



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

**Press Release  
Date: 05<sup>th</sup> March, 2020  
Time of Issue: 1630 hrs IST**

**Subject: Intense wet spell over northwest & adjoining Central India due to an active Western Disturbance during 5<sup>th</sup> March to 7<sup>th</sup> March, 2020.**

- A Western Disturbance as a cyclonic circulation lies over southwest Afghanistan & neighbourhood at middle-tropospheric levels. Under its influence, an induced low pressure area formed over southwest Rajasthan & neighbourhood today the 05<sup>th</sup> March, 2020 morning.
- In addition, there is high moisture feeding from Arabian Sea at lower & middle tropospheric levels over northwest India. Under its influence:
  - Widespread light to moderate rainfall/snowfall most likely over Western Himalayan region till 07<sup>th</sup> March and **significant decrease thereafter**. Isolated **heavy rain/snowfall** very likely over Jammu & Kashmir, Gilgit-Baltistan from 05<sup>th</sup> to 07<sup>th</sup> and over Himachal Pradesh on 05<sup>th</sup> & 06<sup>th</sup> and over Uttarakhand on 06<sup>th</sup> March, 2020.
  - Fairly widespread to widespread light to moderate rainfall/thundershowers most likely over Punjab, Haryana, Chandigarh, Delhi and Uttar Pradesh during 5<sup>th</sup>–7<sup>th</sup> March, 2020 and scattered to fairly widespread light to moderate rainfall over Rajasthan till 6<sup>th</sup> March, 2020. **Heavy rainfall** at isolated places is also very likely over Punjab on 5<sup>th</sup> March; over Haryana and West Uttar Pradesh on 05<sup>th</sup> & 06<sup>th</sup> March, 2020.
  - Thunderstorm accompanied with **lightning, hail & gusty wind (speed reaching 30-40 kmph)** very likely to occur at isolated places over Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh, Delhi, Uttar Pradesh and West Rajasthan during 05<sup>th</sup> & 06<sup>th</sup> March, 2020.
  - Due to confluence between westerly winds associated with the Western Disturbance and moist low level easterly wind from Bay of Bengal till 07<sup>th</sup> March over central & east India, moderate scattered to fairly widespread rainfall with **isolated thunderstorm, lightning/hail/gusty wind (speed reaching 30-40 kmph)** very likely over Madhya Pradesh, Vidarbha and Chhattisgarh on 05<sup>th</sup> & 06<sup>th</sup> March; over Bihar, Jharkhand, West Bengal, Sikkim and Odisha till 07<sup>th</sup> March and over northeastern states mainly Meghalaya and Tripura till 08<sup>th</sup> March, 2020.
  - Detailed forecast & warnings are given in following page:

Sub-Divisions	05 March, 2020*	06 March 2020*	07 March 2020*
<b>Jammu, Kashmir, Ladakh &amp; Gilgit-Baltistan</b>	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning & hail
<b>Himachal Pradesh</b>	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rain/snowfall at many places
<b>Uttarakhand</b>	Rain/snowfall at many places with isolated thunderstorm, lightning & gusty wind speed reaching 30-40 kmph	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rain/snowfall at many places with isolated thunderstorm & lightning, hail & gusty wind speed reaching 30-40 kmph
<b>Punjab</b>	Rain/snowfall at most places with isolated heavy rainfall/snowfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at most places with thunderstorm, lightning & gusty wind speed reaching 30-40 kmph	Rainfall at Isolated places
<b>Haryana, Chandigarh &amp; Delhi</b>	Rain/snowfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at Isolated places
<b>West Uttar Pradesh</b>	Rainfall at many places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at most places with isolated heavy rainfall, thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at Isolated places
<b>East Uttar Pradesh</b>	Rainfall at many places with isolated thunderstorm with lightning	Rainfall at most places with isolated thunderstorm, lightning & hail	Rainfall at a few places
<b>West Rajasthan</b>	Rainfall at many places with isolated thunderstorm, lightning & hail	Rainfall at isolated places with isolated thunderstorm, lightning & hail	Dry
<b>East Rajasthan</b>	Rainfall at a few places with isolated thunderstorm, lightning & gusty wind speed reaching 30-40 kmph	Rainfall at a few places with isolated thunderstorm, lightning, hail gusty wind speed reaching 30-40 kmph	Rainfall at isolated places

<b>West Madhya Pradesh</b>	Rainfall at isolated places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at isolated places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Dry
<b>East Madhya Pradesh</b>	Rainfall at isolated places with isolated thunderstorm & lightning	Rainfall at a few places with isolated thunderstorm, lightning hail & gusty wind speed reaching 30-40 kmph	Rainfall at isolated places
<b>Bihar</b>	Rainfall at isolated places with isolated thunderstorm, lightning & hail	Rainfall at many places with isolated thunderstorm, lightning & hail	Rainfall at isolated places
<b>Jharkhand</b>	Rainfall at many places with isolated thunderstorm, lightning, hail gusty wind speed reaching 30-40 kmph	Rainfall at most places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places with isolated thunderstorm & lightning
<b>Chhattisgarh</b>	Rainfall at a few places with isolated thunderstorm, lightning, hail gusty wind speed reaching 30-40 kmph	Rainfall at many places with isolated thunderstorm & lightning	Rainfall at isolated places
<b>Odisha</b>	Rainfall at many places with isolated thunderstorm, lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at many places with isolated heavy rainfall, thunderstorm & lightning, hail & gusty wind speed reaching 30-40 kmph	Rainfall at a few places with isolated thunderstorm & lightning & gusty wind speed reaching 30-40 kmph
<b>Gangetic West Bengal</b>	Rainfall at many places with isolated thunderstorm, lightning & gusty wind speed reaching 30-40 kmph	Rainfall at many places with isolated thunderstorm & lightning & gusty wind speed reaching 30-40 kmph	Rainfall at a few places with isolated thunderstorm & lightning & gusty wind speed reaching 30-40 kmph

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

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

Heavy rain: 64.5-115.5 mm/day; isolated rain ( $\leq 25\%$  of stations gets rain), scattered or at a few places rain (26 to 50% of stations gets rain), at many places or fairly widespread rain (51–75% of stations gets rain) and at most places or wodespread rain ( $> 75\%$  of stations gets rain)

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

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

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