



Government of India
Earth System Science Organization
Ministry of Earth Sciences
India Meteorological Department

Press Release

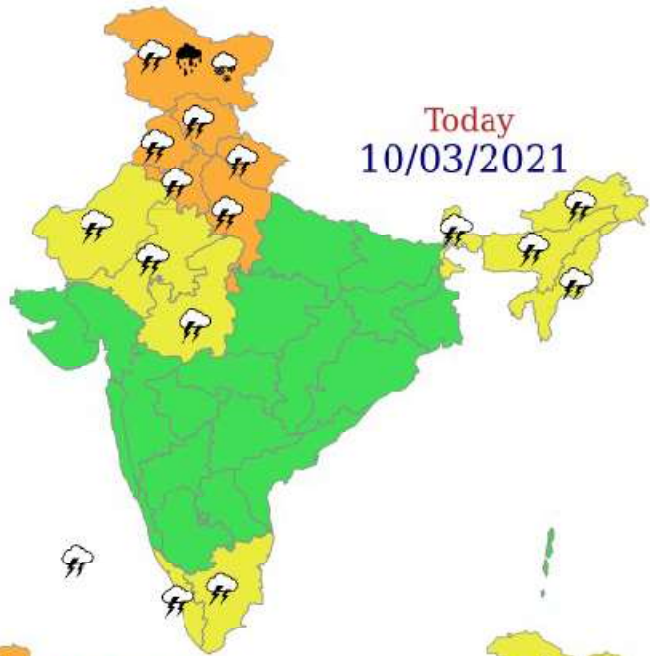
Date: 10th March, 2021

Time of Issue: 1700 hrs IST

Subject: Wet spell over Western Himalayan Region and adjoining plains of Northwest & Central India during 10th-15th March, 2021

- A Western Disturbance lies as a cyclonic circulation over north Pakistan in lower tropospheric levels with a trough aloft in middle tropospheric levels along longitude 71°E to the north of latitude 30°N.
- Two fresh Western Disturbances in quick succession very likely to affect Northwest India, 1st from 11th and 2nd from 13th March, 2021.
- Under the influence of above systems:
 - 1) Scattered to widespread rainfall very likely over Western Himalayan Region (Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh and Uttarakhand); isolated to scattered rainfall over Punjab, Haryana, Chandigarh & Delhi, Rajasthan and Uttar Pradesh during 10th-12th March (**with its peak intensity during 11th night to 12th March evening**) and reduction in intensity & distribution on 13th and increase thereafter with scattered to fairly widespread rainfall over Western Himalayan Region on 14th & 15th March, 2021. Isolated **thunderstorm/lightning/gusty winds (speed reaching 30-40 kmph)/hail** over the above sub-divisions during the same period. Isolated heavy falls likely over Jammu & Kashmir, Gilgit-Baltistan & Muzaffarabad on 10th & 11th March, 2021.
 - 2) Due to confluence between easterlies & westerlies and trough/wind discontinuity at lower levels, isolated rainfall with thunderstorm/lightning likely over Madhya Pradesh, Chhattisgarh, Vidarbha during 11th to 13th March; over Jharkhand & Bihar on 12th & 13th March. **Isolated hailstorm** also likely over Madhya Pradesh and Chhattisgarh on 12th March, 2021.
- Maximum temperatures are 2-5°C above normal over most parts of Northwest, West, Central & adjoining East India and near normal over rest parts of the country
- **No heat wave conditions are likely over the country during next 5 days.**
- **Detailed forecast & warnings are given in next page:**

Sub-Divisions	10-Mar-21	11-Mar-21	12-Mar-21	13-Mar-21	14-Mar-21
Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad	Rainfall at most places with thunderstorm & lightning/hail	Rainfall at most places with thunderstorm & lightning/hail	Rainfall at most places with thunderstorm & lightning	Rainfall at <u>isolated places</u>	Rainfall at many places with thunderstorm & lightning
Himachal Pradesh	Rainfall at a few places with thunderstorm & lightning/hail	Rainfall at most places with thunderstorm & lightning/hail	Rainfall at many places with thunderstorm & lightning	Rainfall at <u>isolated places</u>	Rainfall at a few places with thunderstorm & lightning
Uttarakhand	Rainfall at isolated places with thunderstorm & lightning/hail	Rainfall at a few places with thunderstorm, lightning/hail & gusty winds	Rainfall at many places with thunderstorm, lightning/hail & gusty winds	Rainfall at <u>isolated places</u>	Rainfall at <u>isolated places</u>
Punjab	Rainfall at isolated places with thunderstorm & lightning/hail	Rainfall at isolated places with thunderstorm & lightning & gusty winds	Rainfall at a few places with thunderstorm & lightning	Dry	Dry
Haryana, Chandigarh & Delhi	Rainfall at isolated places with thunderstorm & lightning/hail	Rainfall at isolated places with thunderstorm & lightning & gusty winds	Rainfall at a few places with thunderstorm, lightning/hail & gusty winds	Dry	Dry
West Madhya Pradesh	Rainfall at isolated places with thunderstorm, lightning	Rainfall at isolated places with thunderstorm & lightning	Rainfall at a few places with thunderstorm, lightning/hail	Dry	Dry
East Madhya Pradesh	Dry	Rainfall at <u>isolated places</u>	Rainfall at isolated places with thunderstorm, lightning/hail	Rainfall at <u>isolated places</u>	Dry
Chhattisgarh	Dry	Dry	Rainfall at isolated places with thunderstorm, lightning/hail	Rainfall at isolated places with thunderstorm, lightning	Dry



Today
10/03/2021



Tomorrow
11/03/2021



12/03/2021



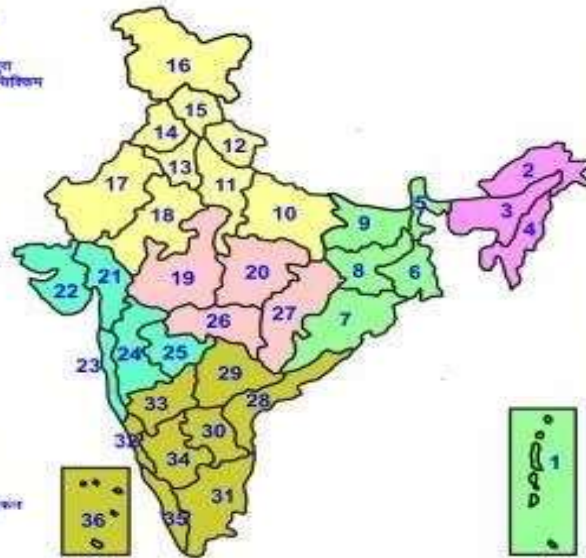
13/03/2021



14/03/2021

LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
- 5 उप-हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 गंगेय पश्चिम बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखण्ड
- 13 हरियाणा, दिल्ली एवं पंजाब
- 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
- 22 गुजरात
- 23 कर्नाटक
- 24 मध्य प्रदेश
- 25 मध्य प्रदेश
- 26 मध्य प्रदेश
- 27 मध्य प्रदेश
- 28 मध्य प्रदेश
- 29 मध्य प्रदेश
- 30 मध्य प्रदेश
- 31 मध्य प्रदेश
- 32 मध्य प्रदेश
- 33 मध्य प्रदेश
- 34 मध्य प्रदेश
- 35 मध्य प्रदेश
- 36 मध्य प्रदेश



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangeic 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. Marathwada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnada, 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

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

	Heavy Rain		Heavy Snow		Thunderstorm		Dust Storm
	Strong Winds		Visibility		Cyclone		Squall/ Hail
	Frost		Cold Wave		Heat Wave		Sea State

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.