



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

**Press Release  
Date: 02<sup>nd</sup> March, 2022  
Time of Issue: 1215 hrs IST**

**Subject: (I) Low Pressure Area over Central parts of South Bay of Bengal & adjoining Equatorial Indian Ocean is likely to move towards Tamilnadu coast and concentrate into Depression during next 48 hours.  
(II) Wet spell over Western Himalayan Region & adjoining plains till 03<sup>rd</sup> March and another fresh wet spell during 06<sup>th</sup> to 08<sup>th</sup> March, 2022.**

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

1. A Low Pressure Area lies over Central parts of South Bay of Bengal and adjoining Equatorial Indian Ocean with associated cyclonic circulation extends upto middle tropospheric levels. It is likely to become Well Marked Low Pressure Area during next 24 hours and concentrate into **Depression** during subsequent 24 hours. It is very likely to move west-northwestwards towards Sri Lanka coast during next 24 hours and then towards Tamil Nadu Coast during subsequent 24 hours. Under its influence:
  - Fairly widespread to widespread rainfall with isolated thunderstorm/lightning activity very likely over Tamil Nadu-Puducherry-Karaikal during 02<sup>nd</sup> to 06<sup>th</sup> March; scattered to fairly widespread rainfall with isolated thunderstorm/lightning activity over south Coastal Andhra Pradesh, Rayalaseema & Kerala-Mahe during 04<sup>th</sup> & 06<sup>th</sup> March, 2022.
  - Isolated **Heavy to Very Heavy rainfall** very likely over Tamil Nadu-Puducherry-Karaikal during 03<sup>rd</sup> to 05<sup>th</sup> March with **Extremely Heavy rainfall** on 04<sup>th</sup> March and isolated **heavy rainfall** on 06<sup>th</sup> March. Isolated **heavy rainfall** also very likely over south Coastal Andhra Pradesh and Rayalaseema on 04<sup>th</sup> & 05<sup>th</sup> March, 2022.
  - Scattered to fairly widespread light/moderate rainfall very likely over Andaman & Nicobar Islands during next 2 days and decrease significantly thereafter.
  - **Strong winds (40-50 kmph gusting to 60 Kmph)** very likely over Southwest & adjoining Southeast Bay of Bengal, along & off Tamil Nadu-south Andhra Pradesh coasts, Gulf of Mannar and Comorin Area on 02<sup>nd</sup> March; **Strong winds (45-55 kmph gusting to 65 Kmph)** very likely over Southwest & adjoining Westcentral Bay of Bengal, along & off Tamil Nadu-south Andhra Pradesh coasts, Gulf of Mannar on 03<sup>rd</sup> March; **Squally weather (45-55 kmph gusting to 65 Kmph)** very likely over

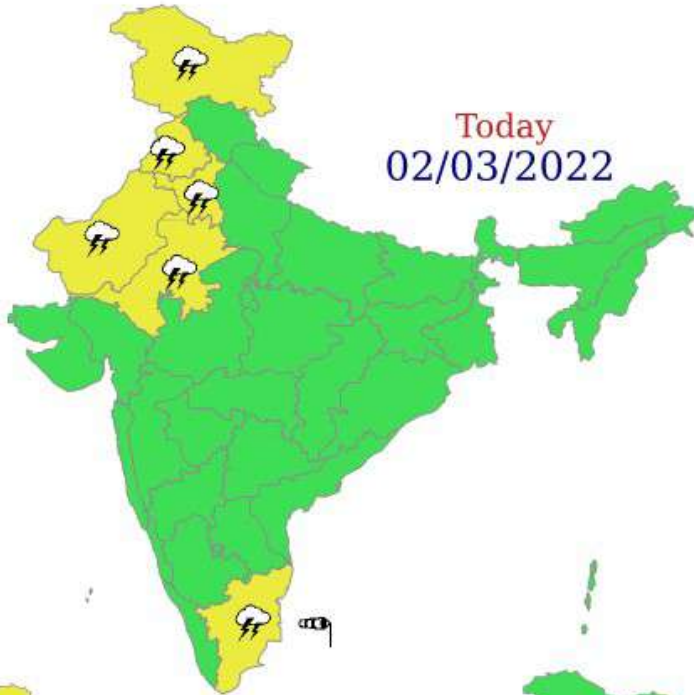
Westcentral & adjoining Southwest Bay of Bengal, along & off north Tamil Nadu- Andhra Pradesh coasts on 04<sup>th</sup> & 05<sup>th</sup> March; **Strong winds (40-50 kmph gusting to 60 Kmph)** very likely over north Tamil Nadu- south Andhra Pradesh coasts on 06<sup>th</sup> March, 2022. **Fishermen are advised not to venture into these areas.**

2. A fresh Western Disturbance as a trough in middle tropospheric westerlies runs along Long. 64°E to the north of Lat. 26°N with an induced cyclonic circulation over Southwest Rajasthan & Pakistan in lower tropospheric levels. Under their influence:
  - Fairly widespread to widespread light/moderate rainfall/snowfall with isolated **thunderstorm/lightning** very likely over Jammu-Kashmir & Himachal Pradesh on 02<sup>nd</sup> & 03<sup>rd</sup> March and scattered activity over Uttarakhand on 03<sup>rd</sup> March.
  - Isolated light rainfall with **thunderstorm/lightning** very likely over Punjab, Haryana- Chandigarh-Delhi and northeast Rajasthan on 02<sup>nd</sup> & 03<sup>rd</sup> March; over northwest Rajasthan on 02<sup>nd</sup> and over West Uttar Pradesh on 03<sup>rd</sup> March, 2022.
  - **Strong surface Winds (speed 25-35 kmph)** very likely to prevail over Haryana- Chandigarh-Delhi & Rajasthan on 04<sup>th</sup> March and over most parts of plains of northwest India on 05<sup>th</sup> March, 2022.
3. A fresh Western Disturbance is very likely to cause scattered to fairly widespread light/moderate rainfall/snowfall over Western Himalayan Region during 05<sup>th</sup> to 07<sup>th</sup> March and isolated light rainfall over adjoining plains on 07<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)

Today  
02/03/2022



Tomorrow  
03/03/2022



04/03/2022



05/03/2022



06/03/2022



## **Expected impact & action suggested due to very heavy/Extremely heavy rainfall over Tamilnadu-Puducherry-Karaikal on 04<sup>th</sup> & 05<sup>th</sup> march, 2022.**

### **Impact Expected**

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

### **Action Suggested**

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

**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

