



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 17th February, 2022
Time of Issue: 1200 hrs IST

Subject: I) Wet Spell likely over Andaman & Nicobar Islands during next 3 days.
II) Wet Spell very likely over East and Northeast India on 20th and 21st February 2022.

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

- **Observed rainfall (in cm): Tamilnadu: Kanyakumari: Pechiparai-6, Perunchani-5, Chittar-4; Andaman & Nicobar Islands: Long Island-4, Maya Bandar-3, Port Blair-1; Sikkim: Mangan-4, Singhik & Sankalan-3 each; Kerala: Idukki: Cheruthoni-3, Munnar-2.**

Weather Systems and associated forecast & warnings:

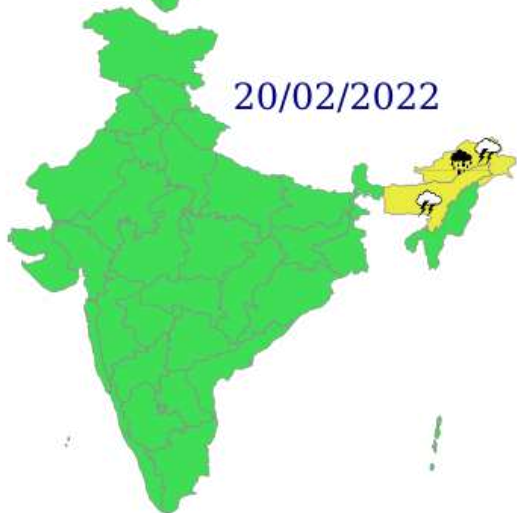
- **Under the influence of cyclonic circulation over Southeast Bay of Bengal at lower tropospheric levels;** Fairly widespread to widespread rainfall very likely over Andaman & Nicobar Islands during next 3 days and reduce thereafter. **Isolated heavy rainfall** accompanied with **thunderstorm/lightning** also likely over Andaman & Nicobar Islands on 17th and over Andaman Islands on 18th February. **Strong surface winds (20-30 kmph)** likely to along & off Andaman & Nicobar Islands during next 48 hours.
- **Isolated to scattered light/moderate rainfall likely** over Arunachal Pradesh during next 03 days and fairly widespread during subsequent 02 days; **Isolated to scattered light/moderate rainfall** over Assam & Meghalaya during 19th to 21st; over Nagaland-Manipur-Mizoram-Tripura on 20th and 21st February. **Isolated Heavy rainfall** also likely over Arunachal Pradesh on 20th February 2022.
- **A trough runs from north Kerala to Marathwada in lower tropospheric levels and also due to northeasterly winds over coastal Tamilnadu in lower tropospheric levels,** isolated light/moderate rainfall very likely over south interior Karnataka and Marathwada on 17th; over Telangana during next 2 days; over south Tamilnadu and Kerala during next 5 days and scattered light/moderate rainfall over Lakshadweep Islands during next 2 days.
- **Isolated/scattered light/moderate rainfall** very likely over Sub-Himalayan West Bengal-Sikkim during next 5 days and **isolated light/moderate rainfall** over Gangetic West Bengal & Odisha on 20th & 21st; over Jharkhand on 20th and over Bihar on 21th February, 2022.
- **Isolated light rainfall** likely over Vidarbha and Chhattisgarh on 17th, 19th & 20th; Madhya Pradesh on 18th & 19th February, 2022.
- **Under the influence of feeble Western Disturbance;** isolated light rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 17th & 18th and over Himachal Pradesh on 18th February, 2022.
- **Strong surface winds (25-35 kmph)** likely to prevail over Haryana-Chandigarh-Delhi and Uttar Pradesh on 19th and 20th February 2022.

Temperature Forecast:

- Gradual rise in minimum temperatures by 2-3°C very likely over most parts of Gujarat state during next 3 days and gradual fall by 2-3°C thereafter.
- Gradual rise in minimum temperatures by 2-3°C very likely over Bihar and Gangetic West Bengal during next 3 days and no significant changes thereafter.
- No significant change in minimum temperatures very likely over most parts over Central India during next 3 days and fall by 2-3°C thereafter.
- No significant change in minimum temperatures very likely over rest parts of the country.

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:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, 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.

SPATIAL DISTRIBUTION (% 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)



Heavy Rain

Strong Winds

WARNING	
WARNING (TAKE ACTION)	ALERT (BE PREPARED)
WATCH (BE UPDATED)	NO WARNING (NO ACTION)

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

Thunderstorm with Lightning

Visibility/Fog

Cold wave/Cold day