



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

Press Release  
Date: 15<sup>th</sup> April, 2020  
Time of Issue: 1930 hrs IST

**Subject: Severe Weather over northeast and adjoining east India during 15<sup>th</sup> to 19<sup>th</sup> April 2020.**

**Weather System:**

- A cyclonic circulation lies over West Bengal & adjoining Bangladesh at lower tropospheric levels.
- In addition, there is high convergence of strong moist winds from the Bay of Bengal is very likely over northeast & adjoining east India during next 4-5 days.

**Forecast and Warning:**

- Light to moderate fairly widespread to widespread **rainfall** is very likely over Sub-Himalayan West Bengal, Sikkim and Northeastern states during next 5 days.
- **Thunderstorms** accompanied with Squally/Gusty winds and lightning are also very likely over these regions during same period.
- Isolated **Hailstorm** is also likely over Sub Himalayan West Bengal & Sikkim on 15<sup>th</sup> April and over Assam, Meghalaya, Nagaland, Manipur, Mizoram & Tripura on 15<sup>th</sup> & 16<sup>th</sup> April.
- Isolated **Heavy Rainfall** is also likely over Assam & Meghalaya on 15<sup>th</sup>, 16<sup>th</sup>, 18<sup>th</sup> & 19<sup>th</sup> April; Sub Himalayan West Bengal & Sikkim on 15<sup>th</sup>, 16<sup>th</sup> & 18<sup>th</sup>; Arunachal Pradesh on 16<sup>th</sup>, 18<sup>th</sup> & 19<sup>th</sup> April and Nagaland, Manipur, Mizoram and Tripura on 16<sup>th</sup> April.
- Detailed forecast & warnings for next 5 days are as follow:

Sub-Divisions	15 April 2020*	16 April 2020*	17 April 2020*	18 April 2020*	19 April 2020*
Sub-Himalayan West Bengal & Sikkim	Rainfall at many places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rainfall at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning, hail and Squall (40-50 Kmph).	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rain/Snow at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning and Squall (45-55 Kmph).	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).

<b>Arunachal Pradesh</b>	Rainfall at few places at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rainfall at most places with <b>heavy falls</b> 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).	Rain/Snow at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rain/Snow at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).
<b>Assam &amp; Meghalaya</b>	Rainfall at many places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning, hail and Squall (50-60 Kmph).	Rainfall at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning, hail and Squall (40-50 Kmph).	Rainfall at many places with isolated thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rain/Snow at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).	Rain/Snow at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning and Gusty wind (30-40 Kmph).
<b>Nagaland, Manipur, Mizoram &amp; Tripura</b>	Rainfall at many places at isolated places with thunderstorm accompanied with lightning, hail and Squall (50-60 Kmph).	Rainfall at most places with <b>heavy falls</b> at isolated places with thunderstorm accompanied with lightning, hail and Squall (40-50 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 many places with isolated 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.