

**Weekly Weather Report for Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram and Tripura for week ending on 10-05-2017**

**Synoptic feature :** Last week, the cyclonic circulation over Chhattisgarh & neighbourhood and the other cyclonic circulation over Assam & Meghalaya have become less marked on 4<sup>th</sup> .An upper air cyclonic circulation lay over Bihar & neighbourhood extended upto 0.9 km above mean sea level on 4<sup>th</sup> and became less marked on 5<sup>th</sup> .A trough in mid tropospheric westerlies ran roughly along longitude 90.0°E and north of latitude 25.0°N on 5<sup>th</sup> and recurved east north eastwards on 6<sup>th</sup> ,

An upper air cyclonic circulation lay over Bihar & neighbourhood extended upto 1.5 km above mean sea level and a trough from the system to Gangetic west Bengal and extended upto 1.5 km above mean sea level on 6<sup>th</sup> , The upper air cyclonic circulation over Bihar & neighbourhood, lay over Sub Himalayan West Bengal and adjoining Bihar and extended upto 1.5 km above mean sea level on 7<sup>th</sup> and became less marked on 8<sup>th</sup> . An upper air cyclonic circulation lies over Assam & neighbourhood extended upto 1.5 km above mean sea level on 7<sup>th</sup>, 8<sup>th</sup> and became less marked on 9<sup>th</sup> . An upper air cyclonic circulation lay over SubHimalayan West Bengal & Sikkim between 1.5 and 3.1 km above mean sea level on 9<sup>th</sup> & 10<sup>th</sup> .

An upper air cyclonic circulation lay over Bihar and adjoining East Uttar Pradesh extended upto 0.9 km above mean sea level on 9<sup>th</sup> , and a northsouth trough extended from this system upto south Chhattisgarh across Jharkhand and extends upto 0.9 km above mean sea level on 9<sup>th</sup> and became less marked on 10<sup>th</sup> . An upper air cyclonic circulation lies over Assam & neighbourhood extending upto 1.5 km above mean sea level. An upper air cyclonic circulation lay over Assam & neighbourhood extended upto 1.5 km above mean sea level on 10<sup>th</sup> .

Rainfall distribution and weather activity :

Hail with diameter 0.5 cm occurred at Guwahati Airport at 15:34 HRS IST on dated 5<sup>th</sup> May .Available data indicates that Heavy rain occurred at isolated places over Tripura ON 5<sup>TH</sup> & 10<sup>TH</sup> and over Assam 6<sup>th</sup> May . Light to moderate rain occurred at most places over Assam & Arunachal Pradesh on 5<sup>th</sup> & 6<sup>th</sup> and over Assam, Meghalaya & Arunachal Pradesh on 7<sup>th</sup> , at many places over Meghalaya & Nagaland on 6<sup>th</sup> ,over Tripura on 7<sup>th</sup> and over Assam, Meghalaya, Arunachal Pradesh & Nagaland on 10<sup>th</sup> , at a few places over Assam & Meghalaya on 4<sup>th</sup> ,over Tripura on 6<sup>th</sup> , and at isolated places over Arunachal Pradesh, Meghalaya, Manipur & Tripura on 8<sup>th</sup> ,and over Assam & Meghalaya on 9<sup>th</sup> , Light rain occurred at most places over Manipur on 6<sup>th</sup> & 7<sup>th</sup> and over Mizoram on 7<sup>th</sup> , and at many places over Tripura on 10<sup>th</sup> , at a few places over Arunachal Pradesh & Tripura on 4<sup>th</sup> , and over Manipur on 10<sup>th</sup> , and at isolated places over Arunachal Pradesh on 9<sup>th</sup> and over Mizoram on 10<sup>th</sup> . Dry weather prevailed over Nagaland on 4<sup>th</sup>, 5<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 9<sup>th</sup> and over Manipur 4<sup>th</sup> & 9<sup>th</sup> , over Mizoram on 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup> & 9<sup>th</sup> and over Tripura on 9<sup>th</sup> May 2017 .

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

	for the week ending on 10.05.2017					for the period from. 01.3.2017 to 10.05.2017				
	Excess	Normal	Deficient	Scanty	No Rain	Excess	Normal	Deficient	Scanty	No Rain
Arunachal Pradesh	5	1	4	2	0	7	4	1	0	0
Assam & Meghalaya	4	7	7	12	1	22	6	1	1	1
Nagaland, Manipur, Mizoram & Tripura	1	0	1	11	2	12	2	3	1	0

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

**Temperature distribution during the period from 04.05.2017 to 10.5.2017.**

States	04.05.2017		05.05.2017		06.05.2017		07.05.2017.		08.05.2017.		09.05.2017		10.05.2017	
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Arunachal Pradesh	AAN		N		MBN		BN		N		AAN		MAN	
Assam	N		N		ABN		N		N		AN		AAN	
Meghalaya	N		AAN		AN		N		N		AN		N	
Nagaland														
Manipur	AAN		AN		AN		AAN		N		AAN		AAN	
Mizoram														
Tripura	AAN		AN		AN		AN		N		AAN		AN	

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

**Chief amount of rainfall ( in cm):**

**04.05.17:** . Beki-Mathanguri= 4 ,Williamnagar ,Gossaigaon ,Dhubri(Cwc) & Dhubri= 2 each ,Baghmara (Aws) ,Anini(Aws) ,Panbari ,Seppa ,Kokrajhar ,Kailasahar & Golaghat( Cwc)= 1each ,  
**05.05.17:**. Anini(Aws)= 7,Dibrugarh A/P= 6,Tinsukia =5,Dhollabazar ,Puthimari ,Panbari & Roing= 4 each,Khowang & Tamulpur= 3 each,Nalbari ,N/Lakhimpur ,Passighat ,Naharkatia ,Chouldhowaghat & Golaghat= 2 each, Guwahati A/P ,Seppa ,Kokrajhar ,Tawang (Aws) ,Beki-Mathanguri ,Goibergaon ,Kamalpur ,Golaghat( Cwc) ,Bahalpur ,Maranhat ,Gossaigaon ,Tezu ,Beki Rd. Bridge ,Hazuwa ,Drf ,Daporijo ,Chaparmukh ,Borpathar ,Miao ,Kampur ,Basar ,Barpeta ,Tezpur ,Chhamonu ,Dharmanagar ,Manas N H Xing ,Cherrapunji ,Jorhat= 1 each  
**06.05.17:** Manas N H Xing =9 ,Kokrajhar=8 ,Aie N H Xing=7 ,Miao= 6 ,Roing ,Beki Rd. Bridge ,Bahalpur ,Nalbari & ,Panbari=5 each ,Gossaigaon ,Naharkatia ,Barpeta ,Dharmanagar ,Margherita ,Puthimari ,Dhollabazar=4 each ,Kailasahar ,Goalpara(Cwc) ,Namsai ,Deomali ,Badatighat ,Maranhat ,Goalpara=3 each ,Anini(Aws) ,Guwahati A/P ,Changlang ,Seppa ,Tinsukia ,Neamatighat ,Passighat ,Dillighat ,Wokha(Aws/Isro) & Williamnagar=2 each ,Daporijo ,Churachandpur(Aws) ,Borpathar ,Along(Aws) ,Dibrugarh A/P ,Golaghat ,Khowang ,Chaparmukh ,Chouldhowaghat ,Golaghat( Cwc) ,Tangla ,Dibrugarh (Aws) & Basar =1 each ,  
**07.05.17 :** Matijuri =5, Dhollabazar = 4,Tezu= 3,Dharmanagar ,Cherrapunji ,Namsai ,Maranhat ,Goalpara ,Khowai ,Kailasahar ,Miao ,Panbari ,Kokrajhar & Gossaigaon= 2 each ,Jorhat ,Bahalpur ,Kanchanpur ,Haflong ,Williamnagar ,Shillong ,Roing ,Aizwal ,Silchar ,Numaligarh ,Lengpui ,Goalpara(Cwc) ,Bhalukpong ,Tezpur ,Neamatighat ,Golaghat ,Dholai ,Gharmura ,Dibrugarh A/P & Margherita =1 each  
**08.05.17:** Dhubri(CWC)= 3, Dhubri=2  
**09.05.17:**. Dhubri & Kokrajhar =4 each ,Nalbari(AWS) =3 ,Gossaigaon =2, Goalpara = 1 .  
**10.05.17:**.. Tezu =7, Bahalpur= 6 ,Kohima=4, Roing ,Chaparmukh,Kokrajhar & Kohima(AWS)= 3 each, Borpathar,Dhollabazar, Dharamtul,Puthimari, Gharmura & Cherrapunjee= 2 each, Guwahati A/P, Dibrugarh, Jorhat, Goalpara,Naharkatia,Dillighat, Bhalukpong & Bishalgarh=1 each .