

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

Press Release Date: 3rd May, 2020

Time of Issue: 1730 hrs IST

Subject: Severe Weather activity over North, East & Northeast India

Weather System and associated weather:

- A cyclonic circulation over Bangladesh & neighbourhood at lower tropospheric levels.
- A Western Disturbance as a trough runs roughly along longitude 67°E to the north of latitude 33°N in mid-tropospheric levels.
- A cyclonic circulation lies over north Rajasthan & neighbourhood at lower tropospheric levels.
- An east-west trough runs from above cyclonic circulation to southern parts of West Bengal at lower tropospheric levels across Uttar Pradesh & Jharkhand.
- In addition, strong southeasterly/easterly wind condition likely to prevail in the lower tropospheric levels during 3rd 6th May over northern plains of India along with likely continuity of moisture incursion from both Arabian Sea and Bay of Bengal over the region.
- As a result, scattered to fairly widespread rain/thunderstorm accompanied with lightning & gusty winds are very likely to continue over northern plains during 3rd 6th May with peak activity on 4th & 5th May with isolated thundersquall likely over the region. Western Himalayan region (Jammu & Kashmir, Ladakh, Gilgit-Baltistan, Muzaffarabad, Himachal Pradesh and Uttarakhand) also likely to experience fairly widespread to widespread rain/thundershowers accompanied with isolated hail, lightning & gusty winds (speed 30-40 kmph) during 4th 6th May and significant reduction thereafter.
- Ongoing intense thunderstorm activity over Northeast India & adjoining Eastern states also likely to continue during next 3-4 days and significant reductions in thunderstorm and rainfall activity over these regions thereafter.
- Detailed forecast & warnings for next 5 days are as follows:

Sub-Divisions	03 rd May 2020*	04 th May 2020*	05 th May 2020*	06 th May 2020*	07 th May 2020*
Jammu & Kashmir, Ladakh, Gilgit- Baltistan, Muzaffarabad	Rainfall at many places with lightning & 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)	thunderstorm accompanied with lightning & gusty	Rainfall at most places with thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph) at isolated places	Rainfall at isolated places

	Rainfall at many			Rainfall at most	
	places with	Rainfall at many	Rainfall at many	places with	
	isolated	places with isolated	places with isolated	thunderstorm	
I II and a short	thunderstorm	thunderstorm	thunderstorm	accompanied with	Deinfell of
Himachal	accompanied with	accompanied with	accompanied with	lightning, hail &	Rainfall at
Pradesh	lightning, hail &	lightning, hail & gusty winds (speed	lightning, hail &	gusty winds (speed	isolated places
	gusty winds (speed	reaching 30-40	squally winds (speed	reaching 30-40	
	reaching 30-40	kmph)	reaching 50-60 kmph)		
	kmph)	- ППРП		places	
	Rainfall at many	Rainfall at many	Rainfall at most	Rainfall at most	
	places with isolated	places with isolated	places with heavy falls at isolated	places with thunderstorm	
	thunderstorm	thunderstorm	places and isolated	accompanied with	
Uttarakhand	accompanied with	accompanied with	thunderstorm	lightning, hail &	Rainfall at a
Ottaraknana	lightning, hail &	lightning, hail &	accompanied with	gusty winds (speed	few places
	gusty winds (speed	gusty winds (speed	lightning, hail &	reaching 30-40	
	reaching 30-40	reaching 30-40	squally winds (speed	kmph) at isolated	
	kmph)	kmph)	reaching 50-60 kmph)	places	
	Rainfall at a few	Rainfall at a few		Rainfall at many	Dry
	places with	places with	Rainfall at many	places with	
	isolated	isolated	places with isolated	thunderstorm	
	thunderstorm	thunderstorm	thunderstorm	accompanied with	
Punjab	accompanied with	accompanied with	accompanied with	lightning, hail &	
	lightning, hail &	lightning, hail &	lightning & squally	gusty winds (speed	
	gusty winds (speed reaching 30-40	squally winds (speed reaching	winds (speed reaching 50-60 kmph)	reaching 30-40 kmph) at isolated	
	kmph)	50-60 kmph)	reaching 50-00 kinpin)	places	
	Rainfall at many			Rainfall at many	Dry
	places with	Rainfall at many	Rainfall at many	places with	2.,
	isolated	places with isolated	places with isolated	thunderstorm	
Haryana,	thunderstorm	thunderstorm	thunderstorm	accompanied with	
Chandigarh &	accompanied with	accompanied with lightning, hail &	accompanied with	lightning, hail &	
Delhi	lightning, hail &	equally winds	lightning, hail &	gusty winds (speed	
	gusty winds (speed	(speed reaching 50-	squally winds (speed	reaching 30-40	
	reaching 30-40	60 kmph)	reaching 50-60 kmph)		
	kmph) Rainfall at a few	. ,		places Rainfall at isolated	Dry
	places with	Rainfall at a few	Rainfall at isolated	places with	ыу
	isolated	places with isolated	places with	thunderstorm	
	thunderstorm	thunderstorm	thunderstorm	accompanied with	
Rajasthan	accompanied with	accompanied with	accompanied with	lightning, hail &	
•	-	lightning, hail &	lightning & gusty winds (speed	gusty winds (speed	
	gusty winds (speed	gusty winds (speed reaching 30-40	reaching 30-40 kmph)	reaching 30-40	
	reaching 30-40	kmph)	at isolated places	kmpn) at isolated	
	kmph)		-	places	
	Doinfall at a favo	Rainfall at many	Rainfall at many	Rainfall at a few	
	Rainfall at a few	places with isolated	places with heavy falls at isolated	places with thunderstorm	
	places with lightning & gusty	thunderstorm	places and isolated	accompanied with	
West Uttar	winds (speed	accompanied with	thunderstorm	lightning, hail &	Rainfall at
Pradesh	reaching 30- 40	lightning, hail &	accompanied with	gusty winds (speed	isolated places
	kmph) at isolated	squally winds	lightning, hail &	reaching 30-40	
	places	(speed reaching 50- 60 kmph)	squally winds (speed	kmph) at isolated	
		oo kilipii)	reaching 50-60 kmph)	places	
	Rainfall at a few	Rainfall at many	Rainfall at many	Rainfall at a few	
East Uttar Pradesh	places with	places with isolated	places with isolated	places with	
	lightning & gusty	thunderstorm	thunderstorm	thunderstorm	D. C. C.
	winds (speed	accompanied with	accompanied with	accompanied with	Rainfall at
	reaching 30- 40	lightning, hail &	lightning, hail &	lightning, hail &	isolated places
	kmph) at isolated	gusty winds (speed reaching 30-40	squally winds (speed	gusty winds (speed reaching 30-40	
	places	kmph)	reaching 50-60 kmph)	kmph) at isolated	
		мпрп)		Milipit) at isolated	

				places	
Bihar	Rainfall at isolated places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places	Rainfall at a few places with isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 40-50 kmph)	Rainfall at many places with isolated thunderstorm accompanied with lightning & squally winds (speed reaching 50-60 kmph)	Rainfall at a few places with thunderstorm accompanied with lightning at isolated places	Rainfall at isolated places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places
West Bengal & Sikkim	Rainfall at a few places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places	Rainfall at many places with lightning & gusty winds (speed reaching 40- 50 kmph)	thunderstorm	Rainfall at many places with heavy falls at isolated places and isolated thunderstorm accompanied with lightning, hail & gusty winds (speed reaching 30-40 kmph)	Rainfall at a few places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places
North East India	Rainfall at many places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places	Rainfall at many places with isolated thunderstorm accompanied with lightning & squally winds (speed reaching 50-60 kmph)	Rainfall at most places with heavy falls at isolated places and isolated thunderstorm accompanied with lightning & squally winds (speed reaching 50-60 kmph)	places with lightning & gusty winds (speed reaching 30- 40 kmph) at isolated places	Rainfall at many places with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places

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 (≤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.