



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

**Press Release
Date: 25th October, 2021
Time of Issue: 1400 hrs IST**

Subject: (i) Withdrawal of Southwest Monsoon from the entire country and simultaneous commencement of the Northeast Monsoon rains over extreme south peninsular India on today, the 25th October 2021.

(ii) Formation of a Low Pressure Area over central parts of South Bay of Bengal.

Significant Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today)(in cm): Tamilnadu, Puducherry & Karaikal: Madurai-11, Pudukkottai-10, Tiruppur, Toothukudi- 8 each, Kodaikanal-4 each; Interior Karnataka: Kodagu-8, Shivamoga, Mysuru, Dharwad, Mandya-7, Hassan-3; Kerala: Palakkad-6; Himachal Pradesh: Rajgarh-8, Solan-7; Haryana, Chandigarh & Delhi: Yamunanagar, Chandigarh, Delhi Ridge, Safdarjung-3 each; Punjab: Ludhiana-10, Patiala-9; West Uttar Pradesh: Aligarh-5; Goa: Goa-3.

(i) Withdrawal of Southwest Monsoon from the entire country and simultaneous commencement of the Northeast Monsoon rains over extreme south peninsular India on today, the 25th October 2021

- In view of significant reduction in rainfall activity over most parts of the country the Southwest monsoon has withdrawn from the entire country today the 25th October 2021.
- Simultaneously with the setting in of northeasterly winds in the lower tropospheric levels, the northeast monsoon rains has commenced over extreme south peninsular India today the 25th October 2021.
- **Comparison of date of withdrawal of southwest monsoon 2021 from the entire country with its historical date for the period of 1975-2020:**
Annexure I shows comparison of Withdrawal date of southwest monsoon 2021 from the entire country with its historical dates for the period of 1975-2020. The date of withdrawal of southwest monsoon 2021 from the entire country is the 7th most delayed monsoon withdrawal (on or after 25th October) during 1975-2021. **Interestingly, out of these 7 years, during recent years of 2010-2021, for five years, viz. 2017, 2010, 2016, 2020 and 2021, happened late withdrawal (25th Oct or latter).**

(ii) Formation of a Low Pressure Area over central parts of South Bay of Bengal

A cyclonic circulation is likely to develop over Southeast Bay of Bengal & neighbourhood by tomorrow. It is likely to move westwards. Under its influence, a Low Pressure Area is likely to form over central parts of South Bay of Bengal during subsequent 48 hours.

Weather forecast and warning:

Isolated **heavy rainfall** also likely over Tamilnadu, Puducherry & Karaikal during 25th -29th; over Kerala & Mahe during 25th -27th; over South Interior Karnataka on 25th & 26th; over Coastal Andhra Pradesh and Rayalaseema on 28th & 29th October, 2021.

Light to moderate fairly widespread to widespread rainfall with **thunderstorm & lightning** very likely over Kerala & Mahe, Tamilnadu, Puducherry & Karaikal and South Interior Karnataka during next 5 days.

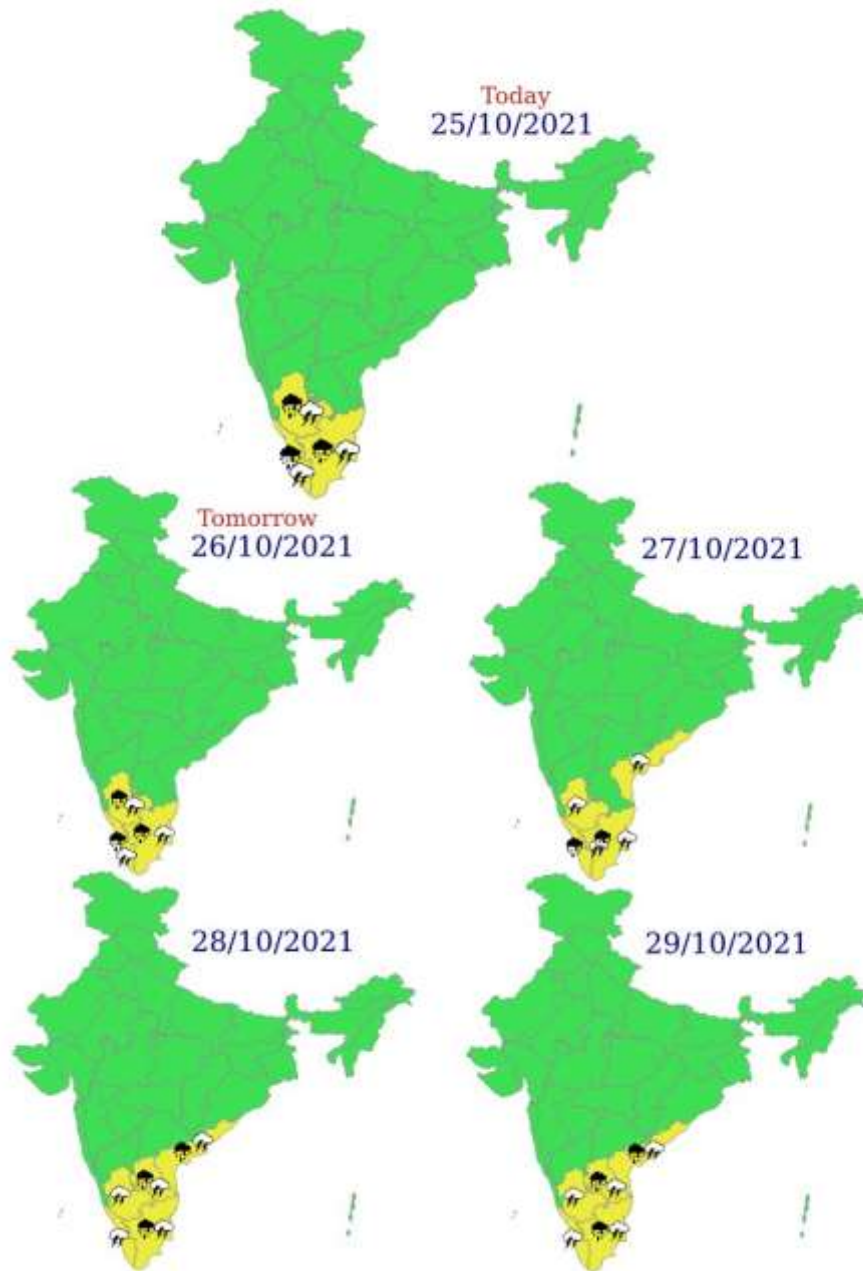
For detailed forecast and warning refer following page: (Refer annexure II)

[https://mausam.imd.gov.in/imd latest/contents/all india forcast bulletin.php](https://mausam.imd.gov.in/imd%20latest/contents/all%20india%20forcast%20bulletin.php)

Annexure I: Southwest Monsoon withdrawal dates (First date, Northeast India and entire country) during 1975-2021

Year	Withdrawal date of southwest monsoon from the Entire Country
1975	27th Oct
1976	12 th Oct
1977	12 th Oct
1978	15 th Oct
1979	15 th Oct
1980	09 th Oct
1981	14 th Oct
1982	11 th Oct
1983	19 th Oct
1984	03 rd Oct
1985	24 th Oct
1986	21 st Oct
1987	24 th Oct
1988	12 th Oct
1989	13 th Oct
1990	17 th Oct
1991	18 th Oct
1992	18 th Oct
1993	19 th Oct
1994	17 th Oct
1995	22 nd Oct
1996	10 th Oct
1997	08 th Oct
1998	20 th Oct
1999	21 st Oct
2000	25th Oct
2001	15 th Oct
2002	21 st Oct

2003	13 th Oct
2004	11 th Oct
2005	11 th Oct
2006	17 th Oct
2007	22 nd Oct
2008	15 th Oct
2009	22 nd Oct
2010	29th Oct
2011	24 th Oct
2012	18 th Oct
2013	21 st Oct
2014	18 th Oct
2015	19 th Oct
2016	28th Oct
2017	25th Oct
2018	21 st Oct
2019	16 th Oct
2020	28th Oct
2021	25th Oct



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)



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.