

Weekly Weather Report for Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram and Tripura for week ending on 13. 02.2019

Synoptic feature :

The last week cyclonic circulation lay over East Bangladesh and neighbourhood between 0.9 km & 1.5 km above mean sea level on 7th ,it became less marked on 8th ,

A cyclonic circulation lay over east Assam and Neighbourhood at 2.1 km above mean sea level on 8th , it became less marked on 9th .

A cyclonic circulation lay over Bihar & neighbourhood extending upto 1.5 km above mean sea level on 7th , it became less marked on 8th .

A cyclonic circulation lay over Chhattisgarh and neighbourhood extending upto 0.9 km above mean sea level on 8th ,it lay over north Chhattisgarh and adjoining areas of Jharkhand and Odisha on 9th ,it became less marked on 10th .

The western disturbance as a trough in mid & upper air tropospheric westerlies with its axis at 5.8 km above mean sea level ran roughly along long 80 ° E to the north of lat. 22° N on 9th ,it ran between 2.1km & 5.8 km above mean sea level roughly along 92° E to the north of Lat. 26° N on 10th ,it moved northeast wards on 11th .

A cyclonic circulation lay over Bangladesh & neighbourhood between 0.9 & 1.5 km above mean sea level on 11th ,it persisted on 12th & 13th between 1.5 km & 2.1 km above mean sea

Rainfall distribution and weather activity: 07. 02.2019 – 13. 02.2019

Available data indicate that light rain occurred at most places over Arunachal Pradesh on 9th, 10th, 11th; over Assam & Meghalaya on 9th; at many places over Assam on 10th, 11th; over Meghalaya on 10th, at isolated places over Nagaland on 9th, 10th and over Tripura on 9th. Dry weather prevailed over Arunachal Pradesh & Assam on 7th, 8th, 12th & 13th; over Meghalaya on 7th, 8th, 11th, 12th & 13th; over Nagaland on 7th, 8th, 11th, 12th & 13th; over Manipur & Mizoram on 7th, 8th, 9th, 10th, 11th, 12th & 13th and over Tripura on 7th, 8th, 10th, 11th, 12th & 13th. Lowest minimum temperature was recorded on 7th February 4.1°C at Imphal (Plains) and on 11th February 4.1°C at Shillong (Hills).

Temperature distribution during the period from 07. 02.2019 to 13. 02.19

States	07.02.2019		08.02.2019		09.02.2019		10.02.2019		11.02.2019		12.02.2019		13.02.2019	
	Day	Night												
Ar.Pradesh		N		AN		N		AN		AN		N		N
Assam		N		AN		AAN		AN		N		N		N
Meghalaya		N		AAN		N		N		BN		N		N
Nagaland														
Manipur		BN		N		N		AN		N		N		N
Mizoram														
Tripura		N		N		MAN		MAN		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 13.02.2019					for the period from 01. 01.19. to 13.02.19.				
	Excess	Normal	Deficient	Scanty	No Rain	Excess	Normal	Deficient	Scanty	No Rain
Arunachal Pradesh	5	1	1	4	2	0	0	4	8	2
Assam & Meghalaya	14	3	6	3	6	0	1	8	18	7
Nagaland, Manipur, Mizoram & Tripura	5	2	0	1	19	0	1	4	13	11

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

Chief amount of rainfall (in cm)

07.02.19 : Nil.

08.02.19 : Nil.

09.02.19 : Nil

10.02.19 : Deomali, Passighat, Golaghat & Lunding= 1 each.

11.02.19 : Tawang- 1.

12.02.19 : Nil

13.02.19 : Nil