



**Government of India  
Ministry of Earth Sciences  
India Meteorological Department**

**Press Release  
Date: 01<sup>st</sup> March, 2022  
Time of Issue: 1300 hrs IST**

**Subject: (I) Isolated Heavy to Very heavy rainfall activity over Tamilnadu-Puducherry-Karaikal on 04<sup>th</sup> & 05<sup>th</sup> March, 2022.  
(II) Wet spell over Western Himalayan Region & adjoining plains till 03<sup>rd</sup> March another fresh wet spell during 05<sup>th</sup> -08<sup>th</sup> March.**

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

Observed rainfall (in cm): **Nicobar Islands:** Car Nicobar-8.

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

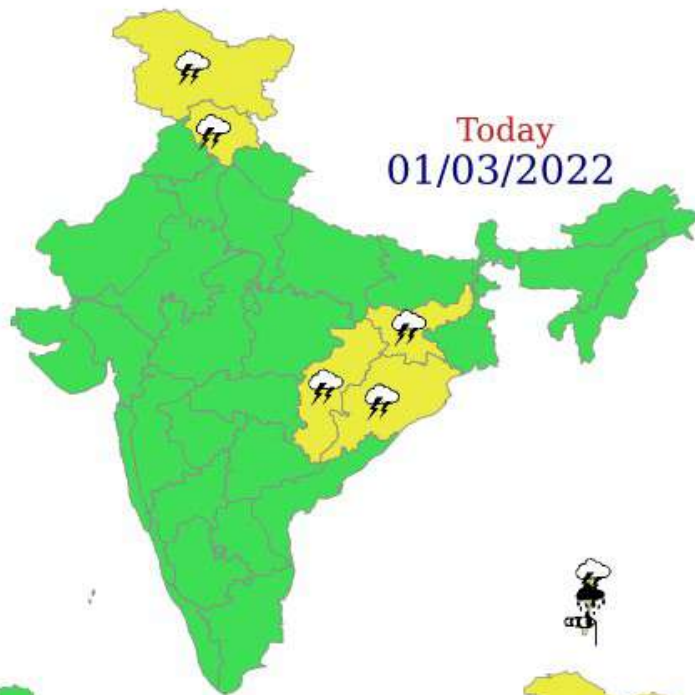
1. A Low Pressure Area lies over Southeast Bay of Bengal and adjoining Equatorial Indian Ocean with associated cyclonic circulation extending upto middle tropospheric levels. It is likely to become well marked and move west- northwestwards towards Sri Lanka coast during next 3 days. Under its influence:
  - 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 today. **Isolated heavy rainfall** also very likely over Nicobar Islands today.
  - Scattered to Fairly widespread **thunderstorm/lightning** activity very likely over Tamil Nadu-Puducherry-Karaikal during 03<sup>rd</sup> to 05<sup>th</sup> March, 2022, over south Coastal Andhra Pradesh on 04<sup>th</sup> & 05<sup>th</sup> March and over Rayalaseema on 05<sup>th</sup> March, 2022. **Isolated Heavy to Very Heavy rainfall** very likely over Tamil Nadu-Puducherry-Karaikal on 04<sup>th</sup> & 05<sup>th</sup> March. **Isolated heavy rainfall** is very likely over south Coastal Andhra Pradesh and Rayalaseema on 05<sup>th</sup> March, 2022.
  - **Squally winds (40-50 kmph gusting to 60 Kmph)** very likely over south Andaman Sea, South Bay of Bengal and Gulf of Mannar on 01<sup>st</sup> March, over South Bay of Bengal, Gulf of Mannar and Comorin Area on 02<sup>nd</sup> March; over Southwest Bay of Bengal, Gulf of Mannar on 03<sup>rd</sup> March; over Southwest Bay of Bengal, Gulf of Mannar and along & off Tamil Nadu-south Coastal Andhra Pradesh coasts on 04<sup>th</sup> March and over Southwest Bay of Bengal and along & off north Tamil Nadu-south Coastal Andhra Pradesh coasts on 05<sup>th</sup> March 2022. Fishermen are advised not to venture into these areas.

2. The Western Disturbance as a trough in middle & upper tropospheric westerlies is seen today along Long.70°E to the north of Lat.30°N. A fresh Western Disturbance is very likely to influence northwest India from 02<sup>nd</sup> March, 2022. Under their influence: fairly widespread to widespread light rainfall/snowfall over Jammu-Kashmir & Himachal Pradesh and isolated light rainfall/snowfall over Uttarakhand during 01<sup>st</sup> - 03<sup>rd</sup> March and isolated light rainfall over Punjab during 01<sup>st</sup> - 03<sup>rd</sup> March; over Rajasthan on 02<sup>nd</sup> March and over Haryana-Chandigarh on 02<sup>nd</sup> & 03<sup>rd</sup> March, 2022. **Strong surface Winds (speed 25-35 kmph) are** very likely to prevail over East Rajasthan on 03<sup>rd</sup> & 04<sup>th</sup> March and over most parts of plains of northwest India on 05<sup>th</sup> March, 2022.

**A fresh Western Disturbance is very likely to influence northwest India from 05<sup>th</sup> March, 2022.** It is very likely to cause scattered to fairly widespread light/moderate rainfall/snowfall over western Himalayan region during 05<sup>th</sup>-07<sup>th</sup> March and isolated light rainfall over adjoining plains of northwest India on 07<sup>th</sup> & 08<sup>th</sup> March, 2022.

**For more details refer:**

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

<b>SPATIAL DISTRIBUTION</b> (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



<b>WARNING</b>	
WARNING (TAKE ACTION)	
ALERT ( BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING ( NO ACTION)	

<b>Probabilistic Forecast</b>	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

