

WEEKLY WEATHER REPORT FOR ARUNACHAL PRADESH, ASSAM, MEGHALAYA, NAGALAND, MANIPUR, MIZORAM AND TRIPURA FOR THE WEEK ENDING ON 11-10-2017

SYNOPTIC FEATURE :

Last week, the cyclonic circulation over Bangladesh & n'hood had become lessmarked on 5th. A cyclonic circulation lay over East central bay of Bengal & n'hood extended upto 4.5 km asl on 5th, it lay over West central Bay of Bengal and adj. Northwest Bay of Bengal extended upto 1.5 km asl on 6th, it lay over South Odisha & n'hood between 1.5 & 7.6 km asl on 7th, it lay over Odisha & n'hood extended upto 3.6 km asl on 8th and became lessmarked on 9th. A cyclonic circulation lay over North Bay of Bengal & n'hood extended upto 4.5 km asl on 7th and its influenced a low pressure area had formed over North Bay of Bengal and adj. South Bangladesh with associated cyclonic circulation extended upto 5.8 km asl on 8th, it concentrated into well marked low and thence to depression over Gangetic West Bengal and adj. North Bay of Bengal on 9th, it concentrated into Deep Depression over Gangetic West Bengal moved Northwest ward with a speed of about 06 KMPH and lay centred at 1430 hrs IST. On 9th, it further moved Westnorthwest wards and lay centred at 0830 hrs IST on 10th over Gangetic West Bengal and adj. Jharkhand near Lat. ° N & Long. ° E.23.5 Deg N and Long.86.7 Deg E closed to Purulia on 10th, it weakened into Depression over Jharkhand & adj. West Bengal moved Northward with a speed of about 16 KMPH and lay centred 1430 Hrs IST on 10th over same areas near Lat. ° N & Long. ° E 24.0 deg N and Long 86.6 deg about 45 km NE of Dhanbad, it weakened into a low pressure area over the same region and became lessmarked on 11th, however the associated cyclonic circulation over Jharkhand & West Bengal persisted extended upto 3.1 km asl on 11th Oct'2017.

RAINFALL DISTRIBUTION AND WEATHER ACTIVITY :

Available data indicate that light to moderate rain occurred at many places over Nagaland on 7th & 10th; Mizoram on 7th & 9th; Tripura on 7th, 9th & 10th; at a few places over Arunachal Pradesh on 10th; Assam on 7th, 8th & 10th; Mizoram on 8th & 10th; Tripura on 5th; at isolated places over Arunachal Pradesh on 7th & 9th; Assam on 9th; Meghalaya on 5th, 9th & 11th; Mizoram on 6th & 7th; Tripura on 7th; light rain occurred at many places over Nagaland 9th; Manipur & Mizoram on 10th; at a few places over Manipur on 7th; Nagaland on 8th; at isolated places over Arunachal Pradesh on 8th & 11th; Assam, Nagaland & Tripura on 6th & 11th; Manipur on 9th & 11th; Mizoram on 11th; isolated heavy falls over Assam on 7th, 8th & 9th; Meghalaya 9th; Mizoram & Tripura on 7th and dry weather prevailed over Meghalaya on 6th & 7th; Manipur on 6th & 8th Oct'17 during this week.

No. of Districts showing different rainfall activity in different sub-divisions

	<u>For the week ending on 11.10.2017</u>					<u>For the period from. 01.10.2017 to 11.10.2017</u>				
	Excess	Normal	Deficient	Scanty	No Rain	Excess	Normal	Deficient	Scanty	No Rain
Arunachal Pradesh	0	1	1	7	4	2	3	3	5	0
Assam & Meghalaya	3	3	5	17	3	5	9	9	7	1
Nagaland, Manipur, Mizoram & Tripura	1	4	2	8	1	1	2	7	5	1

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Excess +20%, Normal 19% to -19%, Deficient -20% to -59%, Scanty -60% to -99% and No Rain -100%

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Chief amount of rainfall (in cm):

05.10.17: Shillong=4; Sabroom & Khowai=2; Lunglei, gandachera, Lengpui, Tuting & anini=1 each.

06.10.17: Lengpui= 2.

07.10.17: B P Ghat=8, Kamalpur, Lengpui=7, Margherita, Chouldhowaghat=5, Deomali=4, N/Lakhimpur, Agartala A/P=3, Kherunighat, Namsai, Bokajan, Jharnapani, A P Ghat, Gandachera, Gharmura=2, Tezu, Chotabekra, Dillighat, Dholai, Lunglei(Aws), Khowai, Aizwal, Bihubar, Lakhipur, Marigaon(Aws), Borkhetri (Aws) , Lunglei, Silchar , Kailasahar, Lumding=1 each.

08.10.17: Amraghat=10, Dholai=9, Majbat=7, B P Ghat=5, Silchar=4, Udalguri(Aws) , Kanchanpur, A P Ghat, Barpeta , Matijuri=3, Barapani, Aizwal, Serchip, Karimganj, Lunglei, Kailasahar, Lengpui, Lunglei(Aws), Lakhipur=2, Tangla, Dharmanagar, Drf, Beki Rd. Bridge, Barpeta(Aws), Guwahati A/P=1 each.

09.10.17: Sohra & Margherita=7 each, Silchar & B P Ghat= 5 each, Sohra(Rkm)=4 , Serchip, Amraghat, Matijuri & Tuting=2 each, Kanchanpur, Lengpui, Chotabekra, A P Ghat, Lakhipur & Bishalgarh=1 each.

10.10.17: Kohima= 5, Borkhetri (Aws)=4, Nalbari, Panbari, Udaipur, Dhubri(Cwc), Golkulpur(Aws)=3, Sonamura, Barapani, Bagafa, Miao, Bishalgarh=2, Motunga, Belonia , Barpeta, Tezpur, Bhalukpong, Dhubri, Rangia, Wokha(Aws), Kherunighat, Sabroom=1,

11.10.17: Shillong= 2.