

# Government of India Ministry of Earth Sciences India Meteorological Department

Press Release Date: 28<sup>th</sup> February, 2022 Time of Issue: 1200 hrs IST

Subject: (I) Isolated Heavy to Very heavy rainfall activity over Tamilnadu-Puducherry-Karaikal on 03<sup>rd</sup> & 04<sup>th</sup> March, 2022.

(II) Two Western Disturbances likely to influence Western Himalayan Region & adjoining plains till 03<sup>rd</sup> March, 2022.

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

Observed rainfall (in cm): **Nicobar Islands:** Nancowry-9, Car Nicobar-8; **Kerala:** Alapuzha-5; **East Madhya Pradesh:** Annupur-4.

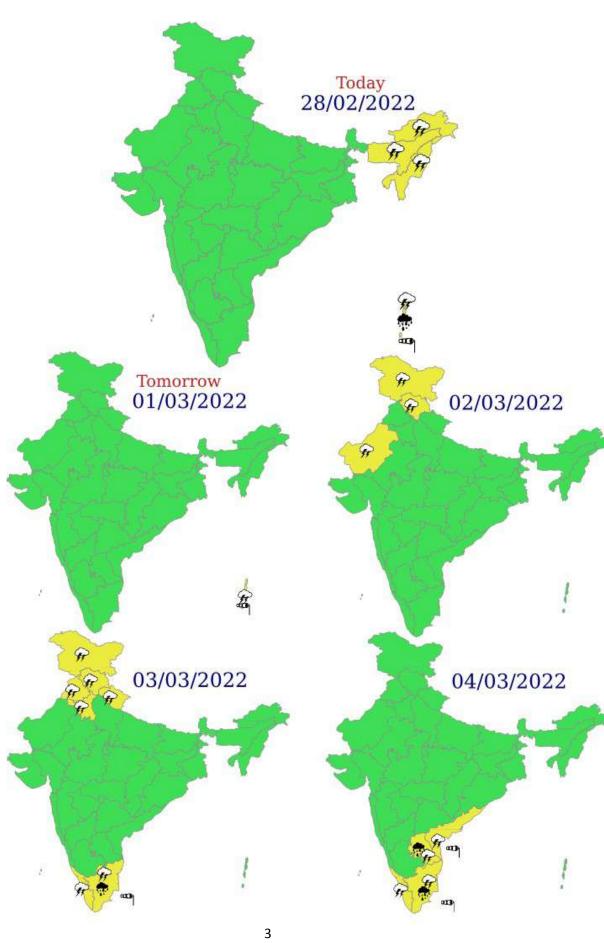
# Weather Systems and associated forecast & warnings:

- 1. A trough in lower tropospheric westerlies runs along Long. 89°E to the north of Lat.22°N. Under its influence:
  - Isolated to scattered rainfall with **isolated thunderstorm/lightning** over Bihar, Sub-Himalayan West Bengal-Sikkim, Chhattisgarh, Arunachal Pradesh, northeast Assam and Nagaland during next 24 hours.
- 2. The cyclonic circulation over south Andaman Sea & adjoining Equatorial Indian Ocean over lower & middle tropospheric levels persists. It is very likely to move west-northwestwards and under its influence, a Low Pressure Area is very likely to form over Southeast Bay of Bengal during next 24 hours and 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 on 28<sup>th</sup> February & 01<sup>st</sup> March. Isolated heavy rainfall also very likely over Nicobar Islands on 28<sup>th</sup> February, 2022.
  - Fairly widespread light/moderate rainfall with thunderstorm/lightning with isolated Heavy to Very Heavy rainfall very likely over Tamilnadu-Puducherry-Karaikal on 03<sup>rd</sup> & 04<sup>th</sup> March, 2022. Isolated heavy falls also likely over Rayalaseema on 04<sup>th</sup> March, 2022.

- Squally winds (40-50 kmph gusting to 60 Kmph) very likely over south Andaman Sea & adjoining Southeast Bay of Bengal on 28<sup>th</sup> February, over Southeast Bay of Bengal & adjoining south Andaman Sea on 01<sup>st</sup> March; over Southwest & adjoining Southeast Bay of Bengal on 02<sup>nd</sup> March; over Southwest Bay of Bengal, Gulf of Mannar and along & off Tamilnadu coast on 03<sup>rd</sup> March and over Southwest Bay of Bengal and along & off north Tamilnadu-south Coastal Andhra Pradesh coasts on 04<sup>th</sup> March 2022. Fishermen are advised not to venture into these areas.
- **3.** The Western Disturbance as a trough in middle & upper tropospheric westerlies runs along Long.60°E to the north of Lat. 30°N. it is very likely to cause isolated light rainfall/snowfall over Western Himalayan Region on 28<sup>th</sup> February & 01<sup>st</sup> March, 2022.
- **4. A fresh Western Disturbance is very likely to influence northwest India 02<sup>nd</sup> March, 2022.** It is very likely to cause scattered to fairly widespread light/moderate rainfall/snowfall over Jammu-Kashmir & Himachal Pradesh; isolated light rainfall/snowfall over Uttarakhand and isolated light rainfall over adjoining plains of northwest India on 02<sup>nd</sup> & 03<sup>rd</sup> March, 2022.

#### For more details refer:

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

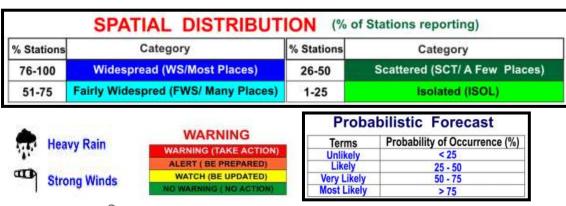


## Legends:

**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 Lightning**