



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

**Press Release**

**Dated: 06 June, 2021**

**Time of Issue: 1430 hrs IST**

**Sub: Southwest Monsoon advanced into northeastern states and Sub-Himalayan West Bengal & Sikkim.**

**1. Progress of southwest Monsoon**

◆ Southwest Monsoon has further advanced into more parts of central Arabian Sea, some more parts of Maharashtra, entire Karnataka, some more parts of Telangana, entire Tamil Nadu, some more parts of Andhra Pradesh, more parts of central Bay of Bengal and northeast Bay of Bengal and thence **entire northeastern states of India(Nagaland, Manipur, Mizoram & Tripura, Assam & Meghalaya, Arunachal Pradesh), most parts of Sub-Himalayan West Bengal & Sikkim today**, the 6<sup>th</sup> June 2021.

◆The Northern Limit of Monsoon (NLM) passes through lat. 18.0°N/ Long. 65°E, lat. 18.5°N/ Long. 70°E, **Alibagh, Pune, Medak, Nalgonda, Rentachintala, Sriharikota** , lat. 14°N/ Long. 85.0°E, 16°N/88°E, 20°N/90.5°E and 24.0°N/89.5°E **and Bagdogra** (refer Fig 1 for northern Limit of the southwest Monsoon 2021 as on 6 June 2021).

◆ **Chief amount of realized Rainfall in last 24 hours for time ending at 0830 hrs IST of today:** Puddukkottai-19; Tripura, Gangtok-11 each; Shirali, Anantapur-10 each; Manki, Bhatkal, Chikkamangaluru,Cuddapah, Perambalur-9 each; Thane, East Khasi Hills, Rewa, Honavar-8 each; Raigad, Vadgaon (Pune), Agartala, Cuddalore, Tirupathi-7 each; Prakasam, Tezpur-5 each; Betul, Karwar, Kodaikanal, Aminidivi, Cooch Behar-4 each; Pune, Mahabaleshwar, Satara, Vellore, Karipur, Kozhikode, Punalur, Cochin, Tiruchchirpalli, Pet Jorhat-3 each.

## 2. Forecast and Warning

- ◆ Due to strengthening of southwesterly winds and a cyclonic circulation over Sub-Himalayan West Bengal & neighbourhood in lower tropospheric level; fairly widespread to widespread rainfall activity very likely over Northeastern states and adjoining East India during next 4-5 days. Isolated **heavy rainfall** very likely over Arunachal Pradesh on 06th & 08th; over Assam & Meghalaya & Sub-Himalayan West Bengal & Sikkim on 08th & 09h; over Nagaland, Manipur, Mizoram & Tripura on 06th-07th; over Odisha on 08th & 09th; over Gangetic West Bengal on 10th June. Isolated **heavy to very heavy rainfall** also very likely over Assam & Meghalaya & Sub-Himalayan West Bengal & Sikkim on today, the 06th June and over Odisha on 10th June.
- ◆ Under the influence of the off-shore trough at mean sea level from north Maharashtra coast to north Kerala coast and a cyclonic circulation over Konkan & Goa in lower tropospheric levels; scattered to widespread rainfall accompanied with thunderstorm, lightning and gusty winds very likely over parts of south peninsular India and West coast with **isolated heavy rainfall** today, the 06th June 2021 and reduction in intensity thereafter.
- ◆ Refer page 3 for weather warning for next 5 days.

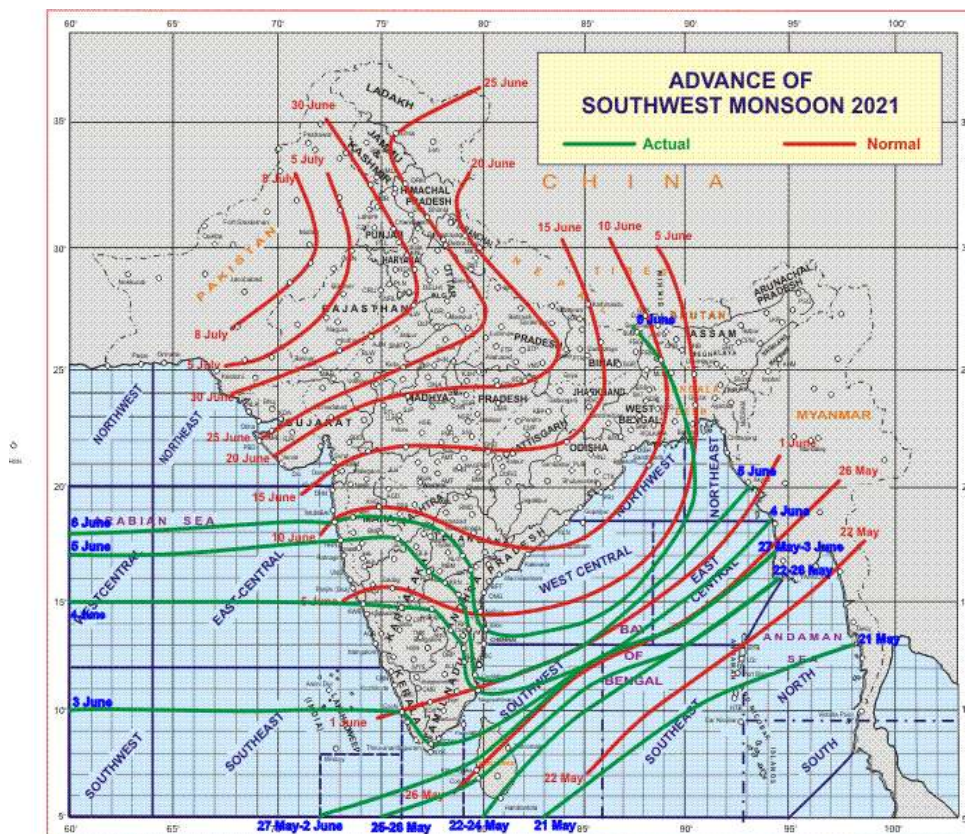
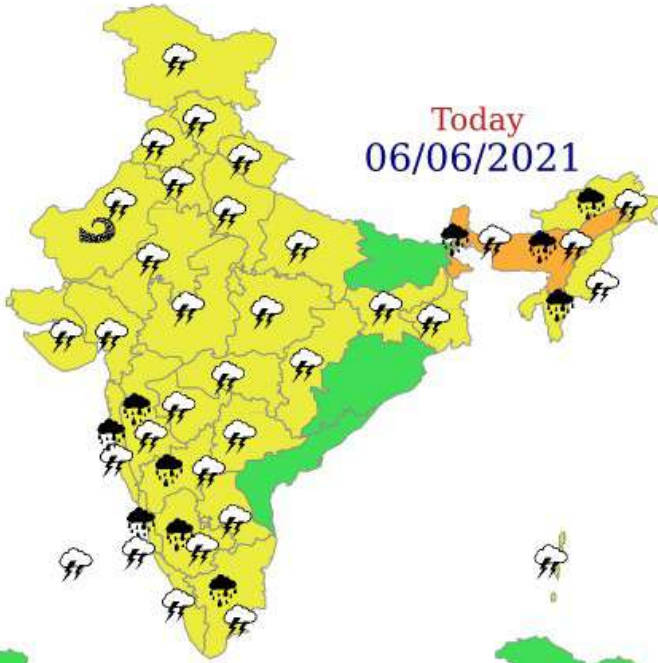


Fig 1: Northern Limit of the southwest Monsoon 2021 as on 6 June 2021

Today  
06/06/2021



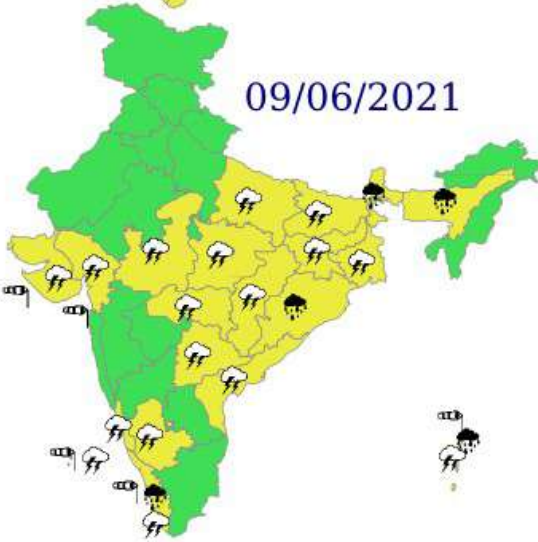
Tomorrow  
07/06/2021



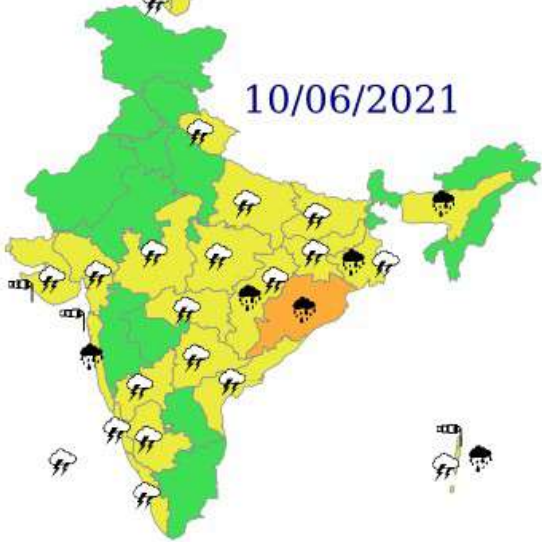
08/06/2021



09/06/2021

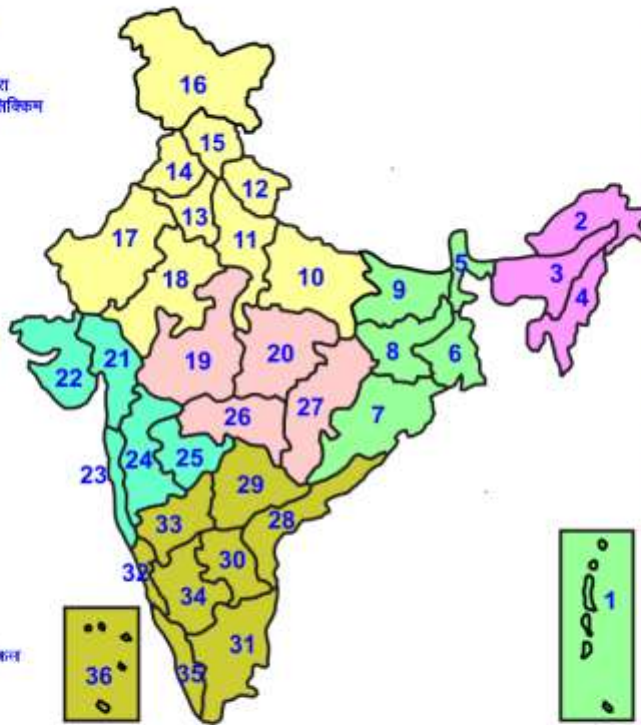


10/06/2021



# LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम गंगेय बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडिगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठवाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यानम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं काराईकल
- 32 उत्तरी कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं माहे
- 36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. 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)

## WARNING

<b>WARNING (TAKE ACTION)</b>
<b>ALERT ( BE PREPARED)</b>
<b>WATCH (BE UPDATED)</b>
<b>NO WARNING ( NO ACTION)</b>

## Probabilistic Forecast

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



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State