

Weekly Weather Report for Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram and Tripura for week ending on 22.11-2017

Synoptic feature :

During this week, the depression over West central Bay of Bengal off Andhra Pradesh coast moved North-northeast wards and lay centred at 0830 hrs IST on 16th over West central Bay of Bengal and adj. North-west Bay of Bengal off Andhra Pradesh-South Odisha coast near Lat. 17.7 ° N & Long.84.3 ° E, it lay centred at 0830 hrs IST on 17th over North-west Bay of Bengal off Odisha coast near Lat.19.5 ° N & Long.86.3 ° E about 70 km South of Paradip, 180 km East-northeast of Gopalpur and 250 km South-southwest of Digha, it weakend into well marked low over North-west Bay of Bengal off Odisha- West Bengal coast on 17th and became less marked on 18th, however the associated cyclonic circulation lay over North Odisha & adj. areas of Gangetic west Bengal and Jharkhand extended upto 1.5 km asl on 18th and became less marked on 19th.

An upper air cyclonic circulation lay over Arunachal Pradesh, Northeast Assam & n'hood extended upto 2.1 km asl on 20th, it persisted and extended upto 1.5 km asl on 21st, it seen as a trough from east Arunachal Pradesh to central Assam on 22nd.

Mainly easterly/northeasterly wind prevailed over the region upto 0.9 km asl on 19th.

Rainfall distribution and weather activity:

Available data indicate that an earthquake occurred at 04:04:14 hrs IST dated on 18.11.2017 with moderate intensity having magnitude 6.4 at Lat.30.1° N and Long.95.1° E in china-India(Arunachal Pradesh) Border Region and again an earthquake occurred at 14:18:00 hrs IST dated on 20.11.2017 with moderate intensity having magnitude 5.0 at Lat.23.7° N and Long.94.5° E Myanmar India(Manipur) Border Region. Light to moderate rain occurred at a few places over Mizoram on 16th; over Assam & Meghalaya on 17th; at isolated places over Assam on 18th; light rain occurred at a few places over Arunachal Pradesh on 19th & 21st; over Nagaland & Manipur on 16th, 17th & 18th; over Mizoram on 17th & 18th; over Tripura on 16th & 18th; at isolated places over Arunachal Pradesh on 18th & 22nd; over Assam on 16th, 19th, 21st & 22nd; Meghalaya on 16th & 18th; Nagaland on 19th, 20th & 21st; Mizoram on 20th; Tripura on 17th; weather was dry over Arunachal Pradesh on 16th, 17th & 20th; Assam on 20th; Meghalaya, Manipur & Tripura on 19th, 20th, 21st & 22nd; Mizoram on 19th, 21st & 22nd during this week.

Temperature distribution during the period from 16.11.2017 to 22.11.2017.

States	16.11.2017.		17.11.2017.		18.11.2017.		19.11.2017.		20.11.2017.		21.11.2017		22.11.2017	
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Ar.Pradesh		AN		AN		AAN		AAN		AAN		AAN		AAN
Assam		AN		AAN		AAN		AAN		AAN		AAN		N
Meghalaya		N		AAN		AN		N		N		BN		ABN
Nagaland														
Manipur		MAN		MAN		MAN		AN		MAN		AN		N
Mizoram														
Tripura		N		N		MAN		N		N		N		N

MAN=Markedly above normal, AAN=Appreciably above normal, AN=Above normal, N=Normal
 MBN= Markedly below normal, ABN=Appreciably below normal, BN=Below normal.

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

	for the week ending on 22.11.2017					for the period from 01. 10.17. to 22.11.17.				
	Excess	Normal	Deficient	Scanty	No Rain	Excess	Normal	Deficient	Scanty	No Rain
Arunachal Pradesh	0	1	3	4	3	6	2	1	4	0
Assam & Meghalaya	10	1	2	5	13	19	10	1	1	2
Nagaland, Manipur, Mizoram & Tripura	5	5	3	3	0	8	2	5	1	0

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

Chief Amount Of Rainfall (cm):

16.11.2017: Serchip=4; Lunglei & Bishalgarh=1 each.

17.11.2017: Haflong, Sohra & Mawsynram= 2 each, Luming & Shillong= 1 each.

18.11.2017: B.P.Ghat=5, A P Ghat & Silchar=1 each.

19.11.2017: Nil

20.11.2017: Nil

21.11.2017: Neamatighat=2; Anini(AWS)=1.

22.11.2017: Nil.