



## Public Weather Bulletin

Thursday 18 February 2020  
Time of Issue: 1315 IST

### Realised Weather (from 0830 hours IST of yesterday to 0830 hours IST of today)

1. **Rain/Thundershowers** observed (from 0830 hours IST yesterday to 0830 hours IST of today): at many places over Arunachal Pradesh and at isolated places over Assam & Meghalaya.
2. **Rainfall** observed at 0830 hours IST of today (1 cm- more ) is: Dibrugarh -1.
3. **Dense fog** observed in isolated parts over coastal Odisha.

### Weather System

1. Western Disturbance as a cyclonic circulation lies over Kashmir & neighbourhood at 3.6 km above mean sea level.
2. A trough in lower and middle level westerlies runs roughly along Long. 91°E to the north of Lat. 25°N.
3. A fresh Western Disturbance is likely to affect Western Himalayan Region & adjoining plains from 20th February.

### Weather Forecast

1. The **Western Disturbance** as a cyclonic circulation over Kashmir & neighbourhood at mid tropospheric level very likely to give light isolated to scattered rainfall/snowfall activity over Jammu & Kashmir, Ladakh, Gilgit - Baltistan and higher reaches of Himachal Pradesh during next 2 days.
2. Another **fresh Western Disturbance** is likely to affect Western Himalayan Region & adjoining plains from 20th February. Under its influence, an induced cyclonic circulation is very likely to develop over southwest Rajasthan on 20<sup>th</sup> February with high moisture feed from the Arabian Sea at lower & mid tropospheric levels. Under its influence light to moderate scattered to fairly widespread rainfall/snowfall with isolated thunderstorm & lightning very likely over Western Himalayan Region during 20<sup>th</sup> & 21<sup>st</sup> February, 2020.
3. Light isolated to scattered rainfall with isolated thunderstorm, lightning & gust winds (speed reaching 30-40 kmph) also very likely over Punjab, Haryana, Chandigarh, Uttar Pradesh, East Madhya Pradesh and Chhattisgarh during 20<sup>th</sup> & 21<sup>st</sup> February, 2020.
4. A trough in westerlies between 3.1 km and 5.8 km above mean sea level runs roughly along Long. 91°E to the north of Lat. 25°N. very likely to give scattered to fairly widespread rainfall over Arunachal Pradesh and isolated over Assam Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 2 days.

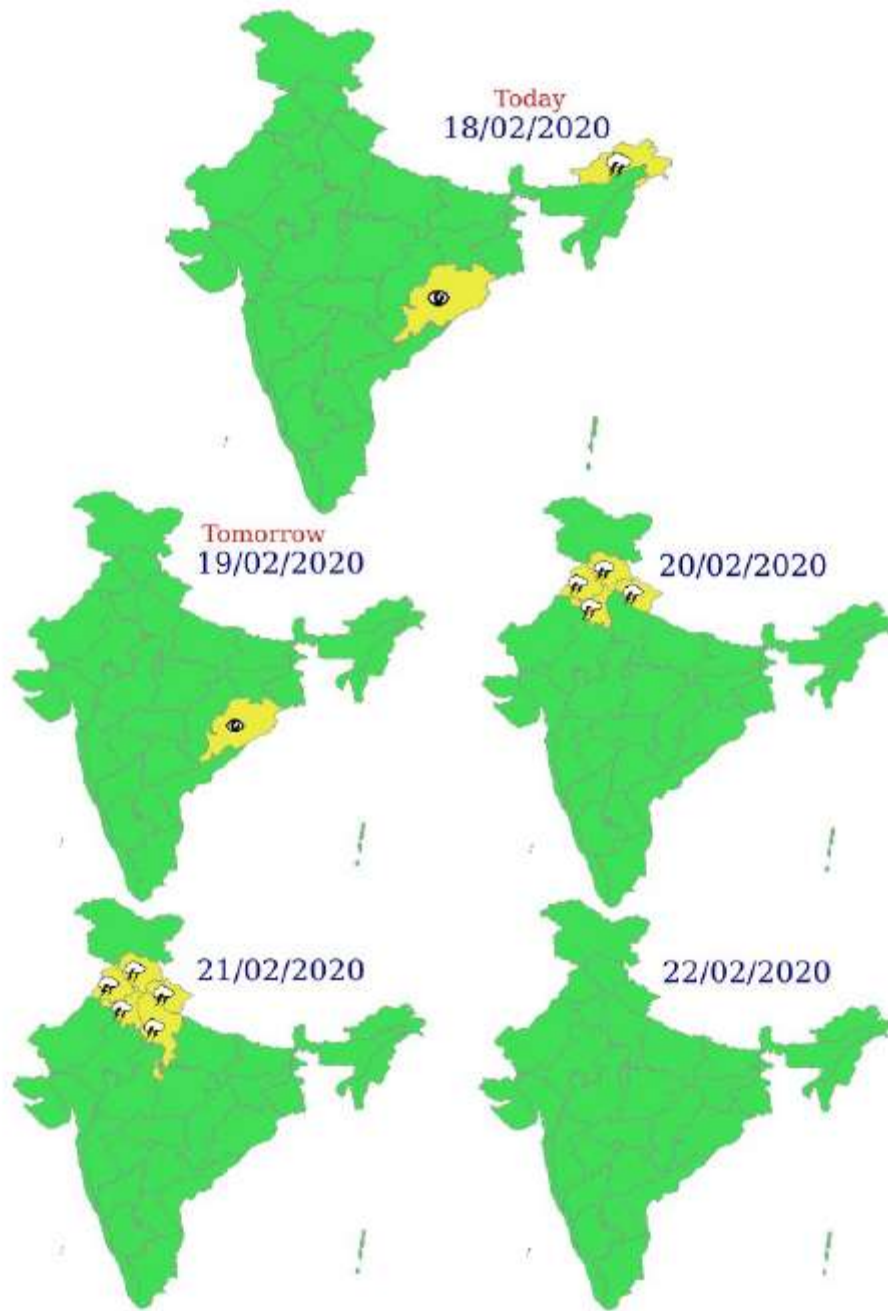
Detailed forecast & warnings for the above systems are as follow:

Sub-Divisions	18 Feb. 2020*	19 Feb. 2020*	20 Feb. 2020*	21 Feb. 2020*	22 Feb. 2020*
<b>Jammu &amp; Kashmir</b>	Rain/snowfall at isolated places	Rain/snowfall at a few places	Rain/snowfall at a few places	Rain/snowfall at isolated places	Rain/snowfall at a few places
<b>Himachal Pradesh</b>	Rain/snowfall at isolated places	Rain/snowfall at isolated places	Rain/Snowfall at many places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rain/Snowfall at many places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rain/snowfall at a few places
<b>Uttarakhand</b>	Dry	Rain/snowfall at isolated places	Rain/snowfall at a few places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rain/snowfall at many places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rain/snowfall at a few places
<b>Punjab</b>	Dry	Dry	Rain at a few places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rain at a few places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rain at isolated places
<b>Haryana, Chandigarh &amp; Delhi</b>	Dry	Dry	Rain at a few places with isolated thunderstorm & lightning & gusty wind (speed reaching 30-40 kmph)	Rainfall at a isolated places with isolated thunderstorm, lightning & gusty wind (speed reaching 30-40 kmph)	Rain at isolated places
<b>West Uttar Pradesh</b>	Dry	Dry	Rain at isolated places	Rainfall at a isolated places with thunderstorm, lightning & gusty wind (speed reaching 30-40 kmph)	Rain at isolated places
<b>East Uttar Pradesh</b>	Dry	Dry	Dry	Rainfall at a isolated places	Rainfall at a isolated places
<b>East Madhya Pradesh and Chhattisgarh</b>	Dry	Dry	Dry	Rainfall at a isolated places	Rainfall at a isolated places
<b>Bihar</b>	Dry	Dry	Dry	Rainfall at isolated places	Rainfall at isolated places

**Legends: Given in last page.**

**For more details kindly visit IMD website: <https://mausam.imd.gov.in/>**

For district level warning, kindly visit website of Meteorological Centres/Regional Meteorological Centres of IMD at state levels.



Legends: Given in last page.



## LEGENDS

1. अंडमन और निकोबार द्वीप समूह
2. अरुणाचल प्रदेश
3. असम और मिजोरम
4. पार्वतीय मालाया, मिजोरम और त्रिपुरा
5. उत्तर हिमालय, उत्तरांचल प्रदेश, उत्तर प्रदेश
6. उत्तरांचल प्रदेश
7. झारखंड
8. बिहार
9. छत्तीसगढ़
10. गुजरात
11. कर्नाटक
12. केरल
13. मध्य प्रदेश
14. महाराष्ट्र
15. मणिपुर
16. उत्तर प्रदेश
17. मेघालय
18. मिजोरम
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36. मिजोरम



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Bihar
6. Orissa
7. Chhattisgarh
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Jharkhand
13. Haryana, Chh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Karnataka
23. Kerala & Goa
24. Madhya Maharashtra
25. Maharashtra
26. Andhra Pradesh
27. Chhattisgarh
28. Coastal Andhra Pradesh
29. Odisha
30. Rayachoti
31. Tamil Nadu & Pondicherry
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala
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)
Dry (No station reported Rainfall)			

### 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



\* Red color warning does not mean "Red Alert" Red color warning means "Take Action".

Forecast and Warning for any day is valid from 0800 hours IST of day to 0800 hours IST of next day  
For more details kindly visit [www.imd.gov.in](http://www.imd.gov.in) or contact : +91 11 26221913, 26222642, 26222766

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