



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

Press Release

Date: 20th October, 2021

Time of Issue: 1415 hrs IST

Subject: i) Onset of Northeast Monsoon from around 26th October, 2021.

ii) Intense spell of rainfall activity very likely to continue over Sub-Himalayan West Bengal & Sikkim and adjoining Northeast India till 21st October, 2021 and reduction thereafter.

iii) Rainfall activity over south peninsular India.

Significant Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7cm or more):

Sub-Himalayan West Bengal & Sikkim: Jalpaiguri-34; Darjeeling-25; Baghdogra and Kalimpong-20 each; Rongli-16; Mazitar, Pakyong, Jalpaiguri-15; Ranipool, Damthang, Gangtok -13; Tadong, Gyalsing-12; Singhik, Yuksom-10; Mangan, Sankalan-9 & Chungthang-7; **Bihar:** Forbesganj -26; Supaul -11; Purnea -7; **Uttarakhand:** Champawat-12; Nainital, Udham Singh Nagar, Mukteshwar Kumaon-9; Almora-7.

Withdrawal of Southwest Monsoon from remaining parts of India and onset of Northeast Monsoon from around 26th October, 2021.

◆ The Southwest monsoon withdrawal line continues to pass through Lat. 27.0°N/Long. 92.0°E, Kohima, Silchar, Krishnanagar, Baripada, Malkangiri, Nalgonda, Bagalkote, Vengurla, Lat. 16.0°N/Long. 65.0°E and Lat. 16.0°N/Long. 60.0°E. Conditions are becoming favourable for further withdrawal of Southwest Monsoon from remaining parts of Northeast India; entire north Bay of Bengal; remaining parts of West Bengal; some parts of Central Bay of Bengal; remaining parts of Odisha; some parts of Andhra Pradesh; some more parts of Telangana; entire Goa; some more parts of Karnataka and some more parts of Central Arabian Sea around 23rd October 2021.

◆ With likely setting in of northeasterly winds in the lower tropospheric levels over Bay of Bengal and extreme south Peninsular India, the Southwest Monsoon is likely to withdraw from entire country around 26th October, 2021. Simultaneously, the Northeast Monsoon rains are also likely to commence over Southeast Peninsular India from around 26th October, 2021.

Intense spell of rainfall activity very likely to continue over Sub-Himalayan West Bengal & Sikkim and adjoining Northeast India till 21st October, 2021 and reduction thereafter.

◆ A cyclonic circulation lies over Bihar & neighbourhood. Under its influence, fairly widespread to widespread light to moderate rainfall with isolated heavy fall and thunderstorms & lightning very likely over Arunachal Pradesh, Assam & Meghalaya, Tripura, Sub-Himalayan West Bengal & Sikkim on 20th & 21st and over Gangetic West Bengal and Bihar on 20th and reduction thereafter. Isolated Extremely heavy falls also likely over Sub-Himalayan West Bengal & Sikkim on 20th and very heavy falls over Arunachal Pradesh and Assam & Meghalaya on 20th October.

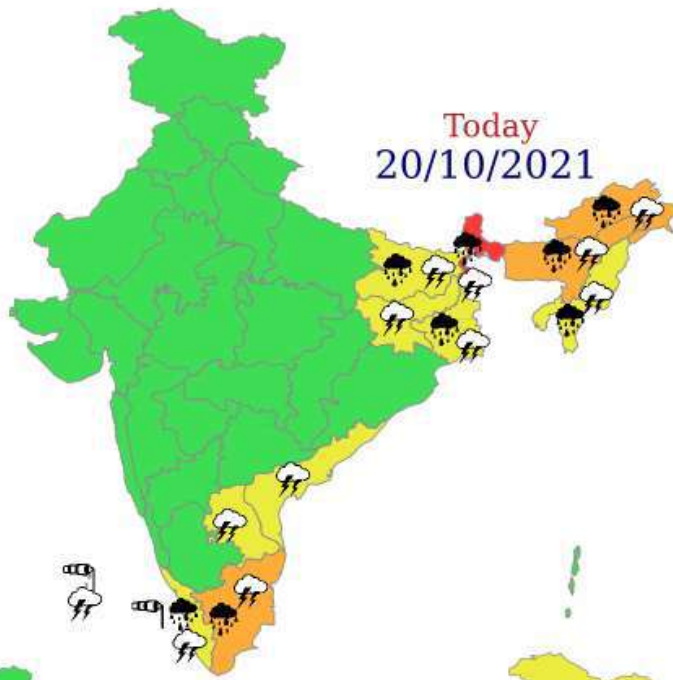
Rainfall activity over south peninsular India.

◆ Light to Moderate fairly widespread to wide spread rainfall with isolated heavy falls with thunderstorm & lightning very likely over Kerala & Mahe and Tamilnadu, Puducherry & Karaikal during 20th-24th and over Coastal & South Interior Karnataka during 22nd-24th October. Isolated very heavy falls also very likely over Kerala & Mahe on 21st and over Tamilnadu, Puducherry & Karaikal on 20th & 21st October.

For detailed forecast and warning refer following page:

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

Today
20/10/2021



Tomorrow
21/10/2021



22/10/2021



23/10/2021



24/10/2021



EXPECTED IMPACT & ACTION SUGGESTED due to extremely heavy falls over Sub-Himalayan West Bengal & Sikkim on 20th 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/Landslides.
- 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

Kindly download [MAUSAM APP](#) for location specific forecast & warning, [MEGHDOOT APP](#) for Agromet advisory and [DAMINI APP](#) for Lightning Warning & visit state MC/RMC websites for district wise warning.