heavy (6.5-12 cm) rainfall at isolated places would occur over Andaman Islands on 10<sup>th</sup> October.
- ✓ Light to moderate rainfall at many places likely to occur over Odisha, coastal Andhra Pradesh, Telangana, Rayalaseema, Interior Karnataka and Marathwada with heavy falls at isolated places over coastal Andhra Pradesh, Telangana, Rayalaseema and interior Karnataka on 10<sup>th</sup> October 2020.
- ✓ Light to moderate rainfall at most places likely to occur over coastal Odisha, coastal Andhra Pradesh, Telangana, Karnataka, Marathwada and Vidarbha with heavy to very heavy falls at isolated places over coastal Odisha, coastal Andhra Pradesh, Telangana, Karnataka, Marathwada and Vidarbha on 11<sup>th</sup> & 12<sup>th</sup> October 2020. Extremely heavy rainfall ( $\geq 20$  cm per day) is also likely at isolated places over coastal Andhra Pradesh on 12<sup>th</sup> October.

#### (ii) Wind warning

Squally wind speed reaching 45-55 kmph gusting to 65 kmph would prevail over east central & adjoining southeast Bay of Bengal & 40-50 kmph gusting to 60 kmph over Andaman Islands, Andaman Sea on 10<sup>th</sup> October; 45-55 kmph gusting to 65 kmph over westcentral & adjoining northwest Bay of Bengal, southwest Bay of Bengal and along & off Odisha- Tamil Nadu & Puducherry coasts and 50-60 kmph gusting to 70 kmph along & off Andhra Pradesh coast on 11<sup>th</sup> & 12<sup>th</sup> October 2020

Along with this, squally winds, speed reaching 45-55 kmph are also likely to prevail over Gulf of Mannar on 11<sup>th</sup> & 12<sup>th</sup> October 2020.

#### (iii) Sea condition

Sea condition will be rough to very rough over Andaman Sea, East central & adjoining southeast Bay of Bengal on 10<sup>th</sup> October; over westcentral & adjoining northwest Bay of Bengal, southwest Bay of Bengal and along & off Odisha- Andhra Pradesh-Tamil Nadu & Puducherry coasts and over Gulf of Mannar from on 11<sup>th</sup> & 12<sup>th</sup> October 2020.

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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.

#### **(iv) Fishermen Warning**

- Fishermen are advised not to venture into: Andaman Sea, East central & adjoining southeast Bay of Bengal on 10<sup>th</sup> October; westcentral Bay of Bengal and adjoining northwest Bay of Bengal, southwest Bay of Bengal and along & off Odisha- Andhra Pradesh-Tamil Nadu & Puducherry coasts and over Gulf of Mannar on 11<sup>th</sup> & 12<sup>th</sup> October 2020.
- Fishermen out at Sea over the Bay of Bengal are advised to return to the coasts.

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