

# Government of India Ministry of Earth Sciences India Meteorological Department

Press Release Date: 27<sup>th</sup> February, 2022 Time of Issue: 1245 hrs IST

Subject: (I) Isolated heavy rainfall activity over south Tamilnadu on 02<sup>nd</sup> and heavy to very heavy rainfall activity over Tamilnadu-Puducherry-Karaikal and isolated heavy rainfall over Kerala & Mahe on 03<sup>rd</sup> March, 2022.

(II) Two Western Disturbances likely to influence porthwest India during 28<sup>th</sup>

(II) Two Western Disturbances likely to influence northwest India during 28<sup>th</sup> February to 03<sup>rd</sup> March, 2022.

### Significant Weather Observed during past 24 hours ending at 0830 hrs IST of today:

Isolated thunderstorm activity with lightning & hailstorm occurred over Uttarakhand, Punjab (Ludhiana), Haryana and West Uttar Pradesh.

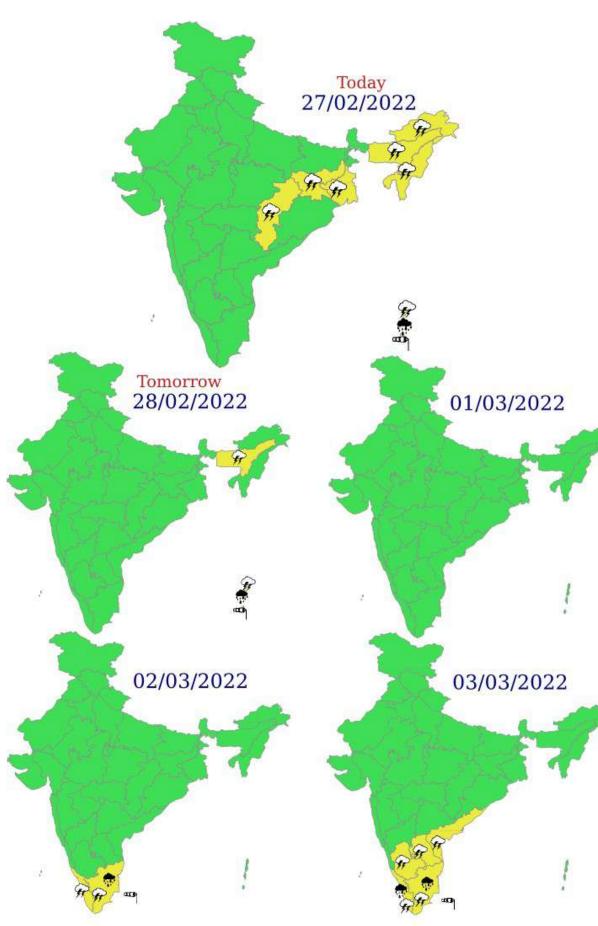
#### Weather Systems and associated forecast & warnings:

- 1. A trough in middle tropospheric westerlies runs roughly along Long. 76°E to the north of Lat. 30°N. Under its influence:
  - Isolated light/moderate rainfall ver**y** likely over Bihar, Jharkhand, West Bengal-Sikkim and north Chhattisgarh with thunderstorm & lightning at isolated places over the region during next 24 hours.
  - Scattered to fairly widespread rainfall over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 2 days with isolated thunderstorm & lightning over Arunachal Pradesh, West Assam & Meghalaya and Tripura during next 24 hours.
- 2. A cyclonic circulation lies over Strait of Malacca & adjoining south Andaman Sea in lower & middle tropospheric levels and is very likely to move west-northwestwards. Under its influence, a Low Pressure Area is likely to form over Southeast Bay of Bengal during next 48 hours. It is likely to move further towards Sri Lanka coast during subsequent 48 hours. Under its influence:
  - Fairly widespread to widespread light/moderate rainfall with thunderstorm, lightning & gusty winds (30-40 kmph gusting to 50 Kmph) very likely over Andaman & Nicobar Islands during 27<sup>th</sup> February to 01<sup>st</sup> March. Isolated heavy rainfall also very likely over Nicobar Islands on 27<sup>th</sup> & 28<sup>th</sup> February, 2022.

- Scattered to fairly widespread light/moderate rainfall with thunderstorm, lightning with isolated heavy rainfall very likely over south Tamilnadu on 02<sup>nd</sup> March and over Kerala& Mahe on 03<sup>rd</sup> March, 2022. Isolated very heavy falls also likely over Tamilnadu, Puducherry & Karaikal on 03<sup>rd</sup> March, 2022.
- Squally winds (40-50 gusting to 60 Kmph) very likely over south Andaman Sea & adjoining Southeast Bay of Bengal during 27<sup>th</sup> & 28<sup>th</sup> February, over Southeast & adjoining Southwest Bay of Bengal on 01<sup>st</sup> March; over Southwest Bay of Bengal, Gulf of Mannar and along & off Tamilnadu coast on 02<sup>nd</sup> & 03<sup>rd</sup> March, 2022. Fishermen are advised not to venture into these areas.
- 3. A fresh Western Disturbance is very likely to influence northwest India from the night of 28<sup>th</sup> February and another from 02<sup>nd</sup> March, 2022. It is very likely to cause isolated to scattered light/moderate rainfall/snowfall over Western Himalayan Region during 28<sup>th</sup> February to 03<sup>rd</sup> March, 2022 and isolated light rainfall over adjoining plains of northwest India on 02<sup>nd</sup> March, 2022.

#### For more details refer:

https://mausam.imd.gov.in/imd\_latest/contents/subdivisionwise-warning.php



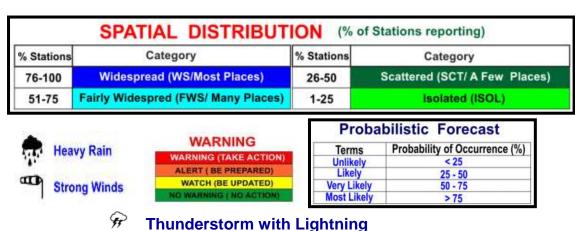
## Legends:

Heavy Rain: 64.5 to 115.5 mm; Very Heavy Rain: 115.6 to 204.4 mm; Extremely Heavy

**Rain:** >204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.



Thunderstorm with Eightning