

Weekly Weather Report for Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram and Tripura for week ending on 19.07. 2018 to 25.07.2018

Synoptic feature :

Southwest Monsoon covered the entire country on 29th June 2018 .

The last week east - west trough at mean sea level from West Rajasthan to northwest Bay of Bengal ran from southwest Rajasthan to East Central Bay of Bengal across Madhya Pradesh , Chhattisgarh & Odisha extending upto 1.5 km above mean sea level on 28th ,it merged with the monsoon trough on 29th

The last week cyclonic circulation over coastal Odisha and adjoining areas of northwest Bay of Bengal & west Bengal lay over Chhattisgarh & neighbourhood extending upto 7.6 km above mean sea level tilting southwards with height on 28th & it merged with the monsoon trough on 29th .

The axis of Monsoon trough at mean sea level passes through Jaisalmar,Kota,Tikamgarh ,Daltonganj,Balasore and thence east –southeastwards to northeast Bay of Bengal extending upto 3.1 km above mean sea level on 29th,it shifted northwards & passed through Bikaner,Alwar,Kanpur,Sultanpur , muzzaffarpur, purnea,dhubri and thence eastwards to east Assam on 30th ,it passed through Firozpur, Meerut, Lucknow,Muzaffarpur,Purnea,Guwahati and thence eastwards to east Nagaland at Mean sea level on 1st July, it passed through Amritsar,Pilibhit,Gonda,Muzaffarpur, Purnea,Goalpara ,Dibrugarh and thence eastwards to Arunachalpradesh on 2nd , the western part of the axis of monsoon trough at mean sea level passed through Firozpur,Hissar,Hardoi,Gorakhpur and the eastern part lay close to the foothills of Himalayas on 3rd ,the western part of the axis of monsoon trough at mean sea level passed through Anupgarh,Narnaul,Aligarh,Hardoi,Behraich and the eastern part lay close to the foothills of the Himalayas on 4th .

On 3rd July, A Cyclonic circulation lay over south odisha & neighbourhood extending between 5.8 & 7.6 km above mean sea level, it persisted on 4th and it was seen at 7.6 km above mean sea level.

A cyclonic circulation lay over southeast Bangladesh and neighbourhood between 5.8 & 7.6 km above mean sea level on 4th July,2018 .

Rainfall distribution and weather activity: wef 19.7.18 to 25.7.18.

Available data indicate that light to moderate rain occurred at many places over Mizoram, at isolated places over Arunachal Pradesh & Assam, light rain occurred at isolated places over Meghalaya, Nagaland & Tripura and dry weather prevailed over Manipur on 19th; light to moderate rain occurred at many places over Mizoram, light rain occurred at a few places over Nagaland, light to moderate rain occurred at isolated places over Arunachal Pradesh, Assam & Meghalaya, dry weather prevailed over Manipur & Tripura on 20th; light to moderate rain occurred at most places over Mizoram, at many places over Assam, Meghalaya & Tripura, at a few places over Arunachal Pradesh, light rain occurred at a few places over Manipur with isolated heavy falls over Assam and dry weather prevailed over Nagaland on 21st; light to moderate rain occurred at most places over Assam, Meghalaya, Mizoram & Tripura; at many places over Arunachal Pradesh; light rain occurred at most places over Manipur and at a few places over Nagaland with isolated heavy to very heavy falls over Assam & heavy falls over Meghalaya on 22nd; light to moderate rain occurred at most places over Nagaland, Manipur, Mizoram & Tripura ; at many places over Assam & Meghalaya with isolated heavy falls over Assam & Tripura and light rain occurred at many places over Arunachal Pradesh on 23rd; light to moderate rain occurred at most places over Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram & Tripura ; at many places over Assam with isolated heavy to very heavy falls over Tripura on 24th and light to moderate rain occurred at most places over Assam, Meghalaya, Nagaland, Manipur, Mizoram & Tripura with isolated heavy to very falls over Assam and at many places over Arunachal Pradesh on 25th July'2018.

Temperature distribution during the period from 19.07.2018 to 25.07.18

States	19.07.2018		20.07.2018		21.07.2018		22.07.2018		23.07.2018		24.07.2018		25.07.2018	
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Ar.Pradesh	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 25.07.2018					for the period from 01.6.18. to 25.07.18.				
	Excess	Normal	Deficient	Scanty	No Rain	Excess	Normal	Deficient	Scanty	No Rain
Arunachal Pradesh	2	1	3	8	0	1	1	7	5	0
Assam & Meghalaya	2	3	16	12	0	0	11	20	2	0
Nagaland, Manipur, Mizoram & Tripura	6	6	2	6	0	4	6	6	5	0

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

Chief Amount Of Rainfall (cm):

19.07.2018:

Tawang (Aws)= 5, Bongaigaon (Aws), Kolasib & Kokrajhar= 3 each, Lunglei= 2, Serchhip, Koloriang & Kohima= 1 each.

20.07.2018:

Lunglei & Shillong=3each, Bongaigaon (Aws), Miao, Chouldhowaghat & Nongstoin =2each, Deomali & Peren=1each.

21.07.2018:

Chouldhowaghat= 10, N/Lakhimpur= 7, Barpeta= 6, Beki-Mathanguri & Aie N H Xing= 5 each, Dhubri, Bhalukpong, Kampur, Dhubri(Cwc) & Basar= 4 each, Beki Rd. Bridge, Sohra(Rkm), Gossaigaon, M.C.Itanagar, Lunglei & Sohra= 3

each, Williamnagar, Tamulpur, Sibsagar, Sabroom, Amraghat, Gharmura & Dharmanagar= 2 each, Dibrugarh A/P, Bahalpur, Shillong, Kanchanpur, Naharkatia, Kokrajhar, Goalpara, Goalpara(Cwc), Neamatighat, Panbari, Kailasahar, Bihubar & Kherunighat= 1 each.

22.07.2018:

Numaligarh=12, Chouldhowaghat=9, Sohra(Rkm)=7, Sohra & Dharmanagar=6each, N/Lakhimpur=5, Borpathar & Kailasahar=4each, Sabroom, Kanchanpur, Agartala A/P, Lunglei, Matijuri, A.D.Nagar & Panbari=3each, Barapani, Basar, Majbat, Karimganj, Guwahati A/P(Aws), Guwahati A/P & Belonia=2each, Dhekiajuli, Gandachera, Dholai, Serchhip, Khowai, Borkhetri (Aws), Shillong, Tawang (Aws), Manas N H Xing, Imphal A/P, Miao, Bihpuria (Aws), Dhemaji (Aws), Nongpoh, Deomali, Dharamtul, Along(Aws), Hazuwa, Koloriang, Thoubal(Aws) & Kherunighat=1each.

23.07.2018:

Sibsagar = 11, Belonia = 9, Bokajan = 7, Neamatighat = 6, Dibrugarh A/P, Sohra & Majbat = 5 each, Dibrugarh (Aws) & Thoubal(Aws)= 4 each, Udaipur, Imphal A/P, Sabroom, Dhollabazar, Jorhat & Amarpur = 3 each, Wokha, Goalpara, Bishalgarh, Kolasib, Baghmara (Aws), Karimganj, Goalpara(Aws), Borpathar, Senapati (Aws), Champhai, Badatighat, N/Lakhimpur, Sonamura, Maranhat & Tinsukia= 2 each, Williamnagar, Gandachera, Kohima, Khowang, Agartala A/P, Roing, Dholai, A.D.Nagar, Phek(Aws), Tawang (Aws), Shella, Namsai, Tezpur, Tezu, Passighat, Golaghat(Cwc), Lakhipur & Chouldhowaghat = 1 each.

24.07.2018:

Sabroom=15, Roing, Belonia=9(each), Bagafa, Sohra=7(each), Maranhat=6, Dibrugarh A/P, N/Lakhimpur, Chouldhowaghat, Khowang, Karimganj, Amarpur=5(each), Basar, Dibrugarh (Aws), M.C. Itanagar, Agartala A/P, Lunglei, Baghmara (Aws), Miao, Jia Bharali N T Xing= 4(each), A P Ghat, Beki-Mathanguri, Lakhipur, Dhubri(Cwc), Williamnagar, Dhubri, Tawang (Aws), Kalaktang, Sibsagar, Bihubar= 3(each), Gandachera, Along(Aws), Tezu, B P Ghat, Bishalgarh, Khowai, Serchhip, Imphal A/P, Dillighat, Margherita, Mon, Panbari=2(each), Champhai, Senapati (Aws), Namsai, Numaligarh, Passighat, Kohima, Haflong, A.D.Nagar, Amraghat, Bahalpur, Badatighat, Dhemaji (Aws), Shella, Naharkatia, Silchar, Deomali, Dholai, Itanagar, Neamatighat=1(each),

25.07.2018: Chouldhowaghat=14, Hazuwa=11, Dillighat=10, N/Lakhimpur=7, A P Ghat= 6, Chotabekra, Silchar, Maranhat, Lakhipur & Itanagar=5each, Senapati (Aws), Gossaigaon, M.C. Itanagar & Numaligarh=4each, Udaipur, Gandachera, Matijuri, Kokrajhar, Dhekiajuli, Lumding, Sohra, Jharnapani, Sohra(Rkm) & Lunglei=3each, Wokha, Bihpuria (Aws), Serchhip, Panbari, Badatighat, Amraghat, Tezpur, Karimganj, Kohima, B P Ghat, Tamulpur, Puthimari, Neamatighat, Motunga, Amarpur, Baghmara (Aws) & Belonia=2each, Imphal A/P, Drf, Chhamonu, Thoubal(Aws), Bihubar, Deomali, Barapani, Dibrugarh A/P, Sibsagar, Kanchanpur, Sonamura, Gharmura, A.D.Nagar, Dibrugarh (Aws), Aizwal, Agartala A/P, Bishalgarh, Champhai, Anini(Aws), Phek(Aws), Goalpara(Cwc), Dholai, Williamnagar=1each.

