

Govt. of India / भारत सरकार
Ministry of Earth Sciences / पृथ्वी विज्ञान मंत्रालय
India Meteorological Department / भारत मौसम विज्ञान विभाग
Regional Meteorological Centre / क्षेत्रीय मौसम केंद्र
Guwahati – 781 015 / गुवाहाटी - ७८१०१५

Press Release-1

Dated 09th October 2018

Sub: Enhanced rainfall activity over Assam & Meghalaya (A&M) and Nagaland, Manipur, Mizoram & Tripura (NMMT) subdivisions during 11th-13th October

- **Rainfall activity over north-eastern states during last 24 hours:**
 - Available data indicate that light to moderate rain occurred at many places over Arunachal Pradesh, at few places over Assam & Meghalaya and at isolated places over Mizoram. Light rainfall occurred at isolated places over Nagaland, Manipur & Tripura.
 - **Chief amounts of rainfall (in cm) recorded at 0830 hrs IST of today are:**

Bhalukpong & Lunglei = 4 each, Tezu = 3, Deomali, Majbat, Tuting, Umiam & Roing = 2 each, Sabroom, Ongangkong (NSDMA AWS), Dibrugarh A/P, Serchhip, Tamulpur, Kokrajhar, Rangia, Puthimari & Seppa = 1 each.
- **Meteorological Analysis:**
 - The trough in westerlies runs roughly along Long. 89°E to the north of Lat. 22°N between 3.1 km & 3.6 km above mean sea level.
 - The Deep Depression over west central Bay of Bengal remained practically stationary and lay centred at 0830 hrs IST of today, the 09th October 2018, over west central Bay of Bengal near Lat 14.7°N & Long. 87.1°E, about 560 km southeast of Gopalpur (Odisha), 510 km southeast of Kalingapatnam (Andhra Pradesh). It is very likely to intensify into a Cyclonic Storm during next 06 hours and into a Severe Cyclonic Storm during the subsequent 24hours. It is very likely to move west-northwestwards for some more time and then northwestwards and cross Odisha and adjoining north Andhra Pradesh coasts between Gopalpur & Kalingapatnam around morning of 11th October 2018. Thereafter, it is very likely to recurve northeastwards, move towards Gangatic West Bengal across coastal Odisha and weaken gradually.
- **Rainfall Forecast during next 5 days:**
 - The current Meteorological analysis and numerical model guidance suggests a significant increase in the spatial coverage as well as the intensity of the rainfall activity from Day-3 (i.e. 11th October 2018) onwards and rainfall at most places are most likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura (NMMT) during 11th-13th October 2018.

• State wise District Level Heavy Rainfall Warnings for next 5 days:

State:-	Assam				
Date:-	10/9/2018				
District	Day1	Day2	Day3	Time of issue Day4	Mid-Day Day5
	09 October 2018*	10 October 2018*	11 October 2018*	12 October 2018*	13 October 2018*
DHUBRI	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
SOUTH SALMARA-MANKACHAR	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING	NO WARNING
KOKRAJHAR	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
GOALPARA	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
BONGAIGAON	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
CHIRANG	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
BARPETA	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING	NO WARNING
BAKSA	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
KAMRUP (RURAL)	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
NALBARI	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
KAMRUP (METRO)	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
DARRANG	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
UDALGURI	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
MORIGAON	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
NAGAON	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
HOJAI	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
SONITPUR	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
BISWANATH	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
KARBI ANGLONG	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
WEST KARBI ANGLONG	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	NO WARNING
GOLAGHAT	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
JORHAT	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
MAJULI	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
LAKHIMPUR	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
DHEMAJI	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
SIBSAGAR	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
CHARAIDEO	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
DIBRUGARH	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
TINSUKIA	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
DIMA HASAO	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
CACHAR	NO WARNING	NO WARNING	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
HAILAKANDI	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
KARIMGANJ	NO WARNING	NO WARNING	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES

Note: *Valid till 0830 hrs IST of the next day

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

State:-	Nagaland				
Date:-	10/9/2018			Time of issue	Mid-Day
District	Day1	Day2	Day3	Day4	Day5
	09 October 2018*	10 October 2018*	11 October 2018*	12 October 2018*	13 October 2018*
PAREN	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
DIMAPUR	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
KOHIMA	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
WOKHA	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING	NO WARNING
PHEK	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
ZUNHEBOTO	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
MOKOKCHUNG	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
LONGLENG	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
MON	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
TUENSANG	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
NOKLAK	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
KEPHIRE	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING

State:-	Manipur				
Date:-	10/9/2018			Time of issue	Mid-Day
District	Day1	Day2	Day3	Day4	Day5
	09 October 2018*	10 October 2018*	11 October 2018*	12 October 2018*	13 October 2018*
TAMENGLONG	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
SENAPATI	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
KANAGPOKPI	NO WARNING	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
IMPHAL WEST	NO WARNING	NO WARNING	NO WARNING	NO WARNING	NO WARNING
IMPHAL EAST	NO WARNING	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
UKHRUL	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
KAMJONG	NO WARNING	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
JIRIBAM	NO WARNING	NO WARNING	NO WARNING	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
NONEY	NO WARNING	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
BISHNUPUR	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
THOUBAL	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
KAKCHING	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
TENGNOUNPAL	NO WARNING	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
CHANDEL	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
CHURACHAND PUR	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
PHERZAWL	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES

Note: *Valid till 0830 hrs IST of the next day

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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

State:-	Mizoram				
Date:-	10/9/2018				
District	Day1	Day2	Day3	Day4	Day5
	09 October 2018	10 October 2018	11 October 2018	12 October 2018	13 October 2018
MAMIT	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
KOLASIB	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
AIZWAL	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
CHAMPHAI	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
SERCHHIP	NO WARNING	NO WARNING	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	NO WARNING
LUNGLEI	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES
LAWNGTLAI	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES
SAIHA	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY TO VERY HEAVY RAINFALL IS LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES	HEAVY RAINFALL LIKELY AT ISOLATED PLACES

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Most Likely	>75
