



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 08th October, 2021

Time of Issue: 1300 hrs IST

Subject: Withdrawal of southwest monsoon from more parts of northwest India and adjoining central India on today, the 08th October, 2021.

Rainfall Amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Given in Annexure I

i) Further Withdrawal of southwest monsoon 2021:

Southwest monsoon has further withdrawn from some more parts of Gujarat, some parts of Madhya Pradesh, most parts of Rajasthan, entire Punjab, Haryana, Chandigarh & Delhi, Jammu & Kashmir, Ladakh, Himachal Pradesh, Uttarakhand and some parts of Uttar Pradesh today, the 08th October 2021.

The withdrawal line now passes through Dwarka, Mehsana, Udaipur, Kota, Gwalior, Hardoi and Lat. 30°N/ Long. 81°E. Conditions are becoming favourable for further withdrawal of southwest monsoon from some more parts of Gujarat, Madhya Pradesh and Uttar Pradesh during next 2 days. (Refer annexure II)

Present Meteorological features:

Formation of Low Pressure Area

A Low Pressure Area is very likely to form over north Andaman Sea around 10th of October, 2021. It is likely to become more marked and move west-northwestwards towards south Odisha & north Coastal Andhra Pradesh coast during subsequent 4-5 days.

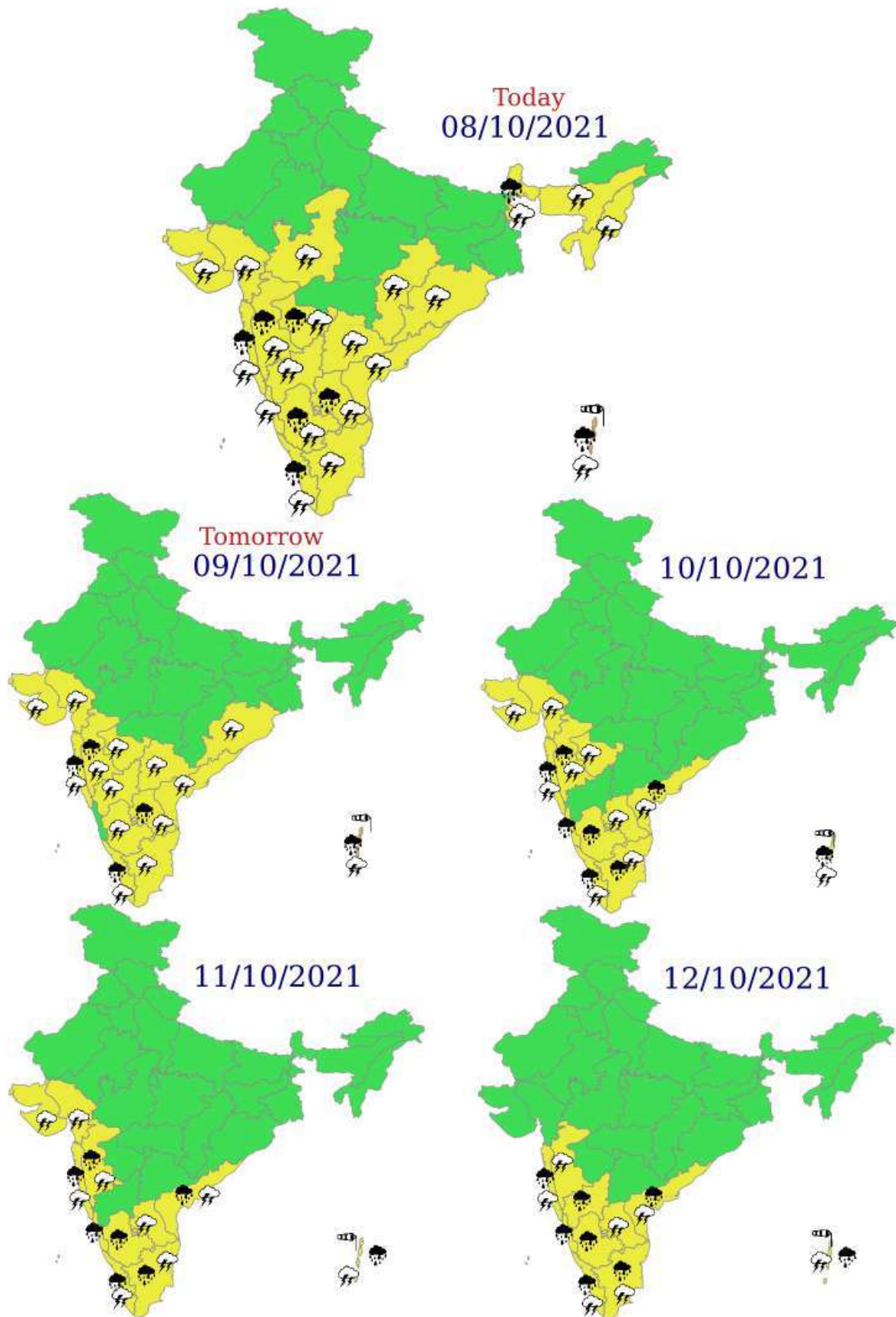
Forecast and warning:

◆ A cyclonic circulation lies over Eastcentral Arabian Sea and extends upto mid tropospheric level tilting southwestwards with height. It is very likely to persist during next 4-5 days with slight northward movement. Under its influence, fairly widespread to widespread light to moderate rain very likely over southern peninsular India & Maharashtra during next 5 days. Isolated **heavy falls** also likely over Konkan & Goa, Maharashtra, South Interior Karnataka and Kerala & Mahe during next 4-5 days; over Coastal Karnataka, Coastal Andhra Pradesh & Yanam and Tamilnadu, Puducherry & Karaikal during 10th-12th; over Rayalaseema during 08th-09th and over Marathwada on 08th October, 2021.

◆ Light to moderate rainfall at most places with isolated **thundersquall (wind speed 50-60 kmph)** and **heavy to very heavy falls** very likely over Andaman & Nicobar Islands during next 2 days and isolated **thunderstorm (wind speed 40-50 kmph)** and **heavy falls** during subsequent 3 days.

For detailed forecast and warning refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php



EXPECTED IMPACT & ACTION SUGGESTED due to Very Heavy Rainfall over Andaman & Nicobar Islands on 08th & 09th October, 2021.

A. 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 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)

B. 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:** 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



Thunderstorm with Lightning

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

24-hour accumulated rainfall (7 cm or more) realised over the country:

Andaman & Nicobar Islands: Car Nicobar-12; Hut Bay-9

Rayalaseema: Ananthapuram-15; **Chittoor-9**

Tamilnadu: Dharmapuri-8

Sub-Himalayan West Bengal & Sikkim: Gyalsing-12

Interior Karnataka: Koppal, Chikaballapura-9; Tumakuru-8

Odisha: Malkangiri-14

Meghalaya: Umiam-7

West Madhya Pradesh: Dhar-8.

