



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

**Press Release
Date: 17th April, 2020
Time of Issue: 1700 hrs IST**

Subject: Severe Weather over northwest, northeast & adjoining east India during 17th to 21st April 2020

Weather System and associated weather:

Northwest India

- A Western Disturbance as a cyclonic circulation lies over northeast Afghanistan at mid-tropospheric levels.
- An induced cyclonic circulation lies over central Pakistan at lower tropospheric levels.
- Under its influence, fairly widespread to widespread rain/thundershowers likely over Western Himalayan Region (Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Himachal Pradesh and Uttarakhand) and isolated to scattered rain/thundershowers likely over adjoining plains of northwest India on 17th & 18th April and decrease thereafter.
- **Isolated heavy falls is also very likely over Jammu & Kashmir today, the 17th April; and Isolated thunderstorm accompanied with lightning, hail & gusty winds also likely over Western Himalayan region (Jammu & Kashmir, Himachal Pradesh & Uttarakhand) during 17th & 18th April 2020.**

Northeast & adjoining east India

- A cyclonic circulation lies over south Assam at lower tropospheric levels.
- In addition, moist winds from the Bay of Bengal are very likely to continue to incur over northeast & adjoining east India during next 4-5 days.
- Light to moderate fairly widespread to widespread rainfall along with **thunderstorm & lightning** is very likely over Sub-Himalayan West Bengal, Sikkim and Northeastern states during next 5 days.
- **Isolated heavy rainfall is also very likely over Assam & Meghalaya on 17th, 18th & 21st; Nagaland, Manipur, Mizoram & Tripura on 17th & 18th; Sub-Himalayan West Bengal & Sikkim on 19th & 21st April, 2020 and Arunachal Pradesh on 18th, 19th & 21st April, 2020.**
- **Hailstorm** very likely at isolated places over Assam & Meghalaya and Arunachal Pradesh on 18th April, 2020.

- Detailed forecast & warnings for next 5 days are as follow:

Northwest India

Sub-Divisions	17 April 2020*	18 April 2020*	19 April 2020*	20 April 2020*	21 April 2020*
Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad	Rainfall at most places with heavy falls at isolated places and thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph) at isolated places	Rainfall at many places with isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at a few places with isolated thunderstorm accompanied with lightning
Himachal Pradesh	Rainfall at most places with isolated places with thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at a few places with isolated thunderstorm accompanied with lightning
Uttarakhand	Rainfall at many places with isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at a few places with isolated thunderstorm accompanied with lightning
Punjab	Rainfall at a few places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places	Rainfall at a few places with isolated thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)	Rainfall at isolated places	Rainfall at isolated places	Rainfall at isolated places
Haryana, Chandigarh & Delhi	Rainfall at a few places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places	Rainfall at a few places with isolated thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph)	Rainfall at isolated places	Rainfall at isolated places	Rainfall at isolated places

Northeast & adjoining East India

Sub-Divisions	17 April 2020*	18 April 2020*	19 April 2020*	20 April 2020*	21 April 2020*
Sub-Himalayan West Bengal & Sikkim	Rainfall at a few places with isolated thunderstorm accompanied with lightning	Rainfall at most places with heavy falls at isolated places with isolated thunderstorm accompanied with lightning & squall (speed reaching 50-60 kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and Squall (50-60 Kmph)
Arunachal Pradesh	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at most places with heavy falls at isolated places with with isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)
Assam & Meghalaya	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and squally wind (50-60 Kmph)	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning, hail & squall (speed reaching 50-60 kmph)	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).
Nagaland, Manipur, Mizoram & Tripura	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and squally wind (50-60 Kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning & squall (speed reaching 50-60 kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph)	Rainfall at most places with heavy falls at isolated places with thunderstorm accompanied with lightning and Gusty wind (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.