



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

**Press Release  
Date: 08<sup>th</sup> December, 2020  
Time of Issue: 1730 hrs IST**

**Subject: Wet Spell over Western Himalayan region and adjoining Punjab, Haryana, Chandigarh and Delhi during 08<sup>th</sup> to 12<sup>th</sup> December, 2020.**

**Weather Systems and Forecast & Warnings:**

- Under the influence of the Western Disturbance as a trough roughly along Long. 60°E to the north of Lat. 25°N and moisture feeding from Arabian Sea over northwest Himalayas at middle-tropospheric levels scattered to fairly widespread rain/snowfall very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad and Himachal Pradesh and isolated rain/snowfall over Uttarakhand during 08th-09th December, 2020. **Isolated heavy rain/snow** is very likely over Kashmir, Gilgit-Baltistan and Muzaffarabad on 08th December, 2020.
- In quick succession, a fresh Western Disturbance and its induced cyclonic circulation and moisture feeding from Arabian Sea to northwest India at lower & middle tropospheric levels very likely to cause fairly widespread to widespread rain/snowfall over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad and Himachal Pradesh and isolated to scattered rain/snowfall over Uttarakhand during 11th-12th December, 2020. Isolated to scattered rainfall also very likely over Haryana & Chandigarh and Punjab during the same period. **Isolated heavy rain/snow** very likely over Jammu & Kashmir, Gilgit-Baltistan, Muzaffarabad on 11th & 12th and over Himachal Pradesh on 12th December, 2020.
- **Thunderstorm** accompanied **with lightning & hail** is also likely at isolated places over Jammu Division, Punjab and Haryana & Chandigarh on 11th & 12th December, 2020.
- **Light rain/ thundershowers** likely at isolated places over **Delhi** during 11<sup>th</sup> night to 12<sup>th</sup> December 8, 2020 forenoon.

Detailed forecast & warnings are as follow:

Sub-Divisions	08 Dec. 2019*	09 Dec. 2019*	10 Dec. 2019*	11 Dec. 2019*	12 Dec. 2019*
<b>Jammu &amp; Kashmir</b>	Rain/Snow at most places with <b>heavy falls</b>	Rain/Snow at many places	Rain/snow at isolated places	Rain/Snow at many places with <b>heavy falls</b> at isolated places	Rain/Snow at most places with <b>heavy falls</b> at isolated places
<b>Himachal Pradesh</b>	Rain/Snow at a few places	Rain/Snow at a few places	Rain/snow at isolated places	Rain/snow at a few places	Rain/Snow at most places with <b>heavy falls</b> at isolated places
<b>Uttarakhand</b>	Rain/snow at isolated places	Rain/snow at isolated places	Dry	Rain/snow at isolated places	Rain/snow at a few places
<b>Punjab</b>	Dry	Dry	Dry	Rainfall at a few places <b>with</b> thunderstorm accompanied with lightning and hailstorm at isolated places	Rainfall at a few places <b>with</b> thunderstorm accompanied with lightning at isolated places
<b>Haryana, Chandigarh &amp; Delhi</b>	Dry	Dry	Dry	Rainfall at isolated places with thunderstorm accompanied with lightning at isolated places	Rainfall at isolated places with thunderstorm accompanied with lightning at isolated places

Note: \* Rainfall till 0830 IST of next day.

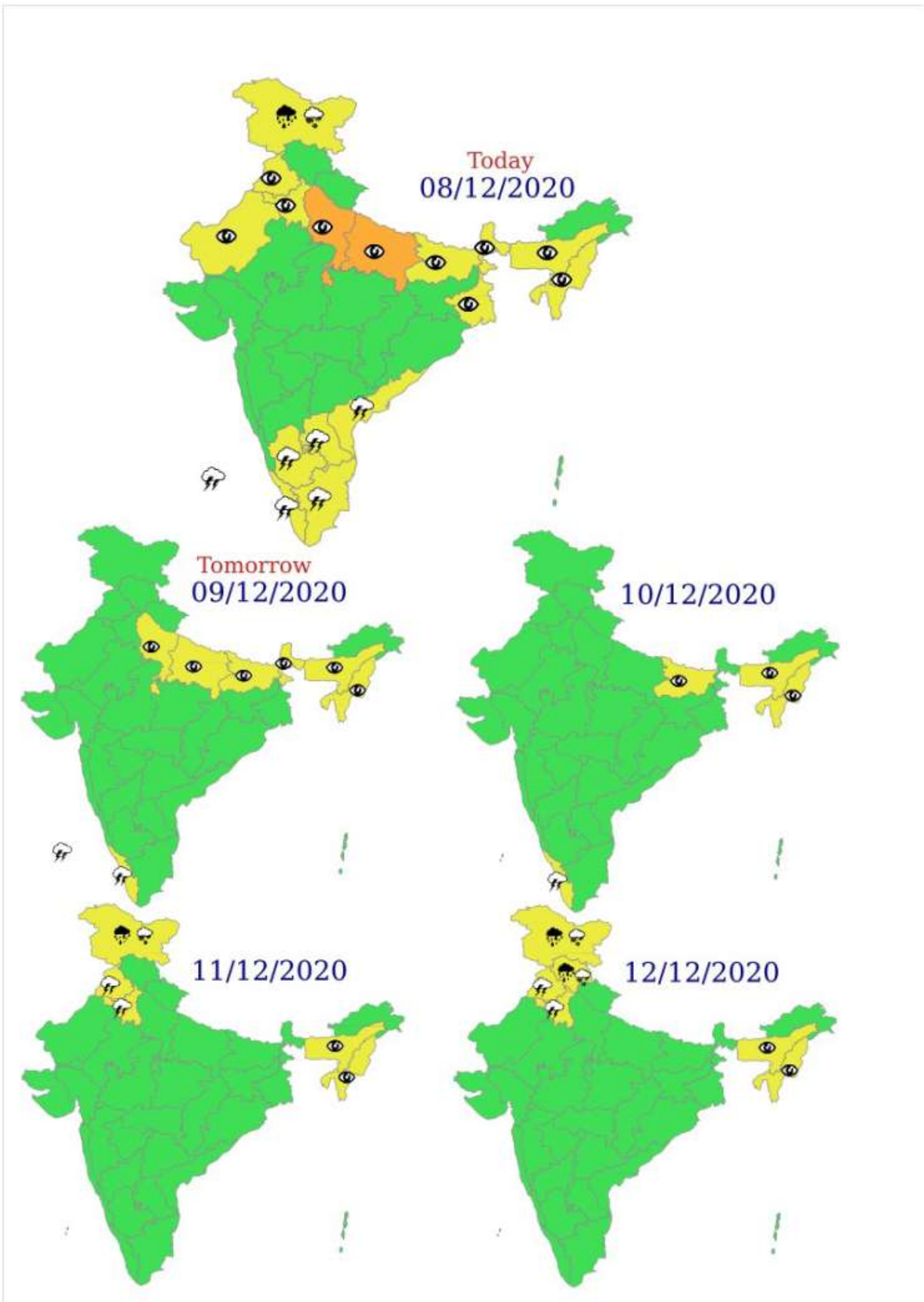
Legends: **Yellow: Be updated, Orange- Be prepared; Red- Take action, Green: No warning**

Heavy rain: 64.5-115.5 mm/day; Very heavy rain: 115.6-204.4 mm/day; Extremely heavy rain: more than 204.4 mm/day

For further details and forecast updates kindly visit websites of IMD, New Delhi:

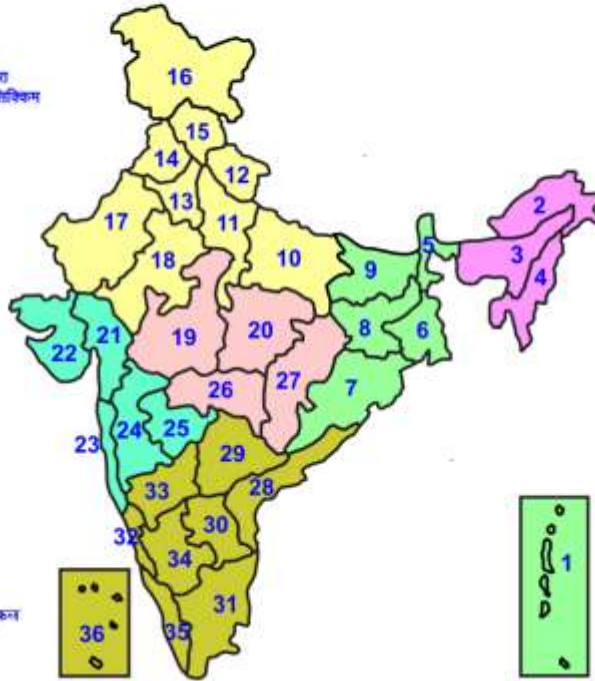
<http://www.imd.gov.in/pages/allindiawxbulletin.php>

# Severe Weather Warning



# LEGENDS

- 1 अंडमान और निकोबार द्वीप समूह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीज़ोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिशा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ 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
- 22 सौराष्ट्र
- 23 कोंकण एवं कच्छ
- 24 मध्य महाराष्ट्र
- 25 मराठवाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यानम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराराईकल
- 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. Marathwada
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