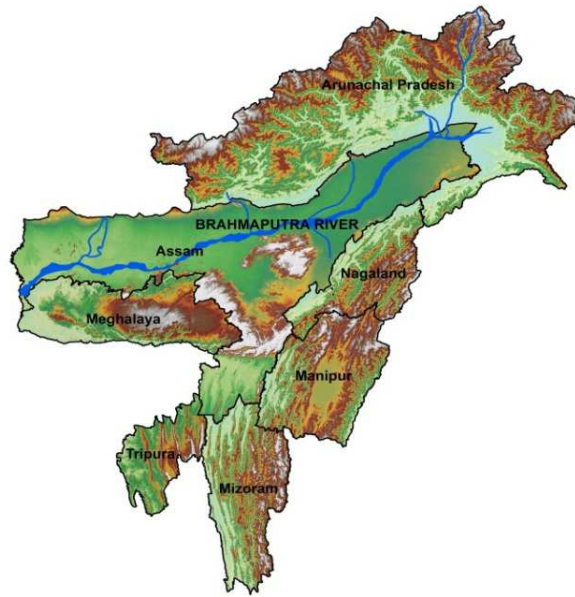




GROUND WATER YEAR BOOK 2020-21

भू-जल वार्षिक पत्रिका

२०२०-२१



CENTRAL GROUND WATER BOARD
केंद्रीय भूमि जल बोर्ड
DEPARTMENT OF WATER RESOURCES, RD & GR
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
MINISTRY OF JAL SHAKTI
जल शक्ति मंत्रालय
GOVERNMENT OF INDIA
भारत सरकार
NORTH EASTERN REGION
पूर्वोत्तर क्षेत्र
GUWAHATI
गुवाहाटी
2020-2021
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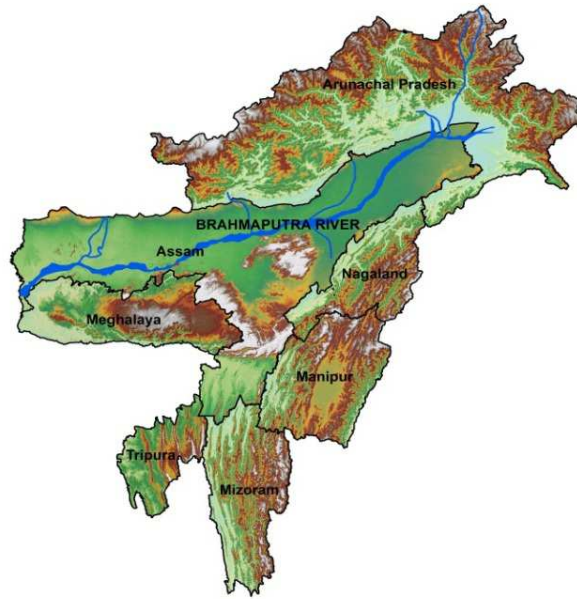


GROUND WATER YEAR BOOK

2020-21

भू-जल वार्षिक पत्रिका

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GROUND WATER YEAR BOOK, 2020-2021
NORTH EASTERN REGION
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FOREWORD


Ground water is a dynamic and replenishable resource and monitoring spatial and temporal changes of this resource is essential for sustainable development and management. The water level data is of paramount importance in development and management of water resources in the country. Central Ground Water Board decided to issue a Ground Water Year Book annually for each State by compiling the hydro-geological, hydro- chemical and water level data collected from the Ground Water Monitoring Stations (GWMS) established by the Board in the States. CGWB, NER has a permanent network of 624 GWMSs in the North Eastern Region covering the States of Arunachal Pradesh, Assam, Manipur, Meghalaya, Nagaland and Tripura. Monitoring of water level and chemical quality furnish valuable information on the ground water regime, characteristics of the different hydro-geological units in the States, viz. the pattern of ground water movement, changes in recharge-discharge relationship, behaviour of water level and changes in quantity of ground water in space and time. It also helps in identifying and delineating water logged areas, possible ground water pollution hazards and areas prone to lowering of water table/piezometric surface due to large scale withdrawal of ground water.

The behaviour of ground water level monitored from existing GWMSs and the chemical quality of ground water along with maps depicting the ground water scenario for the periods of measurement are presented in this report.

The water level data of GWMS in the States have been effectively compiled, analyzed and presented in this report by Ms. Mophi Mili, "Sc-B". Young Professional, Ms. Dimpi Barpatra is duly acknowledged for preparing the various thematic maps. The scientific officers of the Regional Office have systematically collected field data from the GWMSs four times in the year viz. March, August, November and January. The sincere effort of Ms. D. Rabha, "Sc-B" and Dr. D. J. Khound, Sc. B, in scrutiny, processing and issuance are gratefully acknowledged.

It is hoped that this report would be of immense use for administrators, planners, and officials as a reference in ground water development and planning in time and space.

Guwahati
30th August, 2021


(Biplab Ray)
Head of Office

EXECUTIVE SUMMARY

North Eastern Region covers seven states namely Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura occupying an area of 2,55,083 sq. km. The Region is mostly occupied by hilly terrain and only 77,068 sq. km. is occupied by valley area, which forms 30% of the total area. In different hydrogeological formations of the Region, 673 Ground Water Monitoring Wells (GWMW) have been set up. Most of these wells are located in valley areas. These wells are generally selected from existing ground water abstraction structures i.e. open wells, tube wells, and purpose-built piezometers. As on 31st January 2021, there are 557 dug wells and 65 tube / bore wells in the region, which are being monitored four times a year i.e. during March 1st to 10th (This is the pre-monsoon water level and the water level as it stands at the end of the ground water year after all the inputs and outputs have taken place. In other words it is the resultant ultimate/lowest water level), August 20th to 30th (this water level marks the peak of the water level hydrograph), November 1st to 10th (this is the postmonsoon water level and the water level as it stands after the major portion of rainfall recharge has taken place), and January 1st to 10th. Water samples are being collected for chemical analysis during Pre-monsoon i.e. in the month of March when concentrations of different chemical constituents are expected to be maximum.

Monitoring and investigation is required to gain an understanding of the spatial and temporal variations in quality and quantity of groundwater resources. Groundwater monitoring can be defined as the systematic measurement and observation of the groundwater situation on a regular basis by measurement of water levels in wells and boreholes or of spring discharge and assessing its chemical quality, which provides the simplest indicator of changes in groundwater resources in quantity and/or quality. The objectives of the groundwater monitoring are to measure depth to water level and collect ground water samples for chemical analysis, thereby establish trends of water level and quality; to collect data documenting any change in groundwater storage over time in the principal aquifers; to provide both long-term and short-term data necessary to assess and predict the response of hydrologic systems to natural climatic variations and human-induced stresses; and to provide historical baseline data for studies of local/regional aquifers. Groundwater monitoring also helps in identifying areas showing negative impact due to over-abstraction or contamination or very shallow levels in Canal command e.g.

- Declining groundwater levels and depletion of groundwater reserves;
- Reductions in stream/spring base flows;
- Reduced access to groundwater water for drinking water supply and irrigation;
- Subsidence and foundation damage
- Deterioration of groundwater quality;
- Increased costs for pumping and treatment;

Ground Water Monitoring Wells are distributed in three river basins, viz. Brahmaputra (456) and Meghna (166).

In unconsolidated formations 532 GWMWs are located, while in semi-consolidated formations and consolidated formations 48 and 42 GWMWs are distributed respectively.

The rainfall is the main source of Ground Water recharge. North Eastern Region receives a considerable amount of rainfall. The annual average rainfall varies from 900 mm to more than 5000 mm.

Geologically, the area is underlain by consolidated to unconsolidated formations ranging in age from Archaean to Recent.

Hydrogeologically, the area is grouped into porous and fissured formations based on the nature of openings in the aquifer system. Alluvium and sedimentary formations and fissured consolidated rocks form the main repositories of ground water.

Water levels in the region remain mostly within 5.00 mbgl in all the four measurements. The summarized percentage of wells showing water levels in different depth ranges are as follows.

Depth to water level (mbgl)	March, 2020 (% of wells)	August, 2020 (% of wells)	November, 2020 (% of wells)	January, 2021 (% of wells)
0 – 2	18.3	58.1	52	25.7
2 – 5	54.8	32.6	37.6	55.8
5 – 10	21.2	3.5	7.3	13.7
10 – 20	4.5	3.5	2.2	3.2
>20	1.2	2.3	0.9	1.6

Water level fluctuation of GWMWs during August'20, November'20 and January'21 with respect to Pre-monsoon (March'20) data show that there is

- Rise in water level in August 2020 in 94.30% wells.
- Rise in water level in November 2020 in 95.1% wells.
- Rise in water level in January 2021 in 83.9% wells

Comparison of water levels of GWMWs during March'20, August'20, November'20 and January' 21, with respect to the same month during the previous year shows that there is

- Fall in water level in March 2020 in 52.9% wells.
- Rise in water level in August 2020 in 73.2% wells.
- Rise in water level in November 2020 in 78.9% wells.
- Rise in water level in January 2021 in 51.8% wells.

Comparison of mean water level of the previous decade to the water level for the same period during 2020-21 shows that-

- During March 2020, rise is recorded in 52.4% GWMWs, as compared to decadal mean (March 2010- March'19).
- During August 2020, rise is recorded in 62.7% GWMWs, as compared to decadal mean (August 2010-August'19).
- During November 2020, rise is recorded in 75.5% GWMWs, as compared to decadal mean (November 2010-November'19).
- During January 2021, rise is recorded 66.0% GWMWs, as compared to decadal mean (January 2011-January'20).

Trend analysis of Pre-monsoon water level data of last ten years i.e. 2010-2020 shows falling trend in 45.12% stations and rising trend in 54.88 % stations.

Trend analysis of Postmonsoon water level data of last ten years i.e.2010-2019 shows falling trend in 36.2% stations and rising trend in 63.8% stations.

During pre-monsoon period (March 2019), 19.7% (85/431) stations show water logging condition, whereas 15.3% (66/431) stations shows prone to water logging condition.

During post monsoon period (November, 2019), 39.5% (172/435) stations show water logging condition, whereas 22.8% (99/435) stations shows prone to water logging condition.

Water samples from GWMWs are collected during the month of March every year when the soluble chemical constituents are expected to be maximum in concentration. Concentration of iron exceeds the permissible limit of drinking water standards in all the North-Eastern states. The concentration of Fluoride and Arsenic was also observed beyond permissible limit of BIS (2012) in some areas of Assam. However, in general, the quality of ground water, in the North Eastern States is good for both irrigation and drinking purposes. The water samples are collected mainly from open wells. Higher concentrations of iron are also noticed in tube wells in different parts of the region.

As per 2017resources estimation, the region is enriched with more than 32.36 BCM of replenishable ground water resources and the stage of development is less than 20%. If it is planned properly this huge resource can be harnessed to develop the agro-economic scenario of the region. However, for the hilly terrain (about 70% of the total geographical area) where ground water is not sufficient, further development of spring water and rain water harvesting may be taken up.

GROUND WATER YEAR BOOK

NORTH EASTERN REGION 2020-2021

1. INTRODUCTION

North Eastern Region is bounded between North Latitudes 21° 57' & 29° 28' and East Longitudes 89° 40' & 97° 25' with a geographical area of 2.55 lakh sq.km., comprising the States of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura. (Fig-1) Hill ranges occupy about 70% of the total geographical area. The State-wise distributions of hilly and plain areas are given in Table-1.1. The region has two principal drainage systems viz. Brahmaputra and Meghna (Fig-2). Both the drainage systems join together and drain into Bangladesh. There are two sub-ordinate drainage systems in the region i.e. Chindwin and Kaladan. Even though, the region receives highest rainfall in the country and it experiences high flood during monsoon, there is acute shortage of drinking water in many hilly terrains such as Cherrapunji, in Meghalaya which is the second wettest place in the world. Despite endowed with one-third of water resource potential in the country, the agro-economic condition of the region is poor, as only a negligible amount of ground water resource (about 35%) has been utilized so far. Harnessing this enormous resource with proper planning and management can uplift the agro-economic scenario of the region.

Table – 1.1 Distribution of hilly and plain areas in the region

State	State area (sq.km)	Valley Area (sq.km)	Percentage of Valley Area to total state area (%)
ARUNACHAL PRADESH	83,743	7,500	8.90
ASSAM	78,438	56,951	72.60
MANIPUR	22,327	2,000	8.90
MEGHALAYA	22,429	3,500	15.60
MIZORAM	21,081	226	1.07
NAGALAND	16,579	806	4.86
TRIPURA	10,486	6085	58.02
TOTAL	2,55,083	77,068	30.20

Central Ground Water Board, North Eastern Region, has set up a number of Ground Water Monitoring Stations (GWMS) in different hydrogeological conditions in order to know ground water condition and its variation, in both time and space. Monitoring of water levels and collections of water samples are being carried out periodically to observe any change in water level and its quality consequent to changes in inputs and outputs. In order to have an idea of water level behaviour with respect to time, water levels are being monitored four times a year. First set of measurement is taken during pre-monsoon period (March 1st to 10th), second set is being taken

during peak monsoon (August 20th to 30th), third measurement is taken during post-monsoon (November 1st to 10th) and last set is being taken during January 1st to 10th. In North Eastern Region, it is observed that the ground water level builds up considerably during last part of April as the area receives pre-monsoon rainfall during March to May. Water samples are being collected once in a year during the pre-monsoon measurement i.e. in the month of March. In addition to this, monthly water level data is collected out by local Observers at 72 monitoring stations under 'Participatory Monitoring Programme'.

As on 31st January, 2021, there are 622GWMS in the Region. The details of GWM Stations are given in Annexure I and its district-wise distribution is given in Table 1.2

Table - 1.2 State and District wise distribution of GWMS

Sl. No.	District	No. of GW Monitoring Wells as on 31.01.2021		
		DW	PZ	Total
	Arunachal Pradesh			
1	Changlang	4	0	4
2	East Siang	5	0	5
3	Lohit	2	4	6
4	Lower Dibang Valley	1	0	1
5	Lower Subansiri	2	0	2
6	Papumpare	9	0	9
7	Tirap	3	0	3
	Total	26	4	30
	Assam			
8	Baksa	12	0	12
9	Barpeta	5	2	7
10	Biswanath	12	0	12
11	Bongaigaon	11	0	11
12	Cachar	20	0	20
13	Chirang	5	0	5
14	Darrang	4	2	6
15	Dhemaji	11	4	15
16	Dhubri	12	3	15
17	Dibrugarh	5	3	8
18	East Karbi Anglong	32	0	32
19	Goalpara	13	0	13
20	Golaghat	8	0	8
21	Hailakandi	6	1	7
22	Hojai	4	0	4
23	Jorhat	11	0	11
24	Kamrup	19	0	19
25	Kamrup Metro	20	0	20
26	Karimganj	9	0	9

27	Kokrajhar	15	0	15
28	Lakhimpur	22	0	22
29	Morigaon	13	3	16
30	Nagaon	26	4	30
31	Nalbari	3	1	4
32	Sibsagar	12	3	15
33	Sonitpur	11	1	12
34	Tinsukia	12	0	12
35	Udalguri	12	0	12
36	West Karbi Anglong	4	0	4
	Total	349	27	376
	Meghalaya			
37	East Garo Hills	10	0	10
38	East Jaintia Hills	0	1	1
39	East Khasi Hills	8	3	11
40	North Garo Hills	5	0	5
41	Ri-Bhoi	7	6	13
42	South West Garo Hills	5	0	5
43	West Garo Hills	14	0	14
44	West Jaintia hills	3	0	3
45	West Khasi Hills	2	0	2
	Total	54	10	64
	Nagaland			
46	Dimapur	17	2	19
47	Kohima	2	1	3
48	Mokokchung	0	1	1
49	Mon	1	1	2
50	Phek	0	1	1
51	Tuensang	0	1	1
52	Wokha	2	1	3
	Total	22	8	30
	Tripura			
53	Dhalai	13	1	14
54	Gomati	11	0	11
55	Khowai	7	3	10
56	North Tripura	19	1	20
57	Sipahi-Jala	9	0	9
58	South Tripura	27	5	32
59	Unakoti	10	0	10
60	West Tripura	10	6	16
	Total	106	16	122
	Grand Total	557	65	622

The present report deals with the analysis of the water levels of Ground Water Monitoring Stations (GWMS) in North Eastern Region during the Water Year 2020-2021. The GWMS in Manipur and at few locations of Nagaland and Assam could not be monitored regularly due to deterioration of law and order situation. There is no existing GWMS in Mizoram State. In Arunachal Pradesh, there are only 30 monitoring stations and those are restricted along the southern boundary of the state adjacent to Assam.

2. DISTRIBUTION OF GROUND WATER MONITORING WELLS

The distribution of Ground Water Monitoring Wells as per Lithology and river basin wise is dealt below:

2.1. Distribution of Ground Water Monitoring Wells as per Lithology

About 85.5% of the total Network Wells are located in the Unconsolidated Formation, 7.72 % of the Wells are located in the Semi-consolidated Formations and the remaining 6.75% are in the Consolidated Formations. The Lithology-wise distribution of the Network Wells is given in Table 2.1.

Table 2.1 Distribution of GWMW in different Hydrogeological Units:

Sl No.	State	No. of GWMS						Total
		Unconsolidated Formations		Semi-consolidated Formations		Consolidated Formations		
		No. of GWMS	%	No. of GWMS	%	No. of GWMS	%	
1	Arunachal Pradesh	29	96.7	1	3.3	0	0	30
2	Assam	356	94.7	11	2.9	9	2.4	376
4	Meghalaya	16	25	15	23.4	33	51.6	64
5	Nagaland	23	76.7	7	23.3	0	0	30
6	Tripura	108	88.5	14	11.5	0	0	122
	Total	532	85.5	48	7.7	42	6.8	622

2.2. Distribution of Ground Water Monitoring Wells - River Basin and Sub-Basin wise

In all, there are four major River Basins and twenty-five Sub-basins in the North Eastern Region. Out of the four major Basins, the Brahmaputra Basin occupies the major part of the Region (Fig-3) and about 76%(527) of the Network Wells are located in this Basin. In Meghna Basin, about 21%(146) of the Wells are located and the remaining 8% (25)Wells are located in the Imphal Basin. The Kaladan Basin forms the southernmost parts of Mizoram there is no Network Well located in this basin. The distribution of GWMW in different Basins and Sub-basins are shown in Table – 2.2.

Table – 2.2 Distribution of GWMW in different Basins and Sub-basins

Table – 2.2 Distribution of GWMW in different Basins and Sub-basins			
S. No.	Basin/ Sub-basin	District / (No.of GWMS)	Total
	BRAHMAPUTRA		
1	Champamati	Bongaigaon (4), Dhubri (14) , Kokrajhar (15),	33
2	Manas	Barpeta (11), Bongaigaon (6), Chirang (1) Nalbari (4) Kokrajhar (2)	24
3	Mora Dhansiri	Baksa (2) , Darrang (8), Kamrup (15), Sonitpur (7),Udalguri (12)	44
4	Kameng	Sonitpur (7)	7
5	Badeng Pabnai	Lakhimpur (2), Biswanath (11)	13
6	Subansiri	Papumpare (8), Dhemaji (4), Lakhimpur (21) Lower Subansiri (2)	35
7	Siang	East Siang (3), Dhemaji (10)	13
8	Lohit	Changlang (1), Lohit (6),Lower Dibang Valley (1)	10
9	Dibru	Dibrugarh (5), Tinsukia (3)	8
10	Burhi Dihing	Changlang (3), Dibrugarh (2), Tinsukia (7)	8
11	Disang	Tirap (3), Dibrugarh (1), Jorhat (23), Sibsagar (15), Mon (2), Mokokchung (1),	45
12	Dhansiri	Dimapur(19),Golaghat (11), East Karbi Anglong (7), Karbi Anglong (12), Kohima (3),Wokha (3), Phek(1), Tuensang (1)	47
13	Kalang- Kopili	Kamrup Metro(5), Karbi Anglong (20), Morigaon (16), Nagaon (29), East Khasi (10), Ri-Bhoi (11)	91
14	Kulsi – Jinjinram	Goalpara (14), Kamrup Metro (13), East Garo(10), Ri-Bhoi (3), West Garo (14), West Khasi (2)	56
	MEGHNA		
1	Soneswari	North Garo (5), East Khasi (3),West Jaintia (3), South West Garo Hills (5)	16
2	Barak	Cachar(20), Dhalai(8),Hailakandi(7),Karimganj(9), North Tripura (16), West Tripura (14) , Unakoti (10)	85
3	Gumti	Gomati (9),Sipahi-Jala (8)	17
4	Fenny	South Tripura (22) , Khowai (8)	30

3. RAINFALL

The region is characterized by tropical monsoon climate with a rainy summer and dry winter. Heavy rainfall is received during summer and occasional rainfall during winter. January and February are the driest months. The rainfall received during summer is under the spell of South-West monsoon. The onset of South-West monsoon in the region occurs by the end of May or the first week of June and withdraws by late September or early October. But, very often pre-monsoon showers are experienced during March and April. Copious rainfall is received in certain parts of the region during the summer. Mawsynram, located in the State of Meghalaya, has the unique distinction of recording the highest average 11873mm annual precipitation in the world. This is because of its peculiar geographical location. From March to May, the region comes under the influence of equatorial Westerlies and receives precipitation with occasional thundershowers.

The average monthly rainfall of the district for four years (2015-2020) recorded by IMD has been presented in **Table 3**. The isohyets showing the rainfall pattern in the region on the basis of average annual rainfall, has been depicted in **Fig.4**

Table 3. Rainfall data (in mm) (2015-2020)

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
Arunachal Pradesh													
Changlang	2015	28.5	22.2	59.2	270.2	133.9	365.3	167.2	539.2	199.2	56.4	11.8	26.4
	2016	11.1	49.8	136.2	671.2	232.7	234.8	442.6	167.9	304.8	88.0	19.7	6.6
	2017	3.1	40.6	152	258.8	201.6	197.4	315.7	288.7	197.8	122.7	19.7	0
	2018	30.2	60.9	189.2	148.6	250.3	279.4	228.7	80.6	181.9	40.4	14.4	35.5
	2019	19.7	75.2	112.8	159.8	561.1	320.1	469.8	150.1	356.1	88.1	5.8	7.7
East Kameng	2015	0.0	0.0	0.0	52.4	55.5	123.4	73.0	151.2	56.0	5.8	0.0	3.4
	2016	0.0	0.2	19.5	110.5	81.3	133.9	175.2	96.3	134.1	28.2	0.0	0.0
	2017	0	6.2	60.6	300.6	175.3	158.9	184.5	223.1	162.4	26.6	0	0
	2018	0	0	0	31.1	60.6	149.2	115.3	223	132.9	24.1	0	0
	2019	0	0	6.4	45.4	145.4	247.2	293.8	64.8	266.2	62.8	0	0
East Siang	2015	49.7	120.4	102.6	338.1	388.8	1133.8	650.8	1283.0	483.6	11.7	38.5	29.2
	2016	14.9	61.9	57.7	499.0	323.6	556.6	1207.1	162.2	925.5	217.8	0.2	11.7
	2017	2.4	60.5	180.5	521.9	386.1	735.4	883.9	966.8	517.5	330.6	0	0
	2018	25.1	62.3	175	202.3	417	478.6	787.6	152	753.9	93.7	136.9	16.6
	2019	18.4	125.6	99.1	186.7	423.5	577	1297.2	251.7	615.4	130.9	27.7	4.6
Lohit	2015	49.7	120.4	102.6	338.1	388.8	1133.8	650.8	1283.0	483.6	11.7	38.5	29.2
	2016	14.9	61.9	57.7	499.0	323.6	556.6	1207.1	162.2	925.5	217.8	0.2	11.7
	2017	3	121.2	234.9	351.7	344	424	463.4	510.6	248.1	261.9	9.3	0
	2018	27.4	44.8	201.7	221.6	244.1	301.9	322.3	240.6	323.6	96.9	35.9	34
	2019	10.6	117.5	150.3	103.7	489.6	334.6	681.1	329.4	335.5	106.8	5.6	0.3
Lower Dibang Valley	2015	37.0	68.1	155.4	676.5	286.5	1075.4	620.6	1374.3	1040.5	83.1	126.7	77.9
	2016	42.7	139.1	181.7	1330.4	536.0	436.4	1813.7	245.6	793.3	384.5	23.6	0.0

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2017	22.8	124.2	363.6	860.1	569.1	865.8	727.8	1388.1	330.2	320.5	6.2	5.4
	2018	43.6	54.5	195.8	305.4	356.3	985.5	668.1	211.1	424.8	55.3	92.1	14.6
	2019	9.3	40.3	88.6	48.6	455.3	569.3	1589.5	349.8	288.4	154.7	2.3	8.4
Papumpare	2015	7.0	22.0	1.4	311.2	538.3	1082.1	464.8	562.1	371.7	66.1	7.8	25.7
	2016	41.4	31.1	123.4	451.6	330.5	626.2	848.9	178.3	714.6	186.5	1.2	6.8
	2017	3.1	54.7	85.1	337.6	370.7	654.4	931.6	475.6	390.9	324.2	15.5	0.4
	2018	17.4	26.7	88.2	144.3	395.7	591.7	664.7	364.2	369.5	78	46.2	23.1
	2019	10.6	79.6	38.6	146.7	542.8	495.7	784.5	226.9	495.5	231.2	26.6	12.5
Tawang	2015	15.0	4.0	73.0	335.0	174.0	268.0	290.0		230.0	55.0	10.0	16.0
	2016	30.0	20.0	205.0	509.0	245.0	257.0	507.2	189.0	206.0	45.0	60.0	12.0
	2017	6	40	117	223	121	84	65	284	209			0
	2018	7	34	176	110	174	132	366.2	320	198	34	13	68
Tirap	2015	3.2	7.4	6.6	213.4	171.0	458.2	311.8	336.6	164.2	119.6	3.8	30.6
	2016		56.4	89.4	590.4	257.6	377.2	445.0	262.8	349.2	67.0	24.8	3.2
	2017	0.8	1.8	189.2	220.2	321.6	221.8	382.6	417.8	369.1	170.8	8	0
	2018	12.2	58.8	133.6	135.8	133.2	323.9	138.4	191	129.4	54.6	7.2	22.4
	2019	16.4	34.4	28			207.6	448.4	289.2	298.6	147.6	2.4	0.4
Upper Siang	2015	77.4	109.8	363.6	623.3	409.3	812.4	399.8	625.2	631.4	64.2	108.2	55.2
	2016	61.6	185.8	437.0	344.4	624.0	741.6	782.6	219.5	1169.0	352.2	0.0	0.0
	2017	12.2	158	422.3	664	404.6	675	764.4	552.6	675	676.8	38.4	14.2
	2018	99.4	234.6	416.2	238.4	420.4	161.2	198.8	203	293.8	104	241.6	0
	2019	13.6	85	87.6	148.8	165.5	539.8	868	60.5	550.9	137	21	39.6
Upper Subansiri	2015	7.6	26.6	58.6	165.1	160.2	343.2	208.2	258.9	164.2	43.8	10.2	26.6
	2016	19.0	48.6	66.6	176.5	217.7	338.1	383.4	109.9	686.8	178.6	0.0	10.8
	2017	1	52.2	131.6	94.2	183.2	345.2	518.6	228.2	188.2	95	0.4	7

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2018	33.2	58	111.3	99.2	209.4	103.2	152.2	320.6	107.2	21.2	88.6	11.2
	2019	0	37	127.8	142.2	232.4	164.9	401	91.7	373.1	91.9	10.8	20.5
West Kameng	2015	5.8	3.4	3.3	139.7	211.3	421.8	273.5	320.6	212.5	78.4	7.1	9.7
	2016	9.5	1.9	41.6	66.7	121.0	220.2	449.1	106.0	121.5	71.5	0.0	2.2
	2017	3.1	13.9	27.5	100	96.3	287.8	222.1	340.2	227.2	63.9	5.7	0
	2018	0	12.8	35.7	110.1	208.5	353.3	379.7	380.7	215.4	112.2	9.2	16
	2019	1.5	20.7	36	104.6	189.7	190.1	492.4	191.6	250	109.6	4	2.8
Assam													
Baksa	2015	11.7	14.8	12.1	229.1	444.8	723.6	235.5	621.5	218.2	55.9	8	17.4
	2016	37	2.5	77.1	247.5	349.5	367.6	511.1	108.8	187.5	86.1	0	11.6
	2017	2.7	56.5	60	217.2	219.9	484.8	207.6	406	318.4	61.8	1.6	0
	2018	0	21.5	87.2	73.1	355.4	314.8	373.5	200.8	515.6	26.1	31.1	19.2
	2019	0.6	31.3	25.9	315.8	575.7	645.4	773.4	166.5	239.3	44.6	7.1	0.1
	2020	12.5	6.4	21.1	123.9	608.5	941.8	807.8	168.7	407.7	100.3	0	4.3
Barpeta	2015	7.6	5.4	37.3	208.4	466	907.4	341.6	861.7	328.6	21	22.8	11.1
	2016	7.8	0.5	52	340.1	340.7	580.8	712.8	122.7	363	112.7	0	0
	2017	0	41.5	56.8	352.3	215.1	542.6	391	679.9	645.8	204.4	10.1	0
	2018	0.3	11.6	82.2	157.6	467.6	522.1	626.4	236.5	747	63.4	22.9	12.7
	2019	0	35.4	40.3	189.2	647.6	469.1	1273	190.3	344.3	66.8	16.3	0
	2020	6.3	28.3	13.5	75	644.4	979	1173.1	280.6	869	112.5	18.6	7.3
Bongaigaon	2015	14.2	4.8	25.7	215.8	388	1010.8	361.4	999.6	218.2	5.4	26.6	5
	2016	7	0	63.6	372.8	397.4	722.2	720.2	116.4	299.3	106.2	0	0
	2017	0	50.8	60.8	390.2	221.6	394	404.5	1083.8	766.2	304.6	4	0
	2018	1	13.3	97.2	192.3	497	381.4	760.9	273.6	746.1	58.8	16	25.8
	2019	0	17.4	5.6	60.4	476.2	457.3	1321.7	335.5	379.1	92.9	16.7	0
	2020	3.6	8.6	14.2	43	607.2	628.7	783.3	236.8	723.5	98.8	34.8	0

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December	
Cachar	2015	4.6	11.1	13.1	470.7	301.9	419.8	442.4	417.9	335.3	91.8	6.8	11.3	
	2016	3.5	63.8	82.4	565.9	460.4	336.1	451.5	346.6	526.7	186.5	65.3	10.8	
	2017	0	38.5	318.7	408.6	306.2	584.2	480	564.5	200.3	362.7	10.2	101	
	2018	3.4	14.5	133.3	212.8	387.8	546.3	342	363.1	400.5	122.5	14.6	30.8	
	2019	0	30.6	54.6	171.7	287.2	459	628.4	337.6	363.7	369.5	23.7	5.3	
	2020	27.2	0.1	21.9	179.3	304.5	601.5	556.3	380.4	355.1	319.9	38.4	0	
Chirang	2015	9	29.4	83.4	419.5	675.4	1455	392.8	875.8	473.8	48.8	12.2	46.6	
	2016	23.2	19.4	53.2	374.2	570.3	748	1227.4	135.4	377.6	102	0	0	
	2017	0.4	26.6	63.8	458.2	424.5	837.9	686	1198.8	858	316.2	25.4	0	
	2018	4	39.4	114.1	125.7	647.8	934.2	721	312.1	1063.6	91.8	28	20.6	
	2019	0.6	73	45.2	158.4	429	538.6	1401.4	254.5	488.4	126.6	10.4	0	
	2020	6.8	15	36.6	58.8	842.4	1114.2	1552	422.9	1237.4	121.2	2	4	
Darrang	2018	0	18	16	170.3	94		200	190.6	113	4.5	47.5	17	
	2019	1	7	114.3	334	282.3	63.6	75.3	65.2	164.8	74.5	0	0	
	2020	6.2	7	9	37.9	125.9	159.5	206.9	45.5	86.1	40.3	2	0	
Dhemaji	2015	0	30	17	219	327	599	321	649	125	4	0	7	
	2016	12		32	2		345	414	192	303	154	3	9	
	2017	2	70	90	285	281	486	704	446	419	215		1	
	2018	25	24	70	34	61			211	228.2	28	37	16	
	2019	0					353.7	542.3	1171.9	186.4	415.2	252.5	5.8	0
	2020	4.7	32.6	86.6	166.6	568.3	1286.4	1033.8	591.1	741	407.9	80.2	0	
Dhubri	2015	33.9	10	109.6	192.7	503.3	890.7	185.5	482.8	248.8	11	13.9	11	
	2016	8.4	0.3	102.6	235.5	444.3	596.3	418.1	190.9	231	171.8	0	1.4	
	2017	0.8	8.2	86.4	445.1	270.6	457.1	304.6	353.6	399.3	161.9	0	0	
	2018	0	9.7	61.1	217.3	494.5	340.3	228.5	179.7	395.1	29.6	3.9	3.8	
	2019	0	36.1	29.6	170.2	418.7	372.5	738.2	193.2	360.7	166	1.3	0	

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2020	4.5	7.1	21.2	256.4	593.3	670.3	736.7	387.6	679.8	153.3	0	0
Dibrugarh	2015	9.8	24	43.8	263	347.8	457.9	324.6	501.9	158.3	133.1	27.8	20
	2016	24.6	59.3	117.9	463.1	293.7	311.5	387.9	212.1	290	101.9	14.8	4.2
	2017	3.5	97.2	117.1	238.1	316	283.8	461.1	280.8	269.3	190.6	0.9	1.5
	2018	16.3	24.1	151	119.2	193.2	376.5	431.8	304.1	245.1	63.3	37	26.9
	2019	15	56.4	71.5	151.4	479.4	293.3	555.3	169.8	302.4	118.5	5.9	3.8
	2020	39	35.9	36.7	114.4	326.1	563.6	433.9	271.5	249.1	186.1	35	0
Dima Hasao	2015	15.3	14	24.1	252.3	164.8	319.2	306.8	214.4	258.6	35.8	21.1	12.6
	2016	18.6	19.5	77.4	553.2	774.6	148.8	119.1	65.8	187.8	45.3	164.9	2.7
	2017	0	43.2	127.9	354.7	254.7	360.5	236.8	292	356.9	344.1	28.5	23.2
	2018	12.4	20.1	68.8	66.1	191.1	378.3	111.4	143.8	118.4	26.2	4.2	58.6
	2019	0	8.4	34.8	91	341.5	268.3	302	106.6	191.5	179.5	39.7	0
	2020	3.1	2	33.3	122.9	313.2	417	358	94.4	161	69	15.2	0
Goalpara	2015	21	2.6	53	180	581.4	1040.5	236.2	674.1	231.3	47.2	1.8	32.7
	2016	4.5	0.5	106.1	313	444.7	329.3	631.2	188.1	281.6	137.9	0.1	0.8
	2017	0.8	22.4	89.6	332.4	292.4	424.2	467.7	394.7	598.4	184.5	0.7	0
	2018	0	9.9	24.9	275.9	383.1	429.7	224.3	256.8	255	26.4	16.4	11.2
	2019	2.1	12.9	54.3	182.6	602.1	389.4	722.6	247.4	433.8	155.8	0.1	0
	2020	9.6	4	4	382	731.6	598.6	493.1	299.6	328.7	86.4	2.6	0
Golaghat	2015	14.2	14.7	52.8	258.2	206.6	193	224.7	205.4	168.1	88.7	13.8	28.3
	2016	21.8	1.7	48.4	279.5	258.3	262.5	388.1	156.2	238.7	39.6	35.7	3.1
	2017	0	49.5	134	165.8	262.8	224.4	396.9	227.5	212.3	149.9	4.1	0
	2018	4.4	30.9	79.8	79.2	194.9	322.7	183.5	245.1	180.8	26.9	28.4	30.9
	2019	12	31.6	59	190.7	284.5	140.8	282.7	155.4	343.1	155.3	11.2	1.1
	2020	13.7	14.3	10.2	113.1	199.2	212.9	271.1	194.9	244.5	186.1	8.5	0
Hailakandi	2015	1.1	22.5	60.8	573.6	285.3	339.6	299.5	713.5	292.3	107.2	14.9	7.8

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2016	8	69.2	54.6	809	725	383.4	366.7	261.7	430.2	117.7	98	8.6
	2017	0	57.5	239.3	464.6	283.5	593.4	287.6	473.8	149.2	176.9	7.4	87.5
	2018	2	7.4	88.9	144	348.7	376.4	231.1	391.2	232.8	127.2	8	25.2
	2019	0	23.5	75.9	225.2	402.8	439.8	451.6	384.2	214.5	237.4	25	3.7
	2020	35.9	0	6.8	84.4	320.5	468.1	517.4	359.7	287.3	293.8	72.7	0.2
Jorhat	2015	5.7	34	35.2	248.3	289.3	277.3	281.2	308.3	223.9	92.2	15.9	46.5
	2016	28.6	19.9	64	423.7	312.7	313.5	423.3	114.3	286.7	93.8	15.8	32.9
	2018	3.9	29.2	98.3	112.8	157.3	374.9	313	309.7	277.8	25.5	28.5	33.8
	2019	6.8	33.1	70.6	132.4	354.9	269.6	366.1	209.9	347.5	155.4	6.3	13.2
	2020	40.5	19.2	18.6	80.4	320.6	504.7	448.3	264.1	202.6	146.9	34.9	1.7
Kamrup (Rural)	2015	13.9	20.8	23.1	175.1	508.8	350.4	196.4	418	137.6	40.7	14.4	21.1
	2016	1.7	4.8	58.5	542	316.9	276.6	348.5	105.8	142.5	34.5	0	0
	2017	0	35.6	23	404.4	272.3	366	333.8	199.6	207.7	100.4	15.8	0
	2018	0	16.9	86.9	86	165.8	254	126	261.6	204.9	46.8	23.7	22.7
	2019	0.1	6.2	55.2	272.2	483.6	184.5	319.9	228.9	210.1	100.4	0.2	0
	2020	16.6	8.5	9.6	126.9	466.9	693.6	426.9	131.4	277.2	75.4	0	0
Kamrup Metro	2015	2.8	19.6	33	194.4	288.1	241.6	221.4	296.9	270.8	60.9	2.6	20.9
	2016	21.3	4.5	25	210.7	239.3	377.6	293.1	102.6	67.7	74	0.2	1.6
	2017	0	10.4	62.8	301.5	168.4	348.7	374.5	211.6	153.5	111.2	1.6	0.1
	2018	0.9	1.4	52.4	107.8	193.8	259.1	135.6	257.5	160.7	11.2	4.7	22.9
	2019	0.2	13.7	35.5	188.9	352.8	183.4	248.5	211.5	282.9	154.6	20.5	0.1
	2020	30	15.1	33.8	217.1	351.9	479.6	319.5	183.1	263.9	61.9	0	0
Karbi Anglong	2016	28.9	4.9	28.9	176.1	135.8	221.5	303.2	268.9	202.6	105.3	85	11.1
	2017	0	6.5	157.1	175.4	110.8	271.2	268.6	171.4	163.9	137.8	7.6	5.7
	2018	9.3	11.8	52.7	56.4	79.3	211.2	156.3	177.7	118.1	20.6	1.4	41

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2019	0	6.8	27.4	187.4	140.4	118.5	131.8	122.7	114.8	160.9	6.7	0
	2020	5	1.6	7.7	71	112.3	169.5	226.5	150	242.3	202.2	20.3	0.3
	2015	19	3.8	27.4	145.6	123.4	234.4	173	222.7	185.1	70.7	10.5	0.5
Karimganj	2016	8.9	52.9	107.6	910.8	611.5	446.2	490.4	365.8	487.8	211.9	241.8	17.6
	2017	0	64.8	401.1	779.8	550.2	910.5	545.9	768.6	415.7	463.3	28.9	122.5
	2018	6.6	17.9	127.5	318.3	389	754.4	389.5	470.2	372.8	138.1	13.1	36.5
	2019	0	17	29.8	243.3	428.8	505.9	662.3	487.6	223.1	287.9	17.2	1
	2020	22.3	0.7	25.1	50.1	431.7	945.1	783	401.8	429.2	338.2	36	0
	2015	5	7.3	4	421.2	467.8	461.7	370.5	807.3	416.5	159.2	20	19.7
Kokrajhar	2015	16.5	1.3	30.1	135	545.4	1059.2	582.2	1198.4	308.8	16.3	8.7	11.6
	2016	14.2	0	119.1	246.3	452.9	758.4	581.8	106.1	367.4	166.8	0	0.3
	2017	0	0.2	89.9	412.2	374.6	505.7	586.9	1196.4	661	312.3	0.2	0
	2018	0	11.5	50.6	300.8	427.5	589.7	698.4	498.7	683.5	61.6	8.4	3.3
	2019	0	29.6	55.4	231.2	630.8	528	1611.1	301.5	609.7	106.3	1	2.1
	2020	0.3	22.2	45.4	256.5	585.5	1120.7	1290.2	497.9	1202.7	197	0.6	0
Lakhimpur	2015	4.9	21.6	13.8	218.2	331.4	828.4	355.1	570	354.1	41.9	23.1	18.6
	2016	26.8	57	99	272.9	260.3	490.3	856.3	221.5	471	181.9	3.1	0.9
	2017	6.5	44.9	76	347.6	359.9	505.9	931.5	420	518.6	345.2	17.7	0.3
	2018	29.6	30.9	110.6	171.9	280.2	486.9	633.7	441.7	443.4	103	54.4	23.6
	2019	7.1	49.4	66.8	119.9	414.7	502.3	875.2	134.5	556.3	227.5	12.9	13.7
	2020	50.6	39.9	38.3	68.7	340.5	671.4	671	332.6	537.1	230	12.8	8.7
Morigaon	2015	0.8	18.6	28	127.4	216.8	200.3	341.4	371.3	179.8	67.6	13.6	16.4
	2016	1.6	0.4	35.4	170.2	223.6	236.8	298.4	102.8	377.2	218.7	2.8	9.2
	2017	0	6.6	24.6	220.4	170.8	246	231	370.8	105	145.4	20.2	0
	2018	0	5.8	17.2	142.6	90.2	307.3	210.9	164.5	105.4	50.2	0	25.6
	2019	4.2	3.6	59.6	63.2	211.7	113.2	283.4	160.9	183.4	142.1	1.4	0

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2020	9.4	24.6	0	119	139.4	217.9	97.5	214.4	264.4	208.8	0	0
Nagaon	2015	2.7	8.2	9.5	120.1	110.5	153.6	191.3	182	121.4	16.8	6.9	8.7
	2016	24.8	16.3	23.8	153.8	153.1	221.6	219.2	153.3	160.2	69.6	62.8	10.1
	2017	0	12.7	58.4	155.7	205.1	210.4	208.5	274.7	180.6	110.4	19.5	6.7
	2018	7.5	1.1	32.8	94.2	72.5	254.9	157.3	253.8	68.5	14.6	0.8	28.5
	2019	2.4	22.6	44	81.6	152.1	161.4	178.8	188.4	121.2	128.4	11.9	1.6
	2020	11.8	7.2	7.8	106.5	153.2	150.1	118.5	92.4	162.5	158.4	6	0
Nalbari	2015	11.8	13.2	30.1	170.3	553.1	694.2	333.4	622.6	204.8	31.2	9.4	6.7
	2016	32.1	2.8	89.8	422.8	292.7	372	513.3	149.7	233.1	52.5	0	1.4
	2017	4.6	31.5	65.9	308.4	218.6	392.8	306	255.3	342	131.4	14	0
	2018	0	17.4	70.6	140.5	250.8	387.1	259.2	215	341.8	33.3	28.8	21.2
	2019	0.2	18.2	44.1	331.9	543.9	626.6	740.4	168.4	257.7	94.6	2.4	0
	2020	17.7	12.5	18.4	105.5	633.4	775.7	772.5	257.2	451.1	98.8	0.3	1.8
Sibsagar	2015	16.7	14	32.1	234.7	293	273.6	328.4	297.2	212.8	115.1	6.4	39.5
	2016	22.7	27.4	137.7	457.5	334.3	218.7	329.7	228.8	304.7	76.1	19.7	10.2
	2017	0	35	106.6	199.4	243.4	251.4	419.2	181.8	261.9	148.9	5.1	0
	2018	7.3	15.1	84.1	166	143.7	349.9	249.5	252.3	221.3	33.7	27.1	43.7
	2019	9.5	41.8	89	184.7	374.5	181.3	297.3	149.4	250.6	141.9	8.6	10.6
	2020	39	23.2	16.5	54.6	317.4	393.4	365.4	294.8	302	107.3	50.8	0
Sonitpur	2015	7.9	5.2	6.4	221	281.4	482.3	310.3	442.8	141.7	42.3	25.9	57.1
	2016	45.7	14.9	42.1	228.6	295.8	158.4	264.9	161.1	175.9	81.7	0.1	2.4
	2017	2.2	66.7	37.8	196.4	238.5	490.6	443.4	304.4	187.6	109.7	8.9	0
	2018	0	7.3	61.5	120.7	190.4	195.2	343.2	335.9	269.5	30.3	30.9	23.4
	2019	1	25.8	34.6	173.4	374.8	331.4	445.9	139.9	255	97.1	9.5	10.3
	2020	11.4	35.6	24.8	72.9	288.5	271.1	317.8	204	194.9	139.4	10.9	1
Tinsukia	2015	17.1	44.9	72.1	334.3	247.1	493.2	301.5	627.8	233.7	84.4	20.6	30.6

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2016	13.2	70	150.6	551.7	306.1	221.5	484.6	244	354.7	135.1	13.1	7.1
	2017	5.7	88.7	128.8	285.2	343.7	301.3	466.3	311.5	315.4	266.3	4.6	0.3
	2018	17.9	44.7	154.1	184.9	239.3	284.6	333.8	305.5	252.7	68.8	43.1	30.3
	2019	8.8	73.5	102.7	100.5	520.4	328.9	602.8	120.6	305.5	83.8	16.2	0.2
	2020	31.3	21.1	25.9	103.2	320.5	687.2	497	401.1	346.1	179.7	59.4	0
Udalguri	2015	5.2	12	9.3	188.1	245.6	419.5	238.4	382.8	170.3	60.1	21.5	16.7
	2016	33.7	3.9	40.8	413.1	285.3	156.3	342.7	97.4	231.9	75.9	2.9	11.1
	2017	0.5	86.5	47	252.4	174.1	317.9	256.6	226.9	304.8	158.2	8.3	0
	2018	0	3.1	71.6	59	265.6	338.4	502.2	325.2	355	63.8	7.4	23
	2019	0	49.2	33	207.6	395	347.2	657.5	289.6	357.4	60.2	3.6	11.2
	2020	13.9	26.7	28.3		365.2	421.1	439.2	171.4	304.1	125	1.2	0
Manipur													
Bishnupur	2015	40.35	5.42	17.72	207.6	49.1	227.03	331.47	252.99	154.5	111.24	9.64	0
	2016	6.78	26.25	51.92	217.5	316.73	185.78	310.07	99.04	177.99	125.12	58.88	2.1
	2017	6.9	19.6	209.41	212.97	152.71	281.14	349.32	141.89	306.14	239.85	3.51	101.84
	2018	0.28	7.4	52.36	114.97	195	324.15	220.5	193.15	22.91	48.1	0.2	12.79
	2019	0.52	14.27	20.28	51.29	94.67	96.2	141.69	94.71	196.08	101.42	28.61	8.88
	2020	45.01	10.35	19.98	85.59	134.76	178.47	65.16	182.98	178.33	104.78	80.03	0
Churchandrapur	2015	30.7	5.93	16.92	285.37	91.06	241.62	355.91	276.51	169.54	101.19	8.31	2.28
	2016	5.43	36.23	63.63	299.58	364.27	254.97	339.16	163.98	291.02	146.6	59.65	3.21
	2017	5.17	21.26	217.12	265.58	171	333.54	391.55	278.09	312.97	281.28	4.18	101.54
	2018	0.82	7.77	57.68	141.44	239.36	365.35	241.93	244.71	78.9	60.09	1.82	16.24
	2019	0.37	18.36	27.01	69.21	119.55	156.44	22.59	141.01	219.44	129.33	26.99	8
	2020	39.64	7.68	17.47	92.76	171.51	233.36	116.5	234.92	209.39	141.51	70.91	0
Imphal East	2015	41.3	5.4	17.8	199.9	45.5	225.1	328.6	251.3	154.2	112.7	9.8	0.2
	2016	6.6	25.6	51	211.9	310.9	153.5	305.9	89.1	162.3	122.9	58.5	2.1

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2017	7.2	20.1	212.2	209	150.9	275.2	358.2	124.3	301.7	234.9	3.6	103.2
	2018	0	7.5	52.6	113.1	187.6	320.1	212.6	186.3	17.6	46.8	0.2	12
	2019	0.73	13.83	24.09	53.18	105.21	104.73	149.66	118.33	202.44	114.46	29.73	8.4
	2020	8.4	10.9	19.38	95.07	135.79	187.23	79.89	185.22	184.47	122.81	78.76	0
Imphal West	2015	2.1	0.3	11.8	555.7	176	377.2	486.4	362	157.7	35.2	2.6	11.2
	2016	0.5	65.2	111.1	561.7	643.2	642.9	484	372.4	737.6	237	52.9	0.8
	2017	0	13.6	178.2	479.7	189.6	546.9	690.3	803.3	510.5	382.6	2	102.1
	2018	2.5	0.5	80.1	219.7	526.6	497.4	243	338.6	167.2	53	0	30.7
	2019	0.29	19.28	29.19	73.93	135.55	179.88	261.17	161.38	232.99	147.37	26.26	8.69
	2020	8.69	6.66	17.28	96.83	181.02	267.11	142.78	257.4	222.99	164.26	68.44	0
Thoubal	2015	41.08	5.47	17.82	200.89	45.95	225.16	328.94	251.01	154.19	112.34	9.81	0.24
	2016	7.09	25.05	50.44	208.74	309.51	174.84	306.64	95.72	168.08	122.67	59.14	2.13
	2017	6.94	19.39	208.39	206.78	152.42	277.4	345.54	130.58	304.06	235.64	3.64	100.72
	2018	0.5	7.36	52.09	112.64	191.5	322.66	224.39	191.84	22.14	48.27	0.22	12.56
	2019	0.55	14.14	20.57	51.02	95.1	94.83	139.5	95.53	196.87	102.74	29.07	8.77
	2020	45.31	10.75	19.98	88.68	133.26	176.91	66.01	181.4	179.27	108.01	80.42	0
Meghalaya													
East Garo Hills	2017	0	2.05	162.24	533.39	549.82	476.34	760.95		701.98	304.7	1.3	2.2
	2018	0	0	29.97	120.52	583.9	483.86	317.23	231.85	319.4	41.8	0.6	17.6
	2019	0	23.8	13	127.2	302	278.5	737.4	106.8	365.2	345.4	19.4	
	2020	0	29.19	41.49	387.71	594.54	871.01	1349.37	360.71	1089.13	146.32	0	
East Jaintia Hills	2019	0	40.6	41.6	162.8	507.8	865	523	275.8	360	150.8	13.8	2.6
	2020	21.8	15.2	33.4	209	1211.8	1206.3	1391	470	1011	315.2	15.8	
East Khasi Hills	2017	8.2	958.74	1251.2	1596.4	1091.4	3663.01	3179.4	780.8	1572.7	982	50.3	78.7
	2018	15.6	1.7	63.3	565	1276.9	2369.5	2690.1	1381.3	1975.6	267	21	29.6
	2019	0.3	91	108.4	687.9	2147	4339.6	5086.2	988.6	1530.6	1595.6	90.8	11.8

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2020	78.1	78.9	77	731	3007.7	7076	5178.1	1973.4	3892.4	1192.6	107.2	1.8
North Garo Hills	2017	0	0	13	10	1	NA	NA	NA	NA	NA	NA	NA
	2018	NA	NA	NA	164	314.2	203.4	120.4	145.2	115	48	2.4	
	2019	0	0	0	194.8	441.2	243.2	451.8	199.8	154.2	274.5	3.2	0
	2020	5	3.2	10.8	8	118.8	596	87					
Ri-Bhoi District	2017	2.8	0.4	18.32	160	257.8	392.8	386.2	454	236.6	293.6	7	5.3
	2018	2.6	14.6	0.2	115.8	216.2	296	422.6	207	127.4	3.2	0	27
	2019	6.8	42.2	122	160.6	75.8	134	273.6	353	379.2	139	17.6	5.2
	2020	9.2	46.6	15.8	150.8	191	290.4	302.6	52.2				
South Garo Hills	2017	4.6	2.4	300.6	398.4	345.6	398	702.6	836.8	619	223.2	10.2	19.2
	2018	0.8	3.2	61.2	175.8	-	-	-	490	427.2	64.8	0.8	13.2
	2019	0	16.2	47	151.4	681.4	672	933.8	339.4	497	182.6	12.2	5.6
	2020	10.2	40	38.6	186	444.4	1014.4	1176	483.2	825.2	440.8		
South West Garo Hills	2017	3	0	174	279	427.2	217.6	157.6	223.4	158.6	812.8	0.2	0
	2018	0	0.6	0.2	1.8	0	12.6	0	116.6	130	18.2	0.6	0
	2019	0.2	56.8	32.8	220.8	395.6	418.2	339	145.2	274.6	211.4	12.8	0.4
	2020	9.4	0.6	1.4	143.4	356.8	219.2	448.2	100.2	572	158.8	0.4	1.4
South West Khasi Hills	2017	4.8	60.2	333.4	559	325.1	972.1	1245.4	1879	893	344.6	48.8	38
	2018	5.8	15.2	2.6	35.4	152	739	1339.8	560.4	723.8	133.8	15.6	0.6
	2019	2.4	64.8	39.4	216.2	437.4	1112	1840.8	418.6	675.4	425.8	36.8	7.2
	2020	22.2	36.4	29	313.4	1128.4	2198.8	2858	955.8	2236.4	583	15.2	8.2
West Garo Hills	2017	0.6	0	97	312.6	455.6	371.4	565.2	518.4	770.8			
	2018	1.4	27.8	47.2	186.2	290.8	507.2	352	217.4	43	54.2	22.2	18.8
	2019	0.4	62.8	73.4	317.6	612.2	688.8	714.8	409.6	526.6	493.6	14	1
	2020	18	3.8	92.4	429.2	735.2	872.6	1454.4	208.8	926.8	185.8	0	0

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
West Jaintia Hills	2017	3.8	8.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2018	NA	NA	NA	NA	NA	NA	NA	3.2	2.4	91.8	13.2	0
	2019	0	0.6	26.4	93	556.6	1095.6	2208.4	635.2	1202.2	524.8	29.4	9.8
	2020	25.4	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
West Khasi Hills	2017	4.6	23.8	119	396.8	208.4	507.8	641.6	1031.2	294.8	267	1	12.4
	2018	0	1.6	18	122.4	253.6	261.2	508	218	314	77.8	49.4	20
	2019	0.2	52	51.4	241.4	322.2	649.2	1135.6	565.8	757.8	483.4	44.6	3
	2020	29.8	39.7	51	258	430.8	877.2	1567.6	401.2	752.8	293.8	11.4	0
Mizoram													
Aizawl	2016	0.4	16.3	129.1	267.2	355.4	426.2	264	388	394.1	180.5	88.7	0
	2017	1	15.4	109.9	389.5	252.9	616.3	352	527.7	230.4	338.3	8.9	62.9
	2018	10.6	7.7	42.5	140.6	282.1	485.6	207	487.5	213.8	106.5	3.9	2.6
	2019	0	34.3	37.6	122.7	236	213.6	542.3	293.4	260.4	118.1	63.1	5.3
	2020	49.7	5.9	5	141.8	216.4	190.2	254.5	210.5	209.4	263.4	28.8	0
Champhai	2018	NA	NA	NA	NA	NA	NA	257.8	322.7	120.8	80	0	18
	2019	1.7	27	10.6	55.2		222.8	524.5	176.3	189.9	41	50.7	0
	2020	0	1.4	0	60.6	106.6	80.6	175.1	271	225.9	96.8	56.3	0
Kolasib	2018	NA	NA	NA	NA	NA	610.8	420	579.5	128.8	64	13.4	7.6
	2019	1	3.1	NA	NA	424.4	395.7	466	597.5	426.5	117.4	59.8	0
	2020	49.9	3.7	0.1	85	259.3	319.7	396.4	343.5	224.6	312.8	66.6	0
Lawngtlai	2019	NA	NA	NA	NA	NA	415.1	840.8	378.7	373	125.2	28.2	11.4
	2020	71.8	8	0	128.3	214.8	352.2	555	453.1	272.8	257.6	36.3	0
Lunglei	2016	0	40	NA	NA	NA	268	284	354	449.1	102.8	34.5	0
	2017	0	0	109.5	237.8	149	1036	1102	1496	642.5	199.1	7.1	16.3
	2018	2	0.5	2	3.5	227.6	322	727	930.5	312	290.5	4	2

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2019	0	41	14.8	3.8	71.8	408.5	1419	182.9	110.8	93.6	28.4	1.2
	2020	50.5	10.4	0	84.9	145.5	116.4	527.8	502.5	128.8	91.3	17.4	0
Mamit	2019	NA	NA	NA	NA	NA	138.6	285.1	249.8	328.7	326	37.2	4
	2020	47.2	29.4	0	74.3	131.3	266	516.7	265.7	126.4	199.3	49.2	0
Saiha	2016	11	22	16	45	422	604	371	347	376	260	40	0
	2017	0	0	44	121	47	154	NA	NA	NA	NA	NA	NA
	2018	0	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2019	NA	NA	NA	NA	158.8	354.9	591.9	298.4	361.5	71.2	44.6	0
	2020	73	10.4	2	129.6	213.2	268.8	327.4	340.4	231.3	416	26	0
Serchip	2016	0	48	6.8	12.2	13.1	192	723.5	318.7	413.3	86.1	91.7	0
	2017	0	0	104.4	334.2	147.8	715.3	346.8	823.2	583.1	393.8	41.4	95.3
	2018	6.6	0	0	80	462.5	1123	588	336.1	269.9	218.2	0	11
	2019	0	0.5	0.2	31.2		267.9	453.9	101.9	75.2	26.2	22.7	0
	2020	0	5	0	51.6	99.5	142.1	265.5	195	142.1	179.5	41.3	0
Nagaland													
Dimapur	2016	23.3	5.5	18.2	131.8	165.4	214.3	264.2	398	283.7	25.8	65.4	5.8
	2017	0.4	0.4	90.7	226	111.7	345.5	470.7	492.5	233.9	128.8	16.4	31.6
	2018	23	0.1	37.6	70.8	116.9	290.7	291.7	309.1	118.2	49	6.7	43
	2019	0	17.6	58	88.6	200.6	186.1	230	211.6	209.8	230.7	38.4	2.5
	2020	13.4	7.4	19.5	78.1	95.6	218	239.9	61.2	146	138.3	24.9	2.2
Kiphire	2016	10.6	2.8	NA	60.2	NA	152.2	NA	NA	157	44.5	49	3.7
	2017	0	0	87	119.8	43.2	215	164.8	134	NA	NA	NA	NA
	2018	11	4		29	65		215.2	100.4	85	34.5	6	22
	2019	7.3	7.8	27.4	53	65.3	82.1	133.8	97.4	199.1	227.9	25.6	5.5
	2020	25.7	15.2	5.6	93.4	92.4	156.1	200.8	276.6	143.6	134	21.2	0.6
Kohima	2016	20.9	8.4	16.4	48.9	127.9	169.9	222.5	241.5	237.6	103.1	67.9	2.4

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2017	1.6	0.5	99.2	127.4	201.7	308.2	475	242.5	328.8	178.6	5.4	31.9
	2018	13.2	3.6	43.6	99.8	285.8	323.2	515.4	311	115.5	71.7	3.7	49.6
	2019	4.9	17.1	73.5	97.6	185.7	239.5	268.4	257.5	223.2	192.8	44.9	2.9
	2020	18.8	5.3	19.1	126.8	156.7	298.5	249.7	171.7	134.3	142.4	38.7	3.6
Longleng	2018	NA	NA	NA	NA	NA	133	564	251	130	87	32	44
	2019	11	43	55	176	NA	211.5	228	NA	275.3	200.9	44	0
	2020	1	NA	NA	NA	132	222	120	189	155	56	46.8	10
Mokokchang	2016	11	8	3	6	NA	NA	NA	NA	49	40	20	0
	2018	NA	NA	NA	NA	NA	188	487	307	226	53.9	8.6	41.4
	2019	4.4	39.3	62.6	156.3	223.8	235	454.7	173.3	355.9	215.2	62.2	1.3
	2020	50.5	18.2	20.7	146.1	228.5	341.6	253.6	341.5	218.6	240.3	57.7	2.2
Mon	2016	25	14	NA	NA	NA	NA	NA	325.4	NA	NA	NA	NA
	2017	2	NA	115.2	184.2	284.8	307.2	425	442.5	320.6	NA	8	NA
	2018	1	23.4	131.6	127.9	274.6	260	458.6	240.3	206	54.8	5	31
	2019	2	14.3	74.3	141.4	185.7	137.5	168.8	350.7	309.1	158	12	0.5
	2020	32.5	12.4	23.5	69.5	160.5	331.5	306	127	47.5	11.7	3	0.6
Peren	2018	NA	NA	NA	NA	NA	207.8	283.3	338.8	169.6	81.6	0.7	58.5
	2019	2	23.9	43.9	88.3	38	216.2	287.8	433.2	219.9	262.7	56.4	1.3
	2020	17.1	12.5	14.1	31	60.5	71	152.3	153.8	259.6	82.4	0	0
Phek	2016	21.8	2	25	91.9	188.3	333.8	324	124.7	137	74.1	67.4	6.4
	2017	5.5	0.9	83	110.7	77	250.9	158	266.7	181	187.2	10	
	2018	4	6	22	101	105	188.5	246.3	250.5	96	38	0.9	29
	2019	4.5	9.4	66	132.7	89	216	174	121.4	264.3	178.4	30.5	5
	2020	18.2	17.8	2.7	121.7	105.9	194.9	270.3	214.1	300	197.4	52.3	0.2
Tuensang	2018	NA	NA	NA	NA	NA	159	534	169	86.6	31	5	34
	2019	24	19	53	178	71	273	315	349	345.3	232.6	49	4

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2020	32	23.7	19	164.8	100.5	151.3	124.6	206.2	174.7	162.6	71.2	0
Wokha	2016	25	26	52	35	19	325	412	225	393	109	128	6
	2017	0	2	94	227	198	193	137	35	53	NA	NA	NA
	2018	5	1	0	NA	NA	188.5	600.8	304.8	175	15.8	6.7	33.8
	2019	6	13.7	30.2	100.1	84.1	59.3	313.5	224.8	293	191.9	19	5.5
	2020	24.5	22.5	30.9	86.1	145.8	236.3	271	83.2	121.1	140	28.6	0.2
Zunheboto	2018	NA	NA	NA	NA	NA	165	447	220	184	64	0	29
	2019	12	17	26	144	107	393	232	182		133.6	49	3
	2020	31	21	32	86.5	188.4	471.7	338	361	167.4	254.5	54.6	0
Tripura													
Dhalai	2015	0.00	24.77	36.77	402.80	405.50	240.63	541.77	306.97	447.27	83.27	1.07	1.80
	2016	1.60	81.17	104.23	184.43	458.67	304.67	222.47	453.73	273.30	155.57	149.40	0.00
	2017	0.00	21.53	214.40	397.10	195.83	701.30	265.97	613.43	307.03	338.53	2.93	91.63
	2018	7.33	6.07	33.30	233.13	707.60	638.20	240.60	332.50	163.87	129.97	14.13	23.83
	2019	0.00	40.27	58.90	187.93	397.27	474.97	679.87	227.23	275.47	215.27	40.40	3.17
	2020	22.60	0.00	0.40	265.87	412.83	503.33	338.40	157.33	352.70	264.23	16.40	0.00
Gomati	2015	0.00	3.25	11.55	262.65	280.25	271.05	602.40	360.65	456.95	117.55	0.90	3.25
	2016	0.00	14.20	124.70	61.35	365.90	229.90	397.25	360.10	246.55	164.80	213.15	0.00
	2017	0.00	0.00	149.55	341.90	178.75	366.15	442.10	473.95	456.30	343.55	4.60	98.95
	2018	0.00	0.25	27.65	240.30	604.65	380.15	273.95	231.95	142.50	38.20	25.80	4.10
	2019	0.00	52.50	8.65	123.60	190.25	182.70	560.60	234.10	157.20	78.65	79.85	4.25
	2020	34.25	4.05	0.00	133.05	344.80	464.90	346.85	191.35	316.90	247.60	12.45	0.00
Khowai	2015	0.00	10.70	5.20	349.10	282.70	208.30	426.30	323.50	209.55	67.90	0.60	17.90
	2016	6.70	38.00	78.10	181.80	449.40	188.80	280.30	212.70	180.80	143.50	222.20	0.00
	2017	0.00	39.40	161.30	514.20	205.00	695.55	239.50	433.50	304.80	325.60	4.00	101.20

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2018	15.90	10.20	75.10	140.20	755.40	578.60	257.20	222.20	74.10	60.70	13.70	22.60
	2019	0.00	45.00	74.10	165.30	328.90	310.75	659.70	266.50	143.80	184.40	38.00	13.65
	2020	22.20	0.70	13.50	201.80	390.20	450.30	339.30	167.40	295.30	298.55	29.90	0.00
North tripura	2015	0.00	17.05	7.60	425.55	501.05	308.00	265.75	347.00	266.95	135.80	5.80	21.30
	2016	6.00	80.30	146.50	355.50	504.35	284.05	243.25	455.90	298.85	88.70	78.70	4.50
	2017	0.00	13.90	190.95	424.00	347.40	672.30	273.85	633.50	315.90	341.75	0.70	77.90
	2018	0.00	11.40	67.65	175.30	586.60	605.20	267.65	258.15	199.45	133.20	22.80	22.55
	2019	0.00	39.80	41.95	231.35	441.50	412.30	450.60	211.65	249.35	257.60	42.60	3.55
	2020	31.60	0.00	7.80	291.90	332.35	381.05	283.60	230.35	238.05	321.35	30.80	0.00
Sepahijala	2015	0.00	10.30	6.90	257.00	305.20	255.85	639.75	239.30	266.60	45.60	0.00	1.20
	2016	0.00	14.10	46.30	138.40	324.40	163.50	439.25	303.55	160.70	78.30	193.05	0.00
	2017	0.00	45.10	301.20	431.90	303.80	419.00	613.80	547.70	352.10	334.40	3.40	99.30
	2018	0.00	9.60	18.20	222.85	451.20	390.10	177.10	87.30	107.35	27.70	14.70	4.20
	2019	0.00	55.70	16.95	148.55	184.90	234.20	590.60	179.35	243.45	66.90	43.45	5.30
	2020	34.45	0.95	1.60	110.55	239.75	466.70	423.45	207.10	315.20	247.15	16.00	0.00
South tripura	2015	0.00	2.07	16.70	230.07	272.67	380.50	786.57	508.17	328.87	156.87	0.87	0.20
	2016	0.00	52.30	79.73	93.97	369.33	307.27	467.60	411.93	235.60	186.87	208.93	0.00
	2017	0.00	0.87	188.80	352.67	176.00	592.73	641.57	394.00	416.00	390.53	0.87	74.20
	2018	0.00	2.20	9.60	154.60	457.73	665.33	468.23	308.83	99.67	103.60	4.20	3.80
	2019	0.00	50.00	28.07	171.60	196.93	178.53	752.93	266.50	265.67	110.97	87.80	2.20
	2020	49.47	5.20	6.07	223.50	333.57	437.33	490.43	218.27	245.73	336.03	27.90	0.00
Unakoti	2015	3.30	23.00	24.50	326.10	327.00	300.30	274.50	342.20	169.30	78.80	21.30	30.00
	2016	0.00	107.90	106.20	324.40	594.70	341.20	288.70	290.60	402.80	46.80	100.70	0.00
	2017	0.00	0.00	136.20	418.70	234.30	610.30	297.50	548.10	212.70	329.80	0.00	82.10

State / District	YEAR	January	February	March	April	May	June	July	August	September	October	November	December
	2018	3.20	22.50	25.50	197.80	636.30	418.30	173.20	143.10	197.70	97.30	3.40	35.70
	2019	0.00	11.60	58.10	228.10	380.60	383.20	657.40	172.30	104.60	273.40	6.30	0.00
	2020	10.60	0.00	0.00	189.30	349.80	516.10	233.90	180.50	288.90	217.90	39.90	0.00
West tripura	2015	0.00	6.10	8.65	290.95	294.55	284.60	580.75	282.65	229.80	156.65	0.60	4.30
	2016	0.00	10.50	100.10	134.00	381.40	163.25	308.45	147.70	172.80	92.60	132.05	0.00
	2017	0.00	13.00	138.85	259.75	166.15	521.60	350.00	485.25	502.35	270.75	0.80	82.90
	2018	0.00	8.65	28.30	160.60	609.80	483.20	208.50	194.70	95.85	50.30	20.00	24.25
	2019	0.00	68.05	31.00	160.95	238.25	276.90	534.60	189.35	181.00	126.00	39.20	6.60
	2020	15.85	0.00	1.15	109.45	285.75	430.20	385.55	197.60	383.10	197.05	23.65	0.00

NA= Data Not Available

4. GEOLOGY

Geological Formations encountered, in the North Eastern Region, range in age from Archaeanto Recent. The generalized Geological succession of the Region is shown in Table–4.

Table – 4 Generalized Geological Successions in North Eastern India

Age	Group/ Formations	Lithology
Recent	Newer Alluvium	Clay, Silt, Sand as beds and lenses. ~~~~~ Unconformity ~~~~~
Pleistocene	Older Alluvium	Clay, coarse Sand, Shingle, Gravel & Boulder deposits as beds and lenses ~~~~~ Unconformity ~~~~~
Pliocene	Dihing	Pebble beds, soft Sandy clay, Conglomerate, Grit and Sandstone. ~~~~~ Unconformity ~~~~~
Mio-Pliocene	Dupi Tila	Sandstone, Conglomerate. Mottled clay, and Grit ~~~~~ Unconformity ~~~~~
Miocene	Tipam	Ferruginous sandstone, Clay, Shale and Conglomerate. Surma Shale, Sandy shale, Siltstone, Mudstone, Conglomerates etc. ~~~~~ Unconformity ~~~~~
Oligocene	Barail	Massive sandstone, Shale, Sandy shale etc.
Eocene	Disang / Jaintia	Shale, Sandstone, Marl, Limestone etc.
Upper Cretaceous	Khasi Group	Conglomerate, Arkose, Sandstone – Conglomerate alterations. ~~~~~ Unconformity ~~~~~
Jurassic	Sylhet Trap	Basalt, Rhyolite, acid Tuff as flows and lenses ~~~~~ Unconformity ~~~~~
Pre-Cambrian	Shillong Group	Quartzite, Phyllite, Conglomerate, Dolerite, Basalt, Porphyritic and coarse Granite, Pegmatite. ~~~~~ Unconformity ~~~~~
Archaean	Gneissic Complex	Biotite-gneiss, Biotite-hornblende-Gneiss, Granite, Ilemenite-quartz-schist, Mica-Schist etc.

The North Eastern Region can structurally be classified into five major Geotectonic Provinces. These are as follows.

4.1. Shield area: The stable landmass of Assam-Meghalaya Plateau and the Mishimi massif form the shield area which were unaffected by orogenic movements. The shield area is separated from the other tectonic provinces by deep fractures in all sides.

4.2. Platform area: The areas bordering the shield area are termed as platform area. This zone was also unaffected by Cenozoic orogenic movement. However, late Mesozoic and Cenozoic marine and fluviatile sediments were deposited on this. The Upper Assam valley extending from Mishimi hills to Karbi Anglong, its southern margin and the northern margin of Cachar and N.C. Hills form the platform area, which is the eastern extension of Bengal platform.

4.3. Shelf area: The narrow southern margin bordering the Shield area is known as shelf area.

4.4. Mobile belt: The Geosynclinal deposition on the northern part forming Himalayan mountain system and the east and south-eastern parts forming Naga Patkai and Lushai Hill ranges due to orogenic movement are termed as mobile belts.

4.5. Foredeeps: The depressions in the northern and south-eastern margin of the platform are known as foredeeps. These foredeeps are covered by thick pile of molassic sediments derived from still rising mountains of mobile belt.

5.HYDROGEOLOGY

Recharge to the ground water of an area is controlled, mainly by three factors – Topography, Geology and Climate. Topography controls the gradient of an area. Geology plays an important role in storage and transmission of ground water and Climate forms the main source of ground water recharge through precipitation.

Based on the ground water occurrence and movement, the Geological Formations of the Region can be broadly grouped into Porous and Fissured Formations.

- (a) Porous Formations
 - 1. Unconsolidated Formations
 - 2. Semi-consolidated Formations
- (b) Fissured Formations
 - 1. Consolidated Formations

5.1 Porous Formations

5.1.1 Unconsolidated Formations:

Unconsolidated Formations (Alluvium) occupy about 77,068 sq.km areas which are about 30% of the total area of the region and it covers mostly the plains of Brahmaputra valley and Barak valley of Assam. This Alluvial Formation comprises of Clay, Silt, Sands of various grain size and Gravel, etc. The foot-hill zone of Arunachal Pradesh comprises Boulder, Pebble, Cobble, Gravel, Sand, Silt, Clay etc. known as 'Bhabar Zone'. In general the grain size of the formations decreases from north to south in the northern part of the Brahmaputra River and from south to north in the southern part of the River. The foot-hill areas in northern and southern part form the recharge zone of ground water for the plains of Assam.

Ground water, in general, occurs under unconfined to semi-confined conditions. However, in parts of Baksa, Udalguri, Darrang, Nalbari, northern part of Kamrup, part of Cachar district of Assam and in southern part of West Garo Hills district of Meghalaya, ground water occurs under confined conditions giving rise to auto flow wells.

A total of 532 Ground Water Monitoring Stations are located in Unconsolidated Formations. During the year 2020-2021, the range of pre and postmonsoon water levels in dugwells varied from 0.07 magl to 12.61 mbgl and 0.55 magl to 10.83 mbgl respectively. The range of pre and postmonsoon water levels in piezometers varied from 1.91 mbgl to 28.09 mbgl and 0.81 mbgl to 25.91 mbgl respectively

5.1.2 Semi-consolidated Formations:

The Semi-consolidated Formations occupy the hill ranges of Tripura, southern hill ranges of Arunachal Pradesh, eastern part of Nagaland, Manipur, Mizoram, eastern fringe of Assam bordering Arunachal and Nagaland and hill ranges of Barak valley in southern Assam. The semi-consolidated formations in the region belong to Tertiary age. The granular zones comprise fine to medium grained sandstone, siltstone with intermittent shale beds. Ground water, in these formations occurs mostly under semi-confined to confined conditions.

In the semi-consolidated formation, 48GWMS are located. The pre and postmonsoon water levels in dugwells ranged from 0.34 to 20.82 mbgl and 0.21 to 15.25 mbgl respectively. In piezometers, water level ranged from 2.81 mbgl to 15.60 mbgl in pre-monsoon and 1.18 mbgl to 14.52 mbgl in post-monsoon.

5.2 Fissured Formations

5.2.1 Consolidated Formation:

The Consolidated Formations form the high hill ranges of Arunachal Pradesh, high land plateau of Meghalaya, Karbi Anglong district of Assam and isolated inselbergs of Brahmaputra valley scattered along both northern and southern bank of Brahmaputra River in middle and lower Assam. This formation mostly comprises of gneissic and schistose rocks belonging to Archaean and Pre-Cambrian age. These rocks are very compact and hard devoid of primary porosity. However, the secondary porosity developed by fractures, fissures and joints form ground water conduits and reservoirs. Due to high rainfall in the area, the weathered residuum has developed a considerable thickness, which varies from 10 to 20 m in general. This weathered residuum forms a good ground water reservoir. In the hill ranges of the area, springs are a common sight, which emanate through contacts of joints, fractures, topographic lows and hill slopes.

A total of 42 GWMS are located in consolidated formations. In Dugwells, the range of water levels during pre & post-monsoon varied from 0.90 to 18.00 mbgl and 0.18 to 15.84 mbgl respectively. In piezometers, pre-monsoon water level ranged from 2.87 mbgl to 45.83 mbgl and post monsoon water level ranged from 0.52 mbgl to 41.37 mbgl.

6. BEHAVIOUR OF WATER LEVEL DURING THE YEAR 2020-21

Based on the water level data collected from the Ground Water Monitoring Stations, the following maps has been prepared for each monitoring period. The details of GWM Stations and water level data during the year,2020– 2021are given in Annexure I and II.

- i. Depth to water level maps
- ii. Fluctuation of water level between Pre and Post monsoon.
- iii. Fluctuation of water level in the current month with respect to that of the same month of the previous year.
- iv. Fluctuation of water level in the current month with respect to the average of the preceding decade for the same month.

6.1 Depth to Water Level

6.1.1 Depth to Water level during March, 2020 (Fig. 5 and Annexure III)

Arunachal Pradesh

A significant part of Arunachal Pradesh is hilly.Hence, most of the monitoring stations are located along the southern boundary bordering the Brahmaputra valley of Assam.

During the month of March 2020, groundwater level was recorded in 23.10 % (6) of the monitored stations within 0-2 mbgl, in 50% (13) stations in the range of 2-5 mbgl, in 15.4% (4) stations ranging from 5 to 10 mbgl and in 11.5 % (3) GWMS was from 10 and 20 mbgl. The minimum and maximum water level of 0.07 magl and 12.61mbgl were recorded in Papumpare district.

Assam

During the month of March 2020, 23.1% (52) of the monitored stations exhibited water level within 0-2 mbgl, 52.4% (118) stations in the range of 2-5 mbgl, 21.3% (48) stations from 5-10 mbgl, 2.67% (6) stations from 10 to 20 mbgl and one well (0.4% of total) shows water level more than 20mbgl. The minimum water level of 0.11 mbgl had been observed in Cachar district. The maximum water level of 20.1 mbgl had been recorded in East Karbi Anglong district.

Meghalaya

The Depth to water level measured during March 2020, indicates water level in the range of 2-5 mbgl in majority (77.3%) of the GWMS. Water level within 0-2 mbgl was recorded in 9.09% (4) stations, in the range of 2-5 mbgl in 77.3% (34) stations, in 11.4% (5) stations ranging from 5-10 mbgl and in only one GWMS water level is above 20 mbgl. The minimum water level of 0.34 mbgl was recorded in West Jaintia Hills district. The maximum water level (8.12 mbgl) in dugwell

and in piezometer (45.83 mbgl) had been recorded in West Garo Hills district and in East Jaintia Hills district respectively.

Nagaland

During March 2020, water level in the state was monitored only in 3 stations. Water level is within the range of 10-20 mbgl in all the three stations. Both the minimum water level (10.5 mbgl) and the maximum water level (16.75 mbgl) had been recorded in Dimapur district.

Tripura

During the month of March 2020, in 18.3% (74) of the monitored stations of the state, water level was recorded within 0-2 mbgl. Water level in the range of 2-5 mbgl was found in 54.8% (222) stations, in the range of 5-10 mbgl in 21.2% (86) GWMS, from 10-20 mbgl in 4.44% (18) stations and in 1.2% (5) of stations were above 20 mbgl. Majority of water level was recorded in the range of 2-5 mbgl. The minimum water level of 0.74 mbgl was recorded in Gomati district. The maximum water level (10.41 mbgl) in dugwell and in piezometer (28.09 mbgl) had been recorded in Gomati district and in West Tripura district respectively.

6.1.2 Depth to Water level during August, 2020 (Fig. 6 and Annexure IV)

Due to COVID 19 pandemic, lockdown was imposed in several parts of NER and interstate/interdistrict movement was restricted. Hence ground water monitoring of stations in August 2020 was carried out in few districts.

Arunachal Pradesh

During the month of August 2020, only monitoring of stations located in Papumpare district could be taken up. Water level within 0-5 mbgl had been recorded in majority of the wells i.e. 71.4% (5) of the monitored stations of the state. Depth to water level in the range of 2-5 mbgl in one well (14.3%) and one station in 10-20 mbgl range was recorded. Minimum water level of 0.36 magl and maximum water level of 10.79 mbgl had been recorded during the period.

Assam

In Assam, monitoring was taken up in very few districts. Depth to water level scenario in those districts during August 2020 indicates prevalence of water level within 5 mbgl (100%, 46 Nos.). Depth to water level in the range of 0-2 mbgl was recorded in 69.9% (32) stations and in the range of 2-5 mbgl in 30.4% (14) stations. Minimum and maximum water levels of 0.90 magl and 3.98 mbgl had been recorded in Udalguri and Kamrup District respectively.

Meghalaya

During the month of August 2020 monitoring work in Meghalaya state could not be taken up due to movement restrictions imposed by State Government for COVID 19 pandemic.

Nagaland

During the month of August 2020 monitoring work in Nagaland state could not be taken up due to movement restrictions imposed by State Government for COVID 19 pandemic.

Tripura

During the month of August 2020, monitoring in districts of Khowai, North Tripura, Sipahijala and West Tripura was carried out. Water level in 58.1% (50) of the monitored stations of the state was recorded within 0-2 mbgl. Water level in the range of 2-5mbgl was found in 32.6% (28) stations, in the range of 5-10mbgl in 3.5% (3) stations and in 3.5% (3) stations in the range of 10-20mbgl. Water level beyond 20mbgl was found in 2 piezometers. Majority of water level was recorded within 0-5mbgl. The minimum water level of 0.3 magl was recorded in Sipahijala district. The maximum water level (5.98mbgl) in dugwell and in piezometer (26.35mbgl) had been recorded in West Tripura district.

6.1.3 Depth to Water Level during November 2020 (Fig. 7 and Annexure V)

Arunachal Pradesh

Depth to water level had been measured in 13 GWMS of the state during the month of November 2020. In 69.2% (9) of the monitored stations the water level was found within 0-2 mbgl, in one station water level was in the range of 2-5 mbgl, in 15.4% (2) stations in the range of 5-10 mbgl and in only one station it was recorded in the range of 10-20 mbgl. Both the minimum and maximum water levels of 0.55 magl and 10.83 mbgl had been recorded in Papumpare district.

Assam

During November 2020, depth to water level in majority of the stations (93.7%, 251 Nos.) was found in the range of 0-5mbgl. Depth to water level in the range of 0-2mbgl was measured in 59.7% (160) stations, in the range of 2-5 mbgl in 91% (34) stations and in the range of 5-10mbgl in 5.22% (14) stations. Water level in the range of 10-20 mbgl was recorded in 3 (1.1%) stations only. Minimum water level (0.05magl) and maximum water level (15.84 mbgl) were recorded in Dhemaji and Dhubri District respectively.

Meghalaya

During November 2020, water level in the state was recorded within 0-2 mbgl in 47.5% (29) of the monitored stations, in the range of 2-5 mbgl in 42.6% (26) stations, in the range of 5-10 mbgl in 4.92% (3) stations and one well shows water level in the range of 10 to 20mbgl. Water level above 20mbgl was observed in 3.3%(2) stations. The minimum water level of 0.18 mbgl was recorded in East Khasi Hills district. The maximum water level (9.72mbgl) in dugwell and in piezometer (41.37 mbgl) had been recorded in West Jaintia Hills district and in East Jaintia Hills district respectively.

Nagaland

During November 2020, water level had been monitored only in Dimapur district of the state. Water level in 27.3% (3) of the monitored stations had been recorded within 0-2 mbgl and in 45.5% (5) stations, in the range of 2-5 mbgl and 27.3% (3) stations show water level between 5-10 mbgl. The minimum and maximum water level had been recorded as 0.23 and 9.6 mbgl.

Tripura

During the month of November 2020, water level in 36.6% (41) of the monitored stations of the state was recorded within 0-2 mbgl. Water level in the range of 2-5mbgl was found in 46.4% (52) stations, in the range of 5-10mbgl in 10.7% (12) stations and in 4.5% (5) stations in the range of 10-20mbgl. Only in 2 stations water level was observed beyond 20 mbgl. Majority of water level was recorded within 0-5mbgl. The minimum water level of ground level was recorded in Dhalai district. The maximum water level (9.03 mbgl) in dugwell and in piezometer (25.91 mbgl) had been recorded in Gomati district and in West Tripura district respectively.

6.1.4 Depth to water level during January 2021 (Fig. 8 and Annexure VI)

Arunachal Pradesh

During the month of January 2021, groundwater level in the state was recorded in 23.1% (6) of the monitored stations within 0-2 mbgl, in 53.85% (14) stations in the range of 2-5 mbgl, in 15.4% (4) stations in the range of 5-10 mbgl and only in 7.7% (2) GWMS in the range of 10-20mbgl. Both the minimum and maximum water levels of 0.07 magl and 13.47 mbgl had been recorded in Papumpare district.

Assam

Depth to water level scenario in the state during January 2021 indicate water level within 5mbgl (83.7%, 251 Nos.) in major part of the state. Depth to water level in the range of 0-2mbgl was recorded in 28.7%(86) stations, in the range of 2-5 mbgl in 55%(165) stations and in the range of 5-10mbgl in 13.3%(40) stations. Water level in the range of 10-20 mbgl was recorded in 8 (2.67%) stations and above 20mbgl in one station only. The minimum water level was recorded in Nagaon and Sibsagar district. The maximum water level of 20.82 mbgl had been recorded in East Karbi Anglong District.

Meghalaya

During the month of January 2021, water level in the range of 0-5 mbgl was recorded in 89.3% (50) of the monitored stations in the state. In 30.4% (17) stations, it was recorded in the range of 0-2 mbgl, in 58.93% (33) stations in the range of 2-5mbgl, and in 3.57% (2) stations in the range of 5-10mbgl. Water level in the range of 10-20mbgl was recorded only in 1 station and beyond 20mbgl was found in 3(5.36%) stations. The minimum water level (0.02mbgl) was recorded in Ri Bhoi district. The maximum water level (10.7 mbgl) in dugwell and in piezometer (42.24 mbgl) had been recorded in West Jaintia Hills district and in East Jaintia Hills district respectively.

Nagaland

During January 2021, water level in the state had been monitored only in Dimapur district. Water level was recorded in one well (9.1%) of the monitored stations within 0-2 mbgl, in 45.5% (5) stations in the range of 2-5mbgl, in 18.2% (2) stations in the range of 5-10mbgl and in 2 (18.2%) station in the range of 10-20 mbgl. Beyond 20mbgl water level is recorded in one well. The Minimum and the maximum water level recorded are 1.73 mbgl and 21.3 mbgl respectively.

Tripura

During the month of January 2021, water level in 17.8% (20) of the monitored stations in the state was recorded within 0-2 mbgl. Water level in the range of 2-5mbgl was found in 58.04% (65) stations, in the range of 5-10mbgl in 18.8% (21) GWMS and in 2.68%(3) stations in the range of 10-20mbgl. Water level above 20mbgl was found in 3 stations in West Tripura district. Majority of water level was recorded within 0-5mbgl. The minimum water level of 0.30 mbgl was recorded in Dhalai district. The maximum water level (8.05mbgl) in dugwells and in

piezometers (26.37 mbgl) had been recorded in South Tripura district and in West Tripura district respectively.

6.2 Water Level Fluctuation with respect to August 2020

6.2.1 Water Level Fluctuation; August 2020 and March 2020 (Fig. 9 and Annexure VII)

Arunachal Pradesh

Due COVID 19 pandemic, monitoring could be carried out only in Papumpare district for the month of August 2020. Rise in water level was observed in all the monitored stations during August 2020 as compared to that of March 2020. Rise had been recorded in 83.3% (5) stations in the range of 0-2 m and in 16.7% (1) stations in the range of 2-4 m. The rise was mostly restricted to 2m only.

Assam

Due to movement restriction imposed for COVID 19 pandemic, monitoring in very few districts of Assam could be carried out viz; Kamrup, Kamrup Metro, Morigaon, Lakhimpur and Nalbari. Rise in water level in August 2020 was observed in all the monitored stations in comparison to March 2020. Rise was recorded in 55.6% (10) stations in the range of 0-2 m, in 33.3% (6) stations in the range of 2-4 m and in 11.1% (2) stations above 4 m.

Meghalaya and Nagaland

Water level monitoring could not be taken up in Meghalaya and Nagaland state due to movement restrictions imposed by respective state governments.

Tripura

Stations located in Khowai, North Tripura, Sipahijala and South Tripura districts were only monitored during August 2020. Majority of the GWMS recorded rise in water level during the month of August 2020 in comparison to that of March 2020. Rise was observed in 62.1% (18) stations in the range of 0-2 m and in 27.6% (8) stations in the range of 2-4 m. Fall in water level was restricted to 2m only and was recorded in 10.3% (3) stations.

6.3 Water Level Fluctuation with respect to November 2020

6.3.1 Water Level Fluctuation; November 2020 and March 2020 (Fig. 10 and Annexure VIII)

Arunachal Pradesh

Comparison of water level of November 2020 and March 2020 indicates rise in 91.7% of the GWMS during November 2020. Rise was recorded in 66.7% (8) of the GWMS in the range of 0-2 m and in 1 (8.3%) stations in the range of 2-4 m and 16.7% (2) wells in above 4m range. Fall was recorded only in 1 (8.3%) station which may be due to rise in water level in March 2020 caused by pre-monsoon shower.

Assam

By comparing the water level of November 2020 with that of March 2020 it is found that rise was recorded in about 95% (192) of the GWMS. Rise was observed in 62.9% (127) stations in the range of 0-2 m, in 26.2% (53) stations in the range of 2-4 m and in 5.9% (12) stations beyond 4 m. Fall was recorded in 5% (10) stations. Entire fall was restricted to 2m. The fall may be due to rise in water level caused by the occurrence of pre-monsoon shower in certain parts of the state.

Meghalaya

Comparison of water level of November 2020 with that of March 2020 indicates rise in majority of the stations during November 2020. Rise was recorded in the range of 0-2 m in 67.4% (29) stations, in the range of 2-4 m in 21% (9) of the stations and above 4m in 7% (3) stations. Fall was recorded in one well each in 0-2m and 2-4m range.

Tripura

Most of the GWMS recorded rise in water level during November 2020 in comparison to March 2020. Rise in the range of 0-2m was recorded in 69.5% (73) stations, in 23.8% (25) stations in 2-4m and in 1.9% (2) stations in the range of above 4 m. Fall was observed in 4.8% (5) GWMS within the range of 0-2m.

6.4 Water Level Fluctuation with respect to January 2021

6.4.1 Water Level Fluctuation January 2021 and March 2020 (Fig. 11 and Annexure IX)

Arunachal Pradesh

By comparing the water levels of January 2021 with that of March 2020 it was found rise in 87.5% (21) of the the monitored stations during January 2021. Rise was recorded in 83.3% (20) stations in the range of 0-2 m and only in 1 (4.77%) stations in the range of 2-4m. Entire fall was within 2m. The fall observed may be due to rise in water level caused by of pre-monsoon shower during March 2020.

Assam

During January 2021 rise in water level was observed in majority of the stations in comparison to that of March 2020. Rise in the range of 0-2m was recorded in 72% (149) stations, in the range of 2-4 m in 6.7% (14) stations and in 2 (0.9%) stations beyond 4m.

Fall in water level was observed in 17.4% (36) of the GWMS in the range of 0-2 m and in 1.9% (4) station in the range of 2-4 m and in 2 (0.97%) stations above 4m.

Meghalaya

By comparing the water levels of January 2021 with March 2020 it was observed rise in majority (91.3%) of the stations during January 2020. Fall was recorded only in 4 (9.76%) stations. Entire fall was within 2m. Rise was observed in 65.9% (27) stations in the range of 0-2 m, in 22% (9) stations in the range of 2-4m and only in one station above 4m.

Nagaland

Comparison of water levels of Dimapur district for January 2021 and March 2020 could be compared for two stations only due to paucity of data. Both stations indicate rise; one station in the range of 0-2m and the other above 4m.

Tripura

Comparison of water levels of January 2021 and March 2020 indicates rise during January 2021 in 89.5% (22) monitored stations. Rise was observed in 79.8% (83) stations in the range of 0-2 m, in 7.7% (8) stations in the range of 2-4m and only in one station above 4m. Fall was recorded in 12 (11.5%) stations, all in the range of 0-2m.

6.5 Fluctuation of Water Level with respect to same month of the previous year

6.5.1 March 2019 and March 2020 (Fig. 12 and Annexure X)

Arunachal Pradesh

Comparison of water levels of March 2019 and March 2020 indicated fall in 75% (15) stations in the state in March 2020. Rise was observed in 25% (5) stations. Rise was observed in 20% (4) stations in the range of 0-2 m and in 5% (1) stations in the range of 2-4m. Fall was observed in 50% (10) stations in the range of 0-2 m, in 15% (3) stations in the range of 2-4m and only in 2 (10%) station above 4m.

Assam

Rise in water level in 55.2% (106) stations of the state was observed during March 2020 in comparison to that of March 2019. In 49.5% (95) stations showing rise was recorded in the range of 0-2 m, in 4.7% (9) stations in the range of 2-4 m and in 1% (2) stations above 4 m. In total, 44.8% (86) stations indicated fall; of which 43.3% (83) are within 2m, and one in each in 2-4m and above 4m range.

Meghalaya

Comparison of water level of March 2020 with that of March 2019 indicate rise during March 2020 in 70.3% (26) of monitored stations and 29.7% (11) stations show falling trend.

All the fall (29.23%, 11) had been found within 2m. Rise in 62.2% (23) stations are in 0-2m range and 8.1% (3) stations show rising trend in 2-4m range.

Nagaland

Comparison of water levels of March 2020 of Dimapur district with that of March 2019 was done only in two stations and both indicate fall during March 2020. One station shows fall in 0-2m range and the other shows fall above 4m.

Tripura

Fall in water level in major part 73.1% (68) stations of the state was observed during March 2020 in comparison to that of March 2019. In 65.6% (61) stations fall was recorded in the range of 0-2 m, in 6.1% (6) stations in the range of 2-4 m and in 1.1% (1) stations above 4 m. In total, 26.9% (25) stations indicated rise; all of which are within 2m.

6.5.2 August 2020 and August 2019 (Fig. 13 and Annexure XI)

Arunachal Pradesh

Due to COVID 19 restrictions, monitoring was restricted in Papum Pare district only. Comparison of water levels of August 2020 and August 2019 indicates rise during August 2020 in 83.3% (6) stations. Rise in the range of 0-2m was observed in all the stations. Fall was recorded in 16.7% (1) stations in the range of 0-2m.

Assam

Due to COVID 19 monitoring was restricted to parts of Baksa, Darrang, Kamrup, Kamrup (Metro), Lakhimpur, Morigaon, Nagaon and Udalguri Districts only. By comparing the water levels of August 2020 with August 2019 it was observed rise in 75.6% (31) stations of the state during August 2020. In 73.2% (30) stations fall was recorded in the range of 0-2m and in 2.4% (1) station in the range of 2-4 m. Fall in water level was observed in 24.4% (10) stations all in the range of 0-2m. Both rise and fall had been observed in most of the district.

Meghalaya and Nagaland

Water level monitoring could not be taken up in Meghalaya and Nagaland state due to movement restrictions imposed by respective state governments Nagaland

Tripura

Monitoring for August 2020 was done for parts of Khowai, North Tripura, Sipahijala and West Tripura districts. Comparison of water levels of August 2020 and August 2019 indicates rise in water level in major part (66.7) of the state during August 2020 and all the stations are in the range of 0-2m. Fall was recorded in 33.4%(8) stations of which 29.2% (7) in the range of 0-2m and in 4.2%(1) stations in the range of 2-4m

6.5.3 November 2020 and November 2019 (Fig. 14 and Annexure XII)

Arunachal Pradesh

By comparing the water level of November 2020 and November 2019 it was observed rise in most of the monitored stations of the state during November 2020. In 75% (9) of the GWMS, rise was recorded and in 25%(3) of the stations fall was recorded. Entire rise and fall were within 2m.

Assam

In November 2020 rise in water level was observed in the state in comparison to that of November 2019 in 75.8%(169) stations. Rise in the range of 0-2 m was recorded in 73.1%(163) stations, in the range of 2-4 m was recorded in 2.2% (5) stations and above 4m range rise was recorded only in one station. Fall was observed in 24.2%(54) stations of which 22% (49) stations are in range of 0-2m and five stations (2.2%) are in 2-4m range.

Meghalaya

In comparison to November 2019, rise in water level was recorded in 74.6%(44) monitored stations during November 2020. Rise was observed in the range of 0-2 m in 64.4% (38) stations and 5.1%(3) stations each in the range of 2-4 m and above 4m range. Fall was recorded in 25.4%(15) stations all in the range of 0-2m.

Nagaland

During November 2020 rise in water level was observed in all (10) of the monitored stations in Dimapur district of the state in comparison to November 2019. Rise was within the range of 0-2m.

Tripura

Comparison of water levels of November 2020 and November 2019 indicated rise in major part of the state during November 2020. In total, rise was recorded in 87.2%(82) stations. Rise was

observed in 85.1% (80) stations in the range of 0-2 m and in 2.1% (2) stations in the range of 2-4 m. Total fall was recorded in 12.8% (12) stations of which 11.7% (11) stations are in the range of 0-2m and one well is above 4m range.

6.5.4 January 2021 and January 2020 (Fig. 15 and Annexure XIII)

Arunachal Pradesh

Rise in water level during January 2021 had been observed in most of the stations of the state in comparison to January 2020 data. Rise was observed in 66.7% (16) stations and fall in 8 (33.4%) stations. In 62.5% (15) stations show rise in 0-2m range and only one well show rise in 2-4m range. Fall was observed in 29.2% (7) stations in 0-2m range and one station show fall in 2-4m range.

Assam

In January 2021 rise in 46.5% (112) stations and fall in 53.6% (129) stations were observed in comparison to that of January 2020. In 43.2% (104) stations rise was found in the range of 0-2 m, in 5 (2.1%) stations in the range of 2-4 m and in 3 (1.24%) stations above 4m. Fall was observed in 48.9% (118) stations in the range of 0-2m, in 7 (2.9%) stations in the range of 2-4m and in 4 (1.7%) stations above 4m.

Meghalaya

In comparison to January 2020, rise in water level was recorded during January 2021, in major part of the state. In 61.1% (33) of the stations rise was observed; of which 53.7% (29) stations was in the range of 0-2 m, in 3 (5.6%) stations in the range of 2-4 m and one station above 4m range. Fall was observed in 21 (38.9%) stations all in the range of 0-2 m.

Nagaland

By comparing the water level of January 2021 and January 2020, it was observed fall in most of the stations (7 Nos, 70%) in Dimapur district of the state during January 2021. Fall in the range of 0-2m was recorded in 50% (5) stations and in the range above 4m in 20% (2) stations. Rise was observed in 3 (30%) stations; 1 station each in the range of 0.2m, 2-4m and above 4m.

Tripura

A total of 100 wells were analysed. Rise in water level was recorded in major part of the state during January 2021 in comparison to January 2020. Rise in the range of 0-2m was recorded in 57% (57) stations and in the range of 2-4m in one station. The fall in water level was recorded in 40% (40) stations in the range of 0-2m and 2 (2%) stations in the range of 2-4m.

6.6 Fluctuation of Water level with respect to Decadal Mean (Preceding 10 Years)

Water level of a Ground Water Monitoring Stations of the monitored months are compared with the mean water level data of preceding ten years to know any deviation i.e., rise and fall in long term water level trend.

6.6.1 March 2020 and Decadal Mean March 2010-2019 (Fig. 16 and Annexure XIV)

Arunachal Pradesh

March 2020 water level had been compared with mean water level data of the same period of preceding 10 years. Rising trend was observed in 41.2% (7) stations, of which all the stations were in the range of 0-2 m. Declining trend was also observed only in the range of 0-2 m, in 58.8% (10) stations. The maximum rising & falling water level trends are 0.89 m and 1.59 m respectively and had been recorded in Papumpare and Changlang district.

Assam

Comparison of March 2020 water level with mean water level data of the same period of preceding 10 years indicate rising trend in 51.5% (86) stations in the range of 0-2 m and in 6.6% (11) stations in the range of 2-4 m. Falling trend was observed in 39.5% (66) stations in the range of 0-2, in 1.8% (3) stations in the range of 2-4 m and in 1 (0.6%) station above 4m. In total, rising trend was observed in 58.1% (97) of the monitored stations. The rising trend ranges from 0.01 to 3.9 m and the declining trend ranges from 0.03 to 7.39 m. The maximum rising trend and declining trend had been recorded in Hailakandi and East Karbi Anglong District respectively. Declining trend beyond 4m had been observed in one station at East Karbi Anglong district.

Meghalaya

March 2020 water level had been compared with mean water level data of the same period of preceding 10 years. In total, declining water level trend was observed in 58.6% (17) monitored stations of the state; of which 55.1% (16) stations were in the range of 0-2m and one station is in the range of 2-4m. Rising water level trend was observed in 41.4% (12) stations. Entire rising trend was recorded in the range of 0-2 m. The rising trend ranges from 0.07 to 1.41m and the declining trend ranges from 0.01 to 2.32m. The maximum rising and declining trend had been recorded in East Garo Hills and North Garo Hills district respectively..

Nagaland

In March 2020, only one station was analysed in Dimapur district of the state which show falling water level trend in comparison with the mean water level data of the same period of preceding 10 years. The range of decline was 2-4m.

Tripura

Comparison of March 2020 water level data with the mean of the same period of preceding 10 years indicated both rising and falling trend in all the districts. Rising trend was in 41.9% (13) stations are in the range of 0-2 mbgl. Falling trend was recorded in 54.8% (17) stations in the range of 0-2m and in one station trend was above 4m. The rising trend ranges from 0.01 to 1.45m. The declining trend was found between 0.02 to 5.26m. The maximum rising trend was recorded in Gomati district.

6.6.2 August 2020 and Decadal Mean August 2010-2019 (Fig. 17 and Annexure XV)

Arunachal Pradesh

August 2020 water level of only Papumpare district had been compared with mean water level data of the same period of preceding 10 years. Both rising and falling trend was recorded in the district. Rising trend was observed in August 2020 in 80% (4) stations. The rise ranges from 0.01 to 0.98 m. Falling trend was observed in one station.

Assam

August 2020 water level had been compared with the mean water level of the same period of preceding 10 years and it was observed rising trend in water level in 68% (21) stations in the range of 0-2 mbgl and in 3.2% (1) station in the range of 2-4m. Falling trend was recorded in 29% (9) stations in the range of 0-2m. The maximum rising (3.42 m) and the maximum falling water level (0.94m) had been recorded in Udalguri and Darrang district respectively.

Meghalaya and Nagaland

Due to COVID 2019 pandemic, Water level monitoring could not be taken up in Meghalaya and Nagaland state due to movement restrictions imposed by respective state governments.

Tripura

In August 2020, only in Khowai, Sipaahijala and West Tripura districts were monitored. Both rising water level trend was observed in the state in comparison to the mean water level of the same period of preceding 10 years. Rising trend was in 33.3% (5) stations are in the range of 0-2 mbgl and one station show rising trend in the range of 2-4m. Falling trend was recorded in 60% (9) stations in the range of 0-2m. The declining trend ranges from 0.05 to 0.86m. The rising water level trend ranges from 0.04 to 2.66m; the maximum value was recorded in West Tripura district.

6.6.3 November 2020 and Decadal Mean November 2010-2019 (Fig.18 and Annexure XVI)

Arunachal Pradesh

November 2020 water level of only Changlang, East Siang and Papumparedistricts had been compared with mean water level data of the same period of preceding 10 years. Rise was recorded in 90% (9) stations and only one station show falling trend. All the rising trend and falling trend had been found restricted to 2m. The rise ranges from 0.42 to 0.94m. The maximum rising and the falling trend in water level had been recorded in Papumparedistrict.

Assam

Comparison of November 2020 water level with mean of the same period of preceding 10 years indicate rising trend in 77.9%(152) GWMS. Rise in the range of 0-2m was recorded in 75.8%(147) stations, in the range of 2-4m in 2.1%(4) stations and only in 1 station above 4m. Declining water level was observed in 20.6%(40) stations in the range of 0-2m and only in 2 (1.0%) station in the range of 2-4m. Most of the rising and declining trends had been found within 2m. The rise ranges from ground level to 6.37 m and the fall ranges from 0.01 to 2.02 m. The maximum rising and the falling trend in water level had been recorded in Dhubri and Kokrajhardistrict respectively.

Meghalaya

Comparing November 2020 water level with mean of the same period of preceding 10 years it was found that 54.2%(13) GWMS indicated rising trend and 45.83% (11) GWMS show falling trend in water level during November 2020. Entire fall (45.8%) was found within 2m. Rise was recorded in 50%(12) stations in the range of 0-2m and only in 1(4.2%) station in 2 to 4m range. The rising and declining trend ranges from 0.07 to 2.38m and 0.01 to 1.49 m respectively. The maximum rising and declining trend in water level had been recorded in West Garo Hills and North Garo Hills district respectively.

Nagaland

Three stations of Dimapour district was analysed for November 2020. Comparison of November 2020 water level with mean water level data of the same period of preceding 10 years indicated both rising and falling trend. One well showed rising trend in the range of more than 4m and in the remaining two wells, one well showed falling in 0 to 2m and the other in 2 to 4m range.

Tripura

November 2020 water level had been compared with mean water level data of the same period of preceding 10 years and it was observed that 74.3% (29) stations indicated rise and 24.5% (10) indicate falling trend. Fall was recorded in 20.5%(8) stations in the range of 0-2m, and one

well (2.6%) in each 2-4m and above 4m range. Rise had been recorded in 69.2% (27) stations in the range of 0-2m and in 5.1% (2) station in the range of 2-4m. The rising and declining trend range from 0.12 to 3.27 m and 0.03 to 5.53 m respectively. The maximum rising and declining trend in water level had been recorded in West Tripura and Dhalai district respectively.

6.6.4 January 2021 and Decadal Mean, January 2011-2020 (Fig.19 and Annexure XVII)

Arunachal Pradesh

January 2021 water level had been compared with mean water level data of the same period of preceding 10 years. It was observed falling trend in 35.3% (6) of the monitored stations during January 2021 and in the range of 0-2m. All the rising trend was recorded within 2m and in 64.7% (11) stations. The maximum rising trend of 0.87 m and maximum falling trend of 1.81 m had been recorded in Papumpare district.

Assam

Comparison of January 2021 water level with mean of the same period of preceding 10 years indicate rising trend in 68.3% (150) stations during January 2021. Rise in the range of 0-2m was recorded in 66% (145) stations and in the range of 2-4m in 5 (2.3%) stations. Declining trend was observed in 28% (62) stations in the range of 0-2m, in 2.7% (6) stations in the range of 2-4m and 1% (3) is in more than 4m range. Most of the rising and declining trend had been found within 2m. The maximum rising (3.33m) and the falling trend (5.15 m) in water level had been recorded in Udalguri and Sonitpur district respectively. Rise and fall occur nearly in all the districts except in Chirang where rising trend shows and in Dhemaji which shows falling trend.

Meghalaya

Comparing January 2021 water level with mean of the same period of preceding 10 years it was found that 66.6% (20) stations indicated rising trend in water level during January 2021. In 33.3% (10) stations, decline was recorded in the range of 0-2m. The rising trend was observed in 63.3% (19) stations in 0 to 2m and only in 1 station in the range of 2-4m. The maximum rising (3.81m) and declining trend (1.58 m) in water level had been recorded in West Garo Hills district and Ri Bhoi district respectively.

Nagaland

Comparison of January 2021 water level with mean water level data of the same period of preceding 10 years had been carried out for Dimapur district only. Rise in water level was recorded in 56% (5) stations in 0-2m and one (11.1%) station found above 4m range. The falling trend had been found in three (33%) stations in Dimapur district.

Tripura

January 2021 water level had been compared with mean water level data of the same period of preceding 10 years and it was observed that 55.7%(24) stations indicated rise in January 2021. Rise was recorded in 53.4%(23) stations in the range of 0-2m and only in one (2.3%) station in the range of 2-4m. The falling trend had been found in the range of 0-2m in 41.9% (18) stations and only in one station in the range of 2 to 4m. Both the maximum rising of 3.44m and declining trend of 2.93m in water level had been recorded in West Tripura district. Rise and fall had been observed in parts in all the district.

6.7 Ground Water Level Trend (2010-2020), Pre Monsoon

The historical water level data of GWMS have been analysed for determining long term water level trends for the period, 2010-2020. A total number of 563 stations have been analysed for pre-monsoon water level trends. The frequency of stations showing rising or falling trend during pre-monsoon period is given in Annexure-XVIII. State-wise analysis is as follows.

6.7.1 Arunachal Pradesh

Water level data of 25 stations have been analysed for pre-monsoon water level trend. Out of these, 17 stations show rising trend ranging from 0.008 to 0.459m/year whereas, 8 stations show falling trend ranging from 0.02 to 0.925m/year. The maximum fall is observed in East Siang district. Significant decline in water level trend has not been observed in the state.

6.7.2 Assam

Water level data of 343 stations have been analysed for pre-monsoon water level trend. Out of these, 190(55.40%) stations show rising trend ranging from 0.003 to 2.33m/year and 153 (44.60 %) stations show declining trend ranging from 0.002 to 1.889m/year. Both rising and falling trends of water level have been observed all over the state.

The rising trend above 0.20m/year was observed in 48 stations in the state. The falling trend beyond 0.20 m/yr has been observed in 19 stations. The maximum falling trend has been observed in Cachar district.

6.7.3 Meghalaya

Data of 60 stations have been analysed for pre-monsoon water level trend. Out of these, 26 stations show rising trend ranging from 0.002 to 0.582m/year and 34 stations show declining trend ranging from 0.002 to 1.917m/year in dugwells. Most of the rising and declining trends have

been restricted below 0.2m/year except in few stations. In piezometers the range of rising and declining trends has been observed as 0.305 to 0.323m/year and 0.02 to 1.454m/year respectively.

6.7.4 Nagaland

Data of 30 stations have been analysed for pre-monsoon water level trend. Out of these, 24 stations show rising trend ranging from 0.029 to 2.312m/year whereas, 6 stations show falling trend ranging from 0.02 to 0.51m/year.

6.7.5 Tripura

Analysis for ground water level trend of Tripura state has been done for 105 stations for pre-monsoon period. Out of these, 52 stations show rising trend and 53 stations show declining trend. The rising trend ranges from 0.002 to 2.264 m/year and the declining trend was observed in the range of 0.001 to 1.726m/year. Both the maximum decline and maximum rise have been observed in South Tripura district.

6.8 Ground Water Level Trend (2010-2020), Post Monsoon

The historical water level data of GWMS have been analysed for determining long term water level trend for the period, 2010-2020. Water level data of 569 stations have been analysed for postmonsoon water level trend. The frequency of stations showing rising or falling trends of water levels during post-monsoon period is given in Annexure-XIX. State-wise analysis is as follows.

6.8.1 Arunachal Pradesh

Data of 26 stations have been analysed for post-monsoon water level trend. Out of these, 18 stations show rising trend ranging from 0.039 to 0.988/year whereas, 8 stations show falling trend ranging from 0.02 to 0.925m/year. The maximum fall has been observed in Tirap district. The declining water level trend observed is not significant.

6.8.2 Assam

Data of 346 stations have been analysed for post-monsoon water level trend. Out of these, 217(62.72%) stations show rising trend ranging from 0.001 to 2.33m/year and 129(37.28%) stations show falling trend ranging from 0.001 to 1.117 m/year. Both rising and falling trends have been observed all over the State.

The rising trend above 0.20 m/year has been observed in 55 stations in the State. The fall beyond 0.20 m/yr has been observed in 15 stations. The maximum falling trend has been

found as 1.117m/year in Kamrup (Metro) district. A general rise in water level has been observed in the post monsoon period.

6.8.3 Meghalaya

Water level data of 62 stations have been analysed for post-monsoon water level trends. Out of these, 36 stations show rising trend in range from 0.007 to 2.513m/year and 26 stations show declining trend in the range of 0.001 to 0.428 m/year. Most of the rising and declining trends have been restricted below 0.2m/year.

6.8.4 Nagaland

Data of 29 stations have been analysed for post-monsoon water level trend. Out of these, 24 stations show rising water level trend ranging from 0.033 to 2.428 m/year. In 5 stations falling trend ranging from 0.011 to 0.51m/year has been observed. The maximum fall is observed in Tuensang district.

6.8.5 Tripura

Data of 106 stations have been analyzed for post-monsoon water level trends for the state of Tripura. Out of these, 68 stations show rising trend and 38 stations declining trend. The rising trend was in the range of 0.001 to 2.264 m/year and the declining trend in the range of 0.001 to 1.127m/year. Maximum declining and maximum rising trends have been observed in South Tripura district. Most of the rise and decline have been recorded below 0.20m/year.

6.9 Area under water logged and prone to water logging conditions (Fig.20 and Fig.21)

Water logging conditions prevail in many places of the North Eastern States. Water level in phreatic condition is found to occur mostly within 5.0 mbgl throughout the year. Water levels within 3.00 mbgl are recorded in 30.3% (92) stations during premonsoon and in 69.74% (212) stations during post-monsoon period. Shallow water level conditions in the region occur due to high rainfall recharge and poor ground water draft from shallow aquifers. Low ground water gradient in valley areas results in water logging conditions. Maps showing areas under water logged and prone to water logging conditions have been prepared (Fig. 20 and 21) for both pre- and post-monsoon.

Water Logged Area and Area prone to water logging condition:

Water logged area is demarcated based on depth to water levels within 2.0 mbgl. Prone to water logging areas are demarcated with depth to water level from 2-3mbgl. During pre-monsoon period (March 2020), 51.8% (73) stations show water logging condition, whereas

48.2% (68) stations show prone to water logging condition in Pre-monsoon. During post monsoon period (November 2020), 71.2% (242) stations show water logging condition and 28.8% (98) stations show prone to water logging condition. During Pre-monsoon period water logged and prone to water logging areas have been observed in Biswanath Chariali, Bongaigaon, Dhemaji, Dhubri, Goalparta, Jorhat, Lakhimpur, Morigaon, Nagaon, Morigaon, Tinsukia, Sibsagar, Sonitpur and in one location of Kamrup (Metro) district of the Brahmaputra valley. In major parts of Cachar, Hailakandi and Karimganj district of Barak valley waterlogging condition was observed. Water logged and prone to water logging areas have been observed in districts of East Siang, Lohit, Lower Subansiri and Papumpare in Arunachal Pradesh. In the state of Meghalaya, East Garo Hills, East Khasi Hills, Ri Bhoi, South West Garo Hills, West Garo Hills and West Jaintia Hills district show Water logged and prone to water logging areas in pockets. Dhalai, Gomati, Khowai, North Tripura, Sipahi-Jala, South Tripura, Unakoti and West Tripura district of Tripura show Water logged and prone to water logging areas.

During post-monsoon period (November 2020), water logged and prone to water logging conditions have been observed in almost all the districts of Assam and in parts of Changlang, East Siang, Lower Subansiri and Papumpare districts in Arunachal Pradesh. In Meghalaya and Tripura also, in all the districts shallow water levels in pockets have been observed. Out of 340 analysed stations, water level in the range 0-2 mbgl had been recorded in 242 (71.2%) stations and in the range of 2-3 mbgl in 98 (28.8%) stations. Remaining stations, most of which are located near inselbergs or in hard rock areas or in foothills show water levels above 3 mbgl.

It is observed that in both pre and post monsoon periods, a large part of the alluvial area in the region show water level in the range of 0 to 3 mbgl (Fig 20 and 21). Occurrence of water logging conditions in the region is due to high rainfall, shallow water level and a poor ground water draft in vast flood plains of the Brahmaputra and Barak river system.

7. HYDROCHEMISTRY

Chemical quality of ground water is being monitored every year for temporal and spatial changes and to study their causes. Water samples are collected in the month of March (pre-monsoon) and November (post monsoon) every year. Water quality standards for drinking use and the overall chemical quality of ground water of North Eastern region for the year 2020-2021, are shown in **Annexures – XX**.

The chemical constituents analyzed were compared with the standard values given by BIS (IS 10500:2012). The minimum and maximum values of iron (Fe) and 16 basic constituents of ground water in North Eastern region for the pre-monsoon period (March, 2020) are presented in Table 5.

Table – 5 Chemical qualities of ground water samples of NE-region (Pre-Monsoon, 2020) showing the maximum and minimum values vis-à-vis drinking water standards (IS 10500:2012)

S. No.	1		2		3		4		5		IS 10500:2012	
State	Arunachal Pradesh		Assam		Meghalaya		Nagaland		Tripura		Acceptable limit	Permissible limit*
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
pH	6.52	8.04	3.97	9.08	4.41	8.20	8.09	8.20	3.42	9.24	6.5-8.5	6.5-8.5
Turbidity, NTU	0.10	0.30	0.10	0.50	BDL	0.10	BDL	0.10	0.10	0.50	1.0	5
EC ($\mu\text{S}/\text{cm}$) 25°C	34.15	507.70	27.59	1481.00	50.86	465.10	344.00	346.60	43.39	2107.00	-	-
TDS	17.79	481.40	13.67	769.30	27.90	238.90	165.30	169.00	21.45	1035.00	500	2000
Carbonate alkalinity as CaCO ₃	BDL	BDL	3.00	33.00	BDL	BDL	BDL	BDL	9.00	33.00	-	
Bicarbonate alkalinity as CaCO ₃	30.52	189.25	12.21	744.80	18.31	152.62	115.99	115.99	6.10	1330.86	-	
Total alkalinity as CaCO ₃	30.52	189.25	12.21	744.80	18.31	152.62	115.99	115.99	6.10	1330.86	200	600
Chloride	14.18	116.99	7.09	347.41	7.09	85.08	77.99	81.54	7.09	145.35	250	1000
Sulphate	4.47	77.24	0.22	198.38	3.26	91.02	46.74	49.06	2.93	103.87	200	400
Nitrate	0.08	10.69	0.00	28.40	0.23	13.66	BDL	BDL	0.09	10.26	45	No relaxation
Flouride	0.04	0.27	0.01	2.40	0.04	0.41	0.20	0.21	0.03	10.20	1	1.5
Calcium (as Ca)	6.00	42.03	4.00	209.92	4.00	159.98	8.01	8.01	4.00	42.03	75	200
Magnesium (as Mg)	2.41	27.91	1.20	75.24	1.21	38.83	21.84	21.84	2.42	40.04	30	100

Total Hardness (as CaCO₃)	35.00	170.00	25.00	475.00	25.00	190.00	110.00	110.00	25.00	205.00	200	600
Sodium	10.46	57.92	1.90	234.06	2.57	42.86	39.64	47.35	3.05	467.12	-	
Potassium	1.50	32.92	0.86	87.46	0.53	22.89	20.33	25.16	0.82	33.00	-	
Iron	0.008	12.979	0.002	11.616	0.074	2.567	1.150	1.162	0.020	10.067	1.0	No relaxation

Table – 6 Chemical qualities of ground water samples of NE-region (2020) showing themaximum and minimum values of Trace metals and uranium vis-à-vis drinking water standards (IS 10500:2012)

S. No.	1		2		3		4		5		IS 10500:2012	
State	Arunachal Pradesh		Assam		Meghalaya		Nagaland		Tripura		Acceptable limit	Permissible limit*
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
Chromium	BDL	0.0017	0.0005	0.0177	0.0005	0.0065	BDL	BDL	0.0005	0.1848	0.05	No relaxation
Manganese	0.0011	1.0017	0.0005	6.3186	0.0085	2.1205	0.4231	0.4343	0.0060	4.4068	0.1	0.3
Nickel	0.0005	0.0102	0.0004	0.0789	0.0008	0.0586	0.0026	0.0032	0.0005	0.0865	0.02	No relaxation
Copper	0.0011	0.0079	0.0005	0.0450	0.0012	0.0349	0.0296	0.0319	0.0005	0.0593	0.05	1.5
Zinc	0.0059	2.6732	0.0094	4.9695	0.0217	2.9321	0.0971	0.1125	0.0054	0.7266	5	15
Arsenic	0.0054	2.8941	0.0014	71.293	0.0068	1.4530	0.3682	0.4044	0.0340	4.5727	10	No relaxation
Selenium	0.0009	0.1140	0.0015	3.4914	0.0117	1.0726	0.0075	0.0087	0.0013	1.3502	10	-do-
Silver	BDL	BDL	0.0009	0.0710	0.0024	0.1571	0.0005	0.0005	0.0044	0.4754	100	-do-
Cadmium	0.0028	0.1544	0.0015	0.8682	0.0111	0.1492	0.0619	0.0897	0.0018	0.8801	3	-do-
Lead	0.0094	2.2182	0.0021	18.328	0.0366	5.5352	0.0613	0.1130	0.0002	6.6137	10	-do-
Uranium	0.0006	0.2574	0.0011	8.0086	0.0007	0.2761	0.0501	0.0530	0.0008	0.4888	30**	-do-

In North-Eastern region, both the maximum (9.24 in Khowai district) and minimum (3.42 in North Tripura) values of pH are recorded in Tripura. Also, in Assam, the maximum pH (9.08 in Barpeta district) is beyond the permissible limit. The turbidity of the groundwater samples from all these five North-Eastern states is well below the BIS prescribed limits. In the case of Total Dissolved

Solids, the level is within the permissible limit in Arunachal Pradesh, Meghalaya and Nagaland. However, in Assam, the maximum TDS recorded is 769.30 mg/L, and in Tripura, it is 1035.00 mg/L which are beyond the acceptable limit. Total Alkalinity have been found within permissible limit in Arunachal Pradesh, Meghalaya, and Nagaland but beyond limit in few samples of Assam (744.80 mg/L) and Tripura (1330.86 mg/L). Chloride concentration is below the permissible limit in most of the locations except in Assam where the maximum value is 347.41 mg/. Presence of fluoride in higher concentration has been pockets in Assam and Tripura. In Assam maximum value of 2.4mg/L have been found in Kamrup district and in Tripura maximum value of 10.2mg/L have been found in Khowai District. Calcium is within the permissible limit in all the states, except in Assam where maximum value of calcium is 209.92mg/L. In case of magnesium, although the values in all the states are below the BIS permissible limit, Assam, Meghalaya and Tripura have samples with magnesium content above the acceptable limit. Total hardness in all the locations are within permissible limit. The concentration of other basic parameters viz. sulphate, nitrate, sodium and potassium in groundwater samples of the North-Eastern states are within the prescribed limits.

Iron contamination in groundwater is found to be prevalent in North East. All the North-Eastern states depict the higher concentration of iron. The maximum concentration of iron is observed in Arunachal Pradesh (12.97 mg/L in Papum Pare district), the second highest state being Assam (11.61 mg/L in Cachar district).

Further details of the basic constituents and iron analysed in groundwater samples collected during March 2020 and November 2020 are shown in **Annexure XX**.

Table 6 shows the minimum and maximum values of 10 heavy metals constituents (chromium, manganese, nickel, copper, zinc, arsenic, selenium, silver, cadmium and lead) along with radioactive uranium of groundwater in the North-Eastern region. Data of heavy metals and Uranium in groundwater samples collected during March 2020 and November 2020 are shown in **Annexure XXII**. Chromium concentration in groundwater samples are below the permissible limit for all the North-Eastern states. However, in the Gomati district of Tripura, it is found that the maximum value of chromium is 0.18 mg/L which is above the BIS acceptable limit. Manganese is found to exceed the BIS drinking water permissible limit of 0.30 mg/L in all the North-Eastern states. The maximum value is found in Assam (6.31 mg/L in Nagaon district) followed by Tripura (4.40 mg/L in North Tripura), Meghalaya (2.12 mg/L in SW Garo Hills), Arunachal Pradesh (1.00 mg/L in Papum Pare district) and lastly Nagaland (0.43 mg/L in Dimapur district). Nickel content in groundwater of Assam, Meghalaya and Tripura are found to have values above acceptable limit, which are 0.07 mg/L in Tinsukia district of Assam, 0.05 mg/L in West Garo Hills in Meghalaya and

0.08 mg/L in Khowai district of Tripura. Copper concentration in groundwater samples of north eastern region are below the permissible limit. However, the sample from the Gomati district (0.059 mg/L) of Tripura shows copper content slightly above the acceptable limit of 0.05 mg/L. Apart from Assam, arsenic concentration in groundwater samples of all other states is well below the permissible limit. In Assam, the maximum arsenic content in groundwater samples recorded is 71.29 µg/L in the Cachar district. Lead concentration is within the limit in all the state except in Assam where, the maximum lead content is 18.32 µg/L in Cachar district. The concentration of the rest of the heavy metals viz. zinc, selenium, silver and cadmium in groundwater samples are within limit. Radioactive uranium concentration in samples of North Eastern states is also found to be well below the maximum permissible limit.

Details of the basic constituents of water samples collected from GWMS of Kamrup urban during March 2020 are shown in **Annexure XX(i)** and heavy metal (iron and arsenic) along with radioactive uranium are shown in **Annexure XXII (i)**. All the basic parameters except fluoride are below the prescribed BIS drinking water limits. Arsenic and radioactive uranium content in the groundwater samples from Kamrup urban are below the permissible limits while iron value slightly exceeds the prescribed limit of 1.00 mg/L.

8. CONCLUSIONS

1. Seven states viz. Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura together form North Eastern Region occupying a geographical area of 2,55,083 sq. km. Most of the States are being hilly, only 30% of the total region is plain area. Assam is the only State in the region, which is occupied by 73% of plain area. In the Region, 624 stations are being monitored of which 385 are in Assam.
2. Geologically, the region is underlain by different formations, ranging in age from Archaean to Recent. More than 90% of the aquifers in the region belong to the Recent Alluvium and Tertiary Sandstones.
3. Hydro-geologically, the area is divided into Unconsolidated, Semi-consolidated and Consolidated Formations. In the entire area, about 31% area is covered by Unconsolidated Formations. Ground water occurs in unconfined to confined conditions. Major parts of Manipur, Nagaland, Mizoram, Tripura, parts of Arunachal Pradesh, Meghalaya and southern part of Assam States are underlain by Semi-consolidated Formations of Tertiary sandstone. In Consolidated Formations, ground water is restricted to the weathered residuum, joints and fractures.
4. During the year, 2020-21, the general depth to water level scenario in the region in March, 2020, depicts water level within 5.0 mbgl, in 72.3%, i.e. 292 stations show a depth range of 0 to 5 mbgl, out of which about 18.3% of the stations indicated water level within 2 mbgl and 54.8% stations between 2 and 5 mbgl. 86 (21.2%) stations recorded water level between 5 and 10 mbgl, most of which are located near the inselbergs. Water levels ranging between 10 and 20 mbgl were observed in 19(4.5%) stations in East Siang, Lower Dibang Valley and Papumpare district of Arunachal Pradesh, Dhubri, East Karbi Anglong, Nagaon and Sibsagar district of Assam, Dimapur in Nagaland and piezometers of Gomati, Khowai, South Tripura and West Tripura district of Tripura. In 7 (1.2%) of Ground Water Monitoring Stations i.e. piezometers of East Khasi Hills, East Jaintia and Ri-Bhoi district of Meghalaya and in West Tripura district water level was recorded at depths beyond 20m.
5. The water level during post-monsoon period (November 2020) was mostly recorded in the range of 0 to 5 mbgl. Water level within 5 mbgl has been recorded in 423(89.6%) stations, out of which, 243 (52%) stations recorded water level within 2 mbgl and 182 (37.6%) stations record water levels from 2 to 5 mbgl. Water level in the range of 5 to 10 mbgl was recorded in 36 (7.3%) stations and in 10 (2.2%) stations in the range of 10 to

20mbgl. In 4 (0.9%) piezometers of East Jaintia Hills and Ri Bhoi districts of Meghalaya and West Tripura in Tripura water level beyond 20mbgl was observed.

6. In comparison to pre-monsoon, during post monsoon rise in water level within 4 m had been recorded in 307(81.2%) stations. Rise was recorded within 2 m in 278 (88.8%) stations and in the range of 2 to 4m in 31 (9.9%) stations. In 6 (1.9%) stations rise in water level above 4m had been observed. In 64 (16.9%) stations fall in water level was observed, out of that 57 (89%) stations indicated fall in the range of 0 to 2 m, in 4 (6.3%) stations from 2 to 4m and in 2 stations above 4m. The reverse ground water scenario occurs at few places due to sufficient pre-monsoon shower resulting considerable rise in water level during pre-monsoon and at some places due to scanty and erratic rainfall received during monsoon period of 2020.
7. Water level monitored during March 2020 was compared with mean water level data of preceding 10 years. The compared result indicates, in general, a rise in 130 (52.5%) stations and fall in 118(47.5%) monitored stations. Rise within 2 m have been observed in 119 (91.5%) stations and in the range of 2 to 4m in 11 (8.5%) stations. Fall in water level with respect to decadal mean have been observed within 2m in 111 (94.1%) stations, in the range of 2m to 4m in 3 (2.5%) stations and beyond 4 m in 4 (3.4%) stations
8. Comparison of water level monitored during November 2020 and mean water level data of preceding 10 years rise in 203 (75%) stations and fall in 65 (25%) monitored stations. Rise within 2 m have been observed in 195 (96%) stations, in the range of 2 to 4m in 6 (3%) stations and beyond 4 m rise in 2(1%) stations. Fall in water level with respect to decadal mean have been observed within 2m in 60 (92.3%) stations, in the range of 2m to 4m in 4 (6.2%) stations and beyond 4 m in 1 (1.5%) station.
9. Water levels of post-monsoon for last 10 years were taken for trend analysis. A total number of 435 stations were analysed. During post monsoon period 262 stations show a declining water level trend mostly within 0.19m/year. Only 61 stations showed decline above 0.2m/year. Significant decline is not observed anywhere in the region. The rise is observed in 478 stations ranging mostly within 0.19m/year. 159 stations indicated rise above 0.2m/year.
10. In general, the chemical quality of the ground water is good for both the domestic and irrigation purposes except the sporadic occurrence of the high concentration of Iron in considerable parts of the region. In those areas, Iron treatment plants are to be installed and the water should be used only after proper treatment.

11. Development of ground water in North Eastern Region is still in nascent stage. There is an ample scope for development of this replenishable natural resource. This region being hilly, only 30% of the existing valley area can be developed. In the hilly area, there is a very little scope for ground water development. However, the hilly terrain of the region is bestowed with many perennial springs, which can be developed for both the small-scale irrigation and domestic use. Moreover, rainfall in the region being quite sufficient, roof-top rain water harvesting may also be adopted to augment ground water resources in the area. If this natural resource is harnessed with proper planning and management, the entire agro-economic scenario of the region can be uplifted.

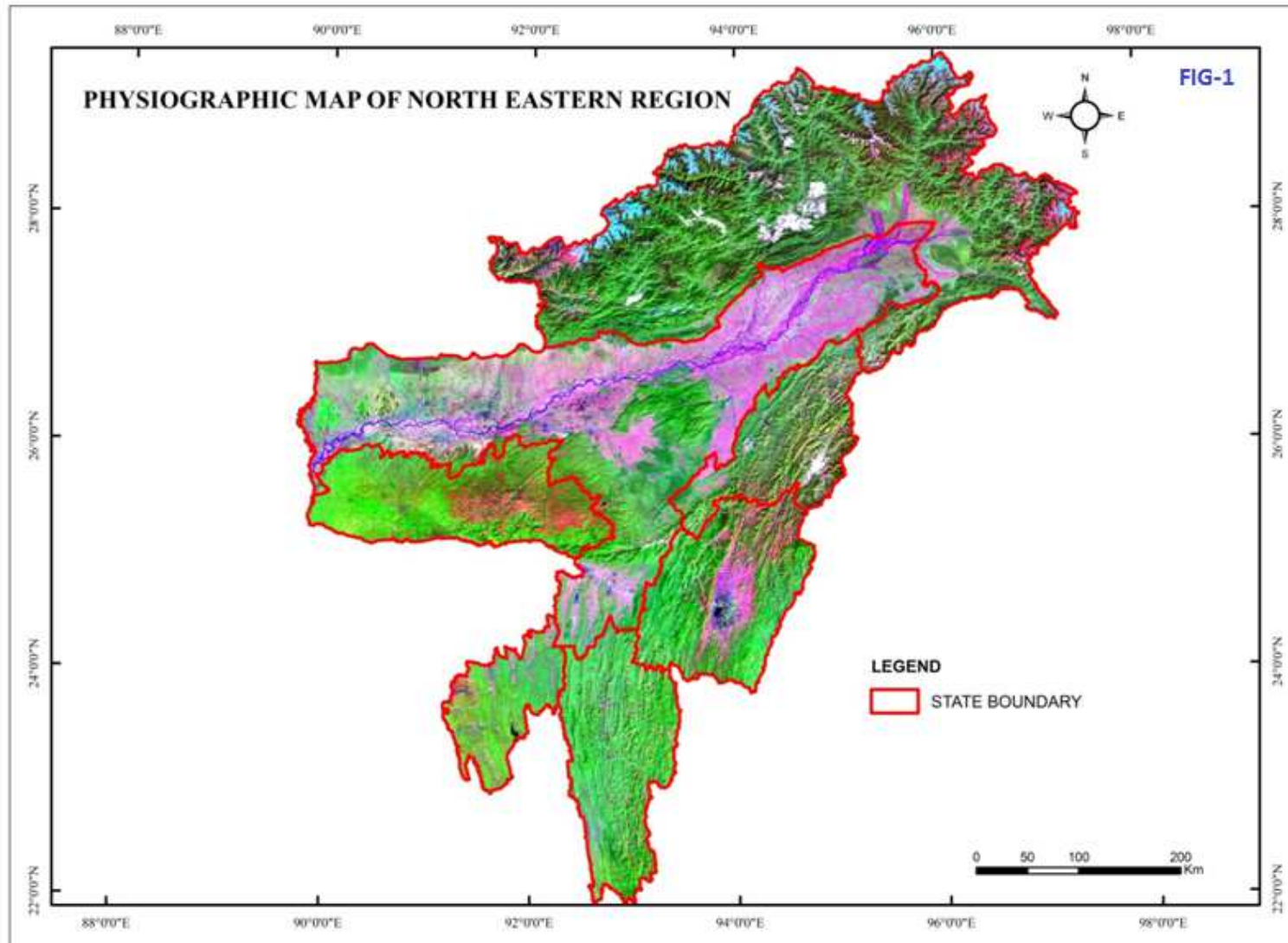


Fig.1 Physiographic Map of North Eastern Region

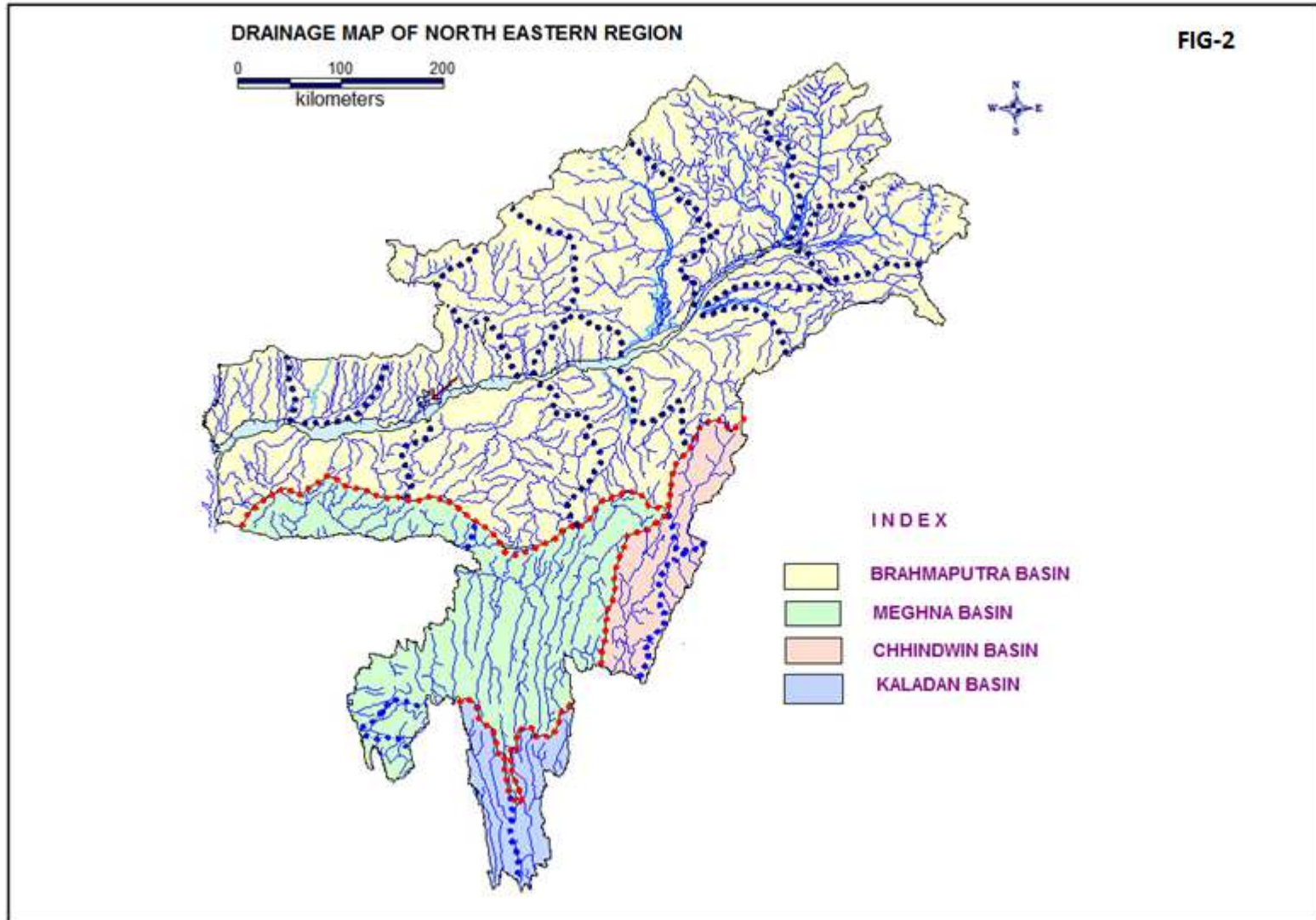


Fig.2 Drainage Map of North Eastern Region

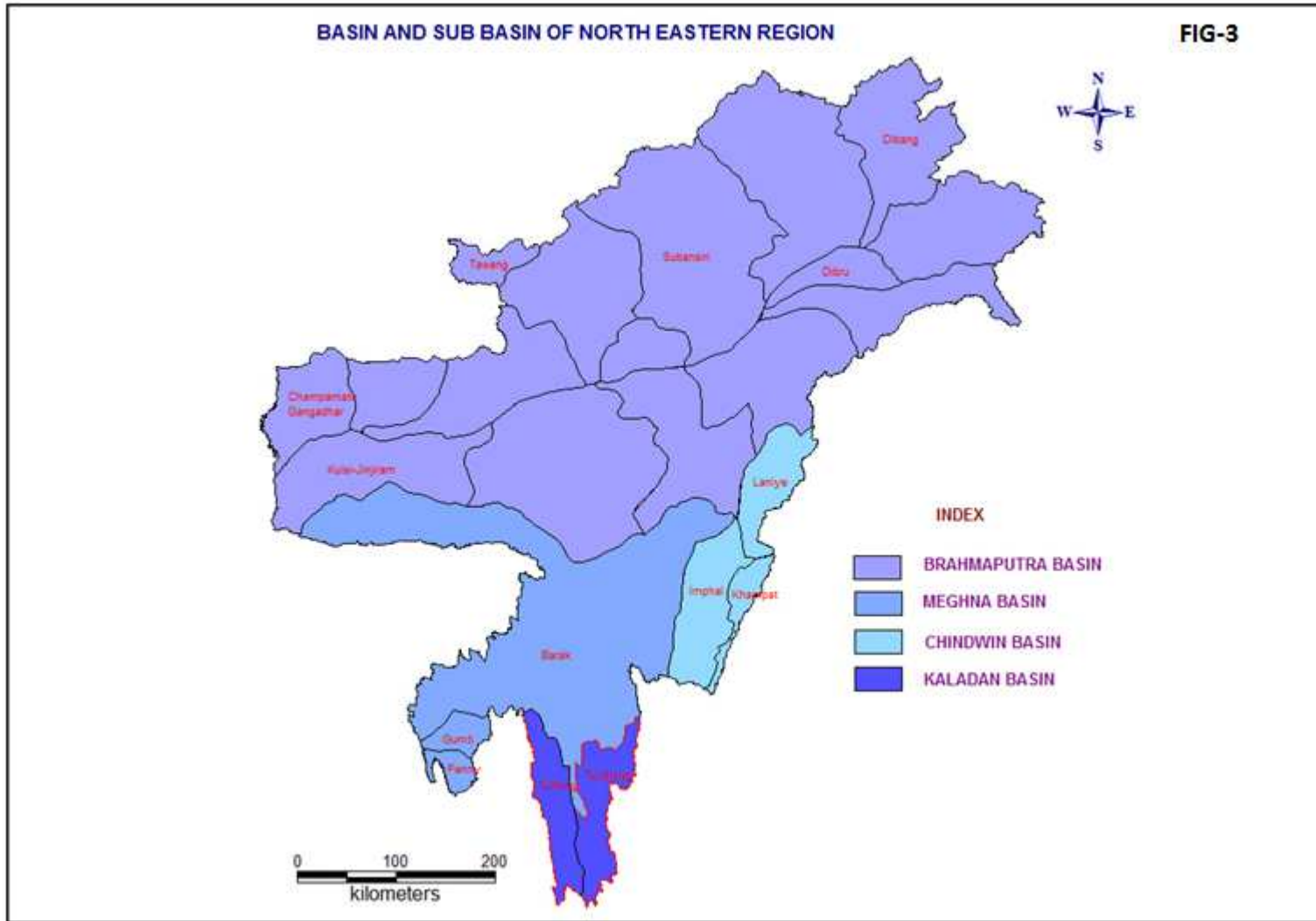


Fig.3 Basin & Sub-basin Map of North Eastern Region

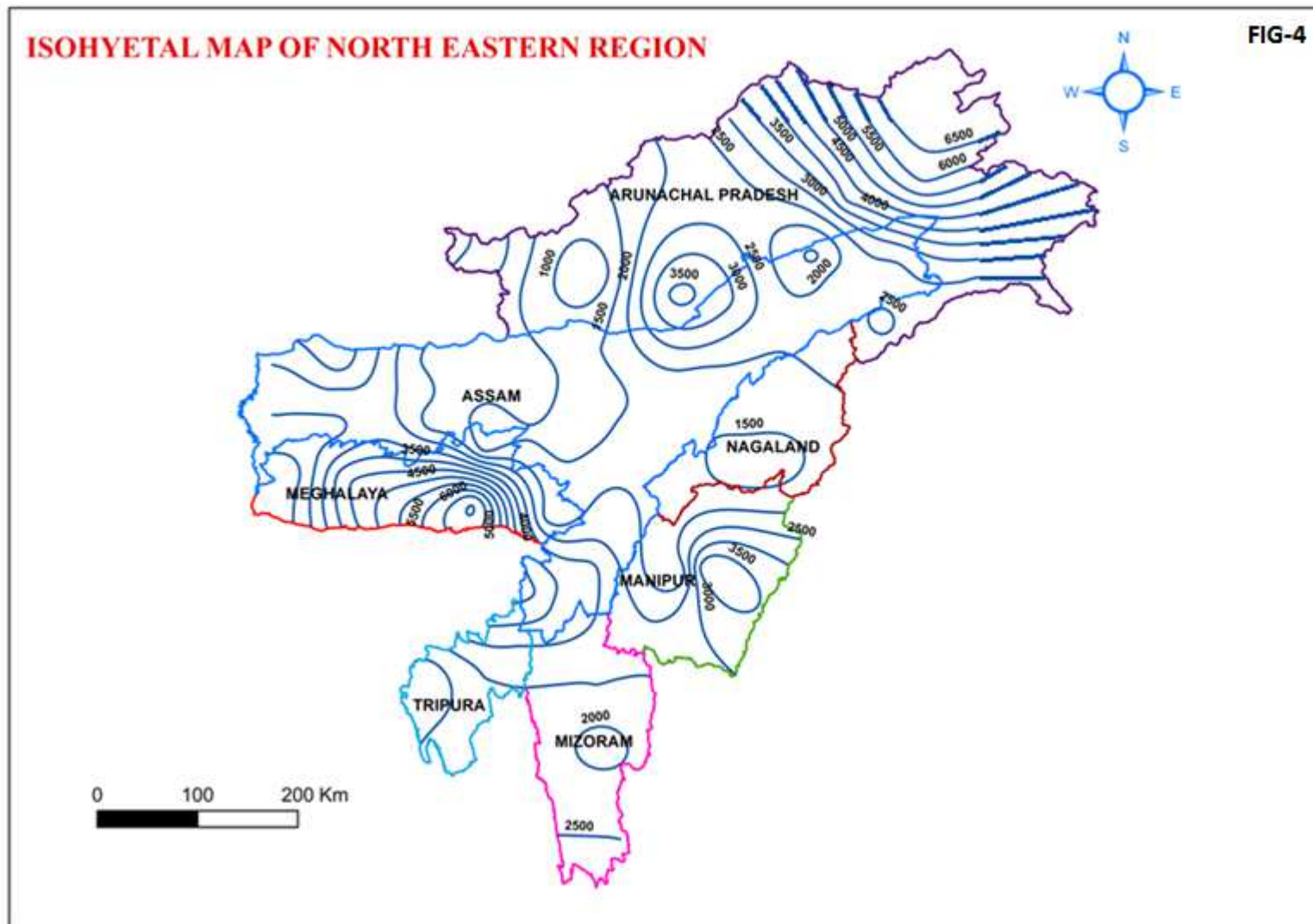


Fig.4 Isohyet (Rainfall Distribution) Map of North Eastern

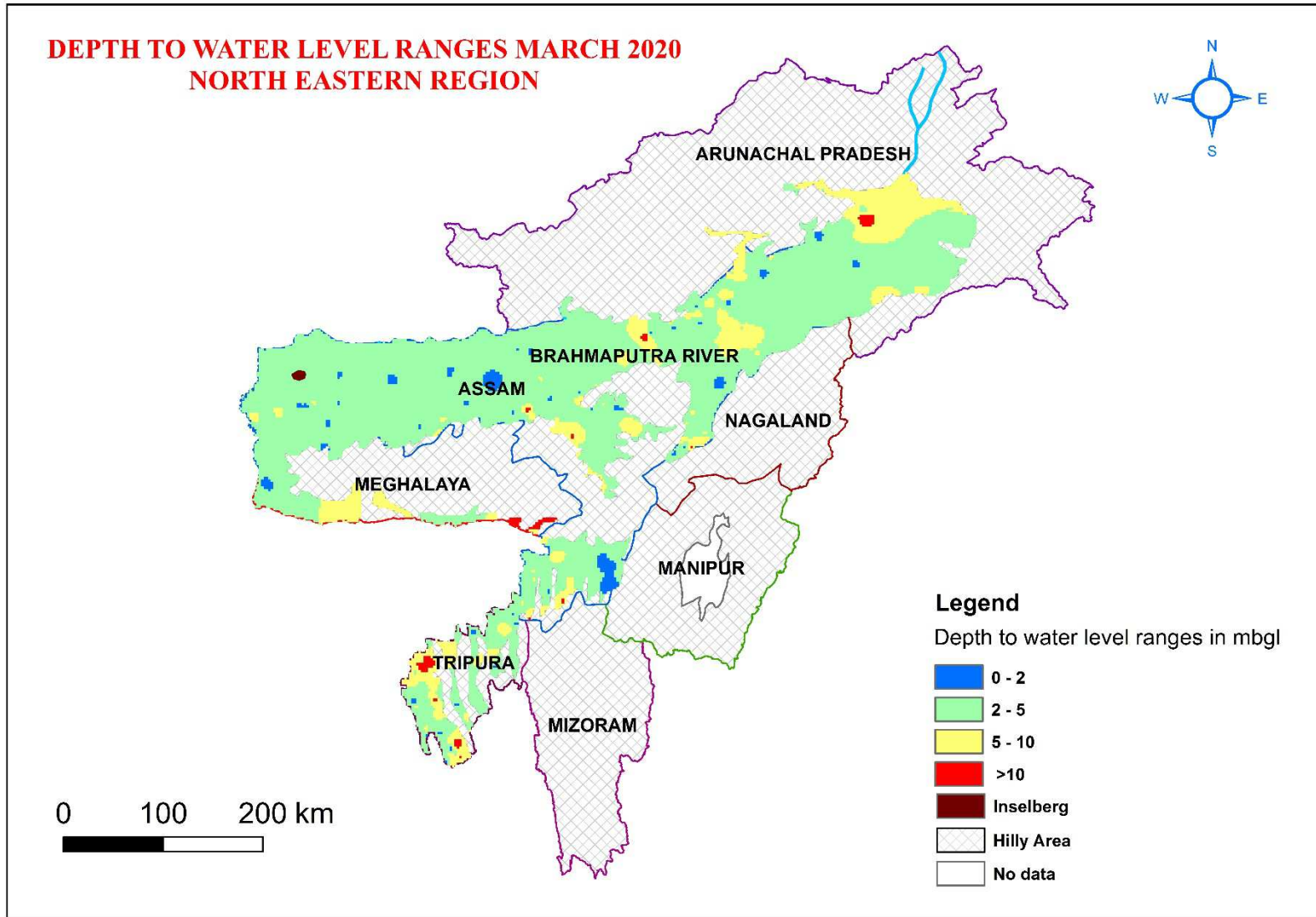


Fig.5 Depth to Water Level Map (March, 2020) of North Eastern Region

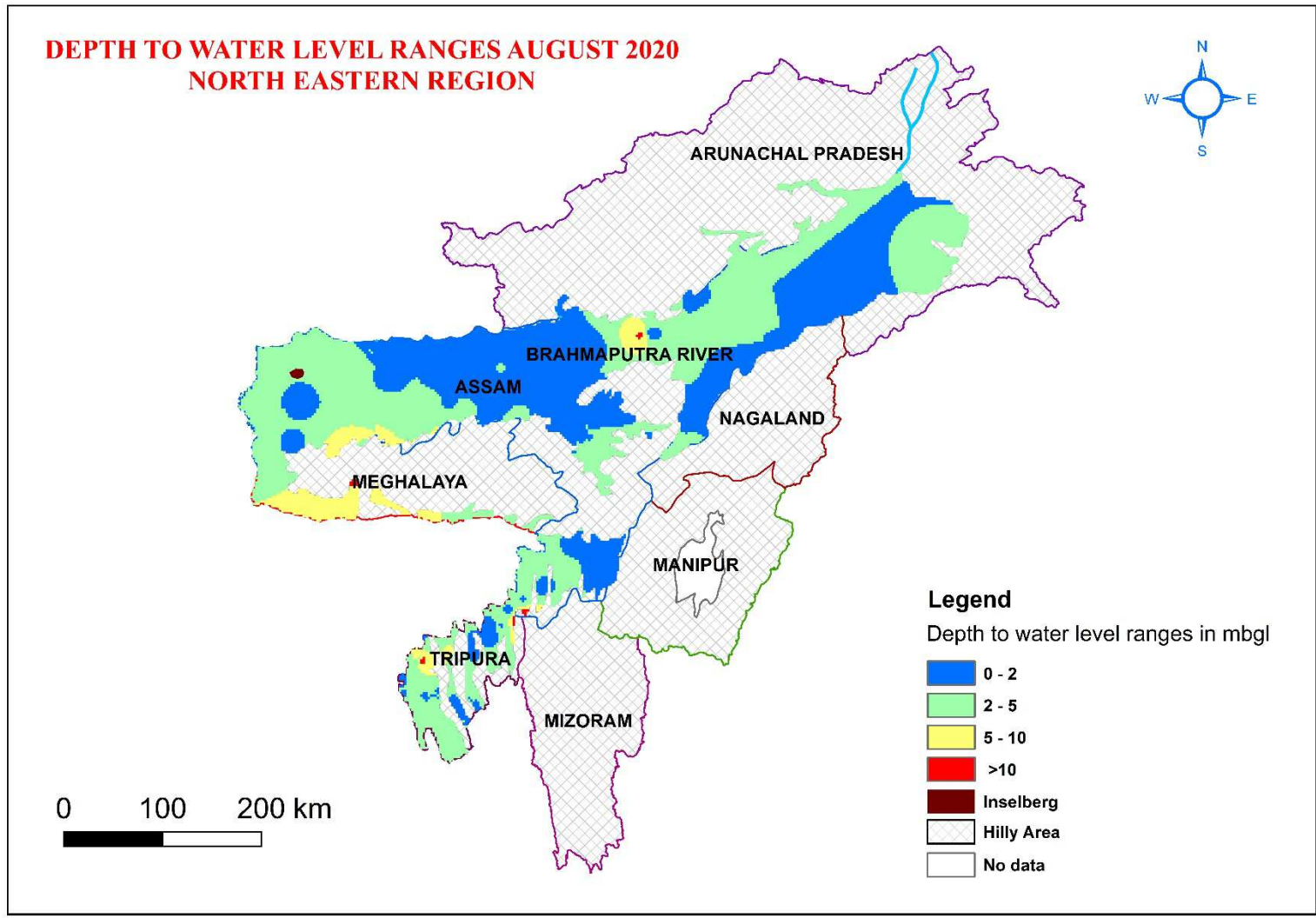


Fig.6 Depth to Water Level Map (August, 2020) of North Eastern Region

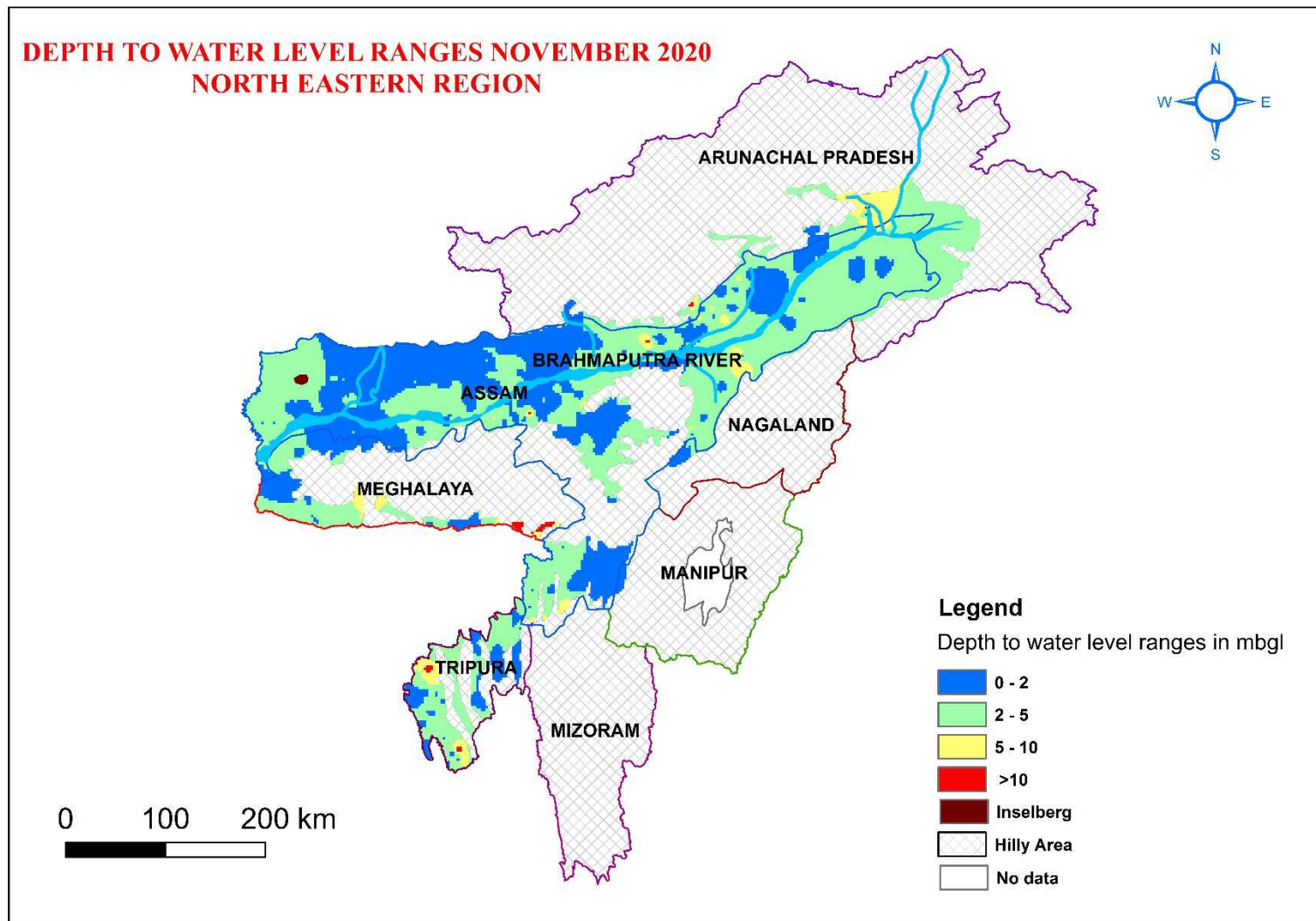


Fig.7.Depth to Water Level Map (November, 2020) of North Eastern Region

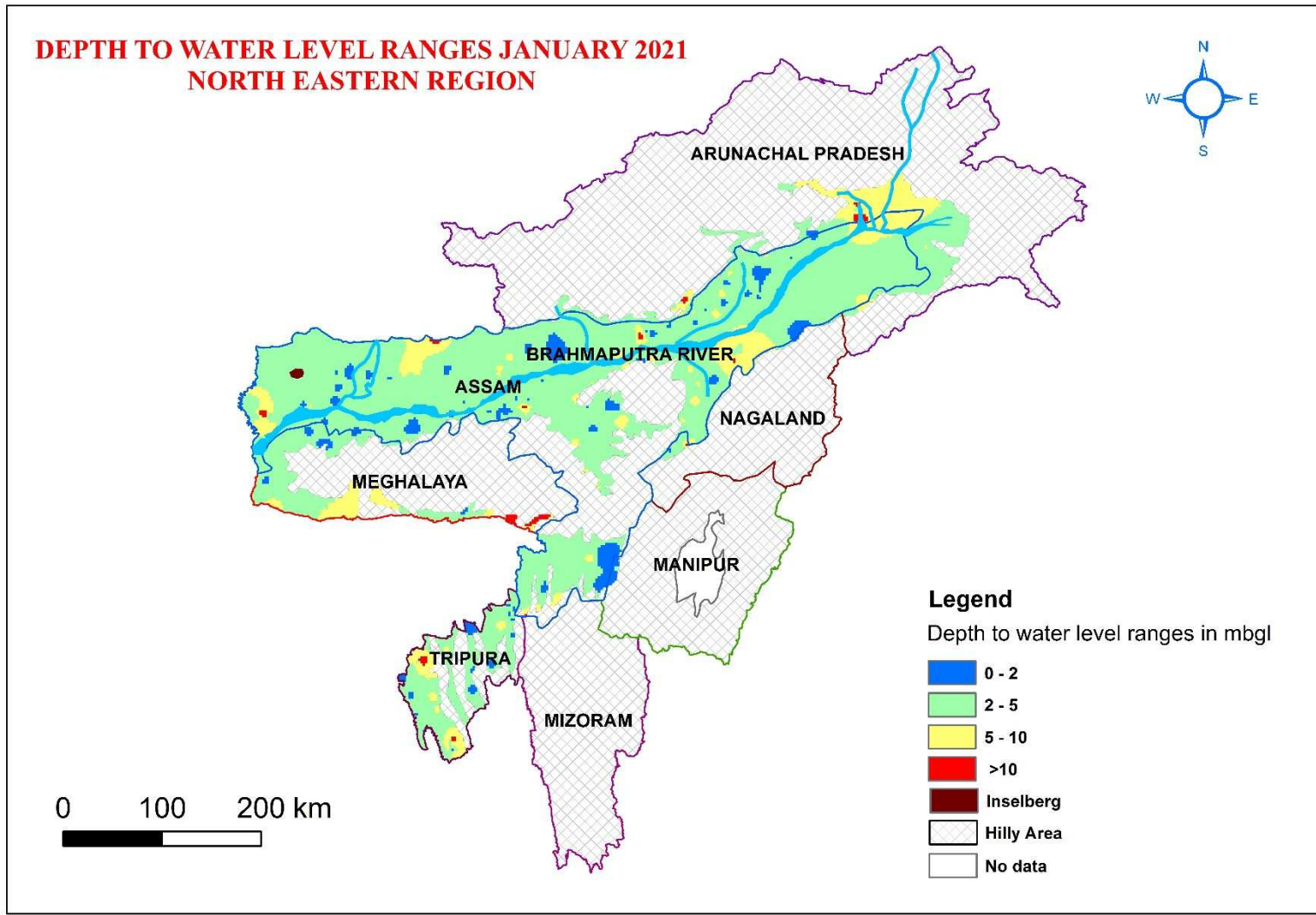


Fig.8 Depth to Water Level Map (January, 2021) of North Eastern Region

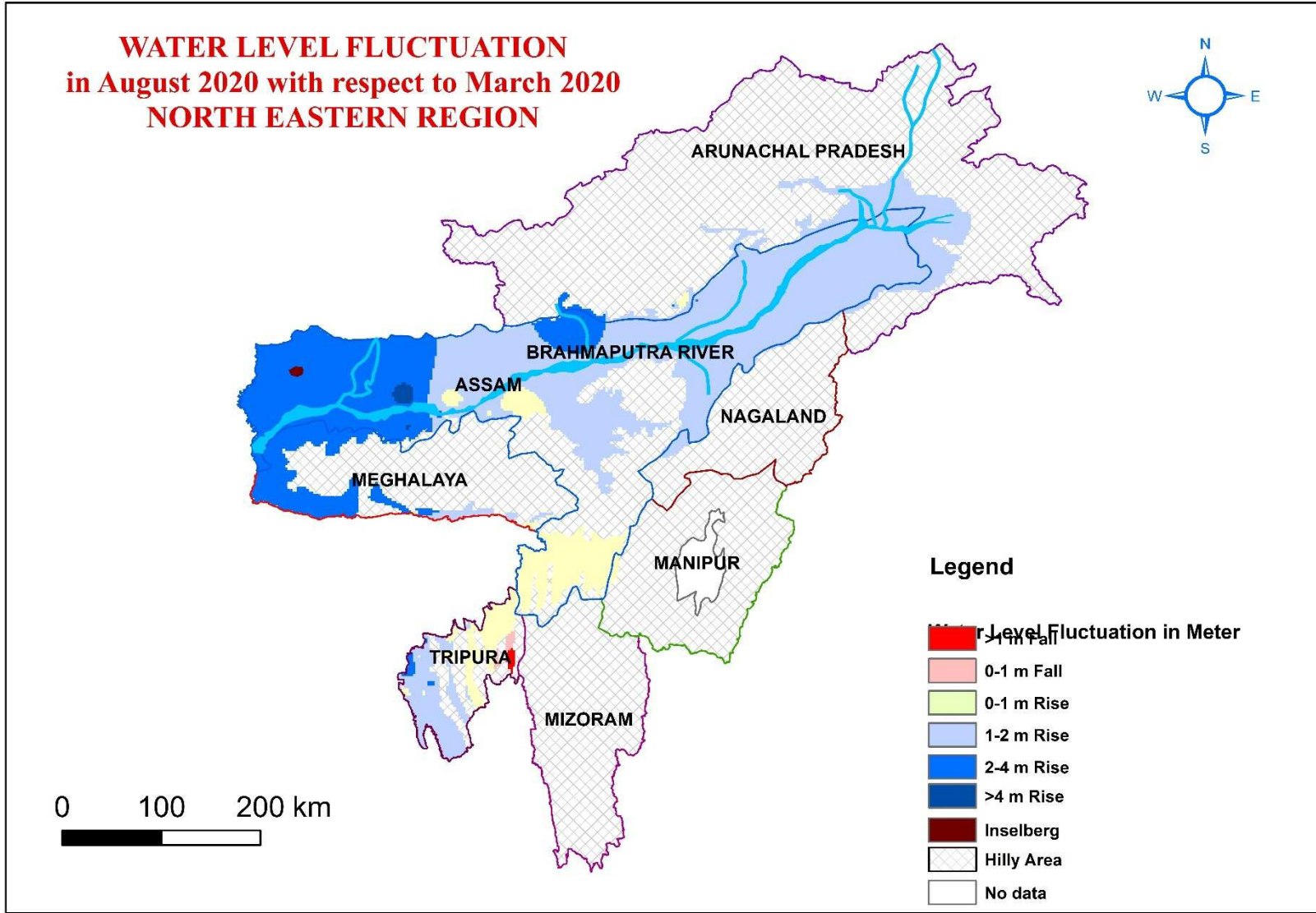


Fig.9 Water Level Fluctuation in August 2020 with respect to March 2020

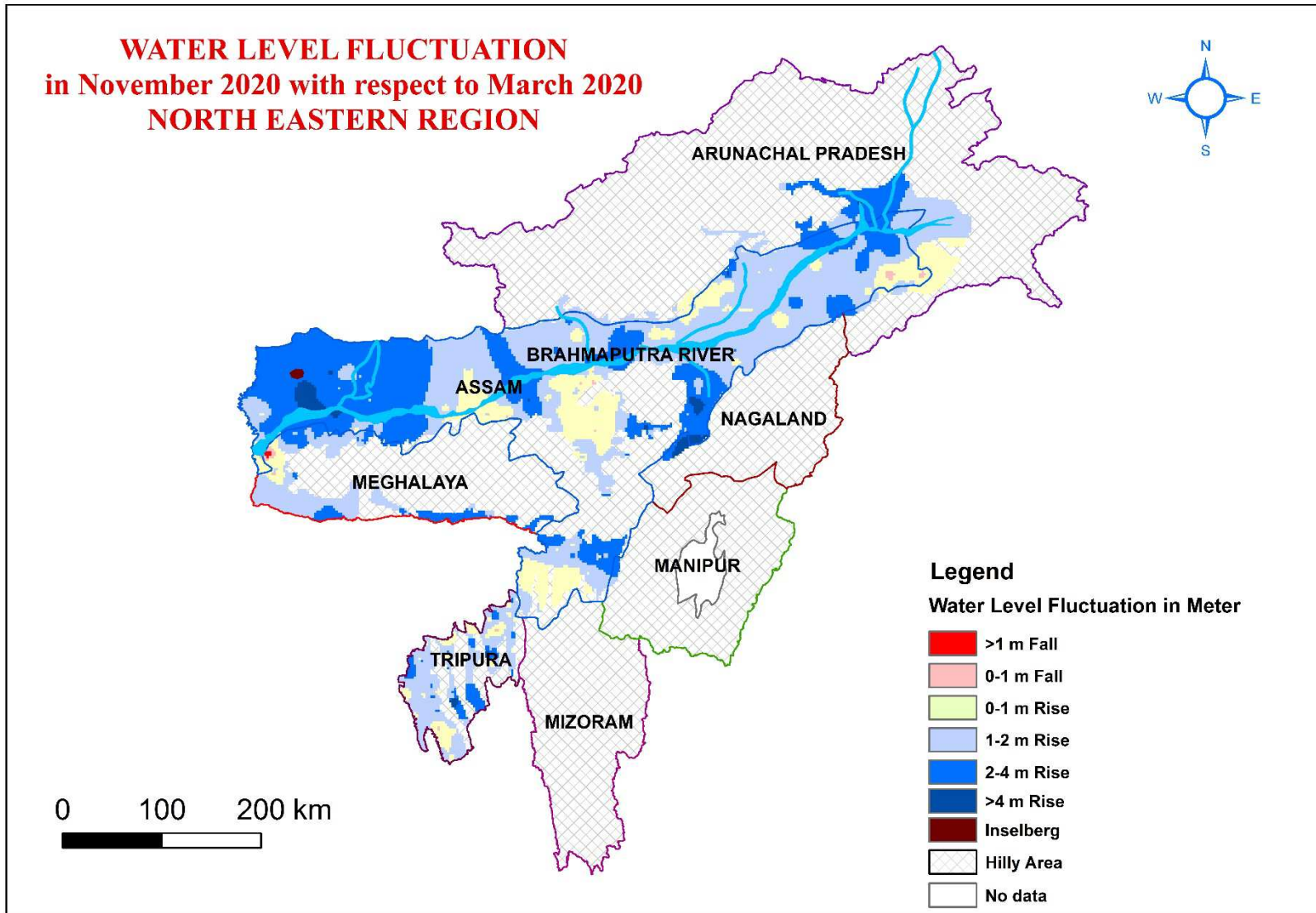


Fig.10 Water Level Fluctuation in November 2020 with respect to March 2020

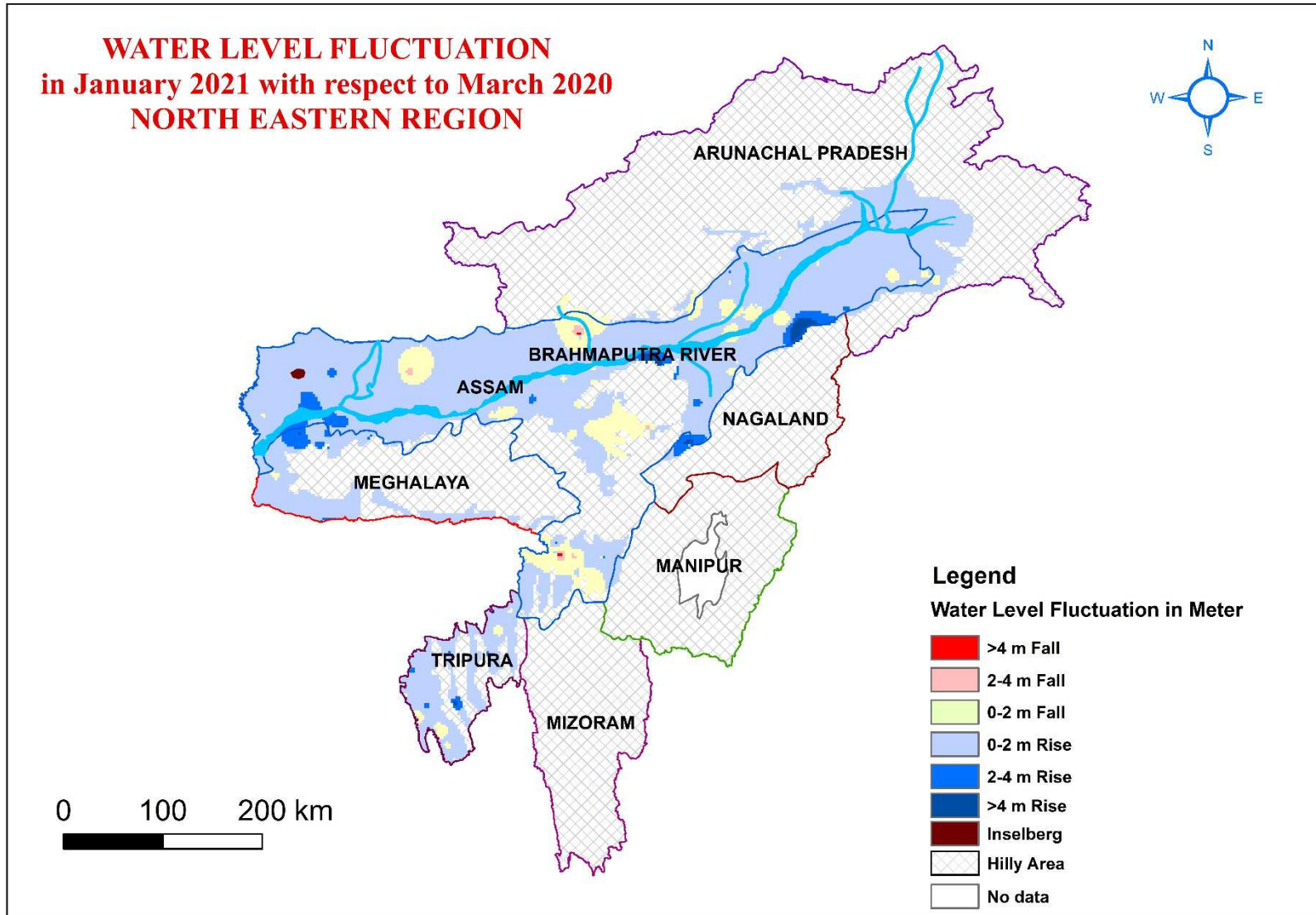


Fig.11 Water Level Fluctuation in January 2021 with respect to March 2020

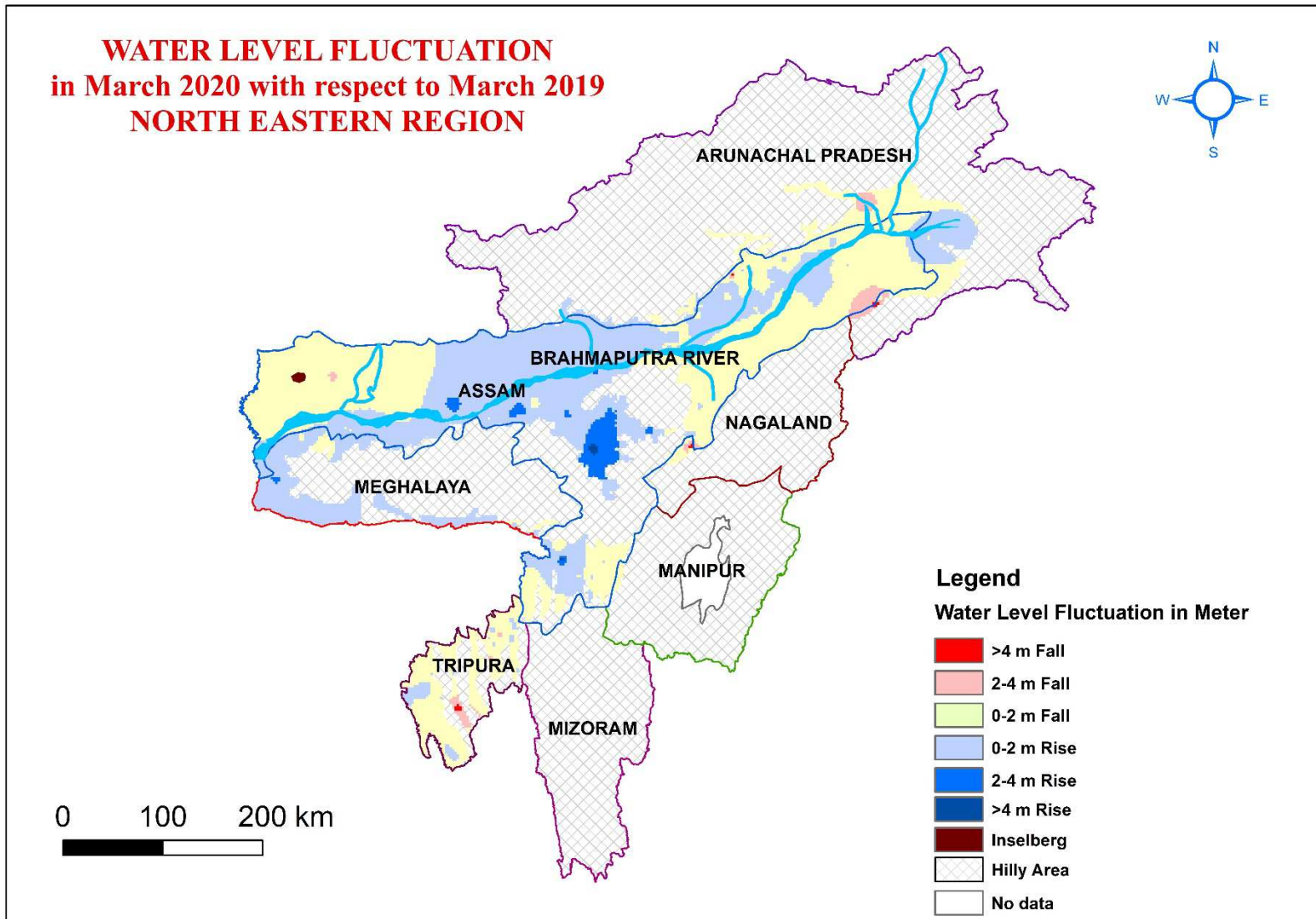


Fig.12 Water Level Fluctuation in March 2020 with respect to March 2019

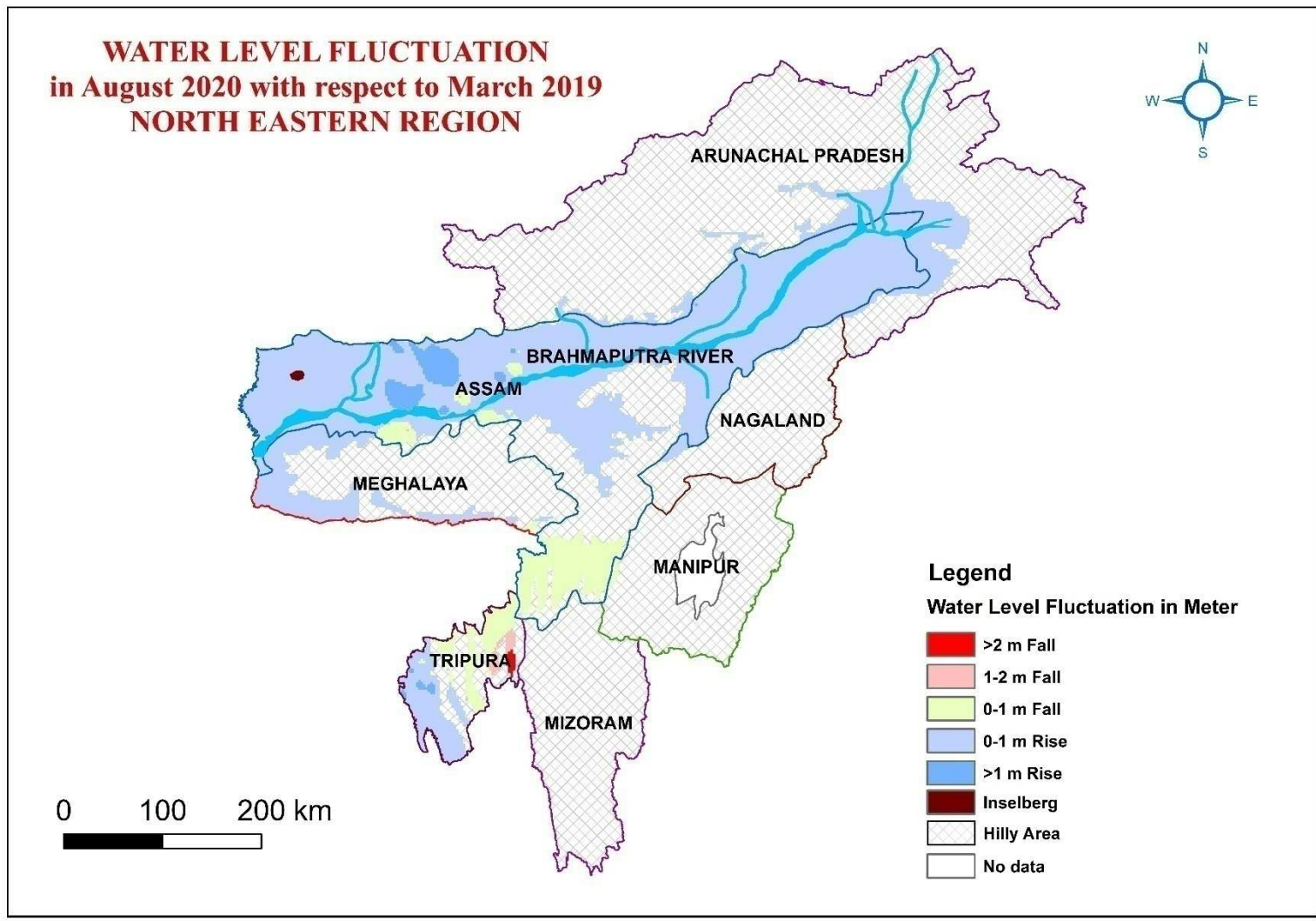


Fig.13 Water Level Fluctuation in August 2020 with respect to August 2019

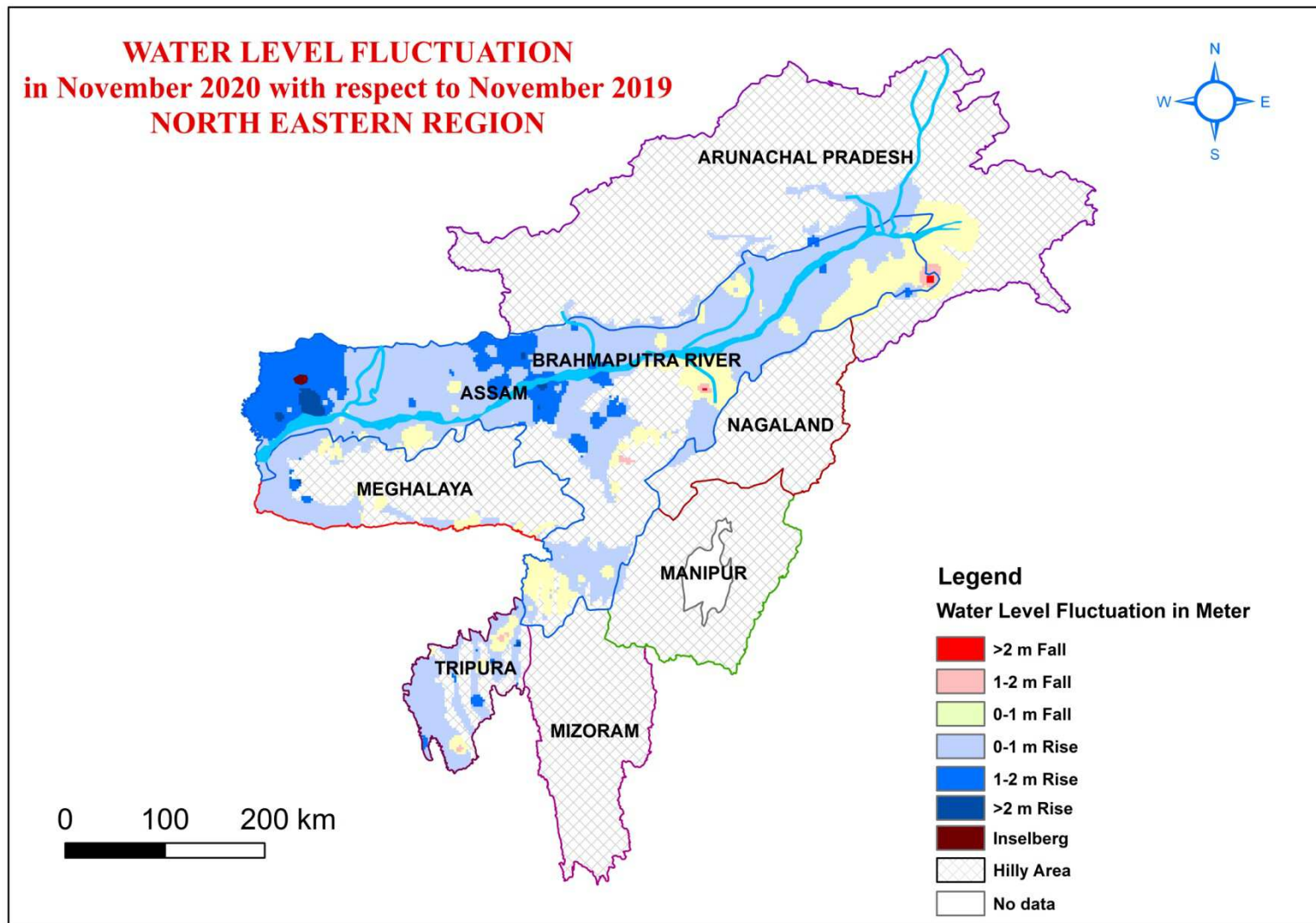


Fig.14 Water Level Fluctuation in November 2020 with respect to November 2019

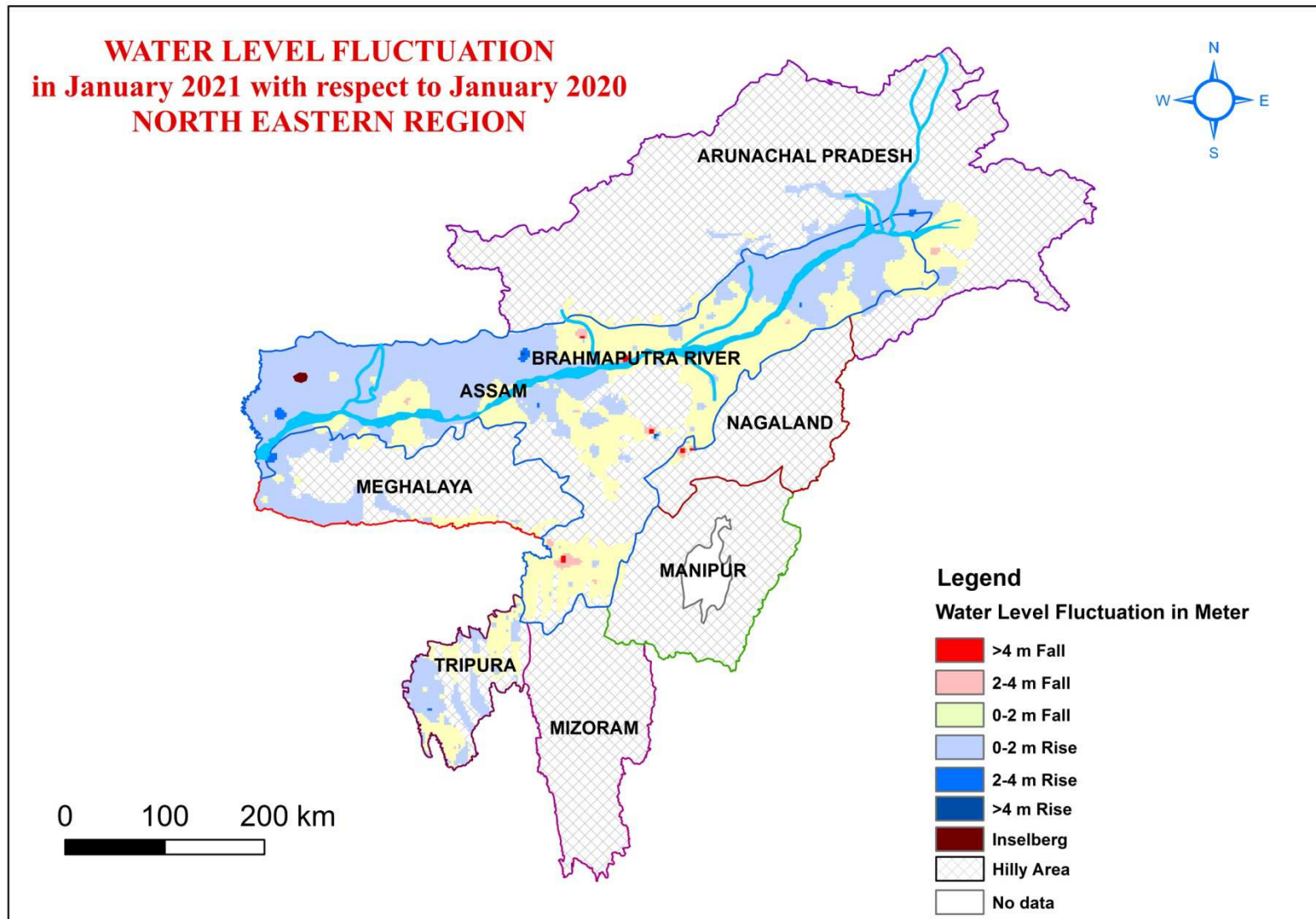


Fig.15 Water Level Fluctuation in January 2021 with respect to January 2020

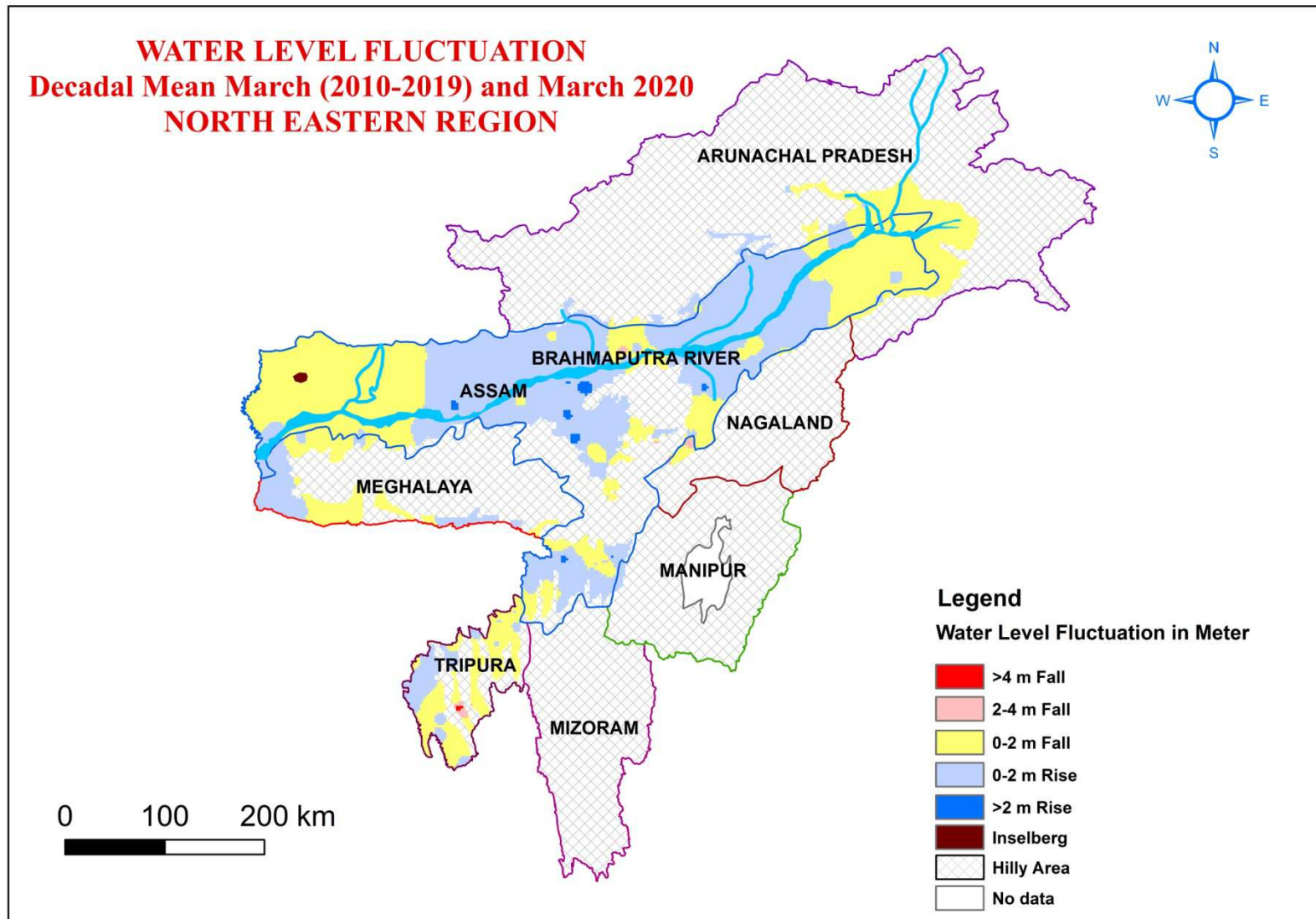


Fig.16: Water Level Fluctuation in March, 2020 with respect to Decadal Mean (March, 2010-2019)

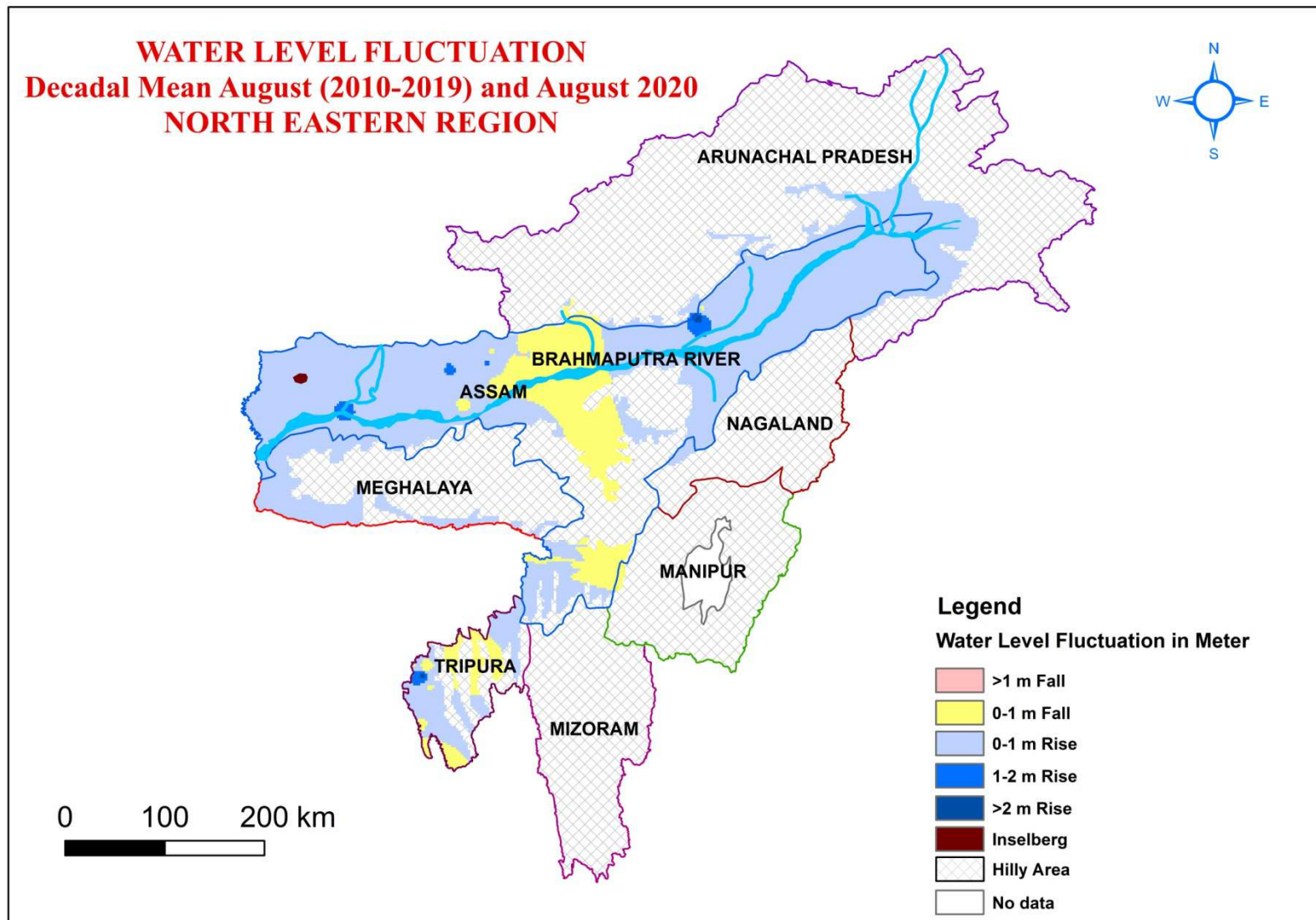


Fig.17 : Water Level Fluctuation in August, 2020 with respect to Decadal Mean (August, 2010-2019)

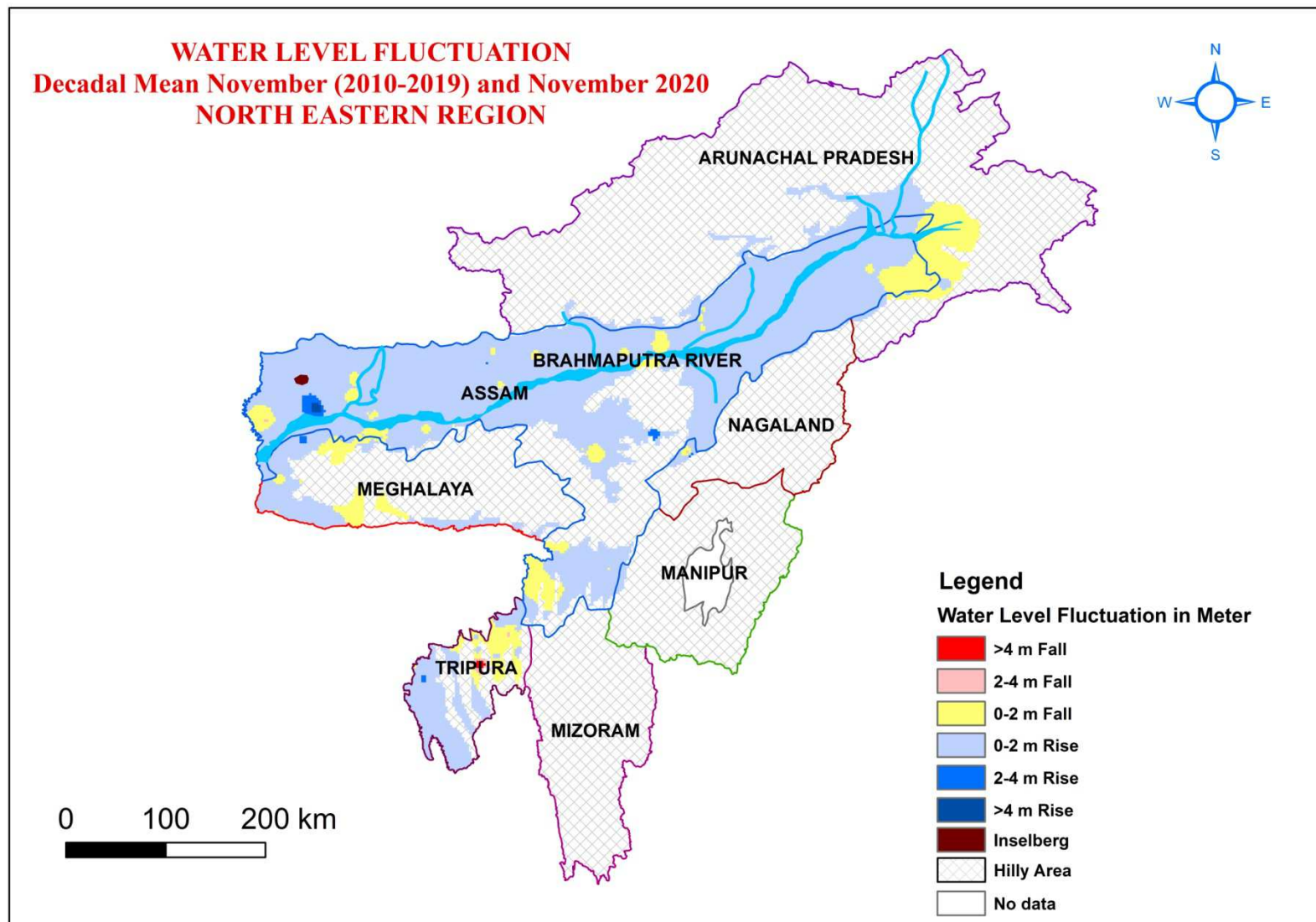


Fig.18: Water Level Fluctuation in November, 2020 with respect to Decadal Mean (November, 2010-2019)

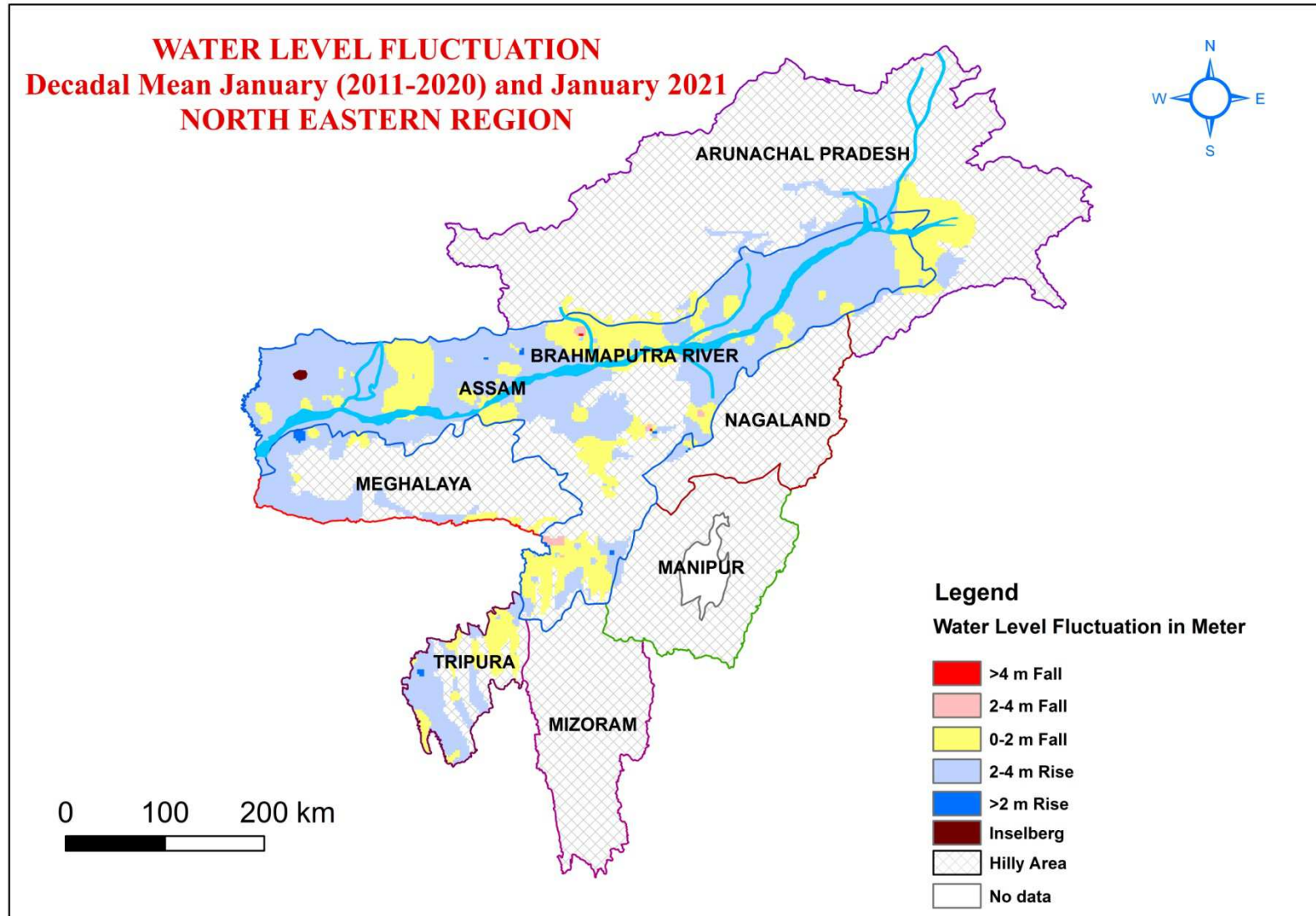


Fig.19: Water Level Fluctuation in January, 2021 with respect to Decadal Mean (January, 2011-2020)

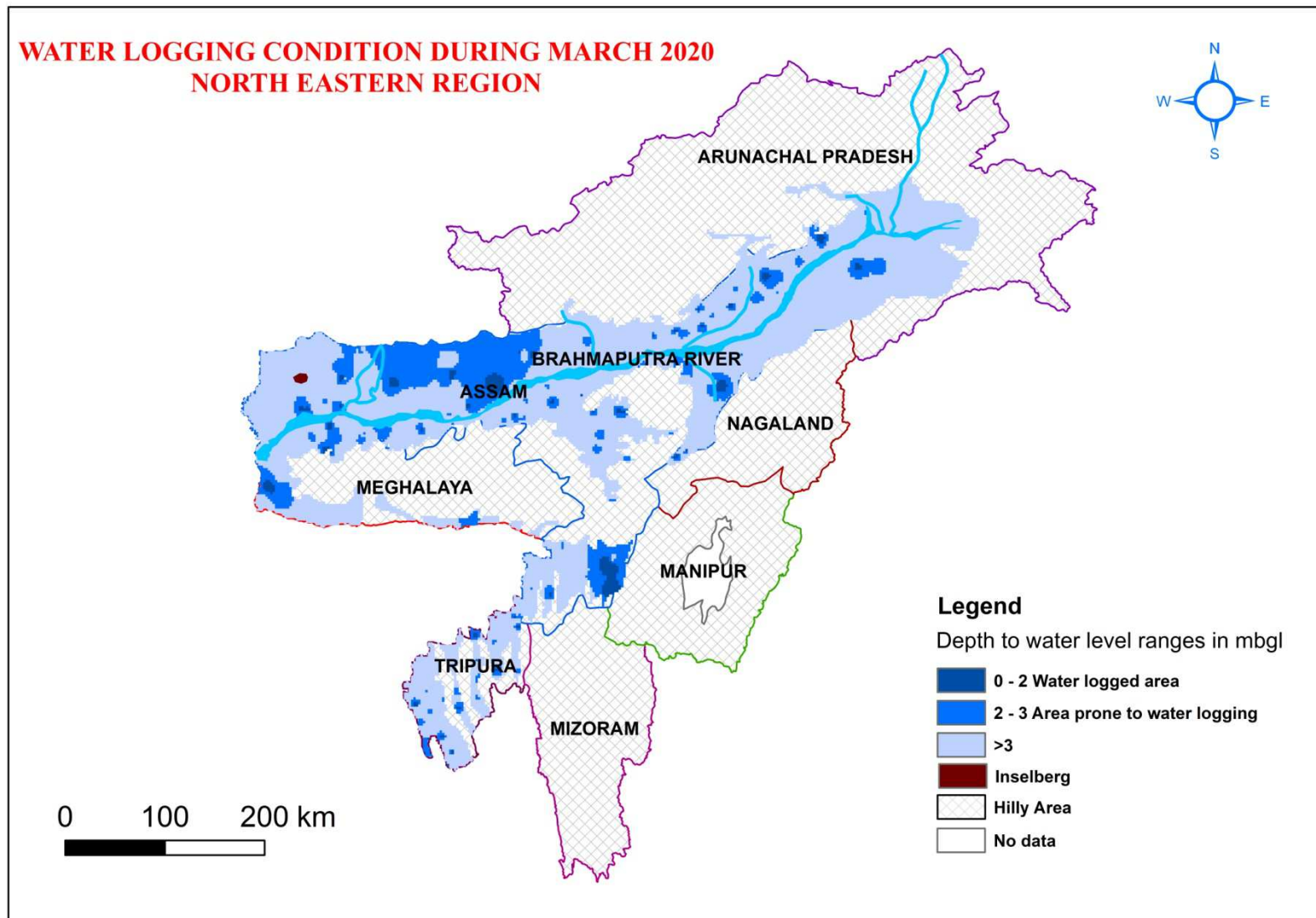


Fig.20: Water Logging Condition during Pre Monsoon (March 2020) Period.

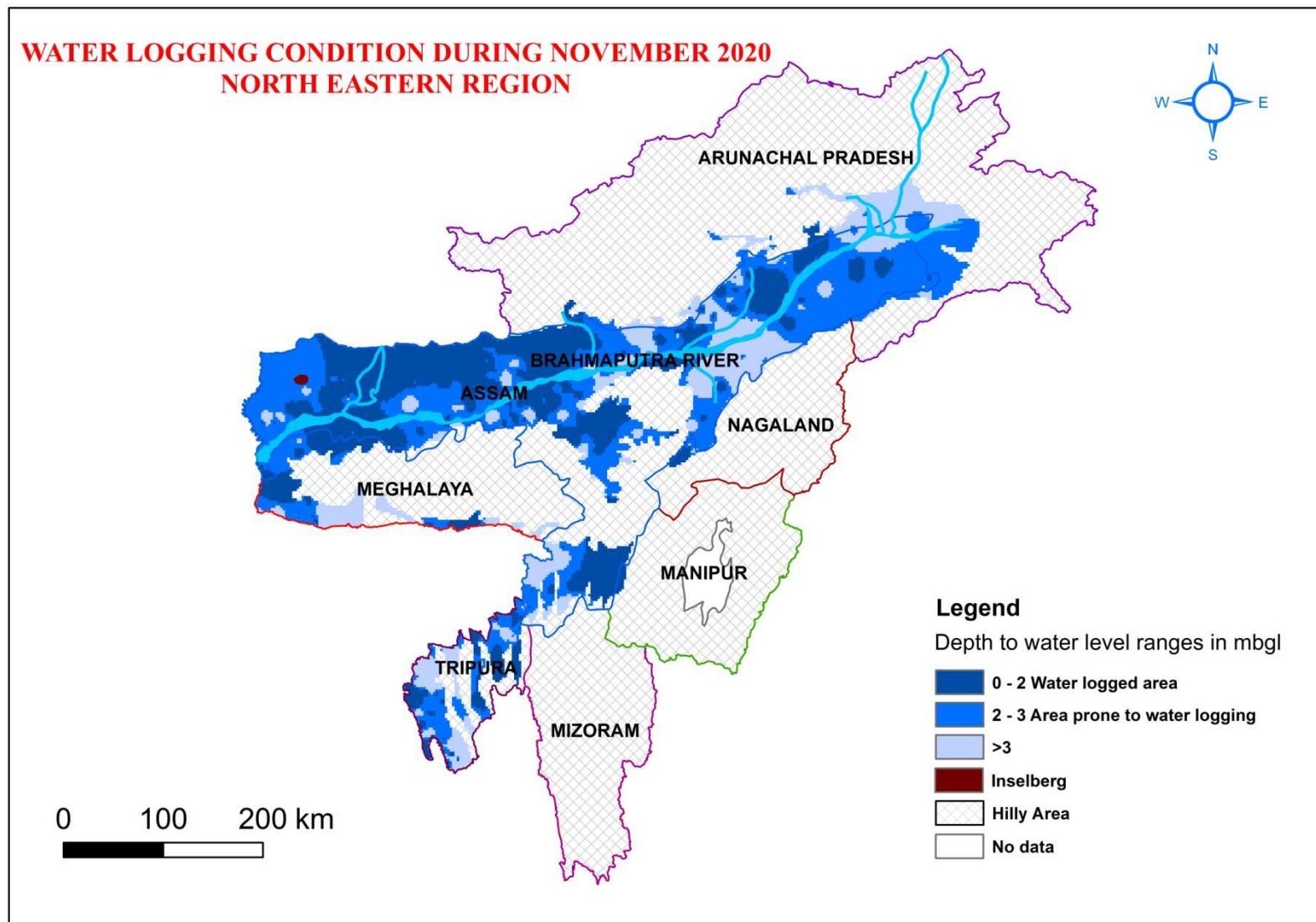


Fig.23: Water Logging Condition during Post Monsoon (November 2020) Period.

ANNEXURE-I

**DETAILS OF GROUND WATER MONITORING WELLS IN NORTH EASTERN
REGION**

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Arunachal Pradesh								
Changlang								
Jairampur	92A4A1	Dug	1.1	185.65	27°12'30"	96°02'30"	Alluvium	Brahmaputra
Namchik	92A3A1	Dug	1.2	162.32	27°25'00"	96°02'45"	Alluvium	Brahmaputra
Namphai	92A3A2	Dug	0.7	199.15	27°27'30"	96°06'30"	Alluvium	Brahmaputra
Newlisan Kharsang	92A2A1	Dug	1	183.3	27°30'00"	96°08'00"	Alluvium	Brahmaputra
East Siang								
Oyan	ARES17	Dug	0.73	121	27°53'25"	95°19'06"	Alluvium	Brahmaputra
Pasighat New	ARES02A	Dug	0.29	158	28°09'05"	95°17'45"	Alluvium	Brahmaputra
Ruksin	ARES11	Dug	0.95	121	27°50'16"	95°12'32"	Alluvium	Brahmaputra
Satmile	ARES18	Dug	0.85	139	27°58'36"	95°19'54"	Alluvium	Brahmaputra
Sika Baman Todee	ARES14	Dug	0.91	130	27°54'48"	95°20'37"	Alluvium	Brahmaputra
Lohit								
Adi Ningroo 1 OW	ARLO02	Tube	0.6	298	27° 38' 8.2"	95°54'6"	Alluvium	Brahmaputra
Adi Ningroo 2 OW	ARLO03	Tube	0.6	298	27° 38' 8.2"	95°54'6"	Alluvium	Brahmaputra
Lathow	83M2D1	Dug	0.86	162.65	27°40'00"	95°52'30"	Alluvium	Brahmaputra
Medo	ARLO05	Dug	0.22	202	27°47'27"	96°10'38"	Alluvium	Brahmaputra
Namsai OW	ARLO01	Tube	0.7	274	27°39'56"	95°52'35"	Alluvium	Brahmaputra
Wingko OW	ARLO04	Tube	0.55	293	27°37'51"	95°56'57"	Alluvium	Brahmaputra
Lower Dibang Valley								
Kangklong	ARLDV01	Dug	0.65	162	27°58'18"	95°45'27"	Alluvium	Brahmaputra
Lower Subansiri								
Bomte	ARLSO3	Dug	1.27	144	27°49'00"	94°19'00"	Alluvium	Brahmaputra
Rajgarh	ARLSO2	Dug	0.83	99	27°40'00"	94°15'00"	Alluvium	Brahmaputra
Papumpare								
Banderedewa I	ARPP04	Dug	0.57	127.71	27°06'19"	93°49'33"	Alluvium	Brahmaputra
Chimpu	ARPP13	Dug	0.38	197	27°06'01"	93°42'00"	Sandstone	Brahmaputra
Doimukh	83E4D5	Dug	0.74	209	27°08'32"	93°45'22"	Alluvium	Brahmaputra
Itanagar I	ARPP10	Dug	0.8	347	27°06'14"	93°38'30"	Alluvium	Brahmaputra
Kimin	83E3D2	Dug	0.95	150.05	27°18'30"	93°58'10"	Alluvium	Brahmaputra
Naharlagun I	ARPP08	Dug	0.55	144.00	27°06'11"	93°41'41"	Alluvium	Brahmaputra
irjuli Vill IIA	ARPP06	Dug	0.8	118	27°07'52"	93°43'59"	Alluvium	Brahmaputra
Nirjuli Vill IIB	ARPP07	Dug	1.02	117	27°07'48"	93°44'01"	Alluvium	Brahmaputra
Sonajuli	83E4C1	Dug	0.62	117.23	27°02'45"	93°41'15"	Alluvium	Brahmaputra
Tirap								
Borduria	83M4B3	Dug	0.98	229.74	27°01'00"	95°28'00"	Alluvium	Brahmaputra
Deomali	83M4C1	Dug	0.87	148.86	27°12'00"	95°31'30"	Alluvium	Brahmaputra
Hukanjuri	83M4B4	Dug	0.82	239.35	27°00'30"	95°28'00"	Alluvium	Brahmaputra
Assam								
Baksa								
Bangalipara	ASBS02	Dug	0.6		26°42'54"	91°42'43"	Alluvium	Brahmaputra
Bhogpur	ASBS03	Dug	0.71		26°40'57"	91°20'35"	Alluvium	Brahmaputra
Chapla	ASBS04	Dug	0.92		26°44'2"	91°42'40"	Alluvium	Brahmaputra
Charaimari	ASBS05	Dug	1		26°40'37"	91°17'38"	Alluvium	Brahmaputra
Daranga	ASBS06	Dug			26°47'20"	91°30'4"	Alluvium	Brahmaputra
Deusunga Ambarishnagar	ASBS07	Dug	0.92		26°45'25"	91°42'29"	Alluvium	Brahmaputra
Jhargaon	ASBS01	Dug	0.95	54	26°34'5"	91°35'12"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Kumarikata	ASBS08	Dug	1.05		26°43'53"	91°33'21"	Alluvium	Brahmaputra
Naukata	ASBS09	Dug	0.8		26°38'13"	91°43'34"	Alluvium	Brahmaputra
Pub Bengabari	ASBS10	Dug	0.71		26°40'44"	91°20'49"	Alluvium	Brahmaputra
Shripur Deor	ASBS11	Dug	0.9		26°37'4"	91°20'38"	Alluvium	Brahmaputra
Tamulpur	78N2C1	Dug	0.4	68.55	26°36'23"	91°34'48"	Alluvium	Brahmaputra
Barpeta								
Bhawanipur	78N3A1	Dug	0.8	48.1	26°29'05"	91°04'00"	Alluvium	Brahmaputra
Dhupguri(Galia)	ASBP13	Dug	0.98	51	26°25'30"	91°02'00"	Alluvium	Brahmaputra
Nityanada OW	ASBP18	Tube	0.7	42	26°33'07"	91°12'52"	Alluvium	Brahmaputra
Patacharkuchi	ASBP16	Tube	1	42	26°30'20"	91°14'51"	Alluvium	Brahmaputra
Sarupeta	78N3A6	Dug	0.76	45	26°29'55"	91°04'30"	Alluvium	Brahmaputra
Sorbhog	78J3D4	Dug	0.82	49	26°28'30"	90°54'10"	Alluvium	Brahmaputra
Ujanborbori	78N2A2	Dug	1.2	51.46	26°36'00"	91°06'00"	Alluvium	Brahmaputra
Biswanath								
Behali	ASSP33	Dug	0.86	83	26°49'56"	93°21'28"	Alluvium	Brahmaputra
Bihupukhuri	83F2A7	Dug	0.96	85	26°44'50"	93°15'00"	Alluvium	Brahmaputra
Biswanath Chariali	83F2A6	Dug	0.18	73	26°43'301"	93°09'06"	Alluvium	Brahmaputra
Biswanath Ghat	83F2A8	Dug	0.76	79	26°39'40"	93°10'19"	Alluvium	Brahmaputra
Borgang New	ASSP07	Dug	0.85	81	26°50'04"	93°17'40"	Alluvium	Brahmaputra
Buroighat	ASSP 25	Dug	0.8	104	26°52'04"	93°24'59"	Alluvium	Brahmaputra
Gohpur New	ASSP23	Dug	0.82	80.03	26°52'48"	93°36'35"	Alluvium	Brahmaputra
Hawajan	83F1C4	Dug	0.88	78	26°53'03"	93°46'04"	Alluvium	Brahmaputra
Helem	ASSP24	Dug	0.97	69	26°50'59"	93°27'55"	Alluvium	Brahmaputra
Kheroni	ASSP35	Dug	1	67	26°55'12"	93°37'10"	Alluvium	Brahmaputra
Kolabari	ASSP23	Dug	1.1	56	26°54'05"	93°42'29"	Alluvium	Brahmaputra
Sootia New	ASBN01	Dug	0.77	77	26°44'17"	93°02'29"	Alluvium	Brahmaputra
Bongaigaon								
Abhayapuri	78J3C2	Dug	1.04	38.94	26°20'18"	90°39'44"	Alluvium	Brahmaputra
Baitamari	78J3C1	Dug	0.86	44.45	26°20'50"	90°31'03"	Alluvium	Brahmaputra
Bongaigaon New	78J3C9	Dug	0.83	43	26°29'30"	90°33'00"	Alluvium	Brahmaputra
Chalantapara	78J3C4	Dug	1.1	35	26°14'16"	90°35'30"	Alluvium	Brahmaputra
Chaprakata	78J3C7	Dug	0.92	48	26°29'20"	90°37'00"	Alluvium	Brahmaputra
Chaprakata (Dankinamari)	ASBN10	Dug	0.65	51	26°29'14"	90°38'00"	Alluvium	Brahmaputra
Majgaon	ASBN11	Dug	0.9	44	26°25'08"	90°35'27"	Alluvium	Brahmaputra
Manikpur	78J3D1	Dug	1	43.88	26°28'00"	90°48'30"	Alluvium	Brahmaputra
Medhipara(Deo)	78J3C6	Dug	0.44	39	26°18'25"	90°39'15"	Alluvium	Brahmaputra
North salmara	78J3C8	Dug	0.65	39	26°21'30"	90°37'00"	Alluvium	Brahmaputra
North salmara New	ASBN01	Dug	0.73	44	26°22'26"	90°37'08"	Alluvium	Brahmaputra
Cachar								
Atalbasti	ASCR35	Dug	0.86	62	24°58'05"	92°34'31"	Alluvium	Meghna
Badribasti	83D1D7	Dug	1	22.28	24°48'35"	92°53'30"	Alluvium	Meghna
Borjalinga	83D2D1	Dug	1	21.39	24°33'30"	92°48'00"	Alluvium	Meghna
Borkhola	83D1C8	Dug	0.65	21.03	24°56'20"	92°44'30"	Alluvium	Meghna
Dargakuna	ASCR25	Dug	0.73	25	24°41'47"	92°45'28"	Alluvium	Meghna
Digharkhal	83D1C3	Dug	0.85	9	24°59'20"	92°30'00"	Alluvium	Meghna
Dwarbond	ASCR40	Dug	0.7	37	24°35'03"	92°01'00"	Alluvium	Meghna
Fulertol	ASCR37	Dug	0.7	35	24°47'25"	93°00'19"	Alluvium	Meghna
Kalain	83D1C14	Dug	0.6	18.72	24°58'20"	92°35'00"	Alluvium	Meghna
Kathaltila	ASCR36	Dug	0.64	65	25°21'05"	91°23'38"	Alluvium	Meghna
Katigora	ASCR27	Dug	0.85	10	24°53'13"	92°35'20"	Alluvium	Meghna
Moinarbond	83D1D6	Dug	1	46	24°52'47"	92°53'05"	Alluvium	Meghna
Nagdirgram	ASCR39	Dug	0.65	64	24°40'48"	92°52'48"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Palanghat	83D2D10	dug	1	24.7	24°39'09"	92°53'10"	Alluvium	Meghna
Poilapul	83H1A9	Dug	0.85	27	24°50'10"	93°01'55"	Alluvium	Meghna
Razabazar	83H1A7	Dug	0.75	45	24°52'00"	93°03'00"	Alluvium	Meghna
Shivachal	ASCR28	Dug	0.75	20	24°49'55"	92°43'56"	Alluvium	Meghna
Shivtila	83H1A4	Dug	0.85	25.42	24°50'00"	93°00'15"	Alluvium	Meghna
Silcoorie	ASCR38	Dug	0.85	61	24°43'06"	92°46'37"	Sandstone	Meghna
Tarapur	ASCR32	Dug	1.15	7	24°49'47"	92°58'45"	Alluvium	Meghna
Chirang								
Bijni	78J3C5	Dug	0.9	45	26°29'30"	90°42'30"	Alluvium	Brahmaputra
Deosiri	78J1B1	Dug	0.81	148.51	26°46'00"	90°28'00"	Alluvium	Brahmaputra
Garubassa	78J2B5	Dug	0.86		26°33'30"	90°23'00"	Alluvium	Brahmaputra
Runikhata	78J2B2	Dug	1.2	81.78	26°38'00"	90°23'00"	Alluvium	Brahmaputra
Sidli	78J2B6	Dug	0.71		26°32'00"	90°28'00"	Alluvium	Brahmaputra
Darrang								
Bhakatpara Ow	ASDR33	Tube	0.65	56	26°32'20"	92°04'40"	Alluvium	Brahmaputra
Dalgaon	83B2A2	Dug	0.73	68.48	26°33'03"	92°12'30"	Alluvium	Brahmaputra
Gelabil (Thelamara)	83B2B6	Dug	0.73	51	26°42'50"	92°17'45"	Alluvium	Brahmaputra
Mangaldoi	83B3A1	Dug	0.65	55.59	26°26'00"	92°02'00"	Alluvium	Brahmaputra
Majgaon-II	ASDR30	Dug	0.94		26°28'50"	90°05'15"	Alluvium	Brahmaputra
Majgaon OW	ASDR34	Tube	0.55	48	26°28'30"	92°04'56"	Alluvium	Brahmaputra
Dhemaji								
Bhagaban charali	83I2D2	Dug	1.05	115	27°38'15"	94°47'44"	Alluvium	Brahmaputra
Bijoypur	83M1A3	Dug	1	122.29	27°45'10"	95°08'20"	Alluvium	Brahmaputra
Bokabil Ow	ASDM24	Tube	0.8	100	27°29'50"	94°32'30"	Alluvium	Brahmaputra
Bordoloni	83I3B1	Dug	1.25	95.12	27°24'30"	94°24'00"	Alluvium	Brahmaputra
Chengeli Pathar Ow	ASDM23	Tube	0.76	88	27°26'10"	94°31'30"	Alluvium	Brahmaputra
Dhemaji 2	ASDM 23	Dug	1.21	89	27°30'42"	94°35'16"	Alluvium	Brahmaputra
Dipa	83I2D3	Dug	0.95	117	27°42'10"	94°51'21"	Alluvium	Brahmaputra
Ghilamara Ow	ASDM26	Tube	0.8		27°18'28"	94°27'05"	Alluvium	Brahmaputra
Gogamukh Hss Ow	ASDM25	Tube	0.76	96	27°25'50"	94°15'45"	Alluvium	Brahmaputra
Jonai Murkongselek	83M1A1	Dug	0.8	124.36	27°50'12"	95°08'48"	Alluvium	Brahmaputra
Moridhal	ASDM27	Dug	0.97	110	27°32'19"	94°35'22"	Alluvium	Brahmaputra
Santipur	ASDM28	Dug	0.6	109	27°33'19"	94°30'18"	Alluvium	Brahmaputra
Siripani	83I2C3	Dug	0.45	108	27°34'58"	94°39'00"	Alluvium	Brahmaputra
Sisibargaon	83I2C2	Dug	0.97	108.21	27°32'30"	94°43'20"	Alluvium	Brahmaputra
Telem	83M2A1	Dug	1.01	126.98	27°42'45"	95°03'20"	Alluvium	Brahmaputra
Dhubri								
Bagaribari	78J4A4	Dug	0.81	33	26°12'10"	90°08'20"	Gneiss	Brahmaputra
Bahalpur	78J3B4	Dug	1	30	26°18'34"	90°27'52"	Alluvium	Brahmaputra
Bilasipara	78J4A1	Dug	0.85	34.9	26°13'00"	90°14'30"	Alluvium	Brahmaputra
Chapar	78J3B2	Dug	0.9	39	26°16'18"	90°27'36"	Alluvium	Brahmaputra
Dakhin Tokesara	ASDH16	Dug	1.36	23	26°06'12"	89°50'13"	Alluvium	Brahmaputra
Dhubri Town	78F4D4	Dug	1	45	26°01'00"	89°59'00"	Alluvium	Brahmaputra
Matiabag OW	ASDH19	Tube	0.73	24	26°06'00"	89°59'00"	Alluvium	Brahmaputra
Moterjhar	ASDH17	Dug	0.81		26°07'40"	89°52'30"	Alluvium	Brahmaputra
Panbari	78J4A2	Dug	0.86	44.2	26°09'00"	90°03'00"	Gneiss	Brahmaputra
Sarpamari Beat	ASDH13	Dug	0.91	48	26°13'30"	90°21'30"	Gneiss	Brahmaputra
Sonamukhi	ASDH14	Dug	0.35	33	26°12'05"	90°18'30"	Alluvium	Brahmaputra
Sonamukhi OW	ASDH03	Tube	1	32	26°12'26"	90°17'44"	Gneiss	Brahmaputra
Tamarhat	78F4D2	Dug	0.8	36.76	26°11'30"	89°52'00"	Alluvium	Brahmaputra
Chandardinga	ASDH04	Dug	0.85	23	26°11'25"	90°21'34"	Alluvium	Brahmaputra
Chandardinga OW	ASDH05	Tube	0.89	60	26°11'26"	90°21'22"	Amphibolite	Brahmaputra
Dibrugarh								

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
AMC Campus	ASDB14	Tube	0.66	94	27°02'14"	94°02'14"	Alluvium	Brahmaputra
Azarguri gaon	83I3D4	Dug	0.64	100.51	27°19'00"	94°57'00"	Alluvium	Brahmaputra
Barbaruah	83I3D6	Dug	1.05	115.69	27°23'55"	94°52'55"	Alluvium	Brahmaputra
Chabua	83M3A2	Dug	0.59	119.88	27°29'15"	95°11'30"	Alluvium	Brahmaputra
Dikom	83M3A1	Dug	0.68	109.94	27°28'00"	95°04'05"	Alluvium	Brahmaputra
Domar Dolong Tw	ASDB12	Tube	1	110.16	27°12'50"	94°57'00"	Alluvium	Brahmaputra
Lepetkata	ASDB13	Dug	0.8	86	27°22'20"	94°52'22"	Alluvium	Brahmaputra
Melengial PWSS	ASDB15	Tube	0.82	102	27°02'14"	95°26'34"	Alluvium	Brahmaputra
East Karbi Anglong								
Adarakha Tiniali	ASKA44	Dug	0.87	120	26°07'03"	93°47'06"	Alluvium	Brahmaputra
Amlokhi	ASKA53	Dug	1.35	144	25°57'40"	93°29'19"	Alluvium	Brahmaputra
Balipathar	83F4D3	Dug	0.9	125.88	26°09'25"	93°48'00"	Alluvium	Brahmaputra
Bokajan I	ASKA41	Dug	0.75	127	26°08'32"	93°51'10"	Alluvium	Brahmaputra
Bokajan II	ASKA42	Dug	0.6	127	26°01'38"	93°45'48"	Alluvium	Brahmaputra
Bokoliaghat	ASKA34	Dug	1	74	26°03'49"	93°11'06"	Alluvium	Brahmaputra
Bokulia	83G1C3	Dug	0.69	104.78	25°52'30"	93°32'00"	Alluvium	Brahmaputra
Dengaon	ASKA08	Dug	0.93	68	26°12'45"	92°58'19"	Alluvium	Brahmaputra
Deopani	83F4D4	Dug	1.05	116.16	26°13'15"	93°50'32"	Alluvium	Brahmaputra
Dillai	83G1C4	Dug	0.69	145	25°57'45"	93°35'06"	Alluvium	Brahmaputra
Diphu	83G1B1	Dug	0.79	183.6	25°50'30"	93°27'00"	Sandstone	Brahmaputra
Diphu (Lumding Road)	ASKA58	Dug	0.69		25°50'04"	93°24'24"	Sandstone	Brahmaputra
Diphu(Matibung Road)	ASKA57	Dug	1.17	166	25°50'46"	93°26'41"	Sandstone	Brahmaputra
Dishobai	ASKA35	Dug	0.67	97	26°03'49"	93°11'06"	Alluvium	Brahmaputra
Dokomka	ASEKA01	Dug	1.2	80.35	26°12'30"	93°03'56"	Alluvium	Brahmaputra
Ghouria Dhubi	ASKA43	Dug	0.8	168	26°00'17"	93°46'07"	Alluvium	Brahmaputra
Hapjan	83G1C1	Dug	0.82	148.35	25°54'10"	93°32'00"	Sandstone	Brahmaputra
Hidipi	83F4C1	Dug	0.8	169	26°01'07"	93°38'01"	Alluvium	Brahmaputra
Khatkhathi	83G1D3	Dug	0.79	139.16	25°58'38"	93°45'45"	Alluvium	Brahmaputra
Khatkhathi I	ASKA50	Dug	0.54	143	25°59'29"	93°45'51"	Alluvium	Brahmaputra
Lahorijan	ASKA51	Dug	0.75	154	25°54'25"	93°39'40"	Alluvium	Brahmaputra
Lakhijan	ASKA52	Dug	0.99	135	26°03'02"	93°44'53"	Alluvium	Brahmaputra
Langhing	ASKA32	Dug	0.84		26°12'10"	93°08'01"	Alluvium	Brahmaputra
Manikpur	83F4A6	Dug	0.87	98.64	26°14'57"	93°09'04"	Alluvium	Brahmaputra
Manja Bus Stand	ASKA39	Dug	0.2	129	25°58'12"	93°26'14"	Alluvium	Brahmaputra
Mohendijua	ASKA38	Dug	1	132	25°59'40"	93°24'39"	Alluvium	Brahmaputra
Phonglangso	ASKA36	Dug	0.92	119	26°00'34"	93°15'44"	Alluvium	Brahmaputra
Phuloni	83F4A2	Dug	0.94	90.56	26°10'56"	93°08'49"	Alluvium	Brahmaputra
Saphapani	ASKA45	Dug	0.89	109	26°11'48"	93°47'43"	Alluvium	Brahmaputra
Silanijan	83F3D1	Dug	0.8	106.35	26°19'00"	93°52'30"	Alluvium	Brahmaputra
Swarghati	ASKA31	Dug	0.63	82	26°12'10"	93°06'33"	Alluvium	Brahmaputra
Terangaon	ASKA37	Dug	1	120	26°01'02"	93°22'54"	Alluvium	Brahmaputra
Goalpara								
Agia2	ASGP21	Dug	0.65	35	26°04'56"	90°32'59"	Alluvium	Brahmaputra
Baida	78J4B3	Dug	0.7	65	26°01'33"	90°24'59"	Gneiss	Brahmaputra
Bhalukdubi (Goalpara)	ASGP15	Dug	0.8	41	25°07'50"	90°35'42"	Alluvium	Brahmaputra
Damra	78K1D8	Dug	0.9	59	25°55'45"	90°46'35"	Alluvium	Brahmaputra
Dudhnai	78K1D1	Dug	0.75	41	25°58'51"	90°46'54"	Alluvium	Brahmaputra
Dudhnoi II	ASGP17	Dug	0.75	53	25°57'07"	90°46'23"	Alluvium	Brahmaputra
Dwarka	ASGP19	Dug	0.9	49	25°03'24"	90°29'43"	Alluvium	Brahmaputra
Krishnai	78J4C1	Dug	0.8	57	26°02'05"	90°39'42"	Alluvium	Brahmaputra
Pattarpara	ASGP22	Dug	0.7	44	25°58'04"	90°54'23"	Alluvium	Brahmaputra
Rongjuli	78K1D2	Dug	0.3	59	25°58'10"	90°55'30"	Alluvium	Brahmaputra
Salpara	ASGP16	Dug	0.7	52	26°00'46"	90°42'03"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Sarapara	ASGP23	Dug	0.85	57	25°58'17"	90°57'09"	Alluvium	Brahmaputra
Teuli	ASGP20	Dug	0.6	47	26°04'24"	90°30'50"	Alluvium	Brahmaputra
Golaghat								
Bokakhat I	ASGL12	Dug	0.7	72	26°38'14"	94°37'40"	Alluvium	Brahmaputra
Butalikua	ASGL16	Dug	0.95	55	26°34'54"	93°52'12"	Alluvium	Brahmaputra
Gandhibari Namghar	ASGL10	Dug	0.82	88	26°31'38"	94°48'35"	Alluvium	Brahmaputra
Garampani	ASGL15	Dug	0.75	95	26°23'34"	93°52'49"	Alluvium	Brahmaputra
Garigaon	ASGL17	Dug	1	80	26°26'53"	93°58'18"	Alluvium	Brahmaputra
Haldibari Buri Ai	ASGL13	Dug	0.4	87	26°35'09"	93°19'33"	Alluvium	Brahmaputra
Kahara Kaziranga	83F2B1	Dug	1.1	81.44	26°37'00"	93°27'30"	Alluvium	Brahmaputra
Oating	83J3A1	Dug	0.75	109.06	26°26'00"	94°00'30"	Alluvium	Brahmaputra
Hailakandi								
Burakhai	ASHL08	Dug	0.8	12	24°37'45"	92°40'29"	Alluvium	Meghna
Katlicherra N	ASHL02A	Dug	0.2	35	24°27'05"	92°37'10"	Alluvium	Meghna
Lakhinagar	ASHL09	Dug	0.85	18	24°36'11'	92°31'52'	Alluvium	Meghna
Lala	ASHL10	Dug	0.62		24°35'52'	92°33'43'	Alluvium	Meghna
Monacherra	83D2C3	Tube	0.89	4	24°36'45"	92°33'15"	Sandstone	Meghna
Panchgram New	ASHL05A	Dug	0.9	21	24°51'30"	92°36'02"	Alluvium	Meghna
Syedband Part II	ASHL01A	Dug	0.9	25	24°43'39"	94°35'00"	Alluvium	Meghna
Hojai								
Lanka	83C1D1	Dug	0.72	79.71	26°11'17"	92°44'10"	Alluvium	Brahmaputra
Lumding	83G1A1	Dug	0.7	137.02	25°46'00"	93°10'30"	Sandstone	Brahmaputra
Tirchang	ASNG47	Dug	0.85		26°08'16"	92°48'42"	Alluvium	Brahmaputra
Zebra Khua	ASNG33	Dug	0.85	82.25	26°08'20"	92°48'31"	Alluvium	Brahmaputra
Jorhat								
Bijay Nagar	ASJR33	Dug	0.41		26°43'21"	94°10'38"	Alluvium	Brahmaputra
Cinemora	ASJR18	Dug	0.53		26°42'34"	94°12'59"	Alluvium	Brahmaputra
Dabarapara charali	83J2B3	Dug	0.85	84.15	26°40'00"	94°24'30"	Alluvium	Brahmaputra
Gatisunga	ASJR37	Dug	1.35	97	26°40'44"	94°23'07"	Alluvium	Brahmaputra
Kamarbandha	ASJR34	Dug	1.25		26°39'36"	94°07'53"	Alluvium	Brahmaputra
Kokilamukh	83J1A3	Dug	0.51		26°49'07"	94°10'18"	Alluvium	Brahmaputra
Kunwari Pukhuri	ASJR35	Dug	0.55		26°41'54"	94°12'25"	Alluvium	Brahmaputra
Lichubari	ASJR21	Dug	0.92		26°43'38"	94°12'38"	Alluvium	Brahmaputra
Meleng Kaparadharia	ASJR28	Dug	0.75		26°47'25"	94°18'08"	Alluvium	Brahmaputra
Sodial Kacharigaon	ASJR22	Dug	1.08		26°30'24"	94°09'25"	Alluvium	Brahmaputra
Titabor	83J2A7	Dug	0.35	96.59	26°36'00"	94°12'30"	Alluvium	Brahmaputra
Kamrup								
Abhaipur	ASKM44	Dug	0.9	34	26°15'15"	91°33'30"	Alluvium	Brahmaputra
Agyathuri	78N4C2	Dug	0.85	49.8	26°12'30"	91°37'30"	Alluvium	Brahmaputra
Alikash Adarsh	78N4C16	Dug	1.05	39	26°14'00"	91°37'00"	Alluvium	Brahmaputra
Bamunigaon I	78N4B3	Dug	0.7	51.67	26°01'15"	91°19'40"	Alluvium	Brahmaputra
Bokol	ASKM39	Dug	0.75	54	25°59'42"	91°16'04"	Alluvium	Brahmaputra
Chandrapur	78N4D9	Dug	0.87	55.66	26°11'32"	91°56'30"	Alluvium	Brahmaputra
Chhaygaon	ASKM41	Dug	0.9	38	26°02'28"	91°21'35"	Alluvium	Brahmaputra
Darkuchi	78N2C4	Dug	0.72	62.56	26°30'30"	91°36'00"	Alluvium	Brahmaputra
Dhobartari	ASKM45	Dug	0.81	43	26°15'30"	91°41'50"	Alluvium	Brahmaputra
Dora Kahara	ASKM47	Dug	0.62	35	26°17'30"	90°43'00"	Alluvium	Brahmaputra
Hajo	78N4C5	Dug	0.82	47.43	26°15'00"	91°32'00"	Alluvium	Brahmaputra
Kahara	78N3C2	Dug	0.9	52.25	26°18'10"	91°43'07"	Alluvium	Brahmaputra
Mirza	ASKM42	Dug	0.8	70	26°05'35"	91°32'50"	Alluvium	Brahmaputra
Rajapara	78O1A3	Dug	0.8	64	25°56'39"	91°07'05"	Alluvium	Brahmaputra
Rangia new	ASKM31	Dug	0.42	27	26°26'15"	91°37'25"	Alluvium	Brahmaputra
Rani	ASKM32	Dug	0.9	76	26°02'27"	91°35'12"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Rani II	ASKM43	Dug	0.85	272	26°04'07"	91°36'22"	Alluvium	Brahmaputra
Sualkuchi	78N4C11	Dug	0.87	38	26°10'15"	91°35'05"	Alluvium	Brahmaputra
Tarani	ASKM48	Dug	0.85	28	26°30'05'	91°35'15'	Alluvium	Brahmaputra
Kamrup Metro								
Amingaon	ASKM46	Dug	0.8	53	26°11'40"	91°39'32"	Alluvium	Brahmaputra
Azara	78N4C1	Dug	1.18	49.51	26°07'00"	91°30'00"	Alluvium	Brahmaputra
Bamfor	ASKM50	Dug	0.96	53	26°06'10"	92°08'31"	Alluvium	Brahmaputra
Boragaon	78N4C7	Dug	0.9	46.81	26°05'00"	91°37'00"	Alluvium	Brahmaputra
Chandrapur	78N4D9	Dug	0.87	55.66	26°11'32"	91°56'30"	Gneiss	Brahmaputra
Dirgheswari	78N4C12	Dug	0.93	50.73	26°14'18"	91°44'34"	Alluvium	Brahmaputra
Kahilipara	78N4D7	Dug	0.75	53	26°08'00"	91°46'00"	Gneiss	Brahmaputra
Khanapara	78N4D3	Dug	0.75	75	26°07'15"	91°49'05"	Alluvium	Brahmaputra
Khetri II	ASKM51	Dug	0.6	58	26°07'08"	92°06'06"	Alluvium	Brahmaputra
Maligaon	78N4C6	Dug	0.87	45.57	26°07'40"	91°37'40"	Alluvium	Brahmaputra
Paltan bazar	78N4C14	Dug	0.84		26°10'42"	91°45'23"	Alluvium	Brahmaputra
Panikhaiti	78N4D4	Dug	0.66	52.34	26°11'30"	91°53'00"	Alluvium	Brahmaputra
Rani I	78N4C9	Dug	0.9	53.64	26°05'00"	91°40'00"	Alluvium	Brahmaputra
Rani2	ASKM43	Dug	0.85	84	26°03'55"	91°36'22"	Alluvium	Brahmaputra
Samata Pathar	ASKM36A	Dug	0.92	60	26°07'08"	91°58'48"	Alluvium	Brahmaputra
Sonapur	83B4A2	Dug	0.85	61.71	26°07'00"	92°00'30"	Alluvium	Brahmaputra
Sonapur II	ASKM52	Dug	1	56	26°07'58"	91°58'48"	Alluvium	Brahmaputra
Topatoli	83B4A4	Dug	0.98	60	26°06'30"	92°07'00"	Alluvium	Brahmaputra
Topatoli New	ASKM35A	Dug	0.5	60.5		92°06'15"	Alluvium	Brahmaputra
Zoo Narengi rd	78N4D2	Dug	1.04	59.22	26°10'30"	91°47'10"	Alluvium	Brahmaputra
Karimganj								
Badarpur	83D1C1	Dug	0.65	8	24°52'00"	92°34'00"	Alluvium	Meghna
Dhaulia	83D2B6	Dug	0.6	41	24°38'30"	92°21'15"	Alluvium	Meghna
Hatikira	83D3B1	Dug	0.66	36	24°26'00"	92°17'30"	Sandstone	Meghna
Kalinagar	ASKG12	Dug	0.78	12	24°35'03'	92°29'01'	Sandstone	Meghna
Karimganj	ASKG15	Dug	0.9	74	24°51'54"	92°21'49"	Alluvium	Meghna
Kayasthagram	ASKG16	Dug	0.92	30	24°43'15"	92°20'47"	Alluvium	Meghna
Patharkandi	ASKG17	Dug	0.99	20	24°35'49"	92°19'14"	Alluvium	Meghna
Rk Nagar I	83D2B4	Dug	0.9	37	24°32'20"	92°29'00"	Sandstone	Meghna
Sarkaribari	83D2B7	Dug	0.85	32	24°33'45"	92°24'50"	Alluvium	Meghna
Kokrajhar								
Amguri	ASKJ01	Dug	0.89	60	26°32'25"	90°20'16"	Alluvium	Brahmaputra
Balajan	ASDH15	Dug	0.83	22	26°05'50"	89°53'13"	Alluvium	Brahmaputra
Bhowraguri	78J3A3	Dug	0.65		26°25'30"	90°04'30"	Alluvium	Brahmaputra
Bisumari	78J2B1	Dug	0.85	68.227	26°34'00"	90°18'00"	Alluvium	Brahmaputra
Borobazar	78J2C1	Dug	1.25		26°24'00"	90°16'48"	Alluvium	Brahmaputra
Dotma	78J3A1	Dug	0.83	51.65	26°29'30"	90°09'30"	Alluvium	Brahmaputra
Gossaigaon	78F3D1	Dug	1.15	47.29	26°26'30"	89°58'00"	Alluvium	Brahmaputra
Haltugaon	78J2C2	Dug	0.9		26°43'00"	90°34'00"	Alluvium	Brahmaputra
Kachugaon	78J2A1	Dug	0.65	57.28	26°34'00"	90°04'00"	Alluvium	Brahmaputra
Kokrajhar	78J3B1	Dug	1	44.685	26°22'45"	90°17'00"	Alluvium	Brahmaputra
Raimona Joypur	ASKJ02	Dug	0.85	47	26°32'03"	90°06'50"	Alluvium	Brahmaputra
Rupshi	78F4D3	Dug	0.9	25	26°07'05"	89°55'21"	Alluvium	Brahmaputra
Sataguri	ASKK20	Dug	1.35		26°27'25"	90°17'10"	Alluvium	Brahmaputra
Serfanguri	78J2A2	Dug	0.78		26°34'09"	90°09'00"	Alluvium	Brahmaputra
Ultapani	78J1B2	Dug	1.2		26°49'30"	90°15'20"	Alluvium	Brahmaputra
Lakhimpur								
Amguri	ASLK23	Dug	1	71	26°53'00"	93°46'00"	Alluvium	Brahmaputra
Amsoi	ASLK01	Dug	0.37		27°02'00"	93°43'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Basudeothan	83I3B8	Dug	0.83	89.56	27°15'30"	94°21'30"	Alluvium	Brahmaputra
Bhogpur charali	83E4D1	Dug	0.82	91.71	27°02'00"	93°50'10"	Alluvium	Brahmaputra
Bihpuria	83E4D4	Dug	0.87	87.28	27°02'00"	93°54'30"	Alluvium	Brahmaputra
Boginadi balijan new	ASLK06	Dug			27°23'0.82"	94°11'20"	Alluvium	Brahmaputra
Borbil Tariyani	ASLK29	Dug	0.82	94	27°24'14"	94°10'06"	Alluvium	Brahmaputra
Dejoo	ASLK24	Dug	1.03	79	27°16'18"	94°01'31"	Alluvium	Brahmaputra
Dolanghat charali	83I4A3	Dug	0.46	93.99	27°10'00"	94°00'00"	Alluvium	Brahmaputra
Harmoti	83E4D6	Dug	1	106	27°07'21"	93°51'20"	Alluvium	Brahmaputra
Islampur	83E4D3	Dug	0.9	86.98	27°04'55"	93°54'00"	Alluvium	Brahmaputra
Kadam	83I3A3	Dug	0.75	92	27°17'40"	94°09'10"	Alluvium	Brahmaputra
Koilamari 6 No Line	ASLK31	Dug	0.95	115	27°18'11"	94°02'01"	Alluvium	Brahmaputra
Laluk	83E4D2	Dug	1.12	93.96	27°07'30"	93°54'30"	Alluvium	Brahmaputra
Madhupur	ASLK22	Dug	0.9	75	27°02'32"	93°48'37"	Alluvium	Brahmaputra
Milanpur	ASLK26	Dug	0.8	98	27°26'14"	94°17'53"	Alluvium	Brahmaputra
Moridirgha	ASLK30	Dug	1.47	88	27°19'11"	94°08'04"	Alluvium	Brahmaputra
N.lakhipur(old)	83I4A1	Dug	1.12	93.35	27°13'00"	94°06'30"	Alluvium	Brahmaputra
Narayanpur	83F1D4	Dug	1.14	83.06	26°57'44"	93°51'26"	Alluvium	Brahmaputra
Panigaon	83I4A2	Dug	0.9	87.74	27°07'00"	94°06'42"	Alluvium	Brahmaputra
Pathalipam	83I3B6	Dug	0.99	100.92	27°26'30"	94°17'00"	Alluvium	Brahmaputra
Pathalipam II	ASLK25	Dug	0.96	111	27°26'39"	94°12'47"	Alluvium	Brahmaputra
Morigaon								
Baghara	83B4B2	Dug	0.92	39	26°11'01"	92°17'51"	Alluvium	Brahmaputra
Baropujia	ASMR14	Dug	0.98	45	26°16'28"	92°29'47"	Alluvium	Brahmaputra
Barukati	ASMR27	Dug	0.44	41	26°23'56"	92°13'56"	Alluvium	Brahmaputra
Basanaghat Ow	ASMR19	Tube	0.8	52	26°08'30"	92°19'27"	Alluvium	Brahmaputra
Charabahi Ow	ASMR22	Tube	0.55	69.29	26°27'30"	92°17'30"	Alluvium	Brahmaputra
Daponibari N	ASMR30	Dug	0.76	61.76	26°08'38"	92°22'27"	Alluvium	Brahmaputra
Deosal	ASMR12	Dug	0.94	40	26°07'35"	92°15'09"	Alluvium	Brahmaputra
Garmari gaon	83B3A4	Dug	1	38	26°15'21"	92°13'46"	Alluvium	Brahmaputra
Jagiroad	83B4A1	Dug	0.62	65.24	26°07'00"	92°10'00"	Alluvium	Brahmaputra
Kumoi	ASMR15	Dug	1.13	45	26°11'38"	92°14'46"	Alluvium	Brahmaputra
Moirabari	ASMR25	Dug	0.98	94.58	26°27'16"	92°25'19"	Alluvium	Brahmaputra
Miarabari New	83B3B3	Dug	0.9	94.58	26°27'13"	92°24'42"	Alluvium	Brahmaputra
Nasatra	83B4A5	Dug	1	57.11	26°13'30"	92°13'00"	Alluvium	Brahmaputra
Nelle New	ASMR11	Dug	0.84	59.9	26°57'45"	92°42'10"	Alluvium	Brahmaputra
Pamibahua	ASMR16	Dug	0.92	64.33	26°14'27"	92°15'50"	Alluvium	Brahmaputra
Solmari Ow	ASMR21	Tube	0.72	66.03	26°13'45"	92°23'00"	Alluvium	Brahmaputra
Nagaon								
Amsoi	83B4B5	Dug	0.77	65.77	26°08'16"	92°25'27"	Alluvium	Brahmaputra
Bagori	83F2A4	Dug	1.15	73.08	26°33'00"	93°15'00"	Alluvium	Brahmaputra
Balijan Ow	ASNG42	Tube	0.8	75.2	26°19'44"	92°51'07"	Alluvium	Brahmaputra
Bamuni	ASNG50	Dug	0.9	44.71	26°12'10"	92°52'21"	Alluvium	Brahmaputra
Bamuni tinali	83B3D9	Dug	1.41	58.82	26°18'00"	92°47'00"	Alluvium	Brahmaputra
Beldonga mandir	83B4D8	Dug	0.84	80.01	26°08'19"	92°49'20"	Alluvium	Brahmaputra
Bichamari	83B3B1	Dug	0.87	56.42	26°25'00"	92°27'30"	Alluvium	Brahmaputra
Bordowa	83B3C2	Dug	1.01	57.78	26°24'20"	92°32'30"	Alluvium	Brahmaputra
Dakhinpath OW	ASNG44	Tube	0.72	72.01	26°15'33"	92°38'38"	Alluvium	Brahmaputra
Dalapani	ASNG39	Dug	0.9	77.25	26°34'01"	92°51'44"	Alluvium	Brahmaputra
Dhing	83B3B6	Dug	0.49	60.15	26°29'00"	92°29'30"	Alluvium	Brahmaputra
Doboka	83B4D1	Dug	0.8	60.61	26°11'30"	92°51'00"	Alluvium	Brahmaputra
Ghasibasti Ow	ASNG46	Tube	0.4	52.72	26°20'51"	92°52'31"	Alluvium	Brahmaputra
Gomotha	ASNG34	Dug	0.85		26°20'44"	92°44'55"	Alluvium	Brahmaputra
Haldiati sub bt	83B4D6	Dug	0.89	85.2	26°10'19"	92°56'20"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Hatenibatha	ASNG35	Dug	0.68		26°20'11"	92°45'40"	Alluvium	Brahmaputra
Jurapukhuri	83C1D7	Dug	0.84	74.69	25°59'00"	92°55'44"	Alluvium	Brahmaputra
Kathiatoli	83B4C4	Dug	0.94	63.22	26°11'13"	92°44'06"	Alluvium	Brahmaputra
Kazirang Tourist Vil	ASNG27	Dug	0.6		26°35'09"	93°23'42"	Alluvium	Brahmaputra
Kondali	83B3D5	Dug	0.99	82.99	26°15'45"	92°47'00"	Alluvium	Brahmaputra
Langteng TE	83F3A2	Dug	0.85	75.31	26°27'00"	93°04'00"	Gneiss	Brahmaputra
Nadeorigaon	83B4D2	Dug	0.83	61.56	26°05'15"	92°47'00"	Alluvium	Brahmaputra
Naltali	ASNG37	Dug	0.66	56	26°33'00"	92°53'37"	Alluvium	Brahmaputra
Pahukata	ASNG36	Dug	0.91	66.6	26°24'07"	92°48'31"	Alluvium	Brahmaputra
Phulaguri	ASNG48	Dug	0.98	58	26°16'02"	92°35'9"	Alluvium	Brahmaputra
Phulaguri R6	83F2A5	Dug	0.37	75	26°34'40"	93°11'07"	Alluvium	Brahmaputra
Rangamati Ow	ASNG45	Tube	0.8	60	26°24'45"	92°25'45"	Alluvium	Brahmaputra
Silghat	83B2D6	Dug	0.96	63	26°35'32"	92°56'04"	Alluvium	Brahmaputra
Sulung p.o.	83B3D8	Dug	0.74	66.49	26°24'00"	92°58'00"	Alluvium	Brahmaputra
Telia bebejia	83B3C7	Dug	0.5	66.96	26°25'00"	92°37'00"	Alluvium	Brahmaputra
Nalbari								
Daulasal	ASBP14	Dug	1.07	37	26°16'06"	91°14'03"	Alluvium	Brahmaputra
Daulasal OW	ASBP15	Tube	0.8	40	26°16'08"	91°13'17"	Alluvium	Brahmaputra
Dumnibazar	78N2B2	Dug	0.57	77.75	26°35'30"	91°18'54"	Alluvium	Brahmaputra
Tihu	78N3B3	Dug	0.93	51.63	26°28'30"	91°15'27"	Alluvium	Brahmaputra
Sibsagar								
Athkhel Grant	ASSA05	Dug	0.5		26°46'52"	94°40'49"	Alluvium	Brahmaputra
Bandarmari	83I4C14	Dug	0.87	67	27°11'45"	94°44'55"	Alluvium	Brahmaputra
Betbari alimore	83I4C8	Dug	0.68		27°00'55"	94°39'45"	Alluvium	Brahmaputra
Borkula	ASS102	Tube	0.82	81	26°55'47"	94°44'39"	Alluvium	Brahmaputra
Demow Sukan	83I4C11	Dug	0.7	79	27°08'45"	94°44'50"	Alluvium	Brahmaputra
Dhapaboria	83I4C5	Dug	0.84		27°02'10"	94°36'00"	Alluvium	Brahmaputra
Garbhaga	ASS101	Tube	0.85	81	27°11'56"	94°45'00"	Alluvium	Brahmaputra
Geleki	83J1C9	Dug	0.43		26°48'15"	94°42'30"	Alluvium	Brahmaputra
Hanumanbagh	83J1C7	Dug	0.86		26°54'10"	94°43'15"	Alluvium	Brahmaputra
Madhuri Gohain Gaon	ASSA03	Tube	1		26°06'00"	94°42'00"	Alluvium	Brahmaputra
Moranhat	83I4D1	Dug	0.5	106.43	27°12'00"	94°56'00"	Alluvium	Brahmaputra
Santak	ASSA04	Dug	1		26°52'45"	94°48'00"	Alluvium	Brahmaputra
Sapekhati	83M4A1	Dug	1	110.71	27°05'00"	95°12'00"	Alluvium	Brahmaputra
Sibsagar	83J1C2	Dug	0.73	96	26°59'30"	94°38'00"	Alluvium	Brahmaputra
Sonarigaon	ASSA02	Dug	0.68		26°44'12"	94°44'07"	Alluvium	Brahmaputra
Sonitpur								
18th Mile	ASSP29	Dug	1	105	26°45'00"	92°48'00"	Alluvium	Brahmaputra
Balipara	83B1D4	Dug	0.9	91	26°49'21"	92°47'10"	Alluvium	Brahmaputra
Barchola	83B2B5	Dug	0.83	69.71	26°36'30"	92°23'00"	Alluvium	Brahmaputra
Charduar	83B1D1	Dug	0.72	84	26°52'00"	92°46'30"	Alluvium	Brahmaputra
Dhalaibil	83B1D3	Dug	0.75	74	26°46'34"	92°54'17"	Alluvium	Brahmaputra
Garumari	83B1D2	Dug	0.88	71	26°52'00"	92°48'45"	Alluvium	Brahmaputra
Jamuguri North	83B2D3	Dug	0.89	77.12	26°43'00"	92°55'30"	Alluvium	Brahmaputra
Na Pam	ASSP31	Dug	1	72	26°41'17"	92°22'40"	Alluvium	Brahmaputra
Tezpur	83B2D2	Dug	0.91	70.06	26°37'30"	92°48'00"	Alluvium	Brahmaputra
Thelamara	ASSP30	Dug	0.54	33	26°41'40"	92°35'12"	Alluvium	Brahmaputra
Tolakbari Ow	ASSP34	Tube	0.72	63	26°41'51"	92°57'22"	Alluvium	Brahmaputra
Tupia	ASSP28	Dug	0.74	76	26°47'56"	92°43'40"	Alluvium	Brahmaputra
Tinsukia								
Borgolai	83M3C2	Dug	0.4	141.51	27°17'30"	95°37'30"	Alluvium	Brahmaputra
Borgolai New	ASTS21	Dug	0.75	134.68	27°17'30"	95°37'30"	Alluvium	Brahmaputra
Chapakhowa	ASTS20	Dug	0.75	134.68	27°54'28"	95°45'57"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Digboi	83M3C1	Dug	0.95	151.5	27°23'30"	95°38'30"	Alluvium	Brahmaputra
Jagun	83M3D4	Dug	0.9	157.9	27°23'37"	95°53'57"	Alluvium	Brahmaputra
Jaipur Naharjan	83M4B5	Dug	0.5	127.37	27°14'29"	95°24'47"	Alluvium	Brahmaputra
KumsangSelenguri	ASTS22	Dug	0.56	133	27°30'00"	95°27'00"	Alluvium	Brahmaputra
Lekhapani	83M3D1	Dug	0.49	147.5	27°18'00"	95°51'30"	Alluvium	Brahmaputra
Panitola	83M3B4	Dug	0.62	117.64	27°29'35"	95°15'36"	Alluvium	Brahmaputra
Tinsukia	83M3B2	Dug	0.75	127.37	27°28'30"	95°22'00"	Alluvium	Brahmaputra
Tipong	ASTS20	Dug	0.92	94	27°17'18"	95°51'36"	Alluvium	Brahmaputra
Tirap gate	83M3D2	Dug	0.8	148.8	27°19'52"	95°51'11"	Sandstone	Brahmaputra
Udalguri								
Goroibari	ASDR31	Dug	0.46	49	26°45'05"	92°08'30"	Alluvium	Brahmaputra
Bengbari	78N2D10	Dug	1	104.88	26°43'25"	91°59'00"	Alluvium	Brahmaputra
Bhalukmari	83B2A7	Dug	0.82	45	26°41'55"	92°13'50'	Alluvium	Brahmaputra
Hatitopagaon	83B1B1	Dug	0.76	140.86	26°50'41"	92°19'16"	Alluvium	Brahmaputra
Kalaigaon	78N2D3	Dug	0.77	69.22	26°34'30"	91°58'00'	Alluvium	Brahmaputra
Madhupur	83B2A6	Dug	0.75		26°36'10"	92°14'20"	Alluvium	Brahmaputra
Orang	83B2B1	Dug	1.2	85.17	26°42'50"	92°19'30"	Alluvium	Brahmaputra
Paneri	78N2D9	Dug	0.95	106.68	26°43'15"	91°55'00"	Alluvium	Brahmaputra
Rowta chariali	83B2A3	Dug	0.82	100.83	26°45'02'	91°53'00'	Alluvium	Brahmaputra
Tangla	78N2D2	Dug	0.8	80.56	26°42'30"	92°12'00'	Alluvium	Brahmaputra
Thekerabari .1	83B2A1	Dug	0.91	59.88	26°39'00"	91°54'30"	Alluvium	Brahmaputra
Udalguri	83B2A4	Dug	0.84	107.86	26°45'00"	92°06'30"	Alluvium	Brahmaputra
West Karbi Anglong								
Boithalansu	83C1C2	Dug	0.97	69.3	25°58'45"	92°36'19"	Alluvium	Brahmaputra
Donkamokam	83C1C1	Dug	0.95	74.89	25°56'00"	92°42'31"	Alluvium	Brahmaputra
Kalonga	83C1D2	Dug	0.77	91.92	25°51'43"	92°46'06"	Alluvium	Brahmaputra
Kheronighat	83C1D3	Dug	0.88	79.87	25°50'49"	92°53'52"	Alluvium	Brahmaputra
Meghalaya								
East Garo Hills								
Baiza Rongreng	MLEG15	Dug	0.75		25°32'33"	90°35'06"	Sandstone	Meghna
Darugiri	78K2D2	Dug	0.77	338	25°37'09"	90°46'03"	Alluvium	Brahmaputra
Depa sarangma	78K1D4	Dug	0.8	63.95	25°52'00"	90°47'00"	Alluvium	Brahmaputra
Dobu	MLEG13	Dug	0.6	290	25°33'58"	90°42'47"	Granite	Brahmaputra
Narringirri	MLEG14	Dug	0.85		25°36'37"	90°44'23"	Granite	Brahmaputra
Rongjeng	78K2D1	Dug	0.84	300.43	25°40'00"	90°48'15"	Quartzite	Brahmaputra
Rongmil	78K2D3	Dug	0.78		25°44'10"	90°49'28"	Gneiss	Brahmaputra
Samanda Megapagre	MLEG16	Dug	1		25°34'38"	90°31'37"	Sandstone	Meghna
Songsak	MLEG17	Dug	0.85	275	25°39'48"	90°36'37"	Sandstone	Meghna
Williamnagar	78K2C2	Dug	0.9	245	25°30'36"	90°31'10"	Alluvium	Meghna
East Jaintia Hills								
Powergrid Khliehriat	MLEJ01	Bore	0.6	1142	25°20'40"	92°22'11"	Quartzite	Brahmaputra
East Khasi Hills								
Cherrapunji	78O3C1	Dug	0.2	1411.47	25°27'00"	91°49'00"	Gneiss	Meghna
Dangar	MLEK14	Dug	0.8	19	25°11'20"	91°22'53"	Quartzite	Brahmaputra
Golf Link	MLEK07	Dug	0.75	1440	25°34'55"	91°53'40"	Quartzite	Brahmaputra
Ichamati	MLEK15	Dug	0.9	51	25°09'54"	91°41'12"	Quartzite	Brahmaputra
Lachumiere	MLEK09	Dug	0.8	1586	25°34'14"	91°53'25"	Quartzite	Brahmaputra
Lapalang	MLEKHOW5	Tube	0.42	1500	25°34'09"	91°55'08"	Quartzite	Brahmaputra
Mawpat	MLEK11	Dug	0.54	1462	25°35'34"	91°55'09"	Quartzite	Brahmaputra
Nit Cherrapunji	MLEKHOW3	Tube	0.5	594	25°15'01"	91°44'39'	Quartzite	Brahmaputra
Nongmynsong	MLEK12	Dug	0.52	1437	25°34'47"	91°54'25"	Quartzite	Brahmaputra
Nongpyiur	MLEKHOW4	Tube	0.8	1772	25°32'31"	91°49'25"	Quartzite	Brahmaputra
Water Resources Dept	MLEKOW1	Dug	0.5	151.4	25°33'56"	91°53'46"	Quartzite	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
North Garo Hills								
Bajengdoba	78K1C2	Dug	0.97	272	25°53'10"	90°30'45"	Alluvium	Brahmaputra
Dainadubi	MLEG11	Dug	0.8		25°53'56'	90°46'39'	Sandstone	Brahmaputra
Kharkutta	78K1D7	Dug	0.93	43	25°54'20"	90°53'40"	Alluvium	Brahmaputra
Mendal	78K1B1	Dug	0.8	64	25°49'29"	90°27'57"	Gneiss	Brahmaputra
Mendipathar	78K1C1	Dug	0.72	58.22	25°55'15"	90°30'30"	Alluvium	Brahmaputra
Ri-Bhoi								
Byrnihat	MLRB02A	Dug	0.45	89	25°42'39"	92°01'22"	Sandstone	Brahmaputra
Lumkeni	MLRBOW7	Bore	0.6	683	25°46'37"	91°51'23"	Gneiss	Brahmaputra
Nayabunglow	MLRB04	Dug	0.94	861	25°44'48"	91°53'12"	Gneiss	Brahmaputra
Nongladew	MLRBOW02	Bore	0.77	364	25°54'10"	91°42'04"	Granite Gneiss	Brahmaputra
Nongpoh	78O1D1	Dug	0.95	540.47	25°54'00"	91°53'00"	Gneiss	Brahmaputra
Pahanmawlier	MLRB06	Dug	0.8	322	25°59'41"	91°51'42"	Gneiss	Brahmaputra
Patharkhamma Barigaon	MLRB9	Dug	0.9	336	25°52'17"	91°35'41"	Gneiss	Brahmaputra
Purduwa	MLRBOW4	Bore	0.67	601	25°54'51"	91°56'29"	Gneiss	Brahmaputra
RPBF Kyrdemkulai	MLRBOW9	Bore	0.6	788	25°44'57"	91°50'14'	Gneiss	Brahmaputra
Sohpdok	MLRBOW5	Bore	0.7	960	25°45'16"	91°57'56"	Quartzite	Brahmaputra
Tamanpahlong	MLRB	Dug	0.75	584	25°55'33"	91°56'41"	Gneiss	Brahmaputra
Tdohumshiw	MLRBOW6	Bore	0.65	1124	25°46'57"	92°01'06"	Quartzite	Brahmaputra
Umroi Maidan	MLRB8	Dug	0.4	904	25°43'06"	91°58'22"	Gneiss	Brahmaputra
South West Garo Hills								
Ampati	78G3D1	Dug	1.5	33.11	25°30'00"	89°57'30"	Alluvium	Brahmaputra
Betasing II	ASWG25	Dug	0.7	18	25°30'40"	89°57'15"	Sandstone	Brahmaputra
Garobandha	78K2A1	Dug	0.89	20.25	25°35'00"	90°02'00"	Sandstone	Brahmaputra
Mahendrananj	78G3D2	Dug	1	17.51	25°18'00"	89°51'35"	Alluvium	Brahmaputra
Zikzak	78G3D5	Dug	0.84	38	25°23'28"	89°53'56"	Alluvium	Brahmaputra
West Garo Hills								
Asanang	78K2B1	Dug	0.77	441	25°35'58"	90°16'32"	Gneiss	Brahmaputra
Baljek	ASWG17	Dug	0.7	315	25°39'50"	90°16'32"	Alluvium	Brahmaputra
Belguri	ASWG21	Dug	0.7	79	25°57'50"	90°20'34"	Alluvium	Brahmaputra
Dalu	MLWG25	Dug	1	26	25°13'40"	90°12'45"	Sandstone	Brahmaputra
Damjongre	MLWG21	Dug	0.8	140	25°26'58"	90°02'12"	Sandstone	Brahmaputra
Nidanpur II	ASWG19	Dug	0.9		25°56'07"	90°07'30"	Sandstone	Brahmaputra
Phulbari	78K1A1	Dug	0.95	30.95	25°53'00"	90°03'00"	Alluvium	Brahmaputra
Phutamati	ASWG20	Dug	0.8	40	25°56'36"	90°13'12"	Sandstone	Brahmaputra
Purkhasia	78K3A1	Dug	0.78	27.92	25°18'00"	90°01'00"	Alluvium	Brahmaputra
Rajabala	ASWG26	Dug	0.72	23	25°45'20"	89°58'51"	Alluvium	Brahmaputra
Rongram	ASWG18	Dug	0.9	334	25°50'39"	90°12'56"	Granite	Brahmaputra
Salsella	MLWG22	Dug	0.85	86	25°41'41"	90°00'50"	Sandstone	Brahmaputra
Snalgre	MLWG23	Dug	0.72	282	25°44'44"	90°24'06"	Sandstone	Brahmaputra
Tikrikilla	78K1A2	Dug	0.87	36.95	25°56'45"	90°14'40"	Alluvium	Brahmaputra
West Jaintia hills								
Dauki	83C4A1	Dug	0.7	70.95	25°28'00"	91°49'00"	Alluvium	Meghna
Jowai	83C3A1	Dug	0.83	1219.08	25°26'30"	92°10'30"	Sandstone	Meghna
DIET Thadlaskein	MLWJ01	Dug	0.62	1380	25°29'38"	92°10'06"	Sandstone	Meghna
West Khasi Hills								
Mairang	78O2C1	Dug	0.3	1663	25°34'40"	91°38'30"	Gneiss	Brahmaputra
Nongdaju	MLWK01	Dug	0.4	1663	25°33'02"	90°55'07"	Gneiss	Brahmaputra
Nagaland								
Dimapur								
3 Mile Bazar	NLDM19	Dug	0.9	146	25°52'50"	93°45'44"	Alluvium	Brahmaputra
7th Mile Colony	NLDM21	Dug	0.7	170	25°50'38"	93°46'27"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Bade Bazar	NLDM14	Dug	0.8	155	25°49'33"	93°41'07"	Alluvium	Brahmaputra
Chumukidema	83G1D1	Dug	0.85	182	25°48'00"	93°47'45"	Alluvium	Brahmaputra
Dhansiripar	83G1C5	Dug	0.8	168.54	25°46'00"	93°37'00"	Sandstone	Brahmaputra
Dimapur	83G1C2	Dug	0.7	152.26	25°54'20"	93°42'45"	Alluvium	Brahmaputra
Diphupar	NLDM22	Dug	0.85	151	25°51'52"	93°46'24"	Alluvium	Brahmaputra
Doyapur DMC	NLDM12	Dug	0.63	158	25°45'40"	93°36'02"	Alluvium	Brahmaputra
Industrial Estate	83G1C7	Dug	0.9	158	25°53'58"	93°41'59"	Alluvium	Brahmaputra
Jalukie	83G2C1	Dug	0.89		25°38'00"	93°39'00"	Alluvium	Brahmaputra
Maibiram	NLDM13	Dug	0.7	160	25°46'58"	93°37'25"	Alluvium	Brahmaputra
Marwari Colony	83G1C9	Dug	0.76	153	25°54'10"	93°43'45"	Alluvium	Brahmaputra
Purana Bazar	83G1C10	Tube	0.5	140	25°54'54"	93°44'58"	Alluvium	Brahmaputra
Rilayan Colony	NLDM24	Dug	1.19	149	25°54'10"	93°41'04"	Alluvium	Brahmaputra
Seirujha Colony, Chumukedima	83G9GM11	Tube	1	165	25°48'01"	93°45'43"	Alluvium	Brahmaputra
Singrijan	83G1C6	Dug	0.66	155	25°50'00"	93°43'00"	Sandstone	Brahmaputra
Thilaxu Block-II	NLDM16	Dug	0.61	145	25°52'38"	93°44'15"	Alluvium	Brahmaputra
Zakesatho Colony	NLDM23	Dug	0.85	135	25°55'06"	93°43'44"	Alluvium	Brahmaputra
Zion Hospital	NLDM18	Dug	0.85		25°54'39"	93°44'46"	Alluvium	Brahmaputra
Kohima								
Cathedral Complex	83K2A1	Dug	0.89	1590	25°39'00"	94°06'25"	Sandstone	Brahmaputra
NLSA Complex	83K2A2	Tube	0.5	1310	25°43'02"	94°06'31"	Sandstone	Brahmaputra
Sepfuzou Colony	83K2A3	Dug	0.76	1425	25°41'03"	94°06'22"	Sandstone	Brahmaputra
Mokokchung								
Lampi	83J3B1	Tube	0.5	189.91	26°27'30"	94°22'10"	Sandstone	Brahmaputra
Mon								
Mon Town	83N2GM14	Tube	0.8		26°50'28"	94°55'16"	Alluvium	Brahmaputra
Namsa	83J1D1	Dug	0.73	125.83	26°51'30"	94°56'30"	Alluvium	Brahmaputra
Phek								
Phek Town	83K6GM13	Tube	0.8		25°42'30"	94°27'50"	Alluvium	Brahmaputra
Tuensang								
Tuensang	83J16GM12	Tube	0.9		26°14'03"	94°48'50"	Alluvium	Brahmaputra
Wokha								
New Market	83J4B2	Dug	0.41	1365	26°05'39"	94°15'23"	Sandstone	Brahmaputra
Tourist Lodge	83J4B1	Dug	0.8	1370	26°06'20"	94°15'26"	Alluvium	Brahmaputra
Wokha Town	83N2GM15	Tube			26°10'33"	94°15'11"	Alluvium	Brahmaputra
Tripura								
Dhalai								
Abhanga N	TRDL04	Dug	0.77	58.7	24°03'14"	91°49'51"	Alluvium	Meghna
Ambassa N	TRDL06	Dug	0.92	58.89	23°54'55"	91°52'00"	Alluvium	Meghna
Chawmanu	TRDL13	Dug	0.82	59	23°51'44"	91°59'56"	Alluvium	Meghna
Darlang Basti	TRDL02	Dug	0.9	205	24°06'43"	92°11'54"	Alluvium	Meghna
Durga Cherra	TRDL09	Dug	0.98	87	23°36'32"	91°49'33"	Alluvium	Meghna
Durga Chowmuhani	TRDL01	Dug	0.8	47	24°06'43"	92°11'54"	Alluvium	Meghna
J.M. Complex, Chailengta	TRDL12	Dug	1.3	54	23°56'37"	92°00'19"	Alluvium	Meghna
Kali Kumar Para	TRDL10	Dug	0.78	43	23°06'05"	91°51'36"	Alluvium	Meghna
Kamalpur	78P4D1	Dug	0.66	32.59	24°12'15"	91°50'30"	Alluvium	Meghna
Kulai	TRDL08	Pz	0.76	34	23°56'55.1"	91°49'34.5"	Alluvium	Meghna
Lalchhari	TRDL03	Dug	0.92	66	23°56'03"	91°51'16"	Alluvium	Meghna
Manu N	TRDL05	Dug	0.95	39.5	24°00'00"	91°59'00"	Sandstone	Meghna
Nuna Cherra	TRDL11	Dug	0.83	106	23°47'15"	91°51'19"	Alluvium	Meghna
Sindhu Kumar	TRDL07	Dug	0.9	55	23°57'09"	91°57'38"	Sandstone	Meghna
Gomati								

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Amarpur	TRST05	Dug	0.89	39.96	23°30'49"	91°39'24"	Alluvium	Meghna
Bampur	TRST 06	Dug	0.96	41	23°33'44"	91°38'07"	Alluvium	Meghna
Dewanbari	TRGM04	Dug	0.78	57	23°33' 28"	91°32'07"	Alluvium	Meghna
Dhawajnar, Udaipur	79M2B8	Dug	1.36	45	23°32'55"	91°28'35"	Alluvium	Meghna
Garjee Bazar	79M3B4	Dug	0.8	32.62	23°25'36"	91°13'21"	Alluvium	Meghna
Jatanbari	TRGM01	Dug	0.77	68	23°25'12"	91°45'30"	Alluvium	Meghna
Joingkami	TRGM03	Dug	0.96	49	23°36'04"	91°31'30"	Alluvium	Meghna
Kankraban	TRST12	Dug	0.87	17	23°29'43"	91°24'49"	Alluvium	Meghna
Naobari-2	TRGM02	Dug	1	12	23°35'28"	91°31'10"	Alluvium	Meghna
Ompi Colony	TRGM07	Dug	1	79	23°40'18"	91°38'32"	Alluvium	Meghna
Twidu	TRGM06	Dug	0.9	60	23°43'52"	91°39'19"	Alluvium	Meghna
Khowai								
45miles	TRKH01	Dug	0.7	232	23°57'09"	91°57'38"	Alluvium	Meghna
Chakmaghat Ew	TRWT02	Tube	0.75	54	23°50'06.1"	91°40'33.8"	Sandstone	Meghna
Chakmaghat Ow	TRWT03	Tube	0.75	54	23°50'06"	91°40'33.8"	Sandstone	Meghna
Jamadar Para	TRKH04	Dug	0.74	39	24°02'02"	91°33'46"	Sandstone	Meghna
Kalyanpur	79M1C2	Dug	0.92	41.71	23°55'00"	91°36'40"	Alluvium	Meghna
Kathalbari	TRKH05	Dug	0.94	45	23°58'22"	91°36'26"	Alluvium	Meghna
Khowai	78P4C5	Dug	0.72	21	24°04'55"	91°36'58"	Alluvium	Meghna
Paschim Hawaibari	TRWT34	Dug	0.7	44.63	23°48'36"	91°35'31"	Alluvium	Meghna
Totabari EW	TRKH02	Tube	0.78	52	23°54'33"	91°37'13"	Alluvium	Meghna
Tuimadhu	TRWT37	Dug	0.96	58	23°50'06"	91°41'11"	Alluvium	Meghna
North Tripura								
Ananda Bazar	TRNT29	Dug	0.75	80	23°50'52"	92°12'39"	Alluvium	Meghna
Bagbassa N	TRNT10	Dug	0.95	39.75	24°20'26"	91°13'07"	Alluvium	Meghna
Churaibari	TRNT23	Dug	0.96	32	24°26'29"	92°14'16"	Alluvium	Meghna
Dataram	TRNT30	Dug	0.78	80	23°45'55"	92°13'43"	Alluvium	Meghna
Deocherra	TRNT25	Dug	0.88	43	24°18'37"	92°09'35"	Alluvium	Meghna
Dharmanagar	83D3B2	Dug	1.47	28.575	24°16'00"	92°16'00"	Alluvium	Meghna
Kanchanpur	84A1A1	Dug	0.5	87.86	23°55'00"	92°12'00"	Sandstone	Meghna
Kanchanpur Court Ow	TRNT01	Tube	0.84	61	24° 3' 24.08"	92°12'04.1"	Sandstone	Meghna
Khedacherra	TRNT28	Dug	0.79	60	24°05'40"	92°19'21"	Sandstone	Meghna
Krishnapur	TRNT19	Dug	1.35	25	24°20'22"	92°09'28"	Alluvium	Meghna
Kunjanagar	TRNT21	Dug	1.07	80	24°14'44"	92°12'20"	Alluvium	Meghna
Lalchhara	TRNT22	Dug	0.9	-11	24°25'57"	92°11'32"	Alluvium	Meghna
Laljuri	TRNT15	Dug	0.87	71	24°06'43"	92°11'54"	Alluvium	Meghna
Naba Joypara (natun Basti)	TRNT20	Dug	0.78	95	24°10'30"	92°12'59"	Alluvium	Meghna
Narendra Nagar	TRNT26	Dug	0.86	58	24°14'29"	92°17'06"	Alluvium	Meghna
Panisagar	83D4A1	Dug	0.78	41.6	24°14'30"	92°11'00"	Alluvium	Meghna
Rajnaragar New	TRNT13	Dug	0.84	29	24°19'14"	92°07'05"	Alluvium	Meghna
Sabual	TRNT31	Dug	0.86	780	23°51'56"	92°15'52"	Alluvium	Meghna
Sanicherra	TRNT24	Dug	0.92	34	24°23'01"	92°13'57"	Alluvium	Meghna
Satnala	TRNT16	Dug	1.05	58	24°08'00"	92°09'05"	Alluvium	Meghna
Sipahi-Jala								
Dakshin Kalamcherra	TRWT04A	Dug	0.96	22	23°34'25"	91°12'33"	Alluvium	Meghna
Golaghati	TRSJ01	Dug	0.85	51	23°40'38"	91°21'37"	Alluvium	Meghna
Gongrai	TRWT36	Dug	0.55	40	23°39'24"	91°27'14"	Alluvium	Meghna
Kathalia bazar	79M3B5	Dug	0.75	13.76	23°23'00"	91°19'00"	Alluvium	Meghna
Konaban	TRSJ05	Dug	0.46	42	23°42'35"	91°10'56"	Alluvium	Meghna
Lalmaibari	TRSJ03	Dug	1.12	31	23°33'03"	91°16'25"	Alluvium	Meghna
Rajib Nagar	TRSJ06	Dug	0.88	41.3	23°34'16"	91°23'26"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Shivnagar	TRSJ02	Dug	1.13	35	23°32'58"	91°16'58"	Alluvium	Meghna
Tufaniamura	TRWT35	Dug	0.72	28	23°41'55"	91°24'25"	Alluvium	Meghna
South Tripura								
Amlı Ghat	TRST 35	Dug	0.93	10	22°58'43"	91°34'44"	Alluvium	Meghna
Ananda Bandhu Para	TRST 42	Dug	0.87		23°12'50"	91°46'44"	Alluvium	Meghna
Baishnabpur	TRST 30	Dug	0.7	12	23°02'43"	91°45'57"	Alluvium	Meghna
Bankul Mahamuni	TRST 39	Dug	0.95		23°07'05"	91°41'52"	Alluvium	Meghna
Barkashari	TRST44	Dug	0.85	20	23°17'45"	91°23'17"	Alluvium	Meghna
Bijaynagar	TRST 32	Dug	0.72	9	22° 59' 44"	91°40'36"	Alluvium	Meghna
Chatakchari	TRST 40	Dug	0.8	37	23°04'04"	91°41'42"	Alluvium	Meghna
Gardhang	TRST11	Dug	0.74	10	23°17'50"	91°31'57"	Alluvium	Meghna
Gaurnagar Bazar	TRST 44	Dug	0.9	29	23°04'20"	91°38'17"	Alluvium	Meghna
Ghorakhappa	TRST 41	Dug	0.95		23°9'43.56"	91° 48' 18"	Alluvium	Meghna
Jagtpur	TRST18	Dug	0.79	64	23°12'32"	91°30'18"	Alluvium	Meghna
Kalachhara	TRST10	Dug	0.9	6.67	23°08'27"	91°37'38"	Alluvium	Meghna
Kalirbazar	TRST 29	Dug	0.9	38	23°6'53.28"	91° 35'59"	Alluvium	Meghna
Kashari	TRST24	Dug	0.85		23°17'46"	91°23'17"	Alluvium	Meghna
Magroom	TRST 31	Dug	0.95		23°04'22"	91°46' 31"	Alluvium	Meghna
Manu Bazar	TRST 9	Dug	0.66	6.22	23°03'51"	91°38'55"	Alluvium	Meghna
Manurmukh	TRST03A	Dug	1	6.62	23°15'56"	91°29'17"	Alluvium	Meghna
Michara	TRST43	Dug	0.84	20	23°15'59"	91°30'46"	Alluvium	Meghna
Motu Mogpara	TRST 33	Dug	0.9	37	23°00'10"	91°39'06"	Alluvium	Meghna
PaschimJalefa EW	TRST45	Tube	0.83		23°02'00"	91°41'13"	Alluvium	Meghna
PaschimJalefa OW	TRST46	Tube	0.83		23°02'00"	91°41'13"	Alluvium	Meghna
Poangbari	TRST 37	Dug	0.92	15	23°01' 39"	91° 34' 12"	Alluvium	Meghna
Purba Takka	TRST 38	Dug	0.67	20	23°03'35"	91°36'41"	Alluvium	Meghna
Radhanagar	TRST15	Dug	0.88	42	23°13'32"	91°19'46"	Alluvium	Meghna
Rajib Nagar EW	TRST28	Tube		25	23°03'25"	91°39'24"	Alluvium	Meghna
Rajnagar	TRST14	Dug	1.35	32	23°13'56"	91°23'30"	Alluvium	Meghna
Rangamura	TRST25	Dug	0.9		23°15'47"	91°19'31"	Alluvium	Meghna
Sabroom	79M4C1	Dug	0.83	18.75	23°57'30"	91°43'30"	Sandstone	Meghna
Shashi-Chandrapur	TRST 34	Dug	0.87		22 58'23"	91°38'15"	Sandstone	Meghna
Srinagar	TRST 36	Dug	1.05	6	22°59'55"	91° 33'13"	Alluvium	Meghna
Tuichama Ew	TRST26	Tube	0.68	27	23°09'24"	91°39'42"	Sandstone	Meghna
Tuichama OW	TRST27	Tube	0.77	27	23°02'00"	91°41'13"	Sandstone	Meghna
Unakoti								
Chandramanikami	TRNT18	Dug	0.9	48	24°06'43"	92°11'54"	Alluvium	Meghna
Demdum	TRUK02	Dug	0.82	52.42	24° 7' 46.35"	91° 56' 42"	Alluvium	Meghna
Gauranagar N	TRNT11	Dug	0.79	34.1	24°19'30"	92°01'00"	Sandstone	Meghna
Jarutali	TRNT27	Dug	0.75	31	24°15'15"	91°59'09"	Alluvium	Meghna
Kanchanbari	TRUK01	Dug	0.83	29	24° 38' 57.25"	91° 35'0 1"	Alluvium	Meghna
Kanchanchhera	TRNT12	Dug	0.74	175	24°05'08"	92°00'09"	Alluvium	Meghna
Karaicherra	TRNT14	Dug	0.75	80	24°08'24"	92°09'05"	Alluvium	Meghna
Kumarghat	83D4A6	Dug	0.32	30	24°08'00"	92°03'00"	Sandstone	Meghna
Panchamnagar	TRNT17	Dug	0.85	23	24°06'43"	92°11'54"	Alluvium	Meghna
Pecharthal	83D4A7	Dug	0.68	-8	24°11'57"	92°06'21"	Alluvium	Meghna
West Tripura								
A D Nagar	TRWT 43	Dug	0.66		23°48'52"	91°16'03"	Alluvium	Meghna
Badharghat DTW	TRWT25	Tube	0.63	9.197	23°48'10"	91°16'16"	Alluvium	Meghna
Bodhjanagar Dtw	TRWT19	Tube	0.75	46.2	23°52'57"	91°21'55"	Alluvium	Meghna
Bodhjanagar Stw	TRWT20	Tube	0.95	45.8	23°52'58"	91°21'55"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (amsl)	Latitude	Longitude	Geology	River Basin
Gamcha kobra Market	TRWT44	Dug	0.58	28.7	23°54'13"	91°21'00"	Alluvium	Meghna
Ishanpur	TRWT31	Dug	0.8	52	24°02'43"	91°23'57"	Alluvium	Meghna
Khumulwng	TRWT42	Dug	0.79	33	23°49'06"	91°26'21"	Alluvium	Meghna
Madhuban	TRWT43	Dug	0.68	35.3	23°47'19"	91°17'09"	Alluvium	Meghna
Nagicherra1	TRWT29	Tube	0.55	25.87	23°48'13"	91°19'49"	Alluvium	Meghna
Nagicherra2	TRWT30	Tube	0.63	24.72	23°48'13"	91°19'48"	Alluvium	Meghna
Narsinghgarh DTW	TRWT28	Tube	0.7	12.8	23°54'15"	91°14'49"	Alluvium	Meghna
Pukua bari	TRWT45	Dug	0.62	58	24°00'42"	91°27'00"	Alluvium	Meghna
R.K Nagar	TRWT46	Dug	0.3	31	23°51'54"	91°20'07"	Alluvium	Meghna
Simna	78P4B1	Dug	0.79	23.77	24°05'32"	91°23'36"	Alluvium	Meghna
Subalsingh	TRWT32	Dug	0.64	56	24°00'17"	91°27'26"	Alluvium	Meghna
Tarapur	TRWT41	Dug	0.88	1	23°59'1.6	91°23'12	Alluvium	Meghna

Annexure-IA

**DETAILS OF GROUND WATER MONITORING WELLS IN GREATER
GUWAHATI AREA, KAMRUP(M) DISTRICT, ASSAM**

S.No	Dist	Location	Well No	Well Type	Latitude	Longitude	MP (magl)
1	Kamrup (M)	AAU, Kahikuchi	ASKM01	DUG	26°06'23"	91°36'34"	0.91
2	Kamrup (M)	AAU, Khanapara	ASKM02	DUG	26°07'38"	91°49'18"	0.62
3	Kamrup (M)	Amingaon	ASKM03	DUG	26°12'37"	91°41'19"	0.90
4	Kamrup (M)	Ashwaktanta Temple	ASKM04	DUG	26°11'14"	91°43'21"	1.00
5	Kamrup (M)	Avayapuri	ASKM05	DUG	26°11'44"	91°43'1"	1.00
6	Kamrup (M)	Azara PHC	ASKM06	DUG	26°07'12"	91°30'0"	0.80
7	Kamrup (M)	Bakarapara	ASKM07	DUG	26°06'29"	91°48'2"	0.75
8	Kamrup (M)	Basitha FG	ASKM08	DUG	26°05'49"	91°47'28"	0.90
9	Kamrup (M)	Boragaon	ASKM09	DUG	26°07'26"	91°41'10"	0.70
10	Kamrup (M)	Chandrapur	ASKM10	DUG	26°14'16"	91°55'45"	0.70
11	Kamrup (M)	Choonsali, Madhabpur	ASKM11	DUG	26°11'43"	91°47'59"	0.60
12	Kamrup (M)	Dirgheshwari	ASKM12	DUG	26°14'20"	91°44'24"	0.70
13	Kamrup (M)	Dte of Agri	ASKM13	DUG	26°07'45"	91°48'45"	0.56
14	Kamrup (M)	Fatasil-Ambari	ASKM14	DUG	26°09'25"	91°43'55"	0.50
15	Kamrup (M)	Ganesh Mandir, Narengi	ASKM15	DUG	26°10'30"	91°49'48"	0.80
16	Kamrup (M)	Garigaon	ASKM16	DUG	26°09'16"	91°38'54"	0.70
17	Kamrup (M)	GMC	ASKM17	DUG	26°09'38"	91°46'4"	0.90
18	Kamrup (M)	Hengrabari FG	ASKM18	DUG	26°09'25"	91°47'43"	0.32
19	Kamrup (M)	Kacharibasti Christian Basti	ASKM19	DUG	26°09'51"	91°46'53"	0.85
20	Kamrup (M)	Kahilipara Colony Bazar	ASKM20	DUG	26°09'12"	91°44'29"	1.02
21	Kamrup (M)	Kahilipara L.P. School	ASKM21	DUG	26°08'41"	91°46'3"	0.80
22	Kamrup (M)	Khanapara PP New	ASKM22	DUG	26°07'7"	91°49'41"	0.93
23	Kamrup (M)	Khanapara Sc. Museum	ASKM23	DUG	26°07'16"	91°48'55"	0.90
24	Kamrup (M)	Lachitpur	ASKM24	DUG	26°11'43"	91°39'39"	0.80
25	Kamrup (M)	Lakhra Chariali	ASKM25	DUG	26°06'26"	91°45'14"	0.90
26	Kamrup (M)	Lakshmi Mandir	ASKM26	DUG	26°07'57"	91°47'55"	0.80
27	Kamrup (M)	Lalganesh Chariali	ASKM27	DUG	26°08'29"	91°44'32"	0.90
28	Kamrup (M)	Lalmati New	ASKM28	DUG	26°06'38"	91°47'3"	0.50
29	Kamrup (M)	Mairapatti	ASKM29	DUG	26°11'8"	91°41'51"	0.90
30	Kamrup (M)	Maligaon	ASKM30	DUG	26°09'32"	91°41'54"	0.80
31	Kamrup (M)	Narangi Forest Gate	ASKM31	DUG	26°10'42"	91°49'24"	0.90
32	Kamrup (M)	Odalbakra, Pahartoli	ASKM32	DUG	26°08'31"	91°44'48"	0.60
33	Kamrup (M)	Paltan bazar	ASKM33	DUG	26°10'52"	91°45'11"	0.54
34	Kamrup (M)	Panikhaiti	ASKM34	DUG	26°12'35"	91°52'8"	0.66
35	Kamrup (M)	Panjabari	ASKM35	DUG	26°08'28"	91°50'3"	0.75

S.No	Dist	Location	Well No	Well Type	Latitude	Longitude	MP (magl)
36	Kamrup (M)	Patgaon	ASKM36	DUG	26°05'21"	91°36'42"	0.65
37	Kamrup (M)	Patharquery	ASKM37	DUG	26°09'40"	91°49'14"	0.70
38	Kamrup (M)	Sijubari	ASKM38	DUG	26°07'52"	91°46'29"	0.81
39	Kamrup (M)	Survey Odalbakra	ASKM39	DUG	26°07'36"	91°44'33"	0.50
40	Kamrup (M)	Udaipur	ASKM40	DUG	26°09'46"	91°45'14"	0.50
41	Kamrup (M)	Vishwakarma Temple	ASKM41	DUG	26°09'56"	91°43'1"	0.80
42	Kamrup (M)	West Krishna Nagar	ASKM42	DUG	26°09'37"	91°47'55"	0.71
43	Kamrup (M)	Wireless	ASKM43	DUG	26°08'50"	91°47'32"	0.58
44	Kamrup (M)	Zoo Narengi Road HS	ASKM44	DUG	26°10'25"	91°47'21"	0.96
45	Kamrup (M)	AAU, Kahikutchi	ASKM45	TUBE	26°06'23"	91°36'34"	0.60
46	Kamrup (M)	Adagudam	ASKM46	TUBE	26°08'13"	91°44'29"	0.50
47	Kamrup (M)	Betkuchi	ASKM47	TUBE	26°06'49"	91°43'20"	0.50
48	Kamrup (M)	Garigaon	ASKM48	TUBE	26°09'16"	91°38'54"	0.20
49	Kamrup (M)	Gurdwara, Beltola	ASKM49	TUBE	26°06'42"	91°47'58"	0.20
50	Kamrup (M)	IIT, North Guwahati	ASKM50	TUBE	26°011'9"	91°41'44"	0.75
51	Kamrup (M)	Udaipur	ASKM51	TUBE	26°09'46"	91°45'14"	0.20
52	Kamrup (M)	West Krishna Nagar	ASKM52	TUBE	26°09'30"	91°47'53"	0.50

Annexure – II

Depth to Water level in Ground Water Monitoring Wells (in meter below ground level)

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Arunachal Pradesh			(Depth of WL in mbgl)			
Changalng						
Jairampur	92A4A1	1.10	3.85	NA	2.90	4.28
Namchik	92A3A1	1.20	4.14	NA	NA	4.09
Namphai	92A3A2	0.70	3.11	NA	NA	2.33
Newlisan Kharsang	92A2A1	0.67	5.69	NA	NA	4.91
East Siang						
Oyan	ARES17	0.73	NA	NA	NA	8.95
Pasighat New	ARES02A	0.29	10.60	NA	6.47	10.13
Ruksin	ARES11	0.95	2.70	NA	0.80	2.02
Satmile	ARES18	0.85	NA	NA	NA	2.11
Sika Baman Todee	ARES14	0.91	2.55	NA	0.70	1.95
Lohit						
Adi Ningroo 1 OW	ARLO02	0.60	4.20	NA	NA	3.75
Adi Ningroo 2 OW	ARLO03	0.60	1.91	NA	NA	1.53
Lathow	83M2D1	0.86	4.94	NA	NA	4.37
Medo	ARLO05	0.22	2.68	NA	NA	NA
Namsai OW	ARLO01	0.70	2.50	NA	NA	2.26
Wingko OW	ARLO04	0.55	NA	NA	NA	5.48
Lower Dibang valley						
Kangklong	ARLDV01	0.65	10.55	NA	NA	9.03
Lower Subansiri						
Bomte	ARLSO3	1.27	1.65	NA	NA	1.54
Rajgarh	ARLSO2	0.83	7.37	NA	1.18	4.92
Papumpare						
Banderedewa I	ARPP04	0.57	12.61	10.79	10.83	13.47
Chimpu	ARPP13	0.38	3.34	1.59	1.44	3.73
Doimukh	83E4D5	0.74	1.26	0.45	0.69	0.91
Itanagar I	ARPP10	0.80	3.56	1.35	1.43	2.88
Kimin	83E3D2	0.95	1.23	NA	NA	NA
Naharlagun I	ARPP08	0.55	NA	4.59	5.13	5.84
Nirjuli Vill IIA	ARPP06	0.80	-0.07	-0.36	0.46	-0.07
Nirjuli Vill IIB	ARPP07	1.02	0.35	-0.02	-0.55	0.30
Sonajuli	83E4C1	0.62	2.64	NA	1.72	2.44
Tirap						
Borduria	83M4B3	0.98	6.14	NA	NA	4.97
Deomali	83M4C1	0.87	4.32	NA	NA	4.31
Hukanjuri	83M4B4	0.82	8.56	NA	NA	7.58

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Assam						
Baksa						
Jhargaon	ASBS01	0.95	NA	0.45	1.97	3.03
Tamulpur	78N2C1	0.40	NA	1.59	1.70	3.57
Barpeta						
Bhawanipur	78N3A1	0.80	NA	NA	NA	3.71
Nityanada OW	ASBP18	0.70	NA	NA	NA	6.58
Patacharkuchi	ASBP16	1.00	4.00	NA	NA	7.28
Sarupeta	78N3A6	0.76	4.56	NA	2.10	4.08
Sorbhog	78J3D4	0.82	4.12	NA	1.40	2.91
Biswanath						
Behali	ASSP33	0.86	4.57	NA	1.88	4.00
Bihupukhuri	83F2A7	0.96	7.75	NA	5.53	6.77
Biswanath Chariali	83F2A6	0.18	9.28	NA	6.85	8.12
Biswanath Ghat	83F2A8	0.76	7.72	NA	4.71	6.56
Borgang New (Koherbari)	ASSP07	0.85	NA	NA	NA	2.80
Buroighat	ASSP 25	0.80	2.74	NA	1.57	2.49
Gohpur New	ASSP23	0.82	1.43	NA	0.43	1.17
Helem	ASSP24	0.97	2.20	NA	1.97	NA
Helem New	ASSP24	0.93	NA	NA	NA	2.02
Kheroni	ASSP35	1.00	2.80	NA	0.92	2.42
Kolabari	ASSP23	1.10	1.01	NA	0.49	0.98
Sootia New	ASBN01	0.77	NA	NA	2.23	3.31
Bongaigaon						
Abhayapuri	78J3C2	1.04	NA	NA	3.27	NA
Abhayapuri New	ASBN01	0.80	NA	NA	NA	4.82
Baitamari	78J3C1	0.86	5.6	NA	2.12	NA
Baitamari New	ASBN02	0.90	NA	NA	NA	4.43
Bongaigaon New	78J3C9	0.83	5.45	NA	1.14	3.96
Chalantapara	78J3C4	1.10	NA	NA	6.22	9.08
Chapprakata	78J3C7	0.90	NA	NA	NA	5.35
Chapprakata (Dankinamari)	ASBN10	1.00	2.74	NA	1.48	2.67
Majgaon	ASBN11	0.90	NA	NA	1.86	3.57
Manikpur	78J3D1	1.00	3.89	NA	1.90	3.59
Medhipara(Deo)	78J3C6	0.44	4.32	NA	NA	3.92
North salmara	78J3C8	0.65	5.7	NA	3.75	5.17
North salmara New	ASBN01	0.73	NA	NA	NA	5.66
Cachar						
Atalbasti	ASCR35	0.86	6.18	NA	3.98	2.57
Badribasti	83D1D7	0.92	3.83	NA	1.28	2.54
Borjalinga	83D2D1	1.00	0.2	NA	0.06	0.52

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Borkhola	83D1C8	0.65	1.68	NA	0.82	1.08
Dargakuna	ASCR25	0.73	0.93	NA	0.3	0.72
Digharkhal	83D1C3	0.85	6.83	NA	2.74	7.73
Dwarbond	ASCR40	0.70	7	NA	2.2	5.46
Fulertol	ASCR37	0.70	3.37	NA	1.07	3.38
Kalain	83D1C14	0.60	4.47	NA	1.24	5.45
Kathaltila	ASCR36	0.64	4.21	NA	1.81	3.29
Katigora	ASCR27	0.85	2.6	NA	1.82	2.25
Masimpur	ASCR23	0.60	NA	NA	NA	1.66
Moinarbond	83D1D6	1.00	4.73	NA	0.56	3.66
Nagdirgram	ASCR39	0.65	1.64	NA	0.78	1.68
Palanghat	83D2D10	1.00	1.65	NA	0.47	3.30
Poilapul	83H1A9	0.85	1.69	NA	1	1.19
Razabazar	83H1A7	0.75	4.21	NA	1.91	3.50
Shivachal	ASCR28	0.75	3.01	NA	0.91	5.36
Shivtila	83H1A4	0.85	7.47	NA	1.3	5.05
Tarapur	ASCR32	1.15	0.11	NA	0.01	0.37
Chirang						
Bijni	78J3C5	0.90	4.00	NA	2.76	4.15
Runikhata	78J2B2	1.20	NA	NA	NA	3.82
Sidli	78J2B6	0.71	NA	NA	2.16	NA
Darrang						
Bhakatpara Ow	ASDR33	0.65	NA	2.80	3.32	5.68
Dalgaon	83B2A2	0.73	NA	2.97	3.29	4.72
Gelabil (Thelamara)	83B2B6	0.90	NA	1.05	1.84	NA
Gelabil (Thelamara) New		0.77	NA	NA	NA	3.40
Majgaon-II	ASDR30	0.94	NA	2.81	3.04	6.27
Mangaldoi	83B3A1	0.65	NA	3.05	4.10	5.36
Mangaldoi II	83B3A3	0.83	NA	1.60	2.70	4.40
Dhemaji						
Bhagaban charali	83I2D2	1.05	9.85	NA	7.43	8.8
Bijoypur	83M1A3	1.00	2.48	NA	0.54	1.91
Bokabil Ow	ASDM24	0.80	3.30	NA	1.96	2.72
Bordoloni	83I3B1	1.25	0.93	NA	-0.05	0.52
Chengali Pather Ow	ASDM23	0.76	1.94	NA	0.95	1.84
Dhemaji	ASDM 23	1.21	1.35	NA	0.40	1.02
Dipa	83I2D3	0.95	6.42	NA	3.82	NA
Ghilamara Ow	ASDM26	0.80	NA	NA	NA	4.22
Gogamukh Hss Ow	ASDM25	0.76	3.40	NA	1.64	2.69
Jonai murkongselek	83M1A1	0.80	2.17	NA	1.03	1.93
Moridhal	ASDM27	0.97	2.35	NA	1.21	2.46

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Santipur	ASDM28	0.60	3.25	NA	1.70	2.67
Siripani	83I2C3	0.78	NA	NA	NA	1.42
Sisibargaon	83I2C2	0.97	2.08	NA	0.82	1.7
Telem	83M2A1	1.01	4.47	NA	1.39	3
Dhubri						
Bagaribari	78J4A4	0.81	15.52	NA	12.90	14.84
Bahalpur New	ASDH02	1.02	NA	NA	NA	3.75
Bilasipara	78J4A1	0.85	4.35	NA	2.19	1.88
Chandardinga	ASDH04	0.85	NA	NA	NA	8.43
Chandardinga OW	ASDH05	0.89	NA	NA	NA	6.67
Chapar	78J3B2	0.90	5.74	NA	3.70	4.43
Dakhin Tokesara	ASDH16	1.36	5.05	NA	NA	3.36
Dhubri Town	78F4D4	1.00	4.6	NA	1.03	3.12
Moterjhar	ASDH17	0.81	NA	NA	NA	3.72
Panbari	ASDH01	0.86	NA	NA	15.84	15.74
Shapamari Beat	ASDH13	0.91	18.00	NA	8.24	15.42
Sonamukhi	ASDH14	0.35	NA	NA	1.11	1.84
Sonamukhi OW	ASDH03	1.00	NA	NA	NA	2.84
Tamarhat	78F4D2	0.85	NA	NA	NA	3.19
Dibrugarh						
AMC Campus	ASDB14	0.66	2.64	NA	2.00	2.72
Azarguri gaon	83I3D4	0.64	3.53	NA	NA	3.21
Barbaruah	83I3D6	1.05	4.61	NA	NA	4.25
Chabua	83M3A2	0.93	5.37	NA	NA	4.39
Dikom	83M3A1	0.68	5.33	NA	NA	4.69
Domar Dolong Tw	ASDB12	1.00	3.02	NA	NA	2.30
Lepetkata	ASDB13	0.80	2.70	NA	NA	NA
Melengial PWSS	ASDB15	0.82	NA	NA	NA	5.14
East Karbi Anglong						
Bokulia	83G1C3	0.69	NA	NA	1.84	0.94
Dengaon	ASKA08	0.93	NA	NA	0.85	1.46
Dokmoka	ASEKA01	1.2	NA	NA	0.53	0.74
Langhing	ASKA32	0.84	NA	NA	2.04	2.97
Manikpur	83F4A6	0.87	NA	NA	NA	0.96
Phuloni	83F4A2	0.94	NA	NA	1.80	2.44
Swarghati	ASKA31	0.63	NA	NA	1.53	2.45
Adarakha Tiniali	ASKA44	0.87	3.40	NA	1.75	3.12
Amlokhi	ASKA53	1.35	1.10	NA	0.30	NA
Balipathar	83F4D3	0.90	4.18	NA	1.69	3.29
Bokajan I	ASKA41	0.75	11.57	NA	6.84	10.75
Bokajan II	ASKA42	0.60	4.7	NA	2.59	3.38

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Bokoliaghat	ASKA34	1.00	NA	NA	2.04	3.59
Deopani	83F4D4	1.05	11.23	NA	2.99	7.95
Dillai	83G1C4	0.69	4.62	NA	1.76	2.40
Diphu	83G1B1	0.79	20.1	NA	NA	19.58
Diphu (lumding Road)	ASKA58	0.69	NA	NA	1.72	20.82
Diphu(matibung Road)	ASKA57	1.17	NA	NA	15.25	3.82
Dishobai	ASKA35	0.67	NA	NA	1.41	2.68
Ghouria Dhubi	ASKA43	0.80	4.34	NA	2.11	2.63
Hapjan	83G1C1	0.82	NA	NA	NA	0.00
Hidipi	83F4C1	0.80	4.3	NA	1.72	4.38
Khatkhati	83G1D3	0.79	3.5	NA	1.94	2.71
Khatkhati (Matipul Namgarh)	ASKA50	0.54	NA	NA	NA	2.56
Lahorijan	ASKA51	0.75	7.9	NA	6.07	NA
Lakhijan	ASKA52	0.99	5.54	NA	2.94	4.89
Manja Bus Stand	ASKA39	0.20	3.5	NA	2.20	2.73
Mohendijua	ASKA38	1.00	8.6	NA	3.55	11.79
Phonglangso	ASKA36	0.92	NA	NA	3.91	6.59
Saphapani	ASKA45	0.89	5.83	NA	3.06	4.21
Silanijan	83F3D1	0.80	6.77	NA	5.16	5.80
Terangaon	ASKA37	1.00	NA	NA	1.32	2.98
Goalpara						
Agia2	ASGP21	0.65	5.81	NA	NA	3.27
Baida	78J4B3	0.70	4.86	NA	1.53	3.21
Bhalukdubi (Goalpara)	ASGP15	0.80	8.01	NA	3.29	6.10
Damra	78K1D8	0.90	5.5	NA	4.65	5.50
Dudhnai	78K1D1	0.75	2.35	NA	1.73	2.20
Dudhnoi II	ASGP17	0.75	4.82	NA	3.80	4.69
Dwarka	ASGP19	0.90	4.3	NA	0.82	1.20
Krishnai New	ASGP14	0.80	5.44	NA	1.96	2.26
Pattarpara	ASGP22	0.70	3.81	NA	1.47	1.99
Rongjuli	78K1D2	0.30	3.86	NA	2.04	2.84
Salpara	ASGP16	0.70	3.99	NA	1.94	2.76
Sarapara	ASGP23	0.85	3.69	NA	2.02	2.21
Teuli	ASGP20	0.60	NA	NA	2.98	3.70
Golaghat						
Bokakhat1	ASGL12	0.70	4.36	NA	2.60	3.58
Butalikua	ASGL16	0.95	NA	NA	2.31	NA
Garampani	ASGL15	0.75	5.68	NA	4.13	5.13
Garigaon	ASGL17	1.00	NA	NA	1.60	2.15
Haldibari Buri Ai	ASGL13	0.40	5.57	NA	3.74	4.50
Kohra kaziranga	83F2B1	1.10	NA	NA	NA	8.12

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Oating	83J3A1	0.75	6.1	NA	3.68	4.13
Hailakandi						
Burakhai	ASHL08	0.80	0.41	NA	0.16	0.01
Katlicherra N	ASHL02A	0.20	1.34	NA	0.72	1.24
Lakhinagar	ASHL09	0.85	2.55	NA	1.79	2.45
Lala	ASHL10	0.62	3.48	NA	2.88	3.18
Monacherra OW	83D2C3	0.89	2.18	NA	1.18	1.78
Panchgram New	ASHL05A	0.90	2.3	NA	1.1	9.15
Hojai						
Lanka	83C1D1	0.72	NA	NA	4.61	7.78
Lumding	83G1A1	0.70	NA	NA	4.46	5.81
Zebra Khua	ASNG33	0.85	NA	2.25	0.30	2.30
Jorhat						
Bijay Nagar	ASJR33	0.41	NA	NA	0.63	2.19
Cinemora	ASJR18	0.53	2.42	NA	1.47	2.08
Dabarapara charali	83J2B3	0.85	2.7	NA	0.75	2.06
Gatisunga	ASJR37	1.35	4.34	NA	1.01	1.78
Kamarbandha	ASJR34	1.25	2.3	NA	0.78	1.76
Kokilamukh	83J1A3	0.51	2.1	NA	1.04	2.79
Kunwari Pukhuri	ASJR35	0.55	2.91	NA	0.70	2.16
Lichubari	ASJR21	0.92	1.4	NA	-0.04	1.13
Meleng Kaparadharia	ASJR28	0.75	2.1	NA	0.65	1.85
Sodial Kacharigaon	ASJR22	1.08	1.53	NA	0.29	1.75
Titabor	83J2A7	0.35	2.07	NA	1.55	2.10
Kamrup						
Abhaipur	ASKM44	0.90	NA	1.15	1.05	NA
Agyathuri	78N4C2	0.85	NA	1.40	3.51	NA
Alikash Adarsh	78N4C16	1.05	1.73	1.70	3.00	NA
Bamunigaon	ASKM07	0.70	3.6	0.74	1.60	2.48
Bamunigaon I	78N4B3	0.70	NA	NA	NA	NA
Boko	ASKM39	0.75	6.35	2.20	4.13	4.65
Chandrapur	78N4D9	0.87	NA	NA	NA	NA
Chhaygaon	ASKM41	0.90	5.30	NA	2.77	4.50
Darkuchi	78N2C4	0.72	NA	NA	3.32	3.74
Dhobartari	ASKM45	0.81	NA	1.78	2.09	1.84
Dora Kahara	ASKM47	0.62	NA	3.98	4.50	5.20
Hajo	78N4C5	0.82	NA	0.18	0.41	0.63
Kahara	78N3C2	0.90	NA	NA	NA	NA
Mirza	ASKM42	0.80	5.48	2.59	3.30	4.70
Rajapara	78O1A3	0.80	3.48	1.28	1.10	1.70
Rangia new	ASKM31	0.42	NA	1.81	3.81	4.00

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Rani	ASKM32	0.90	3.54	1.03	1.67	2.18
Rani II	ASKM43	0.85	1.75	1.10	1.63	1.99
Sualkuchi	78N4C11	0.87	1.73	0.58	0.89	1.42
Tarani	ASKM48	0.85	NA	1.71	2.38	2.87
Kamrup Metro						
Amingaon	ASKM46	0.80	NA	NA	3.10	NA
Azara	78N4C1	1.18	NA	NA	NA	NA
Bamfor	ASKM50	0.96	NA	NA	NA	NA
Boragaon	78N4C7	0.90	NA	NA	NA	NA
Chandrapur	ASKM10		NA	NA	NA	NA
Dirgheswari	78N4C12	0.93	NA	NA	0.95	NA
Kahilipara	78N4D7	0.75	NA	NA	NA	NA
Khanapara	78N4D3	0.75	NA	NA	NA	NA
Khetri	83B4A3	0.80	NA	NA	NA	NA
Khetri II	ASKM51	0.92	1.46	0.83	1.40	2.31
Maligaon	78N4C6	0.87	NA	NA	NA	NA
Paltan bazar	78N4C14	0.84	NA	NA	NA	NA
Panikhaiti	78N4D4	0.66	NA	NA	NA	NA
Pattarkuchi	78N4D1	0.63	NA	NA	NA	NA
Samanta Pathar	ASKM36A	0.92	1.40	0.93	0.98	1.29
Sonapur	83B4A2	0.85	1.26	0.80	1.43	1.77
Topatoli	83B4A4	0.98	2.65	0.72	1.45	1.91
Topatoli New	ASKM35A	0.50	1.69	NA	1.95	2.08
Karimganj						
Badarpur	83D1C1	0.65	2.46	NA	0.93	1.76
Dhaulia	83D2B6	0.60	0.39	NA	0.22	0.08
Hatikira	83D3B1	0.66	2.63	NA	1.23	1.63
Kalinagar	ASKG12	0.78	NA	NA	1.65	1.52
Karmganj	ASKG15	0.90	NA	NA	0.54	0.57
Kayasthagram	ASKG16	0.92	1.34	NA	0.78	1.21
Patharkandi	ASKG17	0.99	1.71	NA	0.94	1.35
Rk Nagar I	83D2B4	0.90	3.91	NA	2.94	3.39
Sarkaribari	83D2B7	0.85	1.72	NA	1.16	1.50
Kokrajhar						
Amguri	ASKJ01	0.89	NA	NA	NA	6.67
Balajan	ASDH15	0.83	NA	NA	1.92	3.76
Bisumari	78J2B1	0.85	NA	NA	2.95	NA
Kokrajhar	78J3B1	1.00	NA	NA	3.42	NA
Raimona Joypur	ASKJ02	0.85	NA	NA	NA	6.67
Rupshi	78F4D3	0.90	6.22	NA	5.33	6.45
Serfanguri	78J2A2	0.78	NA	NA	2.34	3.22

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Lakhimpur						
Amguri	ASLK23	1.00	4.58	NA	2.89	4.10
Amsoi	ASLK01	0.37	NA	NA	2.16	NA
Basudeothan	83I3B8	1.05	4.19	NA	NA	NA
Bhogpur charali	83E4D1	0.82	1.69	NA	1.68	2.14
Bihpuria	83E4D4	0.87	2.92	NA	1.53	2.47
Boginadi balijan new	ASLK06	0.98	NA	NA	NA	1.54
Borbil Tariyani	ASLK29	0.82	1.90	NA	1.88	1.80
Dejoo	ASLK24	1.03	2.05	NA	1.22	1.78
Dolanghat chara	83I4A3	0.46	1.22	NA	0.52	1.11
Harmoti	83E4D6	1.00	3.08	0.99	2.42	3.05
Islampur	83E4D3	0.90	4.79	NA	3.39	NA
Kadam	83I3A3	0.75	1.26	NA	0.85	1.37
Koilamari 6 No Line	ASLK31	0.95	5.65	NA	NA	4.80
Laluk	83E4D2	1.12	1.57	NA	1.02	1.51
Madhupur	ASLK22	0.90	0.73	NA	0.51	1.07
Milanpur	ASLK26	0.80	3.15	NA	NA	2.21
Moridirgha	ASLK30	1.47	1.15	NA	0.79	1.21
N. Lakhipur (Old)	83I4A1	1.12	2.27	NA	1.48	NA
Narayanpur	83F1D4	1.14	3.17	NA	1.48	2.73
Panigaon	83I4A2	0.90	2.72	NA	1.66	3.46
Pathalipam	83I3B6	0.99	3.39	NA	2.39	2.71
Pathalipam II	ASLK25	0.96	5.58	NA	3.50	4.78
Morigaon						
Baghara	83B4B2	0.92	NA	NA	1.40	2.50
Baropujia	ASMR14	0.98	1.48	NA	0.94	1.42
Barukati	ASMR27	0.44	NA	NA	NA	3.50
Basanaghat	ASMR19	0.80	3.38	NA	1.52	2.42
Charibahi Ow	ASMR22	0.55	2.83	NA	1.35	NA
Daponibari N	ASMR30	0.76	3.11	NA	1.17	2.73
Deosal	ASMR12	0.94	3.38	2.54	NA	3.05
Garmari gaon	83B3A4	1.00	4.78	NA	0.90	3.72
Jagiroad	83B4A1	0.62	3.25	1.73	2.25	3.41
Kumoi	ASMR15	1.13	2.50	NA	0.65	0.78
Miarabari New	83B3B3	0.90	5.51	NA	NA	4.60
Moirabari	ASMR25	0.98	NA	NA	1.63	NA
Nasatra	83B4A5	1.00	5.14	NA	0.56	1.43
Nelle New	ASMR11	0.84	5.70	2.38	3.56	5.33
Pamibaghara	ASMR16	0.92	3.54	NA	1.98	3.48
Silsang Namghar	ASMR13	0.94	1.70	0.96	0.52	1.25
Solmari Ow	ASMR21	0.72	NA	NA	0.81	2.98

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Nagaon						
Amsoi	83B4B5	0.77	3.05	NA	NA	3.02
Bagori	83F2A4	1.15	NA	NA	NA	6.47
Balijuri Ow	ASNG42	0.80	NA	NA	4.35	NA
Bamuni	ASNG50	0.90	1.34	NA	1.00	1.49
Bamuni tinali	83B3D9	1.41	1.13	NA	0.52	NA
Beldonga mandir	83B4D8	0.84	NA	NA	1.97	4.02
Bichamari	83B3B1	0.87	2.52	NA	1.55	1.89
Bordowa	83B3C2	1.01	1.96	NA	1.49	1.45
Dalapani	ASNG39	0.90	5.00	NA	2.40	3.81
Dhing	83B3B6	0.49	3.76	NA	1.96	3.08
Doboka	83B4D1	0.80	NA	NA	1.40	3.30
Ghasibasti Ow	ASNG46	0.40	NA	NA	1.43	2.17
Gomotha	ASNG34	0.85	1.48	NA	1.46	2.26
Haldiati sub bt	83B4D6	0.89	3.07	NA	1.91	2.58
Hatenibatha	ASNG35	0.68	3.82	NA	1.64	2.17
Jurapukhuri	83C1D7	0.84	4.84	NA	4.86	5.85
Kathiatoli	83B4C4	0.94	1.17	NA	0.66	0.85
Kazirang Tourist Vil	ASNG27	0.60	10.3	NA	NA	0.00
Kondali	83B3D5	0.99	1.98	NA	1.87	2.21
Langteng TE	83F3A2	0.85	3.27	NA	2.25	NA
Nadeorigaon	83B4D2	0.83	1.74	NA	NA	NA
Naltali	ASNG37	0.66	1.06	NA	1.64	1.96
Pahukata	ASNG36	0.91	1.92	NA	2.19	1.65
Phulaguri	ASNG48	0.98	1.67	NA	0.20	1.35
Phulaguri R6	83F2A5	0.37	2.39	NA	4.09	4.62
Rangamati Ow	ASNG45	0.80	5.07	NA	5.30	5.22
Silghat	83B2D6	0.96	5.93	NA	1.04	5.45
Sulung p.o.	83B3D8	0.74	4.51	NA	2.44	3.91
Telia bebejia	83B3C7	0.50	2.71	NA	2.10	2.85
Nalbari						
Daulasal	ASBP14	1.07	6.45	1.23	2.83	6.16
Daulasal OW	ASBP15	0.80	NA	-0.14	2.50	7.87
Tihu	78N3B3	0.93	NA	0.87	1.57	2.35
Sibsagar						
Bandarmari	83I4C14	0.87	2.39	NA	0.62	1.78
Borkula	ASS102	0.82	NA	NA	NA	NA
Demow Sukan	83I4C11	0.70	4.2	NA	1.69	2.62
Santak	ASSA04	1.00	11.46	NA	NA	0.00
Sapekhati	83M4A1	1.00	5.64	NA	3.00	3.55
Sibsagar	83J1C2	0.73	1.00	NA	0.40	2.51

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Sonitpur						
18th Mile	ASSP29	1.00	2.44	NA	1.43	3.71
Balipara	83B1D4	0.90	1.67	NA	1.30	0.71
Barchola	83B2B5	0.83	2.70	NA	1.26	1.25
Charduar	83B1D1	0.72	3.18	NA	2.41	8.33
Dhekiajuli	83B2B2	0.85	3.97	NA	2.73	3.46
Garumari	83B1D2	0.88	2.57	NA	0.74	1.83
Jamuguri		1.13	1.86	NA	NA	NA
Jamuguri North	83B2D3	0.89	NA	NA	1.01	1.68
Na Pam	ASSP31	1.00	2.01	NA	NA	1.57
Tezpur	83B2D2	0.86	6.98	NA	5.10	6.62
Thelamara	ASSP30	0.54	3.51	NA	1.34	2.75
Tolakbari Ow	ASSP34	0.72	3.87	NA	2.47	3.66
Tupia	ASSP28	0.74	5.30	NA	3.36	4.79
Tinsukia						
Borgolai	83M3C2	0.75	3.24	NA	1.70	NA
Chapakhowa	ASTS20	0.94	NA	NA	2.24	NA
Digboi	83M3C1	0.78	1.47	NA	1.88	1.80
Jagun	83M3D4	0.90	4.42	NA	4.70	4.79
Jaipur naharjan	83M4B5	0.50	2.50	NA	1.54	1.64
Kumsang Selenguri	ASTS22	0.56	4.99	NA	2.27	3.03
Lekhapani	83M3D1	0.49	4.67	NA	3.26	5.13
Panitola	83M3B4	0.62	3.33	NA	1.70	2.95
Tinsukia	83M3B2	0.75	5.83	NA	3.35	3.96
Tipong	ASTS20	0.92	5.75	NA	5.30	4.95
Tirap gate	83M3D2	0.80	6.03	NA	5.90	5.30
Udalguri						
Bengbari	78N2D10	1.00	NA	3.10	3.55	4.76
Bhalukmari	83B2A7	0.82	NA	2.67	1.02	1.30
Goroibari	ASDR31	0.46	NA	1.25	NA	3.47
Hatitopagaon	83B1B1	0.76	NA	2.84	3.19	4.09
Kalaigaon	78N2D3	0.77	NA	0.58	1.53	2.50
Madhupur	83B2A6	0.75	NA	-0.90	NA	4.18
Orang	83B2B1	1.20	NA	1.22	2.54	3.10
Paneri	78N2D9	0.95	NA	2.52	2.54	2.22
Rowta chariali	83B2A3	0.82	NA	1.02	2.02	4.25
Tangla/Tokken Katta	78N2D2	0.80	NA	1.46	1.65	2.80
Thekerabari .1	83B2A1	0.91	NA	2.92	3.17	4.82
Udalguri	83B2A4	0.84	NA	1.32	1.78	2.95
West Karbi Anglong						
Boithalansu	83C1C2	0.97	3.87	NA	2.40	2.98

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Donkamokam	83C1C1	0.95	0.83	NA	0.53	1.01
Kalonga	83C1D2	0.77	4.77	NA	3.60	4.62
Kheronighat	83C1D3	0.88	9.74	NA	8.50	9.05
Meghalaya						
East Garo Hills						
Baiza Rongreng	MLEG15	0.75	4.59	NA	2.15	3.79
Darugiri	78K2D2	0.77	4.68	NA	2.93	2.90
Dobetkolgiri	MEEG12	0.30	NA	NA	0.90	NA
Dobu	MLEG13	0.60	3.52	NA	3.00	1.07
Narringirri	MLEG14	0.85	2.16	NA	1.20	1.62
Rongjeng	78K2D1	0.84	5.32	NA	4.80	4.20
Rongmil	78K2D3	0.78	3.47	NA	2.85	3.78
Samanda Megapagre	MLEG16	1.00	3.1	NA	2.20	2.82
Songsak	MLEG17	0.85	3.4	NA	0.55	1.55
Williamnagar	78K2C2	0.90	3.72	NA	1.30	1.20
East Jaintia Hills						
Powergrid Khlieriat	MLEJ01	0.60	45.83	NA	41.37	42.24
East Khasi Hills						
Cherrapunji	78O3C1	0.20	NA	NA	0.18	NA
Dangar	MLEK14	0.80	NA	NA	0.82	1.90
Ichamati	MLEK15	0.90	NA	NA	1.00	2.27
Lachuamiere	MLEK09	0.80	0.94	NA	0.35	0.65
Lapalang OW	MLEKHOW5	0.42	NA	NA	NA	NA
Mawpat	MLEK11	0.54	5.76	NA	0.52	NA
Nit Cherrapunji	MLEKHOW3	0.50	NA	NA	5.43	NA
Nongmynsong	MLEK12	0.52	2.87	NA	1.75	2.90
Shillong Golf Link	MLEK07	0.75	4.70	NA	2.20	4.70
Water Resources Dept	MLEKOW1	0.50	NA	NA	1.44	1.80
North Garo Hills						
Bajengdoba	78K1C2	0.97	4.42	NA	2.70	3.00
Dainadubi	MLEG11	0.80	4.15	NA	1.90	3.92
Kharkutta	78K1D7	0.93	5.89	NA	1.85	3.43
Mendal	78K1B1	0.80	4.54	NA	3.10	2.20
Mendipathar	78K1C1	0.72	4.86	NA	3.13	2.66
Ri-Bhoi						
Byrnihat	MLRB02A	0.45	3.10	NA	1.74	2.52
Lumkeni	MLRBOW7	0.60	NA	NA	4.36	5.32
Nayabunglow	MLRB04	0.94	4.92	NA	3.46	4.86
Nongladew	MLRBOW02	0.77	NA	NA	2.00	2.33
Nongpoh	78O1D1	0.95	NA	NA	2.60	4.80
Pahanmawlier	MLRB06	0.80	0.90	NA	0.50	0.02

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Patharkhamma Barigaon	MLRB9	0.90	NA	NA	3.20	4.20
Purduwa OW	MLRBOW4	0.67	NA	NA	3.04	3.61
Rpbf Kyrdemkulai OW	MLRBOW9	0.60	NA	NA	19.82	25.26
Sohpdok OW	MLRBOW5	0.70	NA	NA	0.75	3.80
Tamanpahlong	MLRB	0.75	NA	NA	1.65	2.05
Tdohumshaiw	MLRBOW6	0.65	NA	NA	22.02	28.15
Umroi Maidan	MLRB8	1.75	2.45	NA	2.00	2.40
Umsaw	MLRBOW1	0.57	45.83	NA	NA	NA
South West Garo Hills						
Ampati	78G3D1	1.50	2.11	NA	0.35	1.37
Betasing II	ASWG25	0.70	3.1	NA	2.05	2.40
Garobandha	78K2A1	0.89	3.21	NA	3.50	3.90
Mahendraganj	78G3D2	1.00	3.47	NA	1.70	2.37
Zikzak	78G3D5	1.05	3.55	NA	2.35	3.33
West Garo Hills						
Asanang	78K2B1	0.77	4.8	NA	3.70	3.86
Baljek	ASWG17	0.70	1.75	NA	0.90	1.85
Belguri	ASWG21	0.70	8.12	NA	6.65	7.10
Dalu	MLWG25	1.00	4.6	NA	3.40	4.16
Damjongre	MLWG21	0.80	3.78	NA	2.50	3.28
Nidanpur	78K1A3	1.00	4.29	NA	1.60	0.80
Phulbari	78K1A1	0.95	3	NA	2.20	2.42
Phutamamri	ASWG20	0.60	4.22	NA	2.60	1.86
Purkhasia	78K3A1	0.78	3.62	NA	2.60	3.45
Rajabala	ASWG26	0.72	2.7	NA	4.70	1.86
Rongram	ASWG18	0.90	3.85	NA	0.80	3.70
Salsella	MLWG22	0.85	2.05	NA	1.05	2.03
Snalgre	MLWG23	0.72	3.52	NA	1.48	1.45
Tikrikilla	78K1A2	0.87	5.74	NA	2.25	1.49
West Jaintia Hills						
Dauki	83C4A1	0.70	NA	NA	0.78	1.12
DIET Thadlaskein	MLWJ01	0.62	NA	NA	9.72	10.70
Jowai	83C3A1	0.83	0.34	NA	0.21	NA
West Khasi Hills						
Mairang N	MLWK02	0.40	NA	NA	0.50	0.90
Nagaland						
Dimapur						
7th Mile Colony	NLDM21	0.70	12.30	NA	5.06	10.83
Bade Bazar	NLDM25	0.80	NA	NA	0.23	7.48
Chumkidima Forest office	83G1D1	0.85	NA	NA	4.21	1.73
Diphupar	NLDM22	0.85	10.50	NA	1.11	3.21

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Doyabur DMC	NLDM12	0.63	NA	NA	4.17	5.13
Maibiram	NLDM13	0.70	NA	NA	2.33	4.09
Marwari Colony	83G1C9	0.76	NA	NA	NA	3.87
Purana Bazar	83G1C10	0.50	16.75	NA	NA	NA
Rilayan Colony	NLDM24	1.19	NA	NA	4.70	21.33
Seirujha Colony Chumukedi	83G9GM11	0.61	NA	NA	1.70	2.84
Singrijan	83G1C6	0.66	NA	NA	6.37	3.31
Thilaxu Block-II	NLDM16	0.61	NA	NA	9.60	10.83
Zakesatho Colony	NLDM23	0.85	NA	NA	2.09	3.18
Tripura						
Dhalai						
Abhanga N	TRDL04	0.77	5.03	NA	1.95	3.78
Ambassa N	TRDL06	0.92	7.78	NA	7.96	6.58
Chawmanu	TRDL13	0.82	1.478	NA	1.06	1.18
Darlang Basti	TRDL02	0.90	5.18	NA	1.55	4.50
Durga Cherra	TRDL09	0.98	2.99	NA	0.52	1.52
Durga Chowmuhani	TRDL01	0.80	3.82	NA	3.38	3.66
J.M. Complex, Chailengta	TRDL12	1.30	0.87	NA	0.00	0.30
Kali Kumar Para	TRDL10	0.78	3.04	NA	2.70	2.87
Kamalpur	78P4D1	0.66	2.37	NA	1.71	1.64
Kulai	TRDL08	0.76	3.99	NA	2.66	3.64
Lalchari	TRDL03	0.92	7.55	NA	5.26	6.63
Manu N	TRDL05	0.95	5.72	NA	4.05	5.05
Nuna Cherra	TRDL11	0.83	2.02	NA	1.13	1.10
Sindhu Kumar	TRDL07	0.90	4.5	NA	2.65	2.06
Gomati						
Amarpur	TRST05	0.89	7.21	NA	0.87	1.46
Bampur	TRST 06	0.96	4.14	NA	2.67	3.44
Dewanbari	TRGM04	0.78	3.57	NA	2.49	2.56
Dhawajnagar Udaipur	79M2B8	1.36	4.64	NA	2.44	3.42
Garjee Bazar	79M3B4	0.80	2.60	NA	0.52	1.92
Jatanbari	TRGM01	0.77	5.63	NA	3.47	4.58
Joingkami	TRGM03	0.96	0.74	NA	0.30	1.44
Kankraban	TRST12	0.87	10.41	NA	9.03	7.80
Naobari-2	TRGM02	1.00	2.07	NA	1.25	1.50
Ompi Colony	TRGM07	1.00	NA	NA	6.20	6.52
Twidu	TRGM06	0.90	4.70	NA	3.27	3.96
Khowai						
45miles	TRKH01	0.70	7.70	NA	0.99	5.62
Chakmaghat Ew	TRWT02	0.75	2.99	2.89	2.61	2.82
Chakmaghat Ow	TRWT03	0.75	3.37	3.02	2.73	2.99

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Jamadar Para	TRKH04	0.74	6.26	4.76	NA	NA
Kalyanpur	79M1C2	0.92	4.34	3.84	3.76	4.18
Kathalbari	TRKH05	0.94	7.36	5.61	5.22	5.2
Khowai	78P4C5	0.72	2.06	1.48	1.78	2.08
Paschim Howaibari	TRWT34	0.70	3.99	1.80	1.80	3.73
Totabari EW	TRKH02	0.78	15.25	14.53	14.36	NA
Tuimadhu	TRWT37	0.96	4.17	4.44	2.06	3.62
North Tripura						
Ananda Bazar	TRNT29	0.75	2.53	4.44	1.49	2.40
Bagbasa N	TRNT10	0.95	1.78	NA	0.52	0.82
Churaibari	TRNT23	0.96	2.24	NA	1.69	2.04
Dataram	TRNT30	0.78	3.67	NA	1.09	3.17
Deocherra	TRNT25	0.88	5.22	NA	4.66	4.82
Dharmanagar	83D3B2	1.47	4.56	NA	4.09	4.43
Kanchanpur	84A1A1	0.50	2.47	NA	0.82	2.24
Kanchanpur Court Ow	TRNT01	0.84	5.56	NA	4.42	5.16
Khedacherra	TRNT28	0.79	1.63	NA	1.11	1.94
Krishnapur	TRNT19	1.35	3.33	NA	1.59	3.72
Kunjanagar	TRNT21	1.07	3.50	NA	2.96	3.21
Lalchhara	TRNT22	0.90	3.33	NA	0.98	2.13
Laljuri	TRNT15	0.87	6.89	NA	6.00	6.66
Naba Joypara (natun Basti)	TRNT20	0.78	4.68	NA	2.22	3.42
Narendra Nagar	TRNT26	0.86	3.96	NA	3.14	3.94
Panisagar	83D4A1	0.78	3.78	NA	2.25	3.20
Rajnagar New	TRNT32	0.90	3.66	NA	2.53	3.00
Sabual	TRNT31	0.86	5.27	NA	1.64	3.24
Sanicherra	TRNT24	0.92	2.06	NA	0.58	1.80
Satnala	TRNT16	1.05	1.05	NA	0.45	0.82
Sipahi-Jala						
Dakshin Kalamcherra	TRWT04A	0.96	1.44	1.03	1.19	1.54
Golaghati	TRSJ01	0.85	1.95	0.55	0.95	1.63
Gongrai	TRWT36	0.55	3.89	1.63	1.73	2.55
Kathalia bazar	79M3B5	0.75	3.25	1.75	2.35	4.80
Konaban (replaced Kenania)	TRSJ05	0.46	NA	0.30	0.54	1.38
Lalmaibari	TRSJ03	1.12	2.86	3.34	3.31	4.01
Rajib Nagar	TRSJ06	0.88	NA	0.66	0.67	0.95
Shivnagar	TRSJ02	1.13	4.57	1.70	1.95	2.37
Tufaniamura	TRWT35	0.72	4.68	2.95	3.08	3.84
South Tripura						
Aqli Ghat	TRST 35	0.93	4.27	NA	3.17	3.65
Ananda Bandhu Para	TRST 42	0.87	5.58	NA	5	5.4

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Baishnabpur	TRST 30	0.7	7.4	NA	4.35	6.2
Barkashari	TRST44	0.85	8.56	NA	6.63	8.05
Bijaynagar	TRST 32	0.72	3.4	NA	1.38	2.38
Chatakchhari	TRST 40	0.8	NA	NA	5	4.56
Gardhang	TRST11	0.74	NA	NA	NA	NA
Gaurnagar Bazar	TRST 44	0.9	3.70	NA	2.5	3.6
Ghorakhappa	TRST 41	0.95	4.27	NA	2.78	3.59
Jagtpur	TRST18	0.79	NA	NA	1.73	3.31
Kalachhara	TRST10	0.90	NA	NA	NA	3.82
Kalirbazar	TRST 29	0.9	1.88	NA	1.58	2.45
Kashari	TRST24	0.85	NA	NA	NA	NA
Magroom	TRST 31	0.95	3.6	NA	1.65	3.37
Manu Bazar	TRST 9	0.66	4.58	NA	3.28	4.10
Manurmukh	TRST03A	1.00	0.77	NA	0.24	0.62
Michara	TRST43	0.84	1.06	NA	1.46	2.16
Motu Mogpara	TRST 33	0.9	3.05	NA	3.1	3.18
PaschimJalefa EW	TRST45	0.83	Auto flow	Auto flow	Auto flow	Auto flow
PaschimJalefa OW	TRST46	0.83	Auto flow	Auto flow	Auto flow	Auto flow
Poangbari	TRST 37	0.92	5.34	NA	3.13	4.08
Purba Takka	TRST 38	0.67	4.76	NA	3.83	4.63
Radhanagar	TRST15	0.88	3.76	NA	2.05	2.92
Rajib Nagar Ew	TRST28	0.80	8.28	NA	7.46	7.38
Rajnagar	TRST14	1.35	4.55	NA	3.02	3.83
Rangamura	TRST25	0.90	NA	NA	2.30	3.10
Sabroom	79M4C1	0.83	5.97	NA	4.92	5.57
Shashi-Chandrapur	TRST 34	0.87	4.06	NA	NA	4.28
Srinagar	TRST 36	1.05	2.43	NA	1.35	1.99
Tuichama Ew	TRST26	0.68	15.60	NA	14.52	14.72
Tuichama OW	TRST27	0.77	13.01	NA	11.67	12.43
Unakoti						
Chandramanikami	TRNT18	0.89	4.48	NA	2.76	3.80
Demdum	TRUK02	0.82	3.34	NA	2.30	3.05
Gauranagar N	TRNT11	0.79	5.73	NA	1.87	4.61
Jarutali	TRNT27	0.75	2.05	NA	1.55	1.63
Kanchanbari	TRUK01	0.83	2.47	NA	2.00	2.37
Kanchanchhera	TRNT12	0.74	5.99	NA	4.68	5.40
Karaicherra	TRNT14	0.75	5.15	NA	4.15	4.67
Kumarghat	83D4A6	0.32	5.22	NA	5.64	6.40
Panchamnagar	TRNT17	0.85	6.02	NA	4.05	5.08

State/District/Location	Well No	MP (magl)	Mar-20	Aug-20	Nov-21	Jan-21
Pecharthal	83D4A7	0.68	6.69	NA	6.12	6.59
West Tripura						
A D Nagar	TRWT 43	0.66	6.94	3.34	3.61	4.58
Badharghat DTW	TRWT25	0.63	4.57	1.57	2.43	2.48
Bodhjanagar Dtw	TRWT19	0.75	21.08	19.65	19.25	20.75
Bodhjanagar Stw	TRWT20	0.95	18.41	NA	16.15	16.66
Gamcha kobra Market	TRWT44	0.58	NA	2.70	2.68	2.96
Ishanpur	TRWT31	0.80	3.24	1.00	2.35	2.53
Khumulwng	TRWT42	0.79	7.09	5.95	6.01	6.71
Madhuban	TRWT43	0.68	NA	2.79	3.66	4.22
Nagicherra1	TRWT29	0.55	28.09	26.35	25.91	26.37
Nagicherra2	TRWT30	0.63	23.49	22.49	21.80	22.06
Narsingharh DTW	TRWT28	0.70	10.72	8.11	8.30	9.28
Pukua bari	TRWT45	0.62	NA	2.14	2.12	2.88
R.K Nagar	TRWT46	0.30	NA	1.34	2.27	2.94
Simna	78P4B1	0.79	5.71	4.72	4.67	5.11
Subalsingh	TRWT32	0.64	NA	NA	NA	NA
Tarapur	TRWT41	0.88	2.99	0.95	1.66	2.54

Depth to Water level in Monthly Ground Water Monitoring Wells in NER (in meter below ground level)

State/District/Location	MP (magl)	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
Arunachal Pradesh												
Papumpare												
Banderdewa-I	0.88						10.79	10.63	10.86	12.53	12.6	13.28
Chimpu	0.80						0.2	0.91	1.42	2.81	3.69	3.34
Doimukh	0.80						-0.58	0.25	0.65	0.7	0.88	0.69
Itanagar-I	0.90						1.35	0.86	1.35	2.6	2.8	2.15
Naharlagun-I	0.86						4.59	5.3	5.08	5.55	5.78	6.01
Nirjuli Vill-I	0.74						0.2	0.05	0.38	0.41	0.74	0.07
Nirjuli Vill-II	0.76						-0.58	-0.6	-0.58	-0.46	0.13	0.01
Assam												
Kamrup Metro												
AAU, Kahikuchi	0.91								1.53	1.65	3.87	4.76
AAU, Kahikutchi TW	0.6						1.12	0.92	1.8	2.6	3.86	4.83
AAU, Khanapara	0.62						1.12	1.3	2.2	2.11	2.12	2.11
AAU, Khanapara TW	0.83									19.5	20.37	
Adagudam	0.5										33.8	
Amingaon	0.9	4.88					2.83	2.91	3.07	3.2	3.28	3.35
Ashwaktanta Temple	1						1.97	1.48	1.99	2.3	3.02	2.93
Avayapuri	1						1.16	0.91	0.85	1.8	1.79	
Azara PHC	0.8						0.36	0.27	1.14	2.63	3.74	4.84
Bakarapara	0.75	3.96					1.2	0.8	1.87	2.62	3.22	3.50
Basitha FG	0.9	12.21					9.54	6.42	11.45	11.5	12.1	12.60
Betkuchi	0.5										13.94	13.96

State/District/Location	MP (magl)	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
Boragaon	0.7						0.7	0.63	1	1.2	1.63	2.23
Chandrapur	0.7						0.78	0.65	1.28	1.63	1.91	2.17
Choonsali, Madhabpur	0.6	3.82					2.63	2.60	2.8	2.98	3.17	3.31
Dirgheshwari	0.7	2.24					0.63	0.60	0.8	1.25	1.59	1.94
Dte of Agri	0.56						-0.01	0.04	0.37	0.74	0.57	0.65
Fatasil-Ambari	0.5						3.7	3.25		4.5	4.4	4.48
Ganesh Mandir, Narengi	0.8	5.71					2.8	2.70	2.71	2.79	1.79	3.29
Garigaon	0.7									0.73	1.06	1.18
Garigaon	0.2									7.1	8.2	8.15
GMC	0.9						0.95	0.52	0.98	1.1	1.2	1.05
Hengrabari FG	0.32									1.24	1.98	1.98
IIT, North Guwahati	0.75						1.61	1.71	2.23	2.25	3.34	3.65
Kacharibasti Christian Basti	0.85	4.47								3.9	5.25	6.62
Kahilipara Colony Bazar	1.02						6.42	6.6	7.31	10.08	9.48	9.99
Kahilipara L.P. School	0.8	4.32					1.3	0.78	1.45	1.9		
Khanapara PP New	0.93						0.74	0.29	0.79	1.04	1.15	1.44
Khanapara Sc. Museum	0.9						0.85	0.5	1.58	1.8	1.97	2.34
Lakhra Chariali	0.9						0.77	0.14	2.08	2.24	2.66	2.97
Lakshmi Mandir	0.8	3.72					2.96	1.21	3.66	4.2	4.1	3.92
Lalganesh Chariali	0.9	3.97					2.49	2.07	3.8	3.95	8.15	
Lalmati New	0.5						1.38	1.32	1.65	1.88	2.13	2.33
Mairapatti	0.9						2.65	2.4	3.84	5.6	5.14	6.70
Maligaon	0.8	1.37					0.66	1.32	0.6	0.75	0.78	0.87
Narangi Forest Gate	0.9						7.77	6.43	8.03	8.23		7.93
Odalbakra, Pahartoli	0.6						0.66	0.18	0.4	1.3	1.47	1.81

State/District/Location	MP (magl)	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
Paltan bazar	0.54	0.98					0.28	0.1	0.25	0.31	0.4	0.41
Panikhaiti	0.66						3.6	3.22	4.14	4.4	4.59	4.82
Panjabari	0.75						4.94	1.65	6.37	3.81	3.95	4.97
Panjabari, Khanapara	0.58										15.04	6.61
Patgaon	0.65						0.9	0.45	1.09	1.25	1.33	1.94
Patharquery	0.7	1.93					1.2	1	1.48	1.56	1.69	1.73
Sijubari	0.81						3.38	2.99	4.28	5.79	8.26	8.42
Survey Odalbakra	0.5						1	0.79	1.88	3.17	3.96	6.15
Udaipur	0.5						6.77	3.77	4.08	4	4.2	3.65
Vishwakarma Temple	0.8	3.02					1.21	1.2	1.26	1.3	1.35	1.37
West Krishna Nagar	0.71						3.17	2.89	3.67	3.94	4.09	4.26
West Krishna Nagar	0.5											12.9
Wireless	0.58	0.98					0.26	0.1	0.57	0.59	0.61	0.61
Zoo Narengi Road HS	0.96	7.33					3.09	2.14	3.52	5.24	8.04	7.56
Meghalaya												
East Garo Hills												
Williamnagar	0.90									1.3		
East Khasi hills												
Golf Links	0.75							1.65	2.35	2.2	3.55	4.7
Lr. Lachaumiere	0.80							0.51	0.57	0.35	0.66	0.65
Mawpat	0.54							0.32	1.56	0.52		
Nongmynsong	0.52							0.88	2.31	1.75	2.86	2.9
Ri-Bhoi												
Byrnihat	0.93							1.49	1.32	1.74	2.19	2.52
Nongpoh	0.57							3.1	2.75	2.6	2.8	4.8
West Khasi hills												

State/District/Location	MP (magl)	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
Mairang	0.30							0.35	0.4	0.5	0.79	0.9
Tripura												
Gomati												
Dewan Bari, Killa	0.78							1.52	1.72	2.37	2.5	2.62
Khowai												
Kalyanpur	0.92						3.34	3.11	3.61	4.19	4.39	4.09
Khowai	0.72							1.07	1.55	1.82	1.95	2
N. Tripura												
Panisagar	0.78										3.12	3.54
Pecharthal	0.68										6.81	6.69
Unakoti												
Kanchancherra	0.74						1.34				5.52	6.06
Kumarghat	0.32										6.96	6.41
W. Tripura												
AD Nagar	0.66							2.34	3.42	3.61	4.58	5.54
Bhadarghat EW	0.63							1.55	2.2	2.43	2.48	3.69
Bodhjung Nagar DTW	0.75							19.33	19.16	19.25	20.75	20.05
Bodhjung Nagar STW	0.95							16.45	16.11	16.15	16.66	17.09
Ishanpur	0.80							2.52	2.55	3.32	2.49	2.35
Lichubagan STW	0.58						8.11	3.02				
Mohanpur	0.63							2.16	2.2	2.55	2.65	
Moloy Nagar	1.10						26.35					
Nagicherra EW-I	0.55						22.49	26.07	25.9	25.91	26.37	26.72
Nagicherra EW-II	0.55						1.57	21.85	21.72	21.8	22.06	22.21
Narsingarh DTW	0.70							7.5	7.91	8.3	9.28	9.83
Radhakishore nagar	0.30						0.38	0.84	1.57	2.27	2.94	1.52

State/District/Location	MP (magl)	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
Sadhupara	0.80						2.79	1.33				
Simna	0.79							4.58	4.22	4.82	5.13	5.257
Tarapur												2.7
Madhuban	0.68						19.65		3	3.66	4.22	4.22

**Districtwise Well Frequency for Different Ranges of Depth to Water Level
Month / Year: March- 2020**

District	No. of stations measured	Depth to WL (mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh													
Changlang	4	3.11	5.69	0	0	3	75	1	25	0	0	0	0
East Siang	3	2.55	10.6	0	0	2	66.7	0	0	1	33.3	0	0
Lohit	5	1.91	4.94	1	20	4	80	0	0	0	0	0	0
Lower Dibang Valley	1	10.6	10.55	0	0	0	0	0	0	1	100	0	0
Lower Subansiri	2	1.65	7.37	1	50	0	0	1	50	0	0	0	0
Papumpare	8	0.07	12.61	4	50	3	37.5	0	0	1	12.5	0	0
Tirap	3	4.32	8.56	0	0	1	33.3	2	66.7	0	0	0	0
Total	26			6	23.1	13	50	4	15.4	3	11.5	0	0
Assam													
Barpeta	3	4	4.56	0	0	3	100	0	0	0	0	0	0
Biswanath	9	1.01	9.28	2	22.2	4	44.4	3	33.3	0	0	0	0
Bongaigaon	6	2.74	5.7	0	0	3	50	3	50	0	0	0	0
Cachar	19	0.11	7.47	7	36.8	8	42.1	4	21.1	0	0	0	0
Chirang	1	4	4	0	0	1	100	0	0	0	0	0	0
Dhemaji	13	0.93	9.85	3	23.1	8	61.5	2	15.4	0	0	0	0
Dhubri	6	4.35	18	0	0	2	33.3	2	33.3	2	33.3	0	0
Dibrugarh	7	2.64	5.37	0	0	5	71.4	2	28.6	0	0	0	0
East Karbi Anglong	17	1.1	20.1	1	5.9	8	47.1	5	29.4	2	11.8	1	5.9
Goalpara	12	2.35	8.01	0	0	8	66.7	4	33.3	0	0	0	0
Golaghat	4	4.36	6.1	0	0	1	25	3	75	0	0	0	0
Hailakandi	6	0.41	3.48	2	33.3	4	66.7	0	0	0	0	0	0
Jorhat	10	1.4	4.34	2	20	8	80	0	0	0	0	0	0
Kamrup	8	1.73	6.35	2	25	3	37.5	3	37.5	0	0	0	0
Kamrup Metro	6	1.26	2.65	5	83.3	1	16.7	0	0	0	0	0	0
Karimganj	7	0.39	3.91	4	57.1	3	42.9	0	0	0	0	0	0
Kokrajhar	1	6.22	6.22	0	0	0	0	1	100	0	0	0	0
Lakhimpur	20	0.73	5.65	7	35	11	55	2	10	0	0	0	0
Morigaon	14	1.48	5.7	2	14.3	8	57.1	4	28.6	0	0	0	0
Nagaon	24	1.06	10.3	10	41.7	11	45.8	2	8.3	1	4.2	0	0
Nalbari	1	6.45	6.45	0	0	0	0	1	100	0	0	0	0
Sibsagar	5	1	11.46	1	20	2	40	1	20	1	20	0	0
Sonitpur	12	1.67	6.98	2	16.7	8	66.7	2	16.7	0	0	0	0

District	No. of stations measured	Depth to WL (mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Tinsukia	10	1.47	6.03	1	10	6	60	3	30	0	0	0	0
West Karbi Anglong	4	0.83	9.74	1	25	2	50	1	25	0	0	0	0
Total	225			52	23.1	118	52.4	48	21.3	6	2.67	1	0.4
Meghalaya													
East Garo Hills	9	2.16	5.32	0	0	8	88.9	1	11.1	0	0	0	0
East Jaintia Hills	1	45.8	45.83	0	0	0	0	0	0	0	0	1	100
East Khasi Hills	4	0.94	5.76	1	25	2	50	1	25	0	0	0	0
North Garo Hills	5	4.15	5.89	0	0	4	80	1	20	0	0	0	0
Ri-Bhoi	4	0.9	4.92	1	25	3	75	0	0	0	0	0	0
South West Garo Hills	6	2.11	3.55	0	0	6	100	0	0	0	0	0	0
West Garo Hills	14	1.75	8.12	1	7.1	11	78.6	2	14.3	0	0	0	0
West Jaintia Hills	1	0.34	0.34	1	100	0	0	0	0	0	0	0	0
Total	44			4	9.0	34	77.3	5	11.4	0	0	1	2.3
Nagaland													
Dimapur	3	10.5	16.75	0	0	0	0	0	0	3	100	0	0
Total	3			0	0	0	0	0	0	3	100	0	0
Tripura													
Dhalai	14	0.87	7.78	2	14.3	7	50	5	35.7	0	0	0	0
Gomati	10	0.74	10.41	1	10	6	60	2	20	1	10	0	0
Khowai	10	2.06	15.25	0	0	6	60	3	30	1	10	0	0
North Tripura	20	1.05	6.89	3	15	13	65	4	20	0	0	0	0
Sipahijala	8	1.44	4.68	3	37.5	5	62.5	0	0	0	0	0	0
South Tripura	23	0.77	15.6	3	13	12	52.2	6	26.1	2	8.7	0	0
Unakoti	10	2.05	6.69	0	0	4	40	6	60	0	0	0	0
West Tripura	12	2.99	28.09	0	0	4	33.3	3	25	2	16.7	3	25
Total	107			12	11.2	57	53.3	29	27.1	6	5.61	3	2.8
Grand Total	405			74	18.3	222	54.8	86	21.2	18	4.5	5	1.2

**Districtwise Well Frequency for Different Ranges of Depth to Water Level
Month / Year : August- 2020**

District	No. of stations measured	Depth to WL (mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh													
Papumpare	7	-0.36	10.79	5	71.4	1	14.3	0	0	1	14.3	0	0
Total	7			5	71.4	1	14.3	0	0	1	14.3	0	0
assam													
Baksa	1	0.45	0.45	1	100	0	0	0	0	0	0	0	0
Darrang	7	1.05	3.05	2	28.6	5	71.4	0	0	0	0	0	0
Kamrup	14	0.18	3.98	11	78.6	3	21.4	0	0	0	0	0	0
Kamrup Metro	5	0.72	1.1	5	100	0	0	0	0	0	0	0	0
Lakhimpur	1	0.99	0.99	1	100	0	0	0	0	0	0	0	0
Morigaon	4	0.96	2.54	2	50	2	50	0	0	0	0	0	0
Nalbari	3	-0.14	1.23	3	100	0	0	0	0	0	0	0	0
Udalguri	11	-0.9	3.1	7	63.6	4	36.4	0	0	0	0	0	0
Total	46			32	69.6	14	30.4	0	0	0	0	0	0
Tripura													
Khowai	9	1.48	14.53	2	22.2	5	55.6	1	11.1	1	11.1	0	0
North Tripura	1	4.44	4.44	0	0	1	100	0	0	0	0	0	0
Sipahijala	9	0.3	3.34	7	77.8	2	22.2	0	0	0	0	0	0
West Tripura	14	0.95	26.35	4	28.6	5	35.7	2	14.3	1	7.1	2	14.3
Total	33			13	39.4	13	39.4	3	9.0	2	6.1	2	6.1
Grand Total	86			50	58.1	28	32.6	3	3.5	3	3.5	2	2.3

**Districtwise Well Frequency for Different Ranges of Depth to Water Level
Month / Year:November- 2020**

District	No. of stations measured	Depth to WL (mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh													
Changlang	1	2.9	2.9	0	0	1	100	0	0	0	0	0	0
East Siang	3	0.7	6.47	2	66.7	0	0	1	33.3	0	0	0	0
Lower Subansiri	1	1.18	1.18	1	100	0	0	0	0	0	0	0	0
Papumpare	8	-0.55	10.83	6	75	0	0	1	12.5	1	12.5	0	0
Total	13			9	69.2	1	7.7	2	15.4	1	7.7	0	0
Assam													
Baksa	1	1.97	1.97	1	100	0	0	0	0	0	0	0	0
Barpeta	2	1.4	2.1	1	50	1	50	0	0	0	0	0	0
Biswanath	10	0.43	6.85	6	60	2	20	2	20	0	0	0	0
Bongaigaon	8	1.14	6.22	4	50	3	37.5	1	12.5	0	0	0	0
Cachar	19	0.01	3.98	16	84.2	3	15.8	0	0	0	0	0	0
Chirang	1	2.76	2.76	0	0	1	100	0	0	0	0	0	0
Darrang	7	1.84	4.1	1	14.3	6	85.7	0	0	0	0	0	0
Dhemaji	13	-0.05	7.43	11	84.6	1	7.7	1	7.7	0	0	0	0
Dhubri	7	1.03	15.84	2	28.6	2	28.6	1	14.3	2	28.6	0	0
Dibrugarh	1	2	2	1	100	0	0	0	0	0	0	0	0
East Karbi Anglong	26	0.3	17.2	12	46.2	10	38.5	3	11.5	1	3.8	0	0
Goalpara	12	0.82	4.65	6	50	6	50	0	0	0	0	0	0
Golaghat	6	1.6	4.13	1	16.7	5	83.3	0	0	0	0	0	0
Hailakandi	6	0.16	2.88	5	83.3	1	16.7	0	0	0	0	0	0
Hojai	3	0.3	4.61	1	33.3	2	66.7	0	0	0	0	0	0
Jorhat	11	-0.04	1.55	11	100	0	0	0	0	0	0	0	0
Kamrup	16	0.41	4.5	6	37.5	10	62.5	0	0	0	0	0	0
Kamrup Metro	9	0.95	3.1	8	88.9	1	11.1	0	0	0	0	0	0
Karimganj	9	0.22	2.94	8	88.9	1	11.1	0	0	0	0	0	0
Kokrajhar	4	1.92	5.33	1	25	2	50	1	25	0	0	0	0
Lakhimpur	16	0.51	3.5	11	68.8	5	31.3	0	0	0	0	0	0
Morigaon	14	0.52	3.56	12	85.7	2	14.3	0	0	0	0	0	0
Nagaon	25	0.2	5.3	16	64	8	32	1	4	0	0	0	0
Nalbari	3	1.57	2.83	1	33.3	2	66.7	0	0	0	0	0	0
Sibsagar	4	0.4	3	3	75	1	25	0	0	0	0	0	0

District	No. of stations measured	Depth to WL (mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Sonitpur	11	0.74	5.1	6	54.5	4	36.4	1	9.1	0	0	0	0
Tinsukia	11	1.54	5.9	4	36.4	5	45.5	2	18.2	0	0	0	0
Udalguri	9	1.02	3.55	4	44.4	5	55.6	0	0	0	0	0	0
West Karbi Anglong	4	0.53	8.5	1	25	2	50	1	25	0	0	0	0
Total	268			160	59.7	91	34	14	5.2	3	1.1	0	0
Meghalaya													
East Garo Hills	10	0.55	4.8	4	40	6	60	0	0	0	0	0	0
East Jaintia Hills	1	41.4	41.37	0	0	0	0	0	0	0	0	1	100
East Khasi Hills	9	0.18	5.43	7	77.8	1	11.1	1	11.1	0	0	0	0
North Garo Hills	5	1.85	3.13	2	40	3	60	0	0	0	0	0	0
Ri-Bhoi	13	0.5	22.02	6	46.2	5	38.5	0	0	1	7.7	1	7.7
South West Garo Hills	5	0.35	3.5	2	40	3	60	0	0	0	0	0	0
West Garo Hills	14	0.8	6.65	5	35.7	8	57.1	1	7.1	0	0	0	0
West Jaintia Hills	3	0.21	9.72	2	66.7	0	0	1	33.3	0	0	0	0
West Khasi Hills	1	0.5	0.5	1	100	0	0	0	0	0	0	0	0
Total	61			29	47.5	26	42.6	3	5	1	1.6	2	3.3
Nagaland													
Dimapur	11	0.23	9.6	3	27.3	5	45.5	3	27.3	0	0	0	0
Total	11			3	27.3	5	45.5	3	27.3	0	0	0	0
Tripura													
Dhalai	14	0	7.96	7	50	5	35.7	2	14.3	0	0	0	0
Gomati	11	0.3	9.03	4	36.4	5	45.5	2	18.2	0	0	0	0
Khowai	9	0.99	14.36	3	33.3	4	44.4	1	11.1	1	11.1	0	0
North Tripura	20	0.45	6	11	55	8	40	1	5	0	0	0	0
Sipahijala	9	0.54	3.31	6	66.7	3	33.3	0	0	0	0	0	0
South Tripura	24	0.24	14.52	6	25	14	58.3	2	8.3	2	8.3	0	0
Unakoti	10	1.55	6.12	3	30	5	50	2	20	0	0	0	0
West Tripura	15	1.66	25.91	1	6.7	8	53.3	2	13.3	2	13.3	2	13.3
Total	112			41	36.6	52	46.4	12	10.7	5	4.5	2	1.8
Grand Total	465			242	52	175	37.6	34	7.3	10	2.2	4	0.9

**Districtwise Well Frequency for Different Ranges of Depth to Water Level
Month / Year: January- 2021**

District	No. of stations measured	Depth to WL(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh													
Changlang	4	2.33	4.91	0	0	4	100	0	0	0	0	0	0
East Siang	3	1.95	10.13	1	33.3	1	33.3	0	0	1	33.3	0	0
Lohit	5	1.53	5.48	1	20	3	60	1	20	0	0	0	0
Lower Dibang Valley	1	9.03	9.03	0	0	0	0	1	100	0	0	0	0
Lower Subansiri	2	1.54	4.92	1	50	1	50	0	0	0	0	0	0
Papumpare	8	-0.07	13.47	3	37.5	3	37.5	1	12.5	1	12.5	0	0
Tirap	3	4.31	7.58	0	0	2	66.7	1	33.3	0	0	0	0
Total	26			6	23.1	14	53.8	4	15.4	2	7.7	0	0
Assam													
Baksa	11	2.08	15.74	0	0	8	72.7	1	9.1	2	18.2	0	0
Barpeta	5	2.09	6.28	0	0	3	60	2	40	0	0	0	0
Biswanath	11	0.98	8.12	2	18.2	6	54.5	3	27.3	0	0	0	0
Bongaigaon	11	1.67	8.18	1	9.1	9	81.8	1	9.1	0	0	0	0
Cachar	19	0.37	7.73	6	31.6	8	42.1	5	26.3	0	0	0	0
Chirang	3	2.62	3.25	0	0	3	100	0	0	0	0	0	0
Darrang	7	2.63	5.68	0	0	5	71.4	2	28.6	0	0	0	0
Dhemaji	13	0.52	8.8	7	53.8	5	38.5	1	7.7	0	0	0	0
Dhubri	13	1.84	15.74	2	15.4	7	53.8	1	7.7	3	23.1	0	0
Dibrugarh	6	2.3	4.69	0	0	6	100	0	0	0	0	0	0
East Karbi Anglong	28	0.74	20.82	4	14.3	17	60.7	3	10.7	3	10.7	1	3.6
Goalpara	13	1.2	6.1	2	15.4	9	69.2	2	15.4	0	0	0	0
Golaghat	6	2.15	8.12	0	0	4	66.7	2	33.3	0	0	0	0
Hailakandi	6	0.01	9.15	3	50	2	33.3	1	16.7	0	0	0	0
Hojai	3	2.3	7.78	0	0	1	33.3	2	66.7	0	0	0	0
Jorhat	11	1.13	2.79	5	45.5	6	54.5	0	0	0	0	0	0
Kamrup	13	0.63	5.2	4	30.8	8	61.5	1	7.7	0	0	0	0
Kamrup Metro	7	0.69	2.31	5	71.4	2	28.6	0	0	0	0	0	0
Karimganj	9	0.08	3.39	8	88.9	1	11.1	0	0	0	0	0	0
Kokrajhar	5	1.95	6.45	1	20	2	40	2	40	0	0	0	0
Lakhimpur	19	1.07	4.8	9	47.4	10	52.6	0	0	0	0	0	0
Morigaon	13	1.25	4.6	3	23.1	10	76.9	0	0	0	0	0	0
Nagaon	24	0	6.47	9	37.5	11	45.8	4	16.7	0	0	0	0
Nalbari	3	2.35	7.07	0	0	1	33.3	2	66.7	0	0	0	0
Sibsagar	5	0	3.55	2	40	3	60	0	0	0	0	0	0

District	No. of stations measured	Depth to WL(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20(m)	
		Min.	Max.	No	%	No	%	No	%	No	%	No	%
Sonitpur	12	0.71	8.33	5	41.7	5	41.7	2	16.7	0	0	0	0
Tinsukia	9	1.64	5.3	2	22.2	5	55.6	2	22.2	0	0	0	0
Udalguri	11	0.48	3.76	5	45.5	6	54.5	0	0	0	0	0	0
West Karbi Anglong	4	1.01	9.05	1	25	2	50	1	25	0	0	0	0
Total	300			86	28.7	165	55	40	13.3	8	2.7	1	0.3
Meghalaya													
East Garo Hills	9	1.07	4.2	4	44.4	5	55.6	0	0	0	0	0	0
East Jaintia Hills	1	42.24	42.24	0	0	0	0	0	0	0	0	1	100
East Khasi Hills	6	0.65	4.7	3	50	3	50	0	0	0	0	0	0
North Garo Hills	5	2.2	3.92	0	0	5	100	0	0	0	0	0	0
Ri-Bhoi	13	0.02	28.15	1	7.7	9	69.2	1	7.7	0	0	2	15.4
South West Garo Hills	5	1.37	3.9	1	20	4	80	0	0	0	0	0	0
West Garo Hills	14	0.8	7.1	6	42.9	7	50	1	7.1	0	0	0	0
West Jaintia Hills	2	1.12	10.7	1	50	0	0	0	0	1	50	0	0
West Khasi Hills	1	0.9	0.9	1	100	0	0	0	0	0	0	0	0
Total	56			17	30.4	33	58.9	2	3.6	1	1.8	3	5.3
Nagaland													
Dimapur	11	1.73	21.33	1	9.1	5	45.5	2	18.2	2	18.2	1	9.1
Total	11			1	9.1	5	45.5	2	18.2	2	18.2	1	9.1
Tripura													
Dhalai	14	0.3	6.63	5	35.7	6	42.9	3	21.4	0	0	0	0
Gomati	11	1.44	7.8	4	36.4	5	45.5	2	18.2	0	0	0	0
Khowai	8	2.08	5.62	0	0	6	75	2	25	0	0	0	0
North Tripura	20	0.82	6.66	4	20	14	70	2	10	0	0	0	0
Sipahijala	9	0.95	4.8	4	44.4	5	55.6	0	0	0	0	0	0
South Tripura	25	0.62	14.72	2	8	16	64	5	20	2	8	0	0
Unakoti	10	1.63	6.59	1	10	5	50	4	40	0	0	0	0
West Tripura	15	2.48	26.37	0	0	8	53.3	3	20	1	6.7	3	20
Total	112			20	17.8	65	58.0	21	18.8	3	2.7	3	2.7
Grand Total	505			130	25.7	282	55.8	69	13.7	16	3.2	8	1.6

District wise Categorisation of Water Level Fluctuation (Mar-20 to Aug-20)

District	Number of Station Analysed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Arunachal Pradesh													
Papumpare	6	0	0	0	0	0	0	5	83.3	1	16.7	0	0
Total	6	0	0	0	0	0	0	5	83.3	1	16.7	0	0
Assam													
Kamrup	7	0	0	0	0	0	0	2	28.6	4	57.1	1	14.3
Kamrup Metro	5	0	0	0	0	0	0	5	100	0	0	0	0
Lakhimpur	1	0	0	0	0	0	0	0	0	1	100	0	0
Morigaon	4	0	0	0	0	0	0	3	75	1	25	0	0
Nalbari	1	0	0	0	0	0	0	0	0	0	0	1	100
Total	18	0	0	0	0	0	0	10	55.6	6	33.3	2	11.1
Tripura													
Khowai	9	1	11.1	0	0	0	0	7	77.8	1	11.1	0	0
North Tripura	1	1	100	0	0	0	0	0	0	0	0	0	0
Sipahijala	8	1	12.5	0	0	0	0	5	62.5	2	25	0	0
West Tripura	11	0	0	0	0	0	0	6	54.5	5	45.5	0	0
Total	29	3	10.3	0	0	0	0	18	62.1	8	27.6	0	0
Grand Total	53	3	5.7	0	0	0	0	33	62.2	15	28.3	2	3.8

District wise Categorisation of Water Level Fluctuation (Mar-20 to Nov-20)

District	Number of Station Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Arunachal Pradesh													
Changlang	1	0	0	0	0	0	0	1	100	0	0	0	0
East Siang	3	0	0	0	0	0	0	2	66.7	0	0	1	33.3
Lower Subansiri	1	0	0	0	0	0	0	0	0	0	0	1	100
Papumpare	7	1	14.3	0	0	0	0	5	71.4	1	14.3	0	0
Total	12	1	8.3	0	0	0	0	8	66.7	1	8.3	2	16.7
Assam													
Barpeta	2	0	0	0	0	0	0	0	0	2	100	0	0
Biswanath	9	0	0	0	0	0	0	5	55.6	4	44.4	0	0
Bongaigaon	5	0	0	0	0	0	0	3	60	1	20	1	20
Cachar	19	0	0	0	0	0	0	8	42.1	7	36.8	4	21.1
Chirang	1	0	0	0	0	0	0	1	100	0	0	0	0
Dhemaji	13	0	0	0	0	0	0	10	76.9	3	23.1	0	0
Dhubri	5	0	0	0	0	0	0	0	0	4	80	1	20
Dibrugarh	1	0	0	0	0	0	0	1	100	0	0	0	0
East Karbi Anglong	16	0	0	0	0	0	0	6	37.5	7	43.8	3	18.8
Goalpara	11	0	0	0	0	0	0	5	45.5	5	45.5	1	9.1
Golaghat	4	0	0	0	0	0	0	3	75	1	25	0	0
Hailakandi	6	0	0	0	0	0	0	6	100	0	0	0	0
Jorhat	10	0	0	0	0	0	0	8	80	2	20	0	0
Kamrup	8	1	12.5	0	0	0	0	3	37.5	4	50	0	0
Kamrup Metro	6	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Karimganj	7	0	0	0	0	0	0	7	100	0	0	0	0
Kokrajhar	1	0	0	0	0	0	0	1	100	0	0	0	0
Lakhimpur	15	0	0	0	0	0	0	14	93.3	1	6.7	0	0
Morigaon	12	0	0	0	0	0	0	8	66.7	3	25	1	8.3
Nagaon	21	5	23.8	0	0	0	0	12	57.1	3	14.3	1	4.8
Nalbari	1	0	0	0	0	0	0	0	0	1	100	0	0
Sibsagar	4	0	0	0	0	0	0	2	50	2	50	0	0
Sonitpur	11	0	0	0	0	0	0	10	90.9	1	9.1	0	0
Tinsukia	10	2	20	0	0	0	0	6	60	2	20	0	0
West Karbi Anglong	4	0	0	0	0	0	0	4	100	0	0	0	0

District	Number of Station Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Total	202	10	5	0	0	0	0	127	62.9	53	26.2	12	5.9
Meghalaya													
East Garo Hills	9	0	0	0	0	0	0	6	66.7	3	33.3	0	0
East Jaintia Hills	1	0	0	0	0	0	0	0	0	0	0	1	100
East Khasi Hills	4	0	0	0	0	0	0	2	50	1	25	1	25
North Garo Hills	5	0	0	0	0	0	0	3	60	1	20	1	20
Ri-Bhoi	4	0	0	0	0	0	0	4	100	0	0	0	0
South West Garo Hills	5	1	20	0	0	0	0	4	80	0	0	0	0
West Garo Hills	14	0	0	1	7.1	0	0	9	64.3	4	28.6	0	0
West Jaintia Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	43	1	2.3	1	2.3	0	0	29	67.4	9	21	3	7
Nagaland													
Dimapur	2	0	0	0	0	0	0	0	0	0	0	2	100
Total	2	0	0	0	0	0	0	0	0	0	0	2	100
Tripura													
Dhalai	14	1	7.1	0	0	0	0	9	64.3	4	28.6	0	0
Gomati	10	0	0	0	0	0	0	6	60	3	30	1	10
Khowai	9	0	0	0	0	0	0	5	55.6	3	33.3	1	11.1
North Tripura	20	0	0	0	0	0	0	16	80	4	20	0	0
Sipahijala	8	1	12.5	0	0	0	0	5	62.5	2	25	0	0
South Tripura	22	2	9.1	0	0	0	0	17	77.3	3	13.6	0	0
Unakoti	10	1	10	0	0	0	0	8	80	1	10	0	0
West Tripura	12	0	0	0	0	0	0	7	58.3	5	41.7	0	0
Total	105	5	4.8	0	0	0	0	73	69.5	25	23.8	2	1.9
Grand Total	364	17	4.6	1	0.3	0	0	237	65.1	88	24.2	21	5.8

District wise Categorisation of Water Level Fluctuation (Mar-20 to Jan-21)

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Arunachal Pradesh													
Changlang	4	1	25	0	0	0	0	3	75	0	0	0	0
East Siang	3	0	0	0	0	0	0	3	100	0	0	0	0
Lohit	4	0	0	0	0	0	0	4	100	0	0	0	0
Lower Dibang Valley	1	0	0	0	0	0	0	1	100	0	0	0	0
Lower Subansiri	2	0	0	0	0	0	0	1	50	1	50	0	0
Papumpare	7	2	28.6	0	0	0	0	5	71.4	0	0	0	0
Tirap	3	0	0	0	0	0	0	3	100	0	0	0	0
Total	24	3	12.5	0	0	0	0	20	83.3	1	4.2	0	0
Assam													
Barpeta	3	0	0	1	33.3	0	0	1	33.3	1	33.3	0	0
Biswanath	8	0	0	0	0	0	0	8	100	0	0	0	0
Bongaigaon	5	0	0	0	0	0	0	4	80	1	20	0	0
Cachar	19	7	36.8	1	5.3	0	0	9	47.4	2	10.5	0	0
Chirang	1	0	0	0	0	0	0	1	100	0	0	0	0
Dhemaji	12	1	8.3	0	0	0	0	11	91.7	0	0	0	0
Dhubri	6	0	0	0	0	0	0	4	66.7	2	33.3	0	0
Dibrugarh	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
East Karbi Anglong	15	1	6.7	1	6.7	0	0	11	73.3	2	13.3	0	0
Goalpara	12	0	0	0	0	0	0	9	75	3	25	0	0
Golaghat	4	0	0	0	0	0	0	4	100	0	0	0	0
Hailakandi	6	0	0	0	0	1	16.7	5	83.3	0	0	0	0
Jorhat	10	3	30	0	0	0	0	6	60	1	10	0	0
Kamrup	7	0	0	0	0	0	0	7	100	0	0	0	0
Kamrup Metro	6	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Karimganj	7	0	0	0	0	0	0	7	100	0	0	0	0
Kokrajhar	1	1	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	18	5	27.8	0	0	0	0	13	72.2	0	0	0	0
Morigaon	10	1	10	0	0	0	0	8	80	1	10	0	0
Nagaon	20	6	30	1	5	0	0	12	60	0	0	1	5
Nalbari	1	0	0	0	0	0	0	1	100	0	0	0	0
Sibsagar	5	1	20	0	0	0	0	2	40	1	20	1	20

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Sonitpur	12	1	8.3	0	0	1	8.3	10	83.3	0	0	0	0
Tinsukia	9	3	33.3	0	0	0	0	6	66.7	0	0	0	0
West Karbi Anglong	4	1	25	0	0	0	0	3	75	0	0	0	0
Total	207	36	17.3	4	1.9	2	0.9	149	72	14	6.8	2	0.9
Meghalaya													
East Garo Hills	9	1	11.1	0	0	0	0	6	66.7	2	22.2	0	0
East Jaintia Hills	1	0	0	0	0	0	0	0	0	1	100	0	0
East Khasi Hills	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
North Garo Hills	5	0	0	0	0	0	0	2	40	3	60	0	0
Ri-Bhoi	4	0	0	0	0	0	0	4	100	0	0	0	0
South West Garo Hills	5	1	20	0	0	0	0	4	80	0	0	0	0
West Garo Hills	14	1	7.1	0	0	0	0	9	64.3	3	21.4	1	7.1
Total	41	4	9.7	0	0	0	0	27	65.9	9	22	1	2.4
Nagaland													
Dimapur	2	0	0	0	0	0	0	1	50	0	0	1	50
Total	2	0	0	0	0	0	0	1	50	0	0	1	50
Tripura													
Dhalai	14	0	0	0	0	0	0	13	92.9	1	7.1	0	0
Gomati	10	1	10	0	0	0	0	7	70	1	10	1	10
Khowai	8	1	12.5	0	0	0	0	5	62.5	2	25	0	0
North Tripura	20	2	10	0	0	0	0	17	85	1	5	0	0
Sipahijala	8	3	37.5	0	0	0	0	4	50	1	12.5	0	0
South Tripura	22	4	18.2	0	0	0	0	18	81.8	0	0	0	0
Unakoti	10	1	10	0	0	0	0	9	90	0	0	0	0
West Tripura	12	0	0	0	0	0	0	10	83.3	2	16.7	0	0
Total	104	12	11.5	0	0	0	0	83	79.8	8	7.7	1	1
Grand Total	378	55	14.5	4	1.1	2	0.5	280	74.1	32	8.5	5	1.3

Annexure X

District wise Categorisation of Water Level Fluctuation (Mar-19 to Mar-20)

District	No. of stns. analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4 m	%	0-2m	%	2-4m	%	>4 m	%
Arunachal Pradesh													
East Siang	3	2	66.7	1	33.3	0	0	0	0	0	0	0	0
Lohit	4	2	50	0	0	0	0	1	25	1	25	0	0
Lower Subansiri	2	1	50	0	0	1	50	0	0	0	0	0	0
Papumpare	8	4	50	1	12.5	0	0	3	37.5	0	0	0	0
Tirap	3	1	33.3	1	33.3	1	33.3	0	0	0	0	0	0
Total	20	10	50	3	15	2	10	4	20	1	5	0	0
Assam													
Barpeta	3	3	100	0	0	0	0	0	0	0	0	0	0
Biswanath	9	1	11.1	0	0	0	0	8	88.9	0	0	0	0
Bongaigaon	6	5	83.3	1	16.7	0	0	0	0	0	0	0	0
Cachar	19	11	57.9	0	0	1	5.3	7	36.8	0	0	0	0
Chirang	1	1	100	0	0	0	0	0	0	0	0	0	0
Dhemaji	11	7	63.6	0	0	0	0	4	36.4	0	0	0	0
Dhubri	6	6	100	0	0	0	0	0	0	0	0	0	0
Dibrugarh	5	1	20	0	0	0	0	4	80	0	0	0	0
East Karbi Anglong	15	10	66.7	0	0	0	0	3	20	2	13.3	0	0
Goalpara	12	3	25	0	0	0	0	9	75	0	0	0	0
Golaghat	3	3	100	0	0	0	0	0	0	0	0	0	0
Hailakandi	6	1	16.7	0	0	0	0	4	66.7	0	0	1	16.7
Jorhat	5	5	100	0	0	0	0	0	0	0	0	0	0
Kamrup	6	1	16.7	0	0	0	0	3	50	2	33.3	0	0
Kamrup Metro	6	1	16.7	0	0	0	0	4	66.7	1	16.7	0	0
Karimganj	7	7	100	0	0	0	0	0	0	0	0	0	0
Kokrajhar	1	1	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	19	4	21.1	0	0	0	0	15	78.9	0	0	0	0
Morigaon	10	0	0	1	10	0	0	8	80	1	10	0	0
Nagaon	15	1	6.7	0	0	0	0	11	73.3	3	20	0	0
Nalbari	1	1	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	2	2	100	0	0	0	0	0	0	0	0	0	0
Sonitpur	12	1	8.3	0	0	0	0	11	91.7	0	0	0	0

District	No. of stns. analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4 m	%	0-2m	%	2-4m	%	>4 m	%
Tinsukia	8	7	87.5	0	0	0	0	1	12.5	0	0	0	0
West Karbi Anglong	4	0	0	0	0	0	0	3	75	0	0	1	25
Total	192	83	43.3	2	1	1	0.5	95	49.5	9	4.7	2	1
Meghalaya													
East Garo Hills	9	3	33.3	0	0	0	0	5	55.6	1	11.1	0	0
East Jaintia Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
East Khasi Hills	3	1	33.3	0	0	0	0	1	33.3	1	33.3	0	0
North Garo Hills	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Ri-Bhoi	4	2	50	0	0	0	0	2	50	0	0	0	0
South West Garo Hills	5	0	0	0	0	0	0	4	80	1	20	0	0
West Garo Hills	11	2	18.2	0	0	0	0	9	81.8	0	0	0	0
West Jaintia Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	37	11	29.7	0	0	0	0	23	62.2	3	8.1	0	0
Nagaland													
Dimapur	2	1	50	0	0	1	50	0	0	0	0	0	0
Total	2	1	50	0	0	1	50	0	0	0	0	0	0
Tripura													
Dhalai	14	13	92.9	0	0	0	0	1	7.1	0	0	0	0
Gomati	8	4	50	2	25	1	12.5	1	12.5	0	0	0	0
Khowai	8	4	50	1	12.5	0	0	3	37.5	0	0	0	0
North Tripura	19	12	63.2	1	5.3	0	0	6	31.6	0	0	0	0
Sipahijala	7	3	42.9	0	0	0	0	4	57.1	0	0	0	0
South Tripura	17	11	64.7	1	5.9	0	0	5	29.4	0	0	0	0
Unakoti	10	5	50	1	10	0	0	4	40	0	0	0	0
West Tripura	10	9	90	0	0	0	0	1	10	0	0	0	0
Total	93	61	65.5	6	6.5	1	1.1	25	26.9	0	0	0	0
Grand Total	344	166	48.3	11	3.2	5	1.4	147	42.7	13	3.8	2	0.6

Annexure XI

District wise Categorisation of Water Level Fluctuation (Aug-19 to Aug-20)

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Arunachal Pradesh													
Papumpare	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Total	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Assam													
Baksa	1	0	0	0	0	0	0	1	100	0	0	0	0
Darrang	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Kamrup	12	4	33.3	0	0	0	0	7	58.3	1	8.3	0	0
Kamrup Metro	5	2	40	0	0	0	0	3	60	0	0	0	0
Lakhimpur	1	0	0	0	0	0	0	1	100	0	0	0	0
Morigaon	4	1	25	0	0	0	0	3	75	0	0	0	0
Nalbari	3	0	0	0	0	0	0	3	100	0	0	0	0
Udalguri	9	2	22.2	0	0	0	0	7	77.8	0	0	0	0
Total	41	10	24.4	0	0	0	0	30	73.2	1	2.4	0	0
Tripura													
Khowai	7	5	71.4	0	0	0	0	2	28.6	0	0	0	0
North Tripura	1	0	0	1	100	0	0	0	0	0	0	0	0
Sipahijala	7	0	0	0	0	0	0	7	100	0	0	0	0
West Tripura	9	2	22.2	0	0	0	0	7	77.8	0	0	0	0
Total	24	7	29.2	1	4.2	0	0	16	66.6	0	0	0	0
Grand Total	71	18	25.4	1	1.4	0	0	51	71.8	1	1.4	0	0

Annexure XII

District wise Categorisation of Water Level Fluctuation (Nov-19 to Nov-20)

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Arunachal Pradesh													
Changlang	1	1	100	0	0	0	0	0	0	0	0	0	0
East Siang	3	0	0	0	0	0	0	3	100	0	0	0	0
Lower Subansiri	1	0	0	0	0	0	0	1	100	0	0	0	0
Papumpare	7	2	28.6	0	0	0	0	5	71.4	0	0	0	0
Total	12	3	25	0	0	0	0	9	75	0	0	0	0
Assam													
Baksa	1	0	0	0	0	0	0	1	100	0	0	0	0
Biswanath	8	1	12.5	0	0	0	0	7	87.5	0	0	0	0
Bongaigaon	5	0	0	0	0	0	0	5	100	0	0	0	0
Cachar	18	7	38.9	0	0	0	0	11	61.1	0	0	0	0
Darrang	5	0	0	0	0	0	0	5	100	0	0	0	0
Dhemaji	9	0	0	0	0	0	0	9	100	0	0	0	0
Dhubri	6	0	0	0	0	0	0	4	66.7	1	16.7	1	16.7
Dibrugarh	1	0	0	0	0	0	0	1	100	0	0	0	0
East Karbi Anglong	23	5	21.7	0	0	0	0	18	78.3	0	0	0	0
Goalpara	12	5	41.7	0	0	0	0	7	58.3	0	0	0	0
Golaghat	6	4	66.7	1	16.7	0	0	1	16.7	0	0	0	0
Hailakandi	6	3	50	0	0	0	0	3	50	0	0	0	0
Hojai	3	0	0	1	33.3	0	0	2	66.7	0	0	0	0
Jorhat	11	0	0	0	0	0	0	11	100	0	0	0	0
Kamrup	11	5	45.5	0	0	0	0	6	54.5	0	0	0	0
Kamrup Metro	5	1	20	0	0	0	0	4	80	0	0	0	0
Karimganj	9	7	77.8	0	0	0	0	2	22.2	0	0	0	0
Lakhimpur	14	3	21.4	0	0	0	0	11	78.6	0	0	0	0
Morigaon	13	1	7.7	0	0	0	0	10	76.9	2	15.4	0	0
Nagaon	18	1	5.6	1	5.6	0	0	15	83.3	1	5.6	0	0
Nalbari	3	0	0	0	0	0	0	3	100	0	0	0	0
Sibsagar	4	2	50	0	0	0	0	2	50	0	0	0	0
Sonitpur	10	1	10	0	0	0	0	9	90	0	0	0	0
Tinsukia	10	3	30	2	20	0	0	5	50	0	0	0	0
Udalguri	8	0	0	0	0	0	0	7	87.5	1	12.5	0	0
West Karbi	4	0	0	0	0	0	0	4	100	0	0	0	0

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Anglong													
Total	223	49	22	5	2.2	0	0	163	73.1	5	2.2	1	0.5
Meghalaya													
East Garo Hills	10	3	30	0	0	0	0	7	70	0	0	0	0
East Jaintia Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
East Khasi Hills	8	3	37.5	0	0	0	0	4	50	0	0	1	12.5
North Garo Hills	5	3	60	0	0	0	0	2	40	0	0	0	0
Ri-Bhoi	13	4	30.8	0	0	0	0	6	46.2	2	15.4	1	7.7
South West Garo Hills	5	0	0	0	0	0	0	5	100	0	0	0	0
West Garo Hills	13	0	0	0	0	0	0	11	84.6	1	7.7	1	7.7
West Jaintia Hills	3	0	0	0	0	0	0	3	100	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	59	15	25.4	0	0	0	0	38	64.4	3	5.1	3	5.1
Nagaland													
Dimapur	10	0	0	0	0	0	0	10	100	0	0	0	0
Total	10	0	0	0	0	0	0	10	100	0	0	0	0
Tripura													
Dhalai	13	3	23.1	0	0	0	0	9	69.2	1	7.7	0	0
Gomati	9	0	0	0	0	0	0	9	100	0	0	0	0
Khowai	8	0	0	0	0	0	0	7	87.5	1	12.5	0	0
North Tripura	20	3	15	0	0	0	0	17	85	0	0	0	0
Sipahijala	7	0	0	0	0	0	0	7	100	0	0	0	0
South Tripura	18	1	5.6	1	5.6	0	0	16	88.9	0	0	0	0
Unakoti	9	3	33.3	0	0	0	0	6	66.7	0	0	0	0
West Tripura	10	1	10	0	0	0	0	9	90	0	0	0	0
Total	94	11	11.7	1	1.1	0	0	80	85.1	2	2.1	0	0
Grand Total	398	78	19.6	6	1.5	0	0	300	75.4	10	2.5	4	1.0

Districtwise Categorisation of Water Level Fluctuation (Jan-20 to Jan-21)

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Arunachal Pradesh													
Changlang	4	0	0	0	0	0	0	4	100	0	0	0	0
East Siang	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Lohit	4	2	50	1	25	0	0	1	25	0	0	0	0
Lower Dibang Valley	1	0	0	0	0	0	0	0	0	1	100	0	0
Lower Subansiri	2	1	50	0	0	0	0	1	50	0	0	0	0
Papumpare	7	3	42.9	0	0	0	0	4	57.1	0	0	0	0
Tirap	3	0	0	0	0	0	0	3	100	0	0	0	0
Total	24	7	29.2	1	4.2	0	0	15	62.5	1	4.2	0	0
Assam													
Baksa	1	0	0	0	0	0	0	1	100	0	0	0	0
Barpeta	2	1	50	0	0	0	0	1	50	0	0	0	0
Biswanath	8	2	25	0	0	1	12.5	5	62.5	0	0	0	0
Bongaigaon	5	1	20	0	0	0	0	4	80	0	0	0	0
Cachar	16	10	62.5	4	25	0	0	2	12.5	0	0	0	0
Darrang	2	1	50	0	0	0	0	1	50	0	0	0	0
Dhemaji	12	0	0	0	0	0	0	12	100	0	0	0	0
Dhubri	7	0	0	0	0	0	0	6	85.7	1	14.3	0	0
Dibrugarh	6	3	50	0	0	0	0	3	50	0	0	0	0
East Karbi Anglong	27	17	63	0	0	1	3.7	7	25.9	0	0	2	7.4
Goalpara	13	9	69.2	0	0	0	0	4	30.8	0	0	0	0
Golaghat	6	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Hailakandi	6	4	66.7	0	0	1	16.7	1	16.7	0	0	0	0
Hojai	3	0	0	1	33.3	0	0	1	33.3	1	33.3	0	0
Jorhat	11	11	100	0	0	0	0	0	0	0	0	0	0
Kamrup	11	4	36.4	0	0	0	0	7	63.6	0	0	0	0
Kamrup Metro	6	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Karimganj	9	8	88.9	0	0	0	0	1	11.1	0	0	0	0
Kokrajhar	1	1	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	18	7	38.9	0	0	0	0	11	61.1	0	0	0	0
Morigaon	13	7	53.8	0	0	0	0	5	38.5	1	7.7	0	0
Nagaon	20	11	55	0	0	0	0	9	45	0	0	0	0
Nalbari	3	1	33.3	1	33.3	0	0	1	33.3	0	0	0	0

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Sibsagar	4	1	25	1	25	0	0	1	25	1	25	0	0
Sonitpur	11	5	45.5	0	0	1	9.1	5	45.5	0	0	0	0
Tinsukia	9	4	44.4	0	0	0	0	5	55.6	0	0	0	0
Udalguri	7	0	0	0	0	0	0	5	71.4	1	14.3	1	14.3
West Karbi Anglong	4	2	50	0	0	0	0	2	50	0	0	0	0
Total	241	118	48.9	7	2.9	4	1.7	104	43.2	5	2.1	3	1.2
Meghalaya													
East Garo Hills	9	2	22.2	0	0	0	0	6	66.7	1	11.1	0	0
East Jaintia Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
East Khasi Hills	5	3	60	0	0	0	0	2	40	0	0	0	0
North Garo Hills	5	4	80	0	0	0	0	0	0	1	20	0	0
Ri-Bhoi	13	7	53.8	0	0	0	0	5	38.5	0	0	1	7.7
South West Garo Hills	5	2	40	0	0	0	0	3	60	0	0	0	0
West Garo Hills	13	2	15.4	0	0	0	0	10	76.9	1	7.7	0	0
West Jaintia Hills	2	1	50	0	0	0	0	1	50	0	0	0	0
West Khasi Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	54	21	38.9	0	0	0	0	29	53.7	3	5.6	1	1.8
Nagaland													
Dimapur	10	5	50	0	0	2	20	1	10	1	10	1	10
Total	10	5	50	0	0	2	20	1	10	1	10	1	10
Tripura													
Dhalai	14	3	21.4	0	0	0	0	11	78.6	0	0	0	0
Gomati	9	2	22.2	0	0	0	0	6	66.7	1	11.1	0	0
Khowai	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
North Tripura	20	9	45	1	5	0	0	10	50	0	0	0	0
Sipahijala	8	3	37.5	0	0	0	0	5	62.5	0	0	0	0
South Tripura	22	10	45.5	1	4.5	0	0	11	50	0	0	0	0
Unakoti	10	6	60	0	0	0	0	4	40	0	0	0	0
West Tripura	10	3	30	0	0	0	0	7	70	0	0	0	0
Total	100	40	40	2	2	0	0	57	57	1	1	0	0
Grand Total	429	191	44.5	10	2.3	6	1.4	206	48	11	2.6	5	1.2

**District wise Categorisation of Change in Water Level
10 Yrs Mean (March 10-March 19)- March 2020**

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh																	
Changlang	4	0.05	0.05	0.07	1.59	1	25	0	0	0	0	3	75	0	0	0	0
East Siang	2	0.01	0.01	0.38	0.38	1	50	0	0	0	0	1	50	0	0	0	0
Lohit	1			0.61	0.61	0	0	0	0	0	0	1	100	0	0	0	0
Papumpare	7	0.18	0.89	0.05	0.75	4	57.1	0	0	0	0	3	42.9	0	0	0	0
Tirap	3	0.33	0.33	0.88	1.04	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Total	17					7	41.2	0	0	0	0	10	58.8	0	0	0	0
Assam																	
Barpeta	2			0.48	0.74	0	0	0	0	0	0	2	100	0	0	0	0
Biswanath	7	0.08	1.11	3.76	3.76	6	85.7	0	0	0	0	0	0	1	14.3	0	0
Bongaigaon	6			0.62	1.85	0	0	0	0	0	0	6	100	0	0	0	0
Cachar	15	0.05	2.79	0.2	2.56	8	53.3	1	6.7	0	0	5	33.3	1	6.7	0	0
Chirang	1			0.63	0.63	0	0	0	0	0	0	1	100	0	0	0	0
Dhemaji	9	0.12	0.39	0.18	0.41	7	77.8	0	0	0	0	2	22.2	0	0	0	0
Dhubri	6	1.44	1.44	0.77	1.42	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Dibrugarh	4	0.32	0.32	0	0.28	1	25	0	0	0	0	3	75	0	0	0	0
East Karbi Anglong	12	0.1	1.76	0.18	7.39	5	41.7	0	0	0	0	5	41.7	1	8.3	1	8.3
Goalpara	11	0.37	0.73	0.19	0.81	2	18.2	0	0	0	0	9	81.8	0	0	0	0
Golaghat	4	0.22	2.74	0.41	1.05	1	25	1	25	0	0	2	50	0	0	0	0
Hailakandi	3	0.62	3.9			2	66.7	1	33.3	0	0	0	0	0	0	0	0
Jorhat	7	0.03	0.65	0.03	0.27	4	57.1	0	0	0	0	3	42.9	0	0	0	0
Kamrup	5	0.5	2.49	0.29	0.29	3	60	1	20	0	0	1	20	0	0	0	0

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Kamrup Metro	4	0.05	1.35			4	100	0	0	0	0	0	0	0	0	0	0
Karimganj	6	0.26	1.06	0.31	1.55	3	50	0	0	0	0	3	50	0	0	0	0
Kokrajhar	1			1.14	1.14	0	0	0	0	0	0	1	100	0	0	0	0
Lakhimpur	14	0.01	1.59	0.09	0.09	13	92.9	0	0	0	0	1	7.1	0	0	0	0
Morigaon	4	0.8	1.35	0.72	0.72	3	75	0	0	0	0	1	25	0	0	0	0
Nagaon	16	0.03	3.39	0.07	0.44	8	50	5	31.3	0	0	3	18.8	0	0	0	0
Nalbari	1			1.44	1.44	0	0	0	0	0	0	1	100	0	0	0	0
Sibsagar	4	0.66	1.23	0.92	0.92	3	75	0	0	0	0	1	25	0	0	0	0
Sonitpur	11	0.02	2.17	0.13	0.21	8	72.7	1	9.1	0	0	2	18.2	0	0	0	0
Tinsukia	10	0.08	0.49	0.03	1.87	2	20	0	0	0	0	8	80	0	0	0	0
West Karbi Anglong	4	0.04	2.96	1.29	1.29	2	50	1	25	0	0	1	25	0	0	0	0
Total	167					86	51.5	11	6.6	0	0	66	39.5	3	1.8	1	0.6
Meghalaya																	
East Garo Hills	9	0.44	1.41	0.01	1.2	2	22.2	0	0	0	0	7	77.8	0	0	0	0
East Khasi Hills	1	0.07	0.07			1	100	0	0	0	0	0	0	0	0	0	0
North Garo Hills	5	0.41	0.41	1.09	2.32	1	20	0	0	0	0	3	60	1	20	0	0
Ri-Bhoi	1			0.22	0.22	0	0	0	0	0	0	1	100	0	0	0	0
South West Garo Hills	4	0.26	1.31			4	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	8	0.63	1.08	0.19	1.33	3	37.5	0	0	0	0	5	62.5	0	0	0	0
West Jaintia Hills	1	0.35	0.35			1	100	0	0	0	0	0	0	0	0	0	0
Total	29					12	41.4	0	0	0	0	16	55.1	1	3.5	0	0
Nagaland																	
Dimapur	1			3.81	3.81	0	0	0	0	0	0	0	0	1	100	0	0
Total	1			3.81	3.81	0	0	0	0	0	0	0	0	1	100	0	0
Tripura																	

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Dhalai	3	0.19	0.19	0.42	0.7	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Gomati	5	0.66	0.66	0.29	5.26	1	20	0	0	0	0	3	60	0	0	1	20
Khowai	3	0.15	0.15	0.02	0.07	1	33.3	0	0	0	0	2	66.7	0	0	0	0
North Tripura	3	0.01	0.35	0.41	0.41	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Sipahijala	4	0.09	0.59	0.11	0.15	2	50	0	0	0	0	2	50	0	0	0	0
South Tripura	4	0.15	0.26	0.21	0.23	2	50	0	0	0	0	2	50	0	0	0	0
Unakoti	4	0.04	0.09	0.23	0.45	2	50	0	0	0	0	2	50	0	0	0	0
West Tripura	8	0.47	1.45	0.02	0.8	3	37.5	0	0	0	0	5	62.5	0	0	0	0
Total	31					13	41.9	0	0	0	0	17	54.8	0	0	1	3.3
Grand Total	248					119	48	11	4.4	0	0	111	44.8	5	2	2	0.8

ANNEXURE XV

**District wise Categorisation of Change in Water Level
10 Yrs Mean (August 10-August 19)- August 2020**

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh																	
Papumpare	5	0.01	0.98	0.37	0.37	4	80	0	0	0	0	1	20	0	0	0	0
Total	5	0.01	0.98	0.37	0.37	4	80	0	0	0	0	1	20	0	0	0	0
Assam																	
Baksa	1	1.13	1.13			1	100	0	0	0	0	0	0	0	0	0	0
Darrang	5	0.14	0.51	0.56	0.94	3	60	0	0	0	0	2	40	0	0	0	0
Kamrup	7	0.26	1.09	0.02	0.3	5	71	0	0	0	0	2	29	0	0	0	0
Kamrup Metro	4	0.05	0.34			4	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	1			0.18	0.18	0	0	0	0	0	0	1	100	0	0	0	0
Morigaon	1	0.5	0.5			1	100	0	0	0	0	0	0	0	0	0	0
Nalbari	2	0.14	0.28			2	100	0	0	0	0	0	0	0	0	0	0
Udalguri	10	0.17	3.42	0.1	1.52	5	50	1	10	0	0	4	40	0	0	0	0
Total	31					21	68	1	3.2	0	0	9	29	0	0	0	0
Tripura																	
Khowai	4	0.04	0.04	0.06	0.78	1	25	0	0	0	0	3	75	0	0	0	0
Sipahijala	4	0.29	0.3	0.05	0.28	2	50	0	0	0	0	2	50	0	0	0	0
West Tripura	7	0.42	2.66	0.07	0.86	2	29	1	14	0	0	4	57	0	0	0	0
Total	15					5	33.3	1	6.7	0	0	9	60	0	0	0	0
Grand Total	51					30	58.8	2	3.9	0	0	19	37.3	0	0	0	0

**District wise Categorisation of Change in Water Level
10 Yrs Mean (November 10-November 19)- November 2020**

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Arunachal Pradesh																	
Changlang	1	0.65	0.65			1	100	0	0	0	0	0	0	0	0	0	0
East Siang	3	0.42	0.65			3	100	0	0	0	0	0	0	0	0	0	0
Papumpare	6	0.48	0.94	0.02	0.02	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Total	10					9	90	0	0	0	0	1	10	0	0	0	0
Assam																	
Barpeta	2	0.38	0.45			2	100	0	0	0	0	0	0	0	0	0	0
Biswanath	7	0.11	1.1	0.46	0.65	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Bongaigaon	7	0.13	1.01	0.81	0.81	6	85.7	0	0	0	0	1	14.3	0	0	0	0
Cachar	16	0.03	1.47	0.01	0.47	10	62.5	0	0	0	0	6	37.5	0	0	0	0
Chirang	1			0.29	0.29	0	0	0	0	0	0	1	100	0	0	0	0
Darrang	4	0.11	0.4	0.39	0.39	3	75	0	0	0	0	1	25	0	0	0	0
Dhemaji	10	0.23	0.95			10	100	0	0	0	0	0	0	0	0	0	0
Dhubri	6	0.24	6.37			5	83.3	0	0	1	16.7	0	0	0	0	0	0
East Karbi Anglong	17	0.04	2.42			16	94.1	1	5.9	0	0	0	0	0	0	0	0
Goalpara	11	0.06	0.99	0.04	0.98	7	63.6	0	0	0	0	4	36.4	0	0	0	0
Golaghat	4	0.05	1.29	0.67	0.67	3	75	0	0	0	0	1	25	0	0	0	0
Hailakandi	4	0.45	0.51	0.2	0.2	3	75	0	0	0	0	1	25	0	0	0	0
Hojai	2	0.66	1.9			2	100	0	0	0	0	0	0	0	0	0	0
Jorhat	7	0.66	1.16			7	100	0	0	0	0	0	0	0	0	0	0
Kamrup	8	0.31	0.76	0.07	0.22	6	75	0	0	0	0	2	25	0	0	0	0
Kamrup Metro	4	0.1	0.15	0.01	0.05	2	50	0	0	0	0	2	50	0	0	0	0

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Karimganj	7	0.24	0.97	0.06	0.46	2	28.6	0	0	0	0	5	71.4	0	0	0	0
Kokrajhar	1			2.2	2.2	0	0	0	0	0	0	0	0	1	100	0	0
Lakhimpur	12	0	1.48	0.07	0.3	9	75	0	0	0	0	3	25	0	0	0	0
Morigaon	8	0.22	2.43			6	75	2	25	0	0	0	0	0	0	0	0
Nagaon	19	0.13	1.37	1.3	1.3	18	94.7	0	0	0	0	1	5.3	0	0	0	0
Nalbari	1	0.17	0.17			1	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	4	0.09	1.65			4	100	0	0	0	0	0	0	0	0	0	0
Sonitpur	11	0.09	0.92			11	100	0	0	0	0	0	0	0	0	0	0
Tinsukia	10	0.12	0.97	0.13	2.13	4	40	0	0	0	0	5	50	1	10	0	0
Udalguri	8	0.1	2.28	0.15	0.65	4	50	1	12.5	0	0	3	37.5	0	0	0	0
West Karbi Anglong	3	2	2	0.02	1.01	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Total	194					147	75.8	4	2.1	1	0.5	40	20.6	2	1	0	0
Meghalaya																	
East Garo Hills	4	0.24	0.24	0.21	1.37	1	25	0	0	0	0	3	75	0	0	0	0
East Khasi Hills	4	0.08	0.94			4	100	0	0	0	0	0	0	0	0	0	0
North Garo Hills	4	0.54	0.9	0.47	1.49	2	50	0	0	0	0	2	50	0	0	0	0
Ri-Bhoi	2	0.09	0.09	0.01	0.01	1	50	0	0	0	0	1	50	0	0	0	0
South West Garo Hills	2	1.78	1.78	0.29	0.29	1	50	0	0	0	0	1	50	0	0	0	0
West Garo Hills	6	0.07	2.38	0	0.4	1	16.7	1	16.7	0	0	4	66.7	0	0	0	0
West Jaintia Hills	2	0.21	0.37			2	100	0	0	0	0	0	0	0	0	0	0
Total	24					12	50	1	4.2	0	0	11	45.8	0	0	0	0
Nagaland																	
Dimapur	3	5.92	5.92	1.48	2.4	0	0	0	0	1	33.3	1	33.3	1	33.3	0	0
Total	3	5.92	5.92	1.48	2.4	0	0	0	0	1	33.3	1	33.3	1	33.3	0	0
Tripura																	

District	No of stations analyzed	Range in m				Rise						Fall							
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m			
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%		
Dhalai	4	0.13	0.32	5.53	5.53	3	75	0	0	0	0	0	0	0	0	0	0	1	25
Gomati	5	0.14	0.94			5	100	0	0	0	0	0	0	0	0	0	0	0	0
Khowai	4	0.23	2.24	0.04	0.04	2	50	1	25	0	0	1	25	0	0	0	0	0	0
North Tripura	5	0.18	0.59	0.03	0.03	4	80	0	0	0	0	1	20	0	0	0	0	0	0
Sipahijala	4	0.25	0.59			4	100	0	0	0	0	0	0	0	0	0	0	0	0
South Tripura	5	0.12	0.84			5	100	0	0	0	0	0	0	0	0	0	0	0	0
Unakoti	5	0.64	0.64	0.85	2.43	1	20	0	0	0	0	3	60	1	20	0	0	0	0
West Tripura	7	0.19	3.27	0.25	1.23	3	42.9	1	14.3	0	0	3	42.9	0	0	0	0	0	0
Total	39					27	69.2	2	5.1	0	0	8	20.5	1	2.6	1	2.6	1	2.6
Grand Total	270					195	72.2	7	2.6	2	0.7	61	22.6	4	1.5	1	0.4	1	0.4

**District wise Categorisation of Change in Water Level
10 Yrs Mean (January 11-January 20)- January 2021**

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Changlang	4	0.03	0.61	0.12	0.12	3	75	0	0	0	0	1	25	0	0	0	0
East Siang	3	0.17	0.24	0.09	0.09	2	67	0	0	0	0	1	33	0	0	0	0
Lohit	1			1	1	0	0	0	0	0	0	1	100	0	0	0	0
Papumpare	6	0.34	0.87	0.15	1.81	3	50	0	0	0	0	3	50	0	0	0	0
Tirap	3	0.01	0.48			3	100	0	0	0	0	0	0	0	0	0	0
Total	17					11	65	0	0	0	0	6	35	0	0	0	0
Assam																	
Baksa	2	0.92	0.92	0.38	0.38	1	50	0	0	0	0	1	50	0	0	0	0
Barpeta	4	0.25	0.6	1.84	1.84	3	75	0	0	0	0	1	25	0	0	0	0
Biswanath	6	0.12	0.52	0.11	2.12	4	67	0	0	0	0	1	17	1	17	0	0
Bongaigaon	8	0.33	0.82	0.08	1.29	5	63	0	0	0	0	3	38	0	0	0	0
Cachar	12	0.02	3.09	0.32	3.47	6	50	1	8.3	0	0	3	25	2	17	0	0
Chirang	1			0.08	0.08	0	0	0	0	0	0	1	100	0	0	0	0
Darrang	6	0.16	0.29	0.21	1.08	3	50	0	0	0	0	3	50	0	0	0	0
Dhemaji	9	0.11	0.62			9	100	0	0	0	0	0	0	0	0	0	0
Dhubri	8	0.3	1.43	0.05	0.6	6	75	0	0	0	0	2	25	0	0	0	0
Dibrugarh	6	0.01	0.81	0.21	0.21	5	83	0	0	0	0	1	17	0	0	0	0
East Karbi Anglong	22	0.36	3.11	0.08	4.56	14	64	1	4.5	0	0	4	18	1	4.5	2	9
Goalpara	12	0.01	1.27	0.19	0.82	10	83	0	0	0	0	2	17	0	0	0	0
Golaghat	5	0.75	0.96	0.1	0.67	2	40	0	0	0	0	3	60	0	0	0	0
Hailakandi	4	0.18	0.62	0.19	3.42	2	50	0	0	0	0	1	25	1	25	0	0

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Hojai	2	0.43	0.43	1.62	1.62	1	50	0	0	0	0	1	50	0	0	0	0
Jorhat	8	0.01	0.96	0.15	0.39	6	75	0	0	0	0	2	25	0	0	0	0
Kamrup	9	0.28	1.05	1.01	1.01	8	89	0	0	0	0	1	11	0	0	0	0
Kamrup Metro	5	0.28	0.93	0	0.29	3	60	0	0	0	0	2	40	0	0	0	0
Karimganj	8	0.04	1.27	0.26	0.59	4	50	0	0	0	0	4	50	0	0	0	0
Kokrajhar	2	0.06	0.06	1.64	1.64	1	50	0	0	0	0	1	50	0	0	0	0
Lakhimpur	14	0.09	1.09	0.01	0.5	7	50	0	0	0	0	7	50	0	0	0	0
Morigaon	9	0.09	1.35	0.19	0.23	7	78	0	0	0	0	2	22	0	0	0	0
Nagaon	19	0.24	2.02	0.12	1.08	14	74	1	5.3	0	0	4	21	0	0	0	0
Nalbari	3	0.08	0.08	0.9	2.66	1	33	0	0	0	0	1	33	1	33	0	0
Sibsagar	4	1.01	1.5	0.21	0.38	2	50	0	0	0	0	2	50	0	0	0	0
Sonitpur	12	0.11	1.25	0.3	5.15	8	67	0	0	0	0	3	25	0	0	1	8
Tinsukia	7	0	0.92	0.5	0.96	5	71	0	0	0	0	2	29	0	0	0	0
Udalguri	11	0.24	3.33	0.27	0.57	7	64	2	18	0	0	2	18	0	0	0	0
West Karbi Anglong	3	1.21	1.21	0.56	1.26	1	33	0	0	0	0	2	67	0	0	0	0
Total	221					145	66	5	2.3	0	0	62	28	6	2.7	3	1
Meghalaya																	
East Garo Hills	9	0.06	1.74	0.04	0.65	7	78	0	0	0	0	2	22	0	0	0	0
East Khasi Hills	3	0.2	0.22	0.08	0.08	2	67	0	0	0	0	1	33	0	0	0	0
North Garo Hills	5	0.01	0.83	0.01	0.34	2	40	0	0	0	0	3	60	0	0	0	0
Ri-Bhoi	2	0.16	0.16	1.58	1.58	1	50	0	0	0	0	1	50	0	0	0	0
South West Garo Hills	2	0.32	1.24			2	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	8	0.13	3.81	0.09	1.09	4	50	1	13	0	0	3	38	0	0	0	0
West Jaintia Hills	1	0.62	0.62			1	100	0	0	0	0	0	0	0	0	0	0
Total	30					19	63.3	1	3.3	0	0	10	33.3	0	0	0	0

District	No of stations analyzed	Range in m				Rise						Fall					
		Rise		Fall		0-2m		2-4m		>4m		0-2m		2-4m		>4m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Nagaland																	
Dimapur	9	0.44	4.81	1.16	1.88	5	56	0	0	1	11	3	33	0	0	0	0
Total	9	0.44	4.81	1.16	1.88	5	56	0	0	1	11	3	33	0	0	0	0
Tripura																	
Dhalai	5	0.25	0.35	0.12	1.17	2	40	0	0	0	0	3	60	0	0	0	0
Gomati	5	0.27	1.96	0.37	0.37	4	80	0	0	0	0	1	20	0	0	0	0
Khowai	4	0	0.6	0.2	0.73	2	50	0	0	0	0	2	50	0	0	0	0
North Tripura	6	0.1	0.5	0.02	0.11	4	67	0	0	0	0	2	33	0	0	0	0
Sipahijala	4	0.14	0.32	1.79	1.79	3	75	0	0	0	0	1	25	0	0	0	0
South Tripura	4	0.26	0.6	0.12	0.12	3	75	0	0	0	0	1	25	0	0	0	0
Unakoti	7	0.09	0.14	0.5	1.35	2	29	0	0	0	0	5	71	0	0	0	0
West Tripura	8	0.21	3.44	0	2.93	3	38	1	13	0	0	3	38	1	13	0	0
Total	43					23	53.4	1	2.3	0	0	18	42	1	2.3	0	0
Grand Total	320					203	63.5	7	2.2	1	0.3	99	30.9	7	2.2	3	0.9

LONG TERM GROUND WATER LEVEL TREND OF PRE-MONSOON
Period: March-2010 to March-2020

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Arunachal Pradesh				
Changlang				
Jairampur	92A4A1	40	0.05	-
Namchik	92A3A1	39	-	0.021
Namphai	92A3A2	38	0.022	-
Newlisan Kharsang	92A2A1	39	-	0.031
East Siang				
Oyen	ARES12	18	-	0.925
Pasighat New	ARES02A	33	0.125	-
Ruksin	ARES11	29	0.042	-
Satmile	ARES17	13	0.174	-
Sika Baman Todee	ARES14	26	0.157	-
Lohit				
Adi Ningroo 1 Ow	ARLO02	5	-	0.071
Lathow	83M2D1	41	-	0.117
Lower Subansiri				
Bomte	ARLSO3	21	0.075	-
Rajgarh	ARLSO2	21	0.113	-
Papumpare				
Banderedewa I	ARPP04	30	-	0.101
Chimpu	ARPP13	30	0.025	-
Doimukh	83E4D5	17	0.008	-
Itanagar I	ARPP10	30	0.048	-
Kimin	83E3D2	37	0.043	-
Naharlagun I	ARPP08	19	0.459	-
Nirjuli Vill IIA	ARPP06	30	0.143	-
Nirjuli Vill IIB	ARPP07	30	-	0.055
Sonajuli	83E4C1	32	0.124	-
Tirap				
Borduria	83M4B3	38	0.06	-
Deomali	83M4C1	38	0.093	-
Hukanjuri	83M4B4	38	-	0.02
Assam				
Baksa				
Jhargaon	ASBS01	25	-	0.091
Tamulpur	78N2C1	33	-	0.082
Barpeta				
Bhawanipur	78N3A1	28	0.01	-
Dhupguri(Galia)	ASBP13	19	-	0.057
Nityanada OW	ASBP18	25	-	0.106

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Patacharkuchi	ASBP16	16	-	0.101
Sarupeta	78N3A6	35	-	0.083
Sorbhog	78J3D4	37	-	0.036
Ujanborbori	78N2A2	23	-	0.042
Biswanath				
Behali	ASSP33	8	0.61	-
Bihupukhuri	83F2A7	39	0.077	-
Biswanath Chariali	83F2A6	29	-	0.593
Biswanath Ghat	83F2A8	40	0.185	-
Borgang	83F1B2	28	0.017	-
Buroighat	ASSP 25	29	0.028	-
Gohpur	83F1C2	27	0.022	-
Hawajan	83F1C4	29	0.116	-
Helem	ASSP24	30	0.016	-
Kheroni	ASSP35	9	-	0.079
Kolabari	ASSP23	25	0.034	-
Sootia	83F2A2	30	0.134	-
Bongaigaon				
Abhayapuri	78J3C2	38	-	0.154
Baitamari	78J3C1	46	-	0.031
Bongaigaon New	78J3C9	33	0.087	-
Chalantapara	78J3C4	38	0.282	-
Chaprakata	78J3C7	27	0.175	-
Chaprakata (Dankinamari)	ASBN10	27	-	0.077
Majgaon	ASBN11	26	-	0.077
Manikpur	78J3D1	47	-	0.071
Medhipara(Deo)	78J3C6	36	-	0.114
North salmara	78J3C8	39	-	0.191
Cachar				
Atalbasti	ASCR35	21	-	0.159
Badribasti	83D1D7	42	0.052	-
Borjalinga	83D2D1	41	0.074	-
Borkhola	83D1C8	40	0.004	-
Dargakuna	ASCR25	27	0.168	-
Digharkhal	83D1C3	34	-	0.028
Dwarbond	ASCR40	8	-	1.889
Fulertol	ASCR37	23	0.166	-
Kalain	83D1C14	42	0.006	-
Kathaltila	ASCR36	8	-	0.839
Katigora	ASCR27	25	0.143	-
Masimpur	ASCR23	19	0.229	-
Nagdirgram	ASCR39	24	0.048	-
Palanghat	83D2D10	30	0.156	-
Poilapul	83H1A9	36	0.066	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Razabazar	83H1A7	39	0.34	-
Shivachal	ASCR28	24	0.026	-
Shivtila	83H1A4	38	-	0.052
Silcoorie	ASCR38	18	0.066	-
Tarapur	ASCR32	24	0.052	-
Chirang				
Bijni	78J3C5	33	-	0.126
Garubassa	78J2B5	7	-	0.176
Runikhata	78J2B2	5	0.385	-
Sidli	78J2B6	8	-	0.269
Darrang				
Bhakatpara Ow	ASDR33	19	-	0.025
Dalgaon	83B2A2	39	0.014	-
Gelabil (Thelamara)	83B2B6	30	0.019	-
Majgaon OW	ASDR34	18	0.03	-
Majgaon-II	ASDR30	21	-	0.422
Mangaldoi	83B3A1	38	-	0.074
Mangaldoi II	83B3A3	36	0.024	-
Dhemaji				
Bhagaban charali	83I2D2	38	0.019	-
Bijoypur	83M1A3	38	0.11	-
Bokabil Ow	ASDM24	27	0.058	-
Bordoloni	83I3B1	25	0.038	-
Chengali Pather Ow	ASDM23	21	-	0.016
Dhemaji 1	ASDM 23	27	0.155	-
Dipa	83I2D3	29	0.02	-
Ghilamara Ow	ASDM26	6	0.09	-
Gogamukh Hss Ow	ASDM25	27	-	0.028
Jonai murkongselek	83M1A1	40	0.041	-
Moridhal	ASDM27	14	-	0.068
Santipur	ASDM28	14	-	0.131
Siripani	83I2C3	22	0.042	-
Sisibargaon	83I2C2	41	0.052	-
Telem	83M2A1	40	0.043	-
Dhubri				
Bagaribari	78J4A4	45	-	0.091
Bahalpur	78J3B4	37	0.013	-
Bilasipara	78J4A1	42	-	0.087
Chapar	78J3B2	46	-	0.094
Dakhin Tokesara	ASDH16	28	-	0.159
Dhubri Town	78F4D4	44	0.025	-
Matabag	ASDH19	17	0.507	-
Moterjhar	ASDH17	13	0.153	-
Panbari	78J4A2	38	-	0.228

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Shapamari Beat	ASDH13	30	-	0.143
Sonamukhi	ASDH14	22	-	0.084
Tamarhat	78F4D2	7	-	0.15
Tipkai	78J3A2	6	0.148	-
Dibrugarh				
AMC Campus	ASDB14	24	-	0.143
Azarguri gaon	83I3D4	41	-	0.017
Barbaruah	83I3D6	41	-	0.048
Chabua	83M3A2	39	0.037	-
Dikom	83M3A1	41	-	0.021
Domar Dolong Tw	ASDB12	27	-	0.017
Lepetkata	ASDB13	19	0.104	-
Melengial PWSS	ASDB15	15	-	0.375
East Karbi Anglong				
Adarakha Tiniali	ASKA44	23	0.117	-
Amlokhi	ASKA53	17	0.084	-
Balipathar	83F4D3	39	-	0.029
Bokajan I	ASKA41	29	-	0.368
Bokajan II	ASKA42	30	0.095	-
Bokoliaghat	ASKA34	25	0.05	-
Borkulia	83G1C3	35	-	0.156
Dengaon	ASKA08	8	0.656	-
Deopani	83F4D4	38	0.22	-
Dillai	83G1C4	58	0.027	-
Diphu	83G1B1	31	-	0.207
Diphu(matibung Road)	ASKA57	7	0.24	-
Dishobai	ASKA35	24	0.575	-
Ghouria Dhubi	ASKA43	20	0.06	-
Hapjan	83G1C1	15	0.339	-
Hidipi	83F4C1	33	0.193	-
Khatkhati	83G1D3	37	-	0.155
Khatkhati (matipul Nmgr)	ASKA50	13	0.387	-
Lahorijan	ASKA51	16	0.37	-
Lakhijan	ASKA52	18	0.018	-
Langhing	ASKA32	26	-	0.057
Manikpur	83F4A6	31	-	0.261
Manja Bus Stand	ASKA39	22	0.759	-
Mohendijua	ASKA38	27	0.032	-
Phonglangso	ASKA36	26	0.034	-
Phuloni	83F4A2	38	0.026	-
Saphapani	ASKA45	28	0.072	-
Silanijan	83F3D1	42	-	0.068
Swarghati	ASKA31	23	-	0.046
Terangaon	ASKA37	24	-	0.076

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Goalpara				
Agia2	ASGP21	29	0.012	-
Baida	78J4B3	36	0.054	-
Bhalukdubi (Goalpara)	ASGP15	29	0.095	-
Damra	78K1D8	39	-	0.069
Dudhnai	78K1D1	40	-	0.021
Dudhnoi II	ASGP17	27	0.017	-
Dwarka	ASGP19	27	0.055	-
Krishnai	78J4C1	23	-	0.101
Pattarpara	ASGP22	28	0.043	-
Rongjuli	78K1D2	40	0.022	-
Salpara	ASGP16	29	-	0.002
Sarapara	ASGP23	29	-	0.016
Teuli	ASGP20	25	0.247	-
Golaghat				
Bokakhat1	ASGL12	28	-	0.096
Butalikua	ASGL16	12	1.243	-
Gaghibari Namghar	ASGL10	24	0.131	-
Garampani	ASGL15	28	0.371	-
Garigaon	ASGL17	12	0.664	-
Haldibari Buri Ai	ASGL13	29	0.234	-
Kohra kaziranga	83F2B1	27	-	0.109
Oating	83J3A1	42	0.247	-
Hailakandi				
Burakhai	ASHL08	26	0.076	-
Katlicherra N	ASHL02A	32	0.287	-
Lakhinagar	ASHL09	9	0.015	-
Lala	ASHL10	9	-	0.042
Monacherra	83D2C3	24	0.027	-
Panchgram New	ASHL05A	37	0.016	-
Syedband Part II	ASHL01A	36	0.067	-
Hojai				
Lanka	83C1D1	34	0.314	-
Lumding	83G1A1	28	-	0.32
Tirchang	ASNG47	8	0.286	-
Zebra Khua	ASNG33	11	0.336	-
Jorhat				
Bijay Nagar	ASJR33	14	-	0.007
Cinemora	ASJR18	29	0.202	-
Dabarapara charali	83J2B3	40	0.073	-
Gatisunga	ASJR37	7	-	0.516
Kamarbandha	ASJR34	17	0.293	-
Kokilamukh	83J1A3	33	-	0.022
Kunwari Pukhuri	ASJR35	17	-	0.121

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Lichubari	ASJR21	27	0.314	-
Meleng Kaparadharia	ASJR28	28	0.094	-
Sodial Kacharigaon	ASJR22	29	0.182	-
Titabor	83J2A7	38	0.073	-
Kamrup				
Abhaipur	ASKM44	23	0.165	-
Agyathuri	78N4C2	38	0.215	-
Alikash Adarsh	78N4C16	31	-	0.057
Bamunigaon I	78N4B3	33	-	0.086
Boko I	ASKM39	17	-	0.13
Chhaygaon	ASKM41	28	0.116	-
Darkuchi	78N2C4	33	-	0.113
Dhobartari	ASKM45	21	-	0.153
Dora Kahara	ASKM47	21	-	0.277
Hajo	78N4C5	40	0.079	-
Kahara	78N3C2	24	0.013	-
Mirza	ASKM42	30	0.183	-
Rajapara	78O1A3	41	-	0.029
Rangia	78N3C1	27	-	0.129
Rani	ASKM32	9	0.178	-
Sualkuchi	78N4C11	37	-	0.033
Tarani	ASKM48	15	-	0.053
Kamrup Metro				
Amingaon	ASKM46	22	0.067	-
Azara	78N4C1	21	-	0.06
Bamfor	ASKM50	26	-	0.011
Boragaon	78N4C7	32	0.061	-
Chandrapur	78N4D9	14	0.134	-
Dirgheswari	78N4C12	28	-	0.156
Kahilipara	78N4D7	19	0.003	-
Khanapara	78N4D3	20	-	0.097
Khetri II	ASKM51	26	-	0.071
Maligaon	78N4C6	19	0.567	-
Paltan bazar	78N4C14	17	0.248	-
Panikhaiti	78N4D4	7	0.044	-
Rani I	78N4C9	30	-	0.052
Rani 2	ASKM43	29	0.018	-
Samanta Pathar	ASKM36A	19	0.264	-
Sonapur	83B4A2	39	0.003	-
Sonapur II	ASKM52	28	0.218	-
Topatoli	83B4A4	38	-	0.14
Topatoli New	ASKM35A	21	0.071	-
Zoo narangi rd	78N4D2	18	-	1.126
Karimganj				

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Badarpur	83D1C1	42	0.232	-
Dhaulia	83D2B6	38	0.053	-
Hatikira	83D3B1	38	0.072	-
Kalinagar	ASKG12	8	0.067	-
Karmganj	ASKG15	24	0.041	-
Kayasthagram	ASKG16	23	0.106	-
Patharkandi	ASKG17	25	0.29	-
Rk Nagar I	83D2B4	41	0.277	-
Sarkaribari	83D2B7	40	0.036	-
Kokrajhar				
Balajan	ASDH15	22	-	0.099
Kokrajhar	78J3B1	8	-	0.1
Rupshi	78F4D3	43	-	0.168
Lakhimpur				
Amguri	ASLK23	28	0.016	-
Basudeothan	83I3B8	10	0.045	-
Bhogpur charali	83E4D1	41	-	0.019
Bihpuria	83E4D4	28	0.103	-
Boginadi(balijan)	83I3A1	22	0.146	-
Borbil Tariyani	ASLK29	14	0.021	-
Dejoo	ASLK24	29	0.024	-
Dolanghat chara	83I4A3	39	0.117	-
Harmoti	83E4D6	40	-	0.074
Islampur	83E4D3	38	0.031	-
Kadam	83I3A3	38	0.028	-
Koilamari 6 No Line	ASLK31	14	-	0.076
Laluk	83E4D2	37	-	0.047
Madhupur	ASLK22	21	0.084	-
Milanpur	ASLK26	29	0.067	-
Moridirgha	ASLK30	15	0.049	-
N.lakhipur(old)	83I4A1	35	-	0.006
Narayanpur	83F1D4	40	0.009	-
Panigaon	83I4A2	34	0.06	-
Pathalipam	83I3B6	40	0.007	-
Pathalipam II	ASLK25	23	0.068	-
Morigaon				
Baghara	83B4B2	39	-	0.021
Baropujia	ASMR14	26	0.024	-
Barukati	ASMR27	15	0.072	-
Basanaghat Ow	ASMR19	20	0.072	-
Charibahi Ow	ASMR22	11	0.178	-
Daponibari N	ASMR30	5	0.846	-
Deosal	ASMR12	23	0.092	-
Garmari gaon	83B3A4	32	-	0.16

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Jagiroad	83B4A1	40	-	0.059
Kumoi	ASMR15	27	-	0.11
Miarabari	83B3B3	9	0.274	-
Moirabari	ASMR25	9	0.274	-
Nasatra	83B4A5	25	-	0.148
Nelle New	ASMR11	24	-	0.046
Pamibahua	ASMR16	26	0.105	-
Solmari Ow	ASMR21	21	-	0.103
Nagaon				
Amsoi	83B4B5	37	-	0.026
Bagori	83F2A4	19	0.597	-
Balijan/balijuri Ow	ASNG42	20	-	0.075
Bamuni tinali	83B3D9	28	-	0.013
Beldonga mandir	83B4D8	38	0.019	-
Bichamari	83B3B1	35	-	0.059
Bordowa	83B3C2	39	-	0.076
Dakhinpath OW	ASNG44	25	0.036	-
Dalapani	ASNG39	27	-	0.167
Dhing	83B3B6	41	-	0.035
Doboka	83B4D1	37	-	0.24
Ghasibasti Ow	ASNG46	21	-	0.027
Gomotha	ASNG34	26	0.132	-
Haldiati sub bt	83B4D6	38	-	0.047
Hateniibatha	ASNG35	27	-	0.091
Jurapukhuri	83C1D7	38	-	0.005
Kathiatoli	83B4C4	44	-	0.085
Kazirang Tourist Vil	ASNG27	18	-	0.218
Kondali	83B3D5	27	-	0.002
Langteng TE	83F3A2	18	-	0.251
Nadeorigaon	83B4D2	24	-	0.049
Naltali	ASNG37	28	0.038	-
Pahukata	ASNG36	24	0.088	-
Phulaguri	ASNG48	14	0.294	-
Phulaguri R6	83F2A5	31	0.256	-
Rangamati Ow	ASNG45	17	-	0.074
Silghat	83B2D6	41	-	0.153
Sulung p.o.	83B3D8	44	-	0.015
Telia bebejia	83B3C7	35	-	0.228
Nalbari				
Daulasal	ASBP14	27	-	0.168
Daulasal OW	ASBP15	22	-	0.125
Tihu	78N3B3	37	-	0.07
Sibsagar				
Athkhel Grant	ASSA05	7	2.333	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Bandarmari	83I4C14	38	0.15	-
Betbari alimore	83I4C8	25	0.205	-
Borkulanagar	ASSA07	10	-	0.25
Demow Sukan	83I4C11	40	0.047	-
Dhapaboria	83I4C5	18	0.312	-
Garbhaga Pwss	ASSA06	12	0.091	-
Geleki	83J1C9	15	-	0.051
Hanumanbagh	83J1C7	18	0.136	-
Madhurigohain Gaon	ASSA03	8	0.771	-
Moranhat	83I4D1	25	-	0.016
Santak	ASSA04	12	-	0.095
Sapekhati	83M4A1	45	-	0.036
Sibsagar	83J1C2	34	0.086	-
Sonarigaon	ASSA02	8	0.246	-
Sonitpur				
18th Mile	ASSP29	29	-	0.038
Balipara	83B1D4	40	-	0
Barchola	83B2B5	36	0.024	-
Charduar	83B1D1	40	-	0.023
Dhalaibil	83B1D3	34	0.071	-
Dhekiajuli	83B2B2	40	-	0.011
Garumari	83B1D2	40	0.159	-
Jamuguri North	83B2D3	39	-	0.014
Na Pam	ASSP31	24	-	0.022
Tezpur	83B2D2	41	-	0.036
Thelamara	ASSP30	30	0.037	-
Tolakbari OW	ASSP34	28	-	0.03
Tupia	ASSP28	29	0.1	-
Tinsukia				
Borgolai	83M3C2	38	-	0.044
Digboi	83M3C1	41	0.117	-
Jagun	83M3D4	41	0.03	-
Jaipur naharjan	83M4B5	37	0.085	-
Kumsang Selenguri	ASTS22	25	0.222	-
Lekhapani	83M3D1	41	0.024	-
Panitola	83M3B4	41	0.141	-
Tinsukia	83M3B2	41	0.004	-
Tipong	ASTS20	27	-	0.082
Tirap gate	83M3D2	41	-	0.057
Udalguri				
Bengbari	78N2D10	35	-	0.083
Bhalukmari	83B2A7	39	0.024	-
Goroibari	ASDR31	26	0.004	-
Hatitopagaon	83B1B1	16	-	0.094

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Kalaigaon	78N2D3	39	-	0
Madhupur	83B2A6	33	-	0.05
Orang	83B2B1	35	0.048	-
Paneri	78N2D9	38	-	0.132
Rowta chariali	83B2A3	40	-	0.028
Tangla/tokken Katta	78N2D2	31	0.349	-
Thekerabari .1	83B2A1	38	-	0.035
Udalguri	83B2A4	38	-	0.062
West Karbi Anglong				
Boithalangu	83C1C2	22	-	0.089
Donkamokam	83C1C1	28	0.033	-
Kalanga	83C1D2	31	-	0.064
Kheronighat	83C1D3	34	-	0.06
Meghalaya				
East Garo Hills				
Baiza Rongreng	MLEG15	23	-	0.08
Darugiri	78K2D2	38	-	0.045
Depa sarangma	78K1D4	21	0.068	-
Dobu	MLEG13	23	-	0.06
Narringirri	MLEG14	25	-	0.106
Rongjeng	78K2D1	38	-	0.316
Rongmil	78K2D3	38	-	0.144
Samanda Megapagre	MLEG16	23	0.027	-
Songsak	MLEG17	25	-	0.022
Williamnagar	78K2C2	35	-	0.029
East Jaintiya Hills				
Powergrid Khliehriat	MLEJ01	5	-	1.917
East Khasi Hills				
Cherrapunji	78O3C1	32	-	0.009
Dangar	MLEK14	13	0.2	-
Lachuamiere	MLEK09	25	0.002	-
Lapalang Ow	MLEKHOW5	8	0.313	-
Mawpat	MLEK11	20	-	0.665
Nit Cherrapunji	MLEKHOW6	8	0.323	-
Nongmynsong	MLEK12	24	0.016	-
Shillong Golf Link	MLEK07	24	0.033	-
Water Resources Dept	MLEKOW1	11	-	0.381
North Garo Hills				
Bajengdoba	78K1C2	31	-	0.105
Dainadubi	MLEG11	27	0.092	-
Kharkutta	78K1D7	38	-	0.002
Mendal	78K1B1	37	-	0.08
Mendipathar	78K1C1	35	-	0.08
Ri Bhoi				

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Byrnihat	MLRB02A	33	0.054	-
Lumkeni	MLRBOW7	15	0.305	-
Nayabunglow	MLRB04	17	0.357	-
Nongladew	MLRBOW02	15	-	0.02
Nongpoh	78O1D1	34	-	0.013
Pahanmawlier	MLRB06	21	-	0.09
Patharkhamma Barigaon	MLRB9	13	0.113	-
Purduwa	MLRBOW4	15	-	0.046
Rpbf Kyrdemkulai	MLRBOW9	8	-	1.454
Sohpdok	MLRBOW5	15	-	0.124
Tamanpahlong	MLRB	13	0.017	-
Tdohumshaiw	MLRBOW6	15	-	0.475
Umroi Maidan	MLRB8	14	-	0.048
South West Garo Hills				
Ampati	78G3D1	28	0.155	-
Betasing II	ASWG25	15	0.396	-
Garobandha	78K2A1	28	0.137	-
Mahendraganj	78G3D2	23	-	0.052
Zikzak	78G3D5	22	-	0.112
West Garo Hills				
Asanang	78K2B1	34	-	0.088
Baljek	ASWG17	24	0.002	-
Belguri	ASWG21	23	-	0.11
Dalu	MLWG25	14	0.012	-
Damjongre	MLWG21	13	-	0.332
Nidanpur II	ASWG19	11	-	0.067
Phulbari	78K1A1	37	-	0.022
Phutamati	ASWG20	26	0.03	-
Purkhasia	78K3A1	29	-	0.006
Rajabala	ASWG26	18	0.018	-
Rongram	ASWG18	26	-	0.073
Salsella	MLWG22	15	0.144	-
Snalgre	MLWG23	14	-	0.172
Tikrikilla	78K1A2	36	0.582	-
West Jaintiya Hills				
Dauki	83C4A1	38	0.108	-
Jowai	83C3A1	36	0.037	-
West Khasi Hills				
Mairang	78O2C1	30	0.021	-
Nagaland				
Dimapur				
3 Mile Bazar	NLDM19	17	1.003	-
7th Mile Colony	NLDM21	22	0.418	-
Bade Bazar	NLDM25	16	0.463	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Chumkidima	83G1D1	31	0.06	-
Dhansiripar	83G1C5	28	0.029	-
Diphupar	NLDM22	22	-	0.02
Doyabur DMC	NLDM12	20	0.532	-
Industrial Estate	83G1C7	26	0.055	-
Maibiram	NLDM13	19	0.736	-
Marwari Colony	83G1C9	26	-	0.125
Purana Bazar	83G1C10	27	-	0.083
Rilayan Colony	NLDM24	17	2.312	-
Seirujha Colony	83G9GM11	30	1.442	-
Singrijan	83G1C6	33	0.104	-
Thilaxu Block-II	NLDM16	21	0.065	-
Wildlife Office Dimapur	83G1C2	25	0.654	-
Zakesatho Colony	NLDM23	21	0.583	-
Zion Hospital	NLDM18	8	0.11	-
Kohima				
Cathedral Complex	83K2A1	26	0.061	-
NLSA Complex	83K2A2	25	0.076	-
Sepfuzou Colony	83K2A3	26	0.491	-
Mokokchang				
Lampi	83J3B1	25	0.033	-
Mon				
Mon Town	83N2GM14	20	0.609	-
Namsa	83J1D1	24	0.205	-
Peren				
Jalukie	83G2C1	26	0.374	-
Phek				
Phek Town	83K6GM13	20	0.276	-
Tuensang				
Tuensang	83J16GM12	19	-	0.51
Wokha				
New Market	83J4B2	24	-	0.159
Tourist Lodge	83J4B1	25	0.257	-
Wokha Town	83N2GM15	10	-	0.501
Tripura				
Dhalai				
Abhanga N	TRDL04	37	0.062	-
Ambassa N	TRDL06	24	-	0.919
Chawmanu	TRDL13	5	-	0.193
Darlang Basti	TRDL02	22	-	0.159
Durga Cherra	TRDL09	5	-	0.763
Durga Chowmuhani	TRDL01	22	0.095	-
J.m. Complex Chailengta	TRDL12	5	0.513	-
Kamalpur	78P4D1	39	0.048	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Kulai	TRDL 08	8	-	0.335
Lalchari	TRDL03	5	-	0.353
Manu N	TRDL05	34	0.067	-
Nunacherra	TRDL11	5	0.002	-
Sindhu Kumar	TRDL07	17	-	0.097
Gomati				
Amarpur	TRST05	26	-	0.197
Bampur	TRST 06	28	0.031	-
Dewanbari	TRGM04	8	-	1.265
Dhawajnagar Udaipur	79M2B8	39	0.073	-
Garjee Bazar	79M3B4	39	0.104	-
Jatanbari	TRGM01	17	-	0.133
Joingkami	TRGM03	7	-	0.235
Kankraban	TRST12	28	-	0.171
Naobari	TRST04	17	0.174	-
Noabari-2	TRGM02	8	0.026	-
Khowai				
45miles	TRKH01	16	-	0.618
Chakmaghat Ew	TRWT02	9	-	0.142
Chakmaghat Ow	TRWT03	9	-	0.327
Kalyanpur	79M1C2	41	0.04	-
Khowai	78P4C5	41	0.003	-
Paschim Howaibari	TRWT34	27	0.061	-
Totabari Ew	TRKH02	8	-	0.366
Tuimadhu	TRWT37	27	0.063	-
North Tripura				
Ananda Bazar	TRNT29	5	0.233	-
Dataram	TRNT30	5	-	0.671
Kanchanpur Court Ow	TRNT01	9	-	0.686
Khedacherra	TRNT28	5	0.152	-
Narendra Nagar	TRNT26	6	0.492	-
Sabual	TRNT31	5	-	1.625
Kanchanpur	84A1A1	28	0.096	-
Satnala	TRNT16	22	-	0.007
Bagbasa N	TRNT10	36	0.019	-
Churaibari	TRNT23	17	0.145	-
Dharmanagar	83D3B2	41	0.06	-
Lalchhara	TRNT22	16	-	0.114
Sanicherra	TRNT24	17	0.638	-
Laljuri	TRNT15	24	-	0.022
Naba Joypara (natun	TRNT20	17	0.155	-
Deocherra	TRNT25	17	-	0.072
Kunjanagar	TRNT21	16	-	0.062
Panisagar	83D4A1	40	-	0.002

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Krishnapur	TRNT19	16	0.162	-
Sipahijala				
Dakshin Kalamcherra	TRWT04A	39	-	0.012
Golaghati	TRSJ01	17	-	0.089
Gongrai	TRWT36	28	0.024	-
Kathalia bazar	79M3B5	40	-	0.023
Kenania	79M2A2	34	0.109	-
Lalmaibari	TRSJ03	8	0.227	-
Shivnagar	TRSJ02	8	-	0.629
Tufaniamura	TRWT35	26	0.074	-
South Tripura				
Amlı Ghat	TRST35	11	-	1.19
Anandabandu Para	TRST42	11	-	0.536
Baishanbpur	TRST30	11	-	1.726
Bankul Mahamani	TRST	6	-	0.039
Bijaynagar	TRST32	10	-	0.395
Gardhang	TRST11	23	-	0.004
Ghorakhappa	TRST41	10	-	0.4
Kalachhara	TRST10	21	0.357	-
Kalirbazar	TRST29	11	0.087	-
Kashari	TRST24	5	2.264	-
Magroom	TRST31	11	-	0.301
Manu Bazar	TRST 9	27	-	0.031
Manurmukh	TRST03A	38	0.059	-
Motu Mogpara	TRST33	6	-	0.001
Poangbari	TRST37	11	-	1.528
Purba Takka	TRST38	11	-	0.794
Radhanagar	TRST15	24	0.018	-
Rajib Nagar Ew	TRST28	9	0.148	-
Rajnagar	TRST14	25	0.075	-
Rangamura	TRST25	8	0.426	-
Sabroom	79M4C1	40	0.031	-
Shashi-chndrapur	TRST34	6	-	0.462
Srinagar	TRST36	11	0.087	-
Tuichama Ew	TRST26	8	0.052	-
Tuichama OW	TRST27	8	-	0.115
Unakoti				
Chandramanikami	TRNT18	22	0.114	-
Dumdum	TRUK02	7	-	0.03
Gauranagar N	TRNT11	40	0.106	-
Jarutali	TRNT27	16	0.622	-
Kanchanbari	TRUK01	5	-	0.01
Kanchanchhera	TRNT12	27	0.072	-
Karaicherra	TRNT14	24	-	0.434

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Kumarghat	83D4A6	40	0.091	-
Panchamnagar	TRNT17	21	-	0.047
Pecharthal	83D4A7	41	-	0.024
West Tripura				
Badharghat DTW	TRWT25	35	-	0.026
Badharghat STW	TRWT26	5	-	1.496
Bodhjanagar Dtw	TRWT19	36	0.117	-
Bodhjanagar Stw	TRWT20	30	0.269	-
Ishanpur	TRWT31	26	0.028	-
Khumulwng	TRWT42	5	-	0.049
Nagicherra1	TRWT29	35	-	0.02
Nagicherra2	TRWT30	35	0.411	-
Narsingharh DTW	TRWT28	36	0.004	-
Simna	78P4B1	41	0.005	-
Subalsingh	TRWT32	25	0.204	-
Terapur	TRWT41	6	-	0.043

LONG TERM GROUND WATER LEVEL TREND OF POST-MONSOON
Period: November-2010 to November-2020

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Arunachal Pradesh				
Changlang				
Jairampur	92A4A1	39	0.047	-
Namchik	92A3A1	37	-	0.02
Namphai	92A3A2	36	0.063	-
Newlisan Kharsang	92A2A1	37	-	0.038
East Siang				
Oyen	ARES12	18	-	0.925
Pasighat New	ARES02A	34	0.148	-
Ruksin	ARES11	30	0.061	-
Satmile	ARES17	13	0.174	-
Sika Baman Todee	ARES14	27	0.171	-
Lohit				
Adi Ningroo 1 Ow	ARLO02	5	-	0.071
Lathow	83M2D1	39	-	0.123
Namsai Ow	ARLO01	5	0.988	-
Lower Subansiri				
Bomte	ARLSO3	21	0.075	-
Rajgarh	ARLSO2	22	0.251	-
Papumpare				
Banderedewa I	ARPP04	32	-	0.054
Chimpu	ARPP13	32	0.074	-
Doimukh	83E4D5	19	0.039	-
Itanagar I	ARPP10	32	0.095	-
Kimin	83E3D2	36	0.042	-
Naharlagun I	ARPP08	21	0.352	-
Nirjuli Vill IIA	ARPP06	32	0.143	-
Nirjuli Vill IIB	ARPP07	32	-	0.03
Sonajuli	83E4C1	32	0.083	-
Tirap				
Borduria	83M4B3	36	0.05	-
Deomali	83M4C1	36	0.099	-
Hukanjuri	83M4B4	36	-	0.092
Assam				
Baksa				
Jhargaon	ASBS01	27	-	0
Tamulpur	78N2C1	31	-	0.08
Barpeta				
Bhawanipur	78N3A1	26	0.001	-
Dhupguri(Galia)	ASBP13	19	-	0.057

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Nityanada OW	ASBP18	25	-	0.106
Patacharkuchi	ASBP16	16	-	0.101
Sarupeta	78N3A6	34	-	0.024
Sorbhog	78J3D4	36	-	0.004
Ujanborbori	78N2A2	21	-	0.042
Biswanath				
Behali	ASSP33	9	0.845	-
Bihupukhuri	83F2A7	38	0.092	-
Biswanath Chariali	83F2A6	28	-	0.552
Biswanath Ghat	83F2A8	39	0.23	-
Borgang	83F1B2	26	0.031	-
Buroighat	ASSP 25	30	0.04	-
Gohpur	83F1C2	27	0.022	-
Hawajan	83F1C4	27	0.132	-
Helem	ASSP24	31	0.005	-
Kheroni	ASSP35	10	0.24	-
Kolabari	ASSP23	26	0.042	-
Sootia	83F2A2	28	0.155	-
Bongaigaon				
Abhayapuri	78J3C2	37	-	0.126
Baitamari	78J3C1	45	-	0.027
Bongaigaon New	78J3C9	34	0.109	-
Chalantapara	78J3C4	37	0.305	-
Chapprakata	78J3C7	26	0.211	-
Chapprakata (Dankinamari)	ASBN10	28	-	0.046
Majgaon	ASBN11	27	-	0.021
Manikpur	78J3D1	46	-	0.062
Medhipara(Deo)	78J3C6	34	-	0.1
North salmara	78J3C8	38	-	0.149
Cachar				
Atalbasti	ASCR35	22	-	0.123
Badribasti	83D1D7	41	0.09	-
Borjalinga	83D2D1	40	0.086	-
Borkhola	83D1C8	39	0.03	-
Dargakuna	ASCR25	28	0.167	-
Digharkhal	83D1C3	33	0.019	-
Dwarbond	ASCR40	9	-	0.937
Fulertol	ASCR37	24	0.176	-
Kalain	83D1C14	41	0.053	-
Kathaltila	ASCR36	9	-	0.082
Katigora	ASCR27	26	0.137	-
Moinarbond	83D1D6	33	0.203	-
Nagdirgram	ASCR39	25	0.055	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Palanghat	83D2D10	29	0.182	-
Poilapul	83H1A9	35	0.097	-
Razabazar	83H1A7	38	0.483	-
Shivachal	ASCR28	25	0.064	-
Shivtila	83H1A4	37	0.031	-
Silcoorie	ASCR38	18	0.066	-
Tarapur	ASCR32	25	0.054	-
Chirang				
Bijni	78J3C5	32	-	0.078
Garubassa	78J2B5	5	-	0.024
Sidli	78J2B6	6	-	0.237
Darrang				
Bhakatpara Ow	ASDR33	21	0.087	-
Dalgaon	83B2A2	39	0.055	-
Gelabil (Thelamara)	83B2B6	31	0.043	-
Majgaon OW	ASDR34	18	0.03	-
Majgaon-II	ASDR30	23	-	0.215
Mangaldoi	83B3A1	38	-	0.058
Mangaldoi II	83B3A3	36	0.061	-
Dhemaji				
Bhagaban charali	83I2D2	37	0.051	-
Bijoypur	83M1A3	37	0.137	-
Bokabil Ow	ASDM24	28	0.067	-
Bordoloni	83I3B1	25	0.055	-
Chengali Pather Ow	ASDM23	22	0.018	-
Dhemaji 1	ASDM 23	28	0.157	-
Dipa	83I2D3	30	0.042	-
Ghilamara	ASDM11	16	-	0.087
Gogamukh Hss Ow	ASDM25	28	0.006	-
Jonai murkongselek	83M1A1	39	0.061	-
Moridhal	ASDM27	15	0.022	-
Santipur	ASDM28	15	-	0.02
Siripani	83I2C3	20	0.061	-
Sisibargaon	83I2C2	40	0.075	-
Telem	83M2A1	39	0.084	-
Dhubri				
Bagaribari	78J4A4	44	-	0.049
Bahalpur	78J3B4	35	0.053	-
Bilasipara	78J4A1	41	-	0.069
Chapar	78J3B2	45	-	0.08
Dakhin Tokesara	ASDH16	28	-	0.159
Dhubri Town	78F4D4	43	0.04	-
Matabag	ASDH19	17	0.507	-
Moterjhar	ASDH17	13	0.153	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Panbari	78J4A2	37	-	0.202
Shapamari Beat	ASDH13	31	0.052	-
Sonamukhi	ASDH14	23	-	0.033
Tamarhat	78F4D2	5	-	0.02
Dibrugarh				
AMC Campus	ASDB14	25	-	0.121
Azarguri gaon	83I3D4	39	-	0.008
Barbaruah	83I3D6	39	-	0.06
Chabua	83M3A2	37	0.077	-
Dikom	83M3A1	39	-	0.03
Domar Dolong Tw	ASDB12	27	-	0.017
Lepetkata	ASDB13	19	0.104	-
Melengial PWSS	ASDB15	15	-	0.375
East Karbi Anglong				
Adarakha Tiniali	ASKA44	24	0.13	-
Amlokhi	ASKA53	18	0.134	-
Balipathar	83F4D3	38	-	0.044
Bokajan I	ASKA41	30	-	0.304
Bokajan II	ASKA42	31	0.128	-
Bokoliaghat	ASKA34	26	0.112	-
Borkulia	83G1C3	34	-	0.125
Dengaon	ASKA08	9	0.621	-
Deopani	83F4D4	37	0.34	-
Dillai	83G1C4	51	0.039	-
Diphu	83G1B1	25	-	0.454
Diphu (lumding Road)	ASKA58	5	0.341	-
Diphu(matibung Road)	ASKA57	7	0.24	-
Dishobai	ASKA35	25	0.557	-
Dokmoka	ASEKA01	5	0.261	-
Ghouria Dhubi	ASKA43	21	0.091	-
Hapjan	83G1C1	13	0.326	-
Hidipi	83F4C1	33	0.257	-
Khatkhati	83G1D3	36	-	0.124
Khatkhati (matipul Nmgr)	ASKA50	13	0.387	-
Lahorijan	ASKA51	17	0.361	-
Lakhijan	ASKA52	19	0.114	-
Langhing	ASKA32	27	-	0.013
Manikpur	83F4A6	29	-	0.293
Manja Bus Stand	ASKA39	23	0.755	-
Mohendijua	ASKA38	28	0.112	-
Phonglangso	ASKA36	27	0.075	-
Phuloni	83F4A2	37	0.064	-
Saphapani	ASKA45	29	0.095	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Silanijan	83F3D1	36	0.019	-
Swarghati	ASKA31	24	-	0.001
Terangaon	ASKA37	24	-	0.076
Goalpara				
Agia2	ASGP21	29	0.012	-
Baida	78J4B3	35	0.108	-
Bhalukdubi (Goalpara)	ASGP15	30	0.144	-
Damra	78K1D8	38	-	0.058
Dhupdhara	78O1A2	20	-	0.117
Dudhnai	78K1D1	39	-	0.018
Dudhnoi II	ASGP17	28	0.011	-
Dwarka	ASGP19	28	0.094	-
Krishnai	78J4C1	23	-	0.101
Krishnai New	ASGP14	10	0.341	-
Salpara	ASGP16	30	0.025	-
Sarapara	ASGP23	30	0.001	-
Teuli	ASGP20	26	0.257	-
Golaghat				
Bokakhat I	ASGL12	29	-	0.07
Butalikua	ASGL16	13	1.029	-
Gaghbari Namghar	ASGL10	24	0.131	-
Garampani	ASGL15	29	0.384	-
Garigaon	ASGL17	13	0.587	-
Haldibari Buri Ai	ASGL13	30	0.212	-
Kohra kaziranga	83F2B1	26	-	0.04
Oating	83J3A1	41	0.256	-
Hailakandi				
Burakhai	ASHL08	27	0.084	-
Katlicherra N	ASHL02A	33	0.273	-
Lakhinagar	ASHL09	10	0.114	-
Lala	ASHL10	10	0.04	-
Monacherra	83D2C3	25	0.035	-
Panchgram New	ASHL05A	37	0.104	-
Syedband Part II	ASHL01A	34	0.093	-
Hojai				
Lanka	83C1D1	33	0.28	-
Lumding	83G1A1	29	-	0.246
Tirchang	ASNG47	8	0.286	-
Zebra Khua	ASNG33	12	0.423	-
Jorhat				
Bijay Nagar	ASJR33	15	0.045	-
Cinemora	ASJR18	30	0.2	-
Dabarapara charali	83J2B3	39	0.078	-
Gatisunga	ASJR37	8	-	0.047

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Kamarbandha	ASJR34	18	0.3	-
Kokilamukh	83J1A3	34	0.002	-
Kunwari Pukhuri	ASJR35	18	-	0.011
Lichubari	ASJR21	28	0.319	-
Meleng Kaparadharia	ASJR28	29	0.11	-
Sodial Kacharigaon	ASJR22	30	0.193	-
Titabor	83J2A7	37	0.087	-
Kamrup				
Abhaipur	ASKM44	25	0.172	-
Agyathuri	78N4C2	38	0.269	-
Alikash Adarsh	78N4C16	31	-	0.009
Bamunigaon I	78N4B3	31	-	0.088
Boko I	ASKM39	17	-	0.13
Chhaygaon	ASKM41	29	0.127	-
Darkuchi	78N2C4	32	-	0.079
Dhobartari	ASKM45	23	-	0.071
Dora Kahara	ASKM47	23	-	0.24
Hajo	78N4C5	40	0.093	-
Kahara	78N3C2	22	0.03	-
Mirza	ASKM42	32	0.234	-
Rajapara	78O1A3	41	0.02	-
Rangia	78N3C1	25	-	0.187
Rangia New	ASKM57	6	0.734	-
Rani	ASKM32	11	0.415	-
Sualkuchi	78N4C11	37	0.024	-
Tarani	ASKM48	17	0.016	-
Kamrup Metro				
Amingaon	ASKM46	23	0.096	-
Azara	78N4C1	19	-	0.088
Bamfor	ASKM50	26	-	0.011
Boragaon	78N4C7	30	0.097	-
Chandrapur	78N4D9	13	0.05	-
Dirgheswari	78N4C12	28	-	0.086
Kahilipara	78N4D7	17	-	0.008
Khanapara	78N4D3	18	-	0.113
Khetri II	ASKM51	28	-	0.024
Maligaon	78N4C6	17	0.42	-
Paltan bazar	78N4C14	15	0.19	-
Panikhaiti	78N4D4	5	-	0.014
Rani I	78N4C9	28	-	0.047
Rani 2	ASKM43	31	0.052	-
Samanta Pathar	ASKM36A	21	0.299	-
Sonapur	83B4A2	39	0.01	-
Sonapur II	ASKM52	28	0.218	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Topatoli	83B4A4	38	-	0.102
Topatoli New	ASKM35A	22	0.088	-
Zoo narangi rd	78N4D2	17	-	1.117
Karimganj				
Badarpur	83D1C1	41	0.283	-
Dhaulia	83D2B6	37	0.064	-
Hatikira	83D3B1	37	0.056	-
Kalinagar	ASKG12	9	-	0.19
Karmganj	ASKG15	25	0.035	-
Kayasthagram	ASKG16	24	0.095	-
Patharkandi	ASKG17	26	0.265	-
Rk Nagar I	83D2B4	40	0.333	-
Sarkaribari	83D2B7	39	0.043	-
Kokrajhar				
Balajan	ASDH15	23	-	0.038
Kokrajhar	78J3B1	7	-	0.09
Rupshi	78F4D3	42	-	0.172
Lakhimpur				
Amguri	ASLK23	29	0.035	-
Basudeothan	83I3B8	9	-	0.015
Bhogpur charali	83E4D1	40	-	0.009
Bihpuria	83E4D4	28	0.102	-
Boginadi(balijan)	83I3A1	20	0.173	-
Borbil Tariyani	ASLK29	15	-	0.005
Dejoo	ASLK24	30	0.032	-
Dolanghat chara	83I4A3	38	0.14	-
Harmoti	83E4D6	40	-	0.047
Islampur	83E4D3	37	0.044	-
Kadam	83I3A3	37	0.038	-
Koilamari 6 No Line	ASLK31	14	-	0.076
Laluk	83E4D2	36	-	0.035
Madhupur	ASLK22	22	0.087	-
Milanpur	ASLK26	29	0.067	-
Moridirgha	ASLK30	16	0.048	-
N.lakhipur(old)	83I4A1	33	-	0.002
Narayanpur	83F1D4	39	0.01	-
Panigaon	83I4A2	33	0.075	-
Pathalipam	83I3B6	38	0.028	-
Pathalipam II	ASLK25	24	0.084	-
Morigaon				
Baghara	83B4B2	38	-	0.023
Baropujia	ASMR14	27	0.066	-
Barukati	ASMR27	15	0.072	-
Basanaghat Ow	ASMR19	21	0.108	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Charibahi Ow	ASMR22	12	0.211	-
Daponibari N	ASMR30	6	1.156	-
Deosal	ASMR12	24	0.119	-
Garmari gaon	83B3A4	31	-	0.084
Jagiroad	83B4A1	40	-	0.022
Kumoi	ASMR15	28	-	0.046
Miarabari	83B3B3	9	0.274	-
Moirabari New	ASMR25	10	0.557	-
Nasatra	83B4A5	24	-	0.093
Nelle New	ASMR11	26	0.105	-
Pamibahua	ASMR16	27	0.135	-
Solmari Ow	ASMR21	22	0.04	-
Nagaon				
Amsoi	83B4B5	35	-	0.017
Bagori	83F2A4	17	0.752	-
Balijan/balijuri Ow	ASNG42	21	-	0.109
Bamuni	ASNG50	5	0.159	-
Bamuni tinali	83B3D9	28	0.057	-
Beldonga mandir	83B4D8	37	0.012	-
Bichamari	83B3B1	34	-	0.061
Bordowa	83B3C2	38	-	0.07
Dakhinpath OW	ASNG44	25	0.036	-
Dalapani	ASNG39	28	-	0.12
Dhing	83B3B6	40	-	0.013
Doboka	83B4D1	36	-	0.171
Ghasibasti Ow	ASNG46	22	0.106	-
Gomotha	ASNG34	27	0.151	-
Haldiati sub bt	83B4D6	37	-	0.014
Hateniibatha	ASNG35	28	-	0.053
Jurapukhuri	83C1D7	37	0.02	-
Kathiatoli	83B4C4	44	-	0.067
Kazirang Tourist Vil	ASNG27	18	-	0.218
Kondali	83B3D5	26	0.058	-
Langteng TE	83F3A2	18	-	0.177
Nadeorigaon	83B4D2	22	-	0.093
Naltali	ASNG37	29	0.061	-
Pahukata	ASNG36	25	0.123	-
Phulaguri	ASNG48	15	0.339	-
Phulaguri R6	83F2A5	30	0.172	-
Rangamati Ow	ASNG45	18	-	0.078
Silghat	83B2D6	40	-	0.14
Sulung p.o.	83B3D8	43	0.014	-
Telia bebejia	83B3C7	29	-	0.055
Nalbari				

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Daulasal	ASBP14	29	-	0.061
Daulasal OW	ASBP15	24	0.024	-
Tihu	78N3B3	37	-	0.032
Sibsagar				
Athkhel Grant	ASSA05	7	2.333	-
Bandarmari	83I4C14	37	0.142	-
Betbari alimore	83I4C8	23	0.13	-
Borkulanagar	ASSA07	10	-	0.25
Demow Sukan	83I4C11	39	0.063	-
Dhapaboria	83I4C5	17	0.185	-
Garbhaga Pwss	ASSA06	12	0.091	-
Geleki	83J1C9	14	-	0.254
Hanumanbagh	83J1C7	16	-	0.037
Madhurigohain Gaon	ASSA03	8	0.771	-
Moranhat	83I4D1	23	-	0.039
Santak	ASSA04	12	-	0.095
Sapekhati	83M4A1	44	-	0.073
Sibsagar	83J1C2	33	0.089	-
Sonarigaon	ASSA02	8	0.246	-
Sonitpur				
18th Mile	ASSP29	30	-	0.02
Balipara	83B1D4	39	0.02	-
Barchola	83B2B5	35	0.058	-
Charduar	83B1D1	39	-	0.007
Dhalaibil	83B1D3	32	0.08	-
Dhekiajuli	83B2B2	39	0.007	-
Garumari	83B1D2	39	0.225	-
Jamuguri North	83B2D3	38	0.004	-
Na Pam	ASSP31	24	-	0.022
Tezpur	83B2D2	40	-	0.014
Thelamara	ASSP30	31	0.062	-
Tolakbari OW	ASSP34	29	-	0.012
Tupia	ASSP28	30	0.123	-
Tinsukia				
Borgolai	83M3C2	37	-	0.035
Bortorani	83M2B4	24	0.036	-
Digboi	83M3C1	40	0.109	-
Jagun	83M3D4	40	0.003	-
Jaipur naharjan	83M4B5	36	0.119	-
Kumsang Selenguri	ASTS22	26	0.229	-
Lekhapani	83M3D1	40	0.019	-
Panitola	83M3B4	40	0.164	-
Tinsukia	83M3B2	40	0.009	-
Tipong	ASTS20	28	-	0.114

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Tirap gate	83M3D2	40	-	0.067
Udalguri				
Bengbari	78N2D10	35	-	0.077
Bhalukmari	83B2A7	39	0.062	-
Goroibari	ASDR31	27	0.027	-
Hatitopagaon	83B1B1	17	-	0.054
Kalaigaon	78N2D3	39	0.025	-
Madhupur	83B2A6	32	0.073	-
Orang	83B2B1	35	0.053	-
Paneri	78N2D9	38	-	0.159
Rowta chariali	83B2A3	40	0.009	-
Tangla/tokken Katta	78N2D2	31	0.41	-
Udalguri	83B2A4	38	-	0.016
Thekerabari .1	83B2A1	38	0.004	-
West Karbi Anglong				
Boithalangu	83C1C2	21	-	0.043
Donkamokam	83C1C1	27	0.058	-
Kalanga	83C1D2	30	-	0.068
Kheronighat	83C1D3	33	-	0.088
Meghalaya				
East Garo Hills				
Baiza Rongreng	MLEG15	24	-	0.034
Darugiri	78K2D2	37	-	0.025
Depa sarangma	78K1D4	19	0.159	-
Dobu	MLEG13	24	-	0.063
Narringirri	MLEG14	26	-	0.051
Rongjeng	78K2D1	37	-	0.301
Rongmil	78K2D3	37	-	0.127
Samanda Megapagre	MLEG16	24	0.043	-
Songsak	MLEG17	26	0.033	-
Williamnagar	78K2C2	34	-	0.018
East Jaintiya Hills				
Powergrid Khliehriat	MLEJ01	6	-	0.025
East Khasi Hills				
Cherrapunji	78O3C1	32	0.014	-
Dangar	MLEK14	14	0.26	-
Ichamati	MLEK15	5	-	0.053
Lachuamiere	MLEK09	26	0.018	-
Lapalang Ow	MLEKHOW5	8	0.313	-
Mawpat	MLEK11	21	-	0.428
Nit Cherrapunji	MLEKHOW6	9	0.104	-
Nongmysong	MLEK12	25	0.042	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Shillong Golf Link	MLEK07	25	0.098	-
Water Resources Dept	MLEKOW1	12	0.05	-
North Garo Hills				
Bajengdoba	78K1C2	31	-	0.062
Dainadubi	MLEG11	28	0.123	-
Kharkutta	78K1D7	37	0.011	-
Mendal	78K1B1	36	-	0.09
Mendipathar	78K1C1	34	-	0.076
Ri Bhoi				
Byrnihat	MLRB02A	34	0.059	-
Lumkeni	MLRBOW7	16	0.337	-
Nayabunglow	MLRB04	18	0.383	-
Nongladew	MLRBOW02	16	-	0.011
Nongpoh	78O1D1	33	-	0.011
Pahanmawlier	MLRB06	22	-	0.064
Patharkhamma Barigaon	MLRB9	14	0.178	-
Purduwa	MLRBOW4	16	-	0.017
Rpbf Kyrdemkulai	MLRBOW9	9	2.513	-
Sohpdok	MLRBOW5	16	0.236	-
Tamanpahlong	MLRB	14	0.045	-
Tdohumshaiw	MLRBOW6	16	0.279	-
Umroi Maidan	MLRB8	15	-	0.01
South West Garo Hills				
Ampati	78G3D1	27	0.2	-
Betasing II	ASWG25	16	0.38	-
Garobandha	78K2A1	27	0.133	-
Mahendraganj	78G3D2	22	-	0.032
Zikzak	78G3D5	21	-	0.056
West Garo Hills				
Asanang	78K2B1	33	-	0.09
Baljek	ASWG17	25	0.036	-
Belguri	ASWG21	24	-	0.109
Dalu	MLWG25	15	0.074	-
Damjongre	MLWG21	14	-	0.156
Nidanpur II	ASWG19	11	-	0.067
Phulbari	78K1A1	36	0.009	-
Phutamati	ASWG20	27	0.036	-
Purkhasia	78K3A1	28	0.011	-
Rajabala	ASWG26	19	0.007	-
Rongram	ASWG18	27	-	0.001
Salsella	MLWG22	16	0.213	-

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Snalgre	MLWG23	15	-	0.062
Tikrikilla	78K1A2	35	0.612	-
West Jaintiya Hills				
Dauki	83C4A1	37	0.157	-
Diet Thadlaskien	MLWJ01	5	1.638	-
Jowai	83C3A1	36	0.036	-
West Khasi Hills				
Mairang	78O2C1	28	0.015	-
Nagaland				
Dimapur				
3 Mile Bazar	NLDM19	17	1.003	-
7th Mile Colony	NLDM21	23	0.467	-
Bade Bazar	NLDM25	17	0.594	-
Chumkidima	83G1D1	31	0.051	-
Dhansiripar	83G1C5	27	0.053	-
Diphupar	NLDM22	23	0.063	-
Doyabur DMC	NLDM12	21	0.511	-
Maibiram	NLDM13	20	0.76	-
Marwari Colony	83G1C9	25	-	0.047
Purana Bazar	83G1C10	26	-	0.039
Rilayan Colony	NLDM24	18	2.428	-
Seirujha Colony	83G9GM11	30	1.499	-
Singrijan	83G1C6	33	0.094	-
Thilaxu Block-II	NLDM16	22	0.063	-
Wildlife Office Dimapur	83G1C2	24	0.838	-
Zakesatho Colony	NLDM23	22	0.552	-
Zion Hospital	NLDM18	8	0.11	-
Kohima				
Cathedral Complex	83K2A1	25	0.091	-
NLSA Complex	83K2A2	25	0.076	-
Sepfuzou Colony	83K2A3	25	0.614	-
Mokokchang				
Lampi	83J3B1	25	0.033	-
Mon				
Mon Town	83N2GM14	20	0.609	-
Namsa	83J1D1	24	0.205	-
Peren				
Jalukie	83G2C1	25	0.49	-
Phek				
Phek Town	83K6GM13	20	0.276	-
Tuensang				
Tuensang	83J16GM12	19	-	0.51
Wokha				

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
New Market	83J4B2	23	-	0.011
Tourist Lodge	83J4B1	24	0.315	-
Wokha Town	83N2GM15	10	-	0.501
Tripura				
Dhalai				
Abhanga N	TRDL04	36	0.079	-
Ambassa N	TRDL06	25	-	0.969
Chawmanu	TRDL13	6	0.061	-
Darlang Basti	TRDL02	23	-	0.081
Durga Cherra	TRDL09	6	0.6	-
Durga Chowmuhani	TRDL01	23	0.093	-
J.m. Complex Chailengta	TRDL12	6	0.513	-
Kamalpur	78P4D1	38	0.048	-
Kulai	TRDL 08	9	-	0.078
Lalchhari	TRDL03	6	0.271	-
Manu N	TRDL05	34	0.067	-
Nunacherra	TRDL11	6	0.148	-
Sindhu Kumar	TRDL07	18	-	0.069
Gomati				
Amarpur	TRST05	27	-	0.148
Bampur	TRST 06	29	0.039	-
Dewanbari	TRGM04	9	-	0.622
Dhawaj nagar Udaipur	79M2B8	38	0.069	-
Garjee Bazar	79M3B4	38	0.125	-
Jatanbari	TRGM01	18	-	0.083
Joingkami	TRGM03	8	-	0.083
Kankraban	TRST12	29	-	0.144
Noabari-2	TRGM02	9	0.192	-
Khowai				
45miles	TRKH01	17	-	0.317
Chakmaghat Ew	TRWT02	11	-	0.043
Chakmaghat Ow	TRWT03	11	-	0.164
Kalyanpur	79M1C2	41	0.045	-
Khowai	78P4C5	41	0	-
Paschim Howaibari	TRWT34	29	0.103	-
Totabari Ew	TRKH02	10	-	0.031
Tuimadhu	TRWT37	29	0.094	-
North Tripura				
Ananda Bazar	TRNT29	7	-	0.39
Bagbasa N	TRNT10	35	0.011	-
Churaibari	TRNT23	18	0.107	-
Dataram	TRNT30	6	0.821	-
Deocherra	TRNT25	18	-	0.081

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Dharmanagar	83D3B2	40	0.067	-
Kanchanpur	84A1A1	29	0.112	-
Kanchanpur Court Ow	TRNT01	10	-	0.441
Khedacherra	TRNT28	6	0.265	-
Krishnapur	TRNT19	17	0.189	-
Kunjanagar	TRNT21	17	-	0.022
Lalchhara	TRNT22	17	-	0.012
Laljuri	TRNT15	25	-	0.004
Naba Joypara (natun	TRNT20	18	0.24	-
Narendra Nagar	TRNT26	7	0.428	-
Panisagar	83D4A1	39	0.001	-
Rajnagar	TRNT13	24	0.073	-
Sabual	TRNT31	6	0.108	-
Sanicherra	TRNT24	18	0.627	-
Satnala	TRNT16	23	0.008	-
Sipahijala				
Dakshin Kalamcherra	TRWT04A	39	0.013	-
Golaghati	TRSJ01	19	0.049	-
Gongrai	TRWT36	30	0.071	-
Kathalia bazar	79M3B5	40	-	0.001
Kenania	79M2A2	32	0.118	-
Lalmaibari	TRSJ03	10	0.328	-
Shivnagar	TRSJ02	10	0.043	-
Sonamura 1	79M3B6	24	0.243	-
Tufaniamura	TRWT35	28	0.096	-
South Tripura				
Aqli Ghat	TRST35	12	-	0.912
Anandabandu Para	TRST42	12	-	0.486
Baishanbpur	TRST30	12	-	1.127
Bankul Mahamani	TRST	6	-	0.039
Bijaynagar	TRST32	11	-	0.16
Chatakchari	TRST40	5	0.312	-
Gardhang	TRST11	23	-	0.004
Ghorakhappa	TRST41	11	-	0.176
Jhajhari	TRST08	13	-	0.1
Kalachhara	TRST10	21	0.357	-
Kalirbazar	TRST29	12	0.163	-
Kashari	TRST24	5	2.264	-
Magroom	TRST31	12	-	0.064
Manu Bazar	TRST 9	28	-	0.019
Manurmukh	TRST03A	37	0.065	-
Motu Mogpara	TRST33	7	-	0.023
Poangbari	TRST37	12	-	1.062
Purba Takka	TRST38	12	-	0.564

District/Station	Well No	No of Data	Rise (meter/yr.)	Fall (meter/yr.)
Radhanagar	TRST15	25	0.044	-
Rajib Nagar Ew	TRST28	10	0.23	-
Rajnagar	TRST14	26	0.082	-
Rangamura	TRST25	9	0.493	-
Sabroom	79M4C1	39	0.046	-
Shashi-chndrapur	TRST34	6	-	0.462
Srinagar	TRST36	12	0.137	-
Tuichama Ew	TRST26	9	0.059	-
Tuichama OW	TRST27	9	0.119	-
Unakoti				
Chandramanikami	TRNT18	23	0.129	-
Dumdum	TRUK02	8	0.072	-
Gauranagar N	TRNT11	39	0.107	-
Jarutali	TRNT27	17	0.563	-
Kanchanbari	TRUK01	6	0.107	-
Kanchanchhera	TRNT12	28	0.057	-
Karaicherra	TRNT14	25	-	0.401
Kumarghat	83D4A6	39	0.081	-
Panchamnagar	TRNT17	22	-	0.011
Pecharthal	83D4A7	40	-	0.048
West Tripura				
Badharghat DTW	TRWT25	35	0.025	-
Bodhjanagar Dtw	TRWT19	37	0.081	-
Bodhjanagar Stw	TRWT20	30	0.32	-
Ishanpur	TRWT31	28	0.059	-
Khumulwng	TRWT42	7	0.526	-
Nagicherra1	TRWT29	35	-	0.078
Nagicherra2	TRWT30	35	0.564	-
Narsingharh DTW	TRWT28	36	0.002	-
Simna	78P4B1	41	0.014	-
Subalsingh	TRWT32	25	0.204	-

ANNEXURE - XX
Chemical Quality of Water Samples Collected from GWMS of NER during March 2020
(Basic constituents & Fe)

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S/cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						← mg/L →													
ARUNACHAL PRADESH																			
Changlang	Jairampur	DW	7.43	282.90	BDL	147.20	BDL	140.41	140.41	42.54	52.65	2.72	0.17	24.02	18.19	135.00	26.30	14.29	0.05
Changlang	Namchik	DW	7.15	136.10	0.20	70.22	BDL	91.57	91.57	38.99	35.76	0.09	0.16	12.01	12.13	80.00	25.32	15.39	BDL
Changlang	Namphai	DW	7.21	125.10	BDL	64.85	BDL	115.99	115.99	31.91	12.97	0.09	0.09	12.01	13.34	85.00	13.30	20.80	BDL
Changlang	New Lisan Kharsang	DW	6.81	76.92	BDL	39.78	BDL	54.94	54.94	24.82	7.52	0.14	0.07	10.01	7.28	55.00	10.46	2.25	0.01
East Siang	Pasighat New	DW	7.79	96.24	BDL	481.40	BDL	48.84	48.84	21.27	7.85	1.05	0.05	10.01	3.64	40.00	14.32	3.67	0.02
East Siang	Ruksin	DW	8.04	136.10	BDL	67.88	BDL	79.36	79.36	24.82	10.53	0.58	0.12	12.01	8.49	65.00	17.91	3.00	0.02
East Siang	Sika Baman Todee	DW	7.96	507.70	BDL	252.30	BDL	128.20	128.20	116.99	77.24	9.90	0.17	34.03	15.76	150.00	57.92	32.92	3.93
Lakhimpur	Bomte	DW	6.52	34.15	0.30	17.79	BDL	36.63	36.63	14.18	8.59	0.08	0.06	6.00	4.85	35.00	11.91	1.62	BDL
Lakhimpur	Rajgarh	DW	7.38	404.60	BDL	210.60	BDL	140.41	140.41	74.45	67.14	10.69	0.10	22.02	27.90	170.00	38.67	15.38	BDL
Lohit	Lathow	DW	6.99	57.52	0.10	29.84	BDL	61.05	61.05	21.27	10.24	0.08	0.04	12.01	4.85	50.00	15.07	1.50	0.04
Lohit	Medo	DW	7.58	228.20	BDL	118.20	BDL	158.73	158.73	31.91	16.47	0.08	0.22	42.03	7.26	135.00	20.15	4.77	BDL
Lower Dibang Valley	Kangkong	DW	7.34	167.40	BDL	86.63	BDL	67.15	67.15	35.45	39.21	2.73	0.14	32.03	2.41	90.00	25.78	9.38	0.09
Lower Subansiri	Naharlagun I	DW	7.80	375.20	BDL	193.90	BDL	189.25	189.25	49.63	40.65	BDL	0.27	10.01	27.91	140.00	35.50	20.78	0.20
Lower Subansiri	Sonajuli	DW	7.07	131.00	BDL	67.39	BDL	91.57	91.57	31.91	26.55	0.78	0.25	8.01	12.13	70.00	21.00	10.92	3.37
Papumpare	Doimukh	DW	7.20	205.10	BDL	105.90	BDL	97.68	97.68	49.63	25.73	0.08	0.20	10.01	13.34	80.00	35.23	3.14	0.61
Papumpare	Nirjuli Vill III A	DW	7.28	344.90	BDL	178.80	BDL	140.41	140.41	67.35	12.78	6.80	0.26	16.01	26.69	150.00	23.09	8.48	0.29
Papumpare	Nirjuli Vill III B	DW	7.00	166.40	BDL	86.49	BDL	97.68	97.68	42.54	4.47	0.08	0.18	20.02	7.27	80.00	15.86	2.71	12.98
Tirap	Borduria	DW	6.63	41.30	0.10	21.55	BDL	30.52	30.52	39.00	8.99	0.08	BDL	6.00	8.49	50.00	19.58	3.34	0.09

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Tirap	Deomali	DW	7.11	172.00	BDL	89.67	BDL	54.94	54.94	49.63	38.83	1.97	0.08	14.01	8.49	70.00	27.91	14.48	0.10
Tirap	Hukanjuri	DW	6.84	99.65	0.10	52.04	BDL	36.63	36.63	39.00	17.07	0.08	BDL	6.00	9.71	55.00	15.76	5.12	0.09

ASSAM

Barpeta	Sarupeta	DW	9.08	1107.00	BDL	540.80	24.00	488.39	512.39	74.45	93.53	6.77	0.34	134.87	32.73	300.00	33.16	87.46	0.10
Barpeta	Sorbhog	DW	8.87	508.90	0.10	248.90	15.00	207.57	222.57	28.36	100.27	1.44	0.35	44.89	10.90	180.00	59.85	16.88	0.27
Biswanath	Behali	DW	8.09	191.40	0.10	97.55	BDL	231.99	231.99	17.73	10.51	2.98	0.14	18.01	10.91	90.00	44.27	16.61	0.13
Biswanath	Bihupukhuri	DW	8.13	137.30	BDL	70.39	BDL	158.73	158.73	21.27	6.94	BDL	0.08	12.01	4.85	50.00	42.52	8.20	BDL
Biswanath	Biswanath Ghat	DW	8.09	252.50	BDL	128.10	BDL	122.10	122.10	46.09	19.12	BDL	0.22	12.01	20.63	115.00	19.82	9.44	BDL
Biswanath	Helem	DW	7.94	149.00	0.10	74.94	BDL	109.89	109.89	7.09	9.95	2.51	0.16	22.02	4.84	75.00	13.25	1.58	0.26
Biswanath	Kheroni	DW	7.62	522.30	0.20	267.30	BDL	91.57	91.57	113.44	65.69	1.63	0.20	20.02	26.69	160.00	38.11	26.68	0.06
Bongaigaon	Baitmari	DW	8.59	285.50	0.20	140.90	6.00	115.99	121.99	28.36	38.25	0.92	0.29	19.94	4.84	90.00	41.99	6.43	0.11
Bongaigaon	Bongaigaon New	DW	8.67	335.90	BDL	165.80	24.00	158.73	182.73	28.36	135.17	0.00	0.26	209.92	50.95	310.00	9.99	3.99	0.23
Bongaigaon	Manikpur	DW	7.86	473.40	0.30	234.00	BDL	238.09	238.09	17.73	84.36	BDL	0.43	94.87	23.03	260.00	1.90	2.85	0.28
Bongaigaon	Medhipara Deo	DW	7.95	221.60	BDL	107.00	BDL	115.99	115.99	10.64	29.09	6.40	0.28	39.96	9.70	90.00	6.72	2.51	2.25
Bongaigaon	North Salmara	DW	8.04	385.80	BDL	192.50	BDL	122.10	122.10	67.36	20.52	BDL	0.27	29.97	7.27	70.00	34.11	16.92	2.43
Cachar	Atalbasti/Ghungoor	DW	6.91	133.90	BDL	69.39	BDL	24.42	24.42	24.82	29.66	0.07	0.04	6.00	4.85	35.00	20.38	7.78	0.98
Cachar	Badribasti	DW	4.95	251.80	BDL	129.10	BDL	12.21	12.21	63.81	12.32	2.61	BDL	6.00	12.13	65.00	18.80	11.29	0.42
Cachar	Borjalinga	DW	7.28	82.83	0.20	42.35	BDL	54.94	54.94	10.64	7.38	BDL	0.11	10.01	7.28	55.00	2.20	7.71	0.60
Cachar	Borkhola	DW	7.26	166.20	BDL	85.38	BDL	48.84	48.84	21.27	21.25	BDL	0.06	12.01	7.28	60.00	10.85	4.08	5.45
Cachar	Chaltabasti/Kalthaitila	DW	6.41	55.73	BDL	29.05	BDL	24.42	24.42	14.18	16.15	2.16	0.11	6.00	6.07	40.00	7.23	2.14	0.56
Cachar	Dargakona	DW	7.47	284.10	BDL	145.70	BDL	61.05	61.05	35.45	62.22	BDL	0.16	20.02	12.13	100.00	18.62	13.04	1.23
Cachar	Digharkhal	DW	7.74	336.20	BDL	173.10	BDL	85.47	85.47	49.63	27.36	0.85	0.13	18.01	13.34	100.00	28.03	7.10	2.25
Cachar	Dwarbond	DW	7.74	571.90	0.50	295.80	BDL	97.68	97.68	102.81	41.11	6.55	0.22	34.03	20.61	170.00	51.74	14.45	0.70

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Cachar	Fulertol	DW	7.44	208.20	BDL	107.20	BDL	67.15	67.15	28.36	32.68	BDL	0.08	14.01	4.85	55.00	27.32	5.02	0.63
Cachar	Kalain	DW	7.65	470.30	0.20	243.90	BDL	134.31	134.31	70.90	7.98	1.16	0.29	16.01	26.69	150.00	30.67	18.58	0.95
Cachar	Katigora	DW	7.11	134.60	BDL	69.50	BDL	36.63	36.63	24.82	9.27	2.15	0.08	12.01	7.28	60.00	7.69	3.27	0.84
Cachar	Moinarbond	DW	7.90	313.10	0.10	161.40	BDL	189.25	189.25	17.73	23.55	4.15	0.38	18.01	21.84	135.00	24.54	2.96	6.12
Cachar	Nagdirgram	DW	7.84	289.40	BDL	148.80	BDL	115.99	115.99	31.91	11.26	6.28	0.23	20.02	18.19	125.00	18.96	3.70	0.63
Cachar	Palanghat	DW	7.85	391.80	BDL	201.70	BDL	189.25	189.25	31.91	9.31	2.03	0.28	18.01	29.12	165.00	26.07	3.04	3.94
Cachar	Poilapul	DW	7.65	222.80	BDL	114.20	BDL	61.05	61.05	35.45	6.35	9.22	0.11	20.02	8.49	85.00	12.94	5.07	2.74
Cachar	Razabazar	DW	7.49	185.10	0.40	95.11	BDL	79.36	79.36	17.73	15.22	10.26	0.17	12.01	9.70	70.00	21.06	5.96	1.23
Cachar	Shivachal	DW		447.00	BDL	231.10	BDL	280.82	280.82	10.64	16.29	7.13	0.33	24.02	36.40	210.00	11.66	10.84	0.84
Cachar	Shivtila	DW	6.81	144.40	BDL	74.36	BDL	30.52	30.52	28.36	20.30	1.58	0.12	6.00	9.71	55.00	7.10	3.11	11.62
Cachar	Tarapur	DW	4.92	264.70	BDL	136.60	BDL	18.31	18.31	53.18	80.30	13.13	BDL	8.01	8.49	55.00	39.63	19.89	0.49
Chirang	Bijni	DW	7.69	223.90	BDL	111.40	BDL	109.89	109.89	14.18	49.85	BDL	0.26	29.96	7.27	85.00	19.39	2.75	1.02
Darrang	Mangaldoi	DW	8.59	888.50	BDL	461.30	24.00	463.97	487.97	155.98	0.22	0.22	0.39	10.01	71.60	320.00	89.53	53.62	2.30
Dhemaji	Bijoypur	DW	8.07	102.00	BDL	51.49	BDL	61.05	61.05	14.18	32.80	0.58	0.08	12.01	12.13	80.00	6.84	2.13	0.07
Dhemaji	Dhemaji	DW	7.48	50.03	BDL	24.88	BDL	30.52	30.52	10.64	2.76	2.10	0.05	6.00	2.42	25.00	8.26	4.77	BDL
Dhemaji	Dipa	DW	8.15	345.30	0.10	178.40	BDL	146.52	146.52	42.54	49.34	0.18	0.26	16.01	15.77	105.00	35.23	22.84	0.20
Dhemaji	Jonai Murkongselek	DW	8.15	316.90	BDL	158.60	BDL	79.36	79.36	88.63	37.39	4.33	0.07	18.01	13.34	100.00	33.88	29.01	0.91
Dhemaji	Telem	DW	8.11	119.90	0.30	60.43	BDL	73.26	73.26	14.18	23.17	0.05	0.14	12.01	7.28	60.00	15.95	5.38	0.09
Dhubri	Bilasipara	DW	8.17	377.20	0.10	188.30	BDL	115.99	115.99	56.72	69.80	BDL	0.26	54.96	13.34	105.00	26.63	7.53	2.46
Dhubri	Chapar	DW	7.67	213.00	BDL	105.00	BDL	79.36	79.36	21.27	59.24	0.13	0.18	24.96	6.06	70.00	20.22	8.62	0.19
Dhubri	Dakin Tokesara Part IV	DW	8.52	379.10	0.40	188.40	6.00	128.20	134.20	46.09	102.06	9.94	0.29	89.95	21.83	155.00	2.35	1.86	2.17
Dhubri	Dhubri Town	DW	8.90	816.60	BDL	411.40	33.00	360.19	393.19	88.63	34.36	3.79	0.76	64.80	15.73	315.00	88.83	35.80	1.02
Dhubri	Shapamari Beat	DW	7.98	121.20	BDL	54.85	BDL	36.63	36.63	10.64	8.09	BDL	0.18	9.99	2.42	25.00	7.76	2.47	0.10
Dibrugarh	Azargurigaon	DW	7.31	442.00	BDL	241.20	BDL	12.21	12.21	56.72	89.01	0.09	0.39	30.02	25.47	180.00	5.84	7.43	0.09

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Dibrugarh	Barbaruah	DW	7.34	447.37	BDL	233.70	BDL	238.09	238.09	74.45	75.80	0.08	0.24	38.03	27.89	210.00	49.99	19.79	0.12
Dibrugarh	Chabua	DW	7.57	321.20	0.40	166.30	15.00	213.67	228.67	35.45	42.49	0.08	0.24	30.02	18.19	150.00	45.85	19.52	BDL
Dibrugarh	Dikom	DW	7.21	245.30	0.30	129.10	BDL	146.52	146.52	42.54	5.95	0.08	0.34	34.03	12.12	135.00	17.76	2.70	1.58
Dibrugarh	Lepetkata	DW	7.10	195.30	BDL	102.70	BDL	91.57	91.57	31.91	58.61	0.09	0.20	22.02	12.13	105.00	19.09	15.25	0.08
Goalpara	Demra	DW	7.47	144.30	BDL	73.83	BDL	48.84	48.84	17.73	25.80	14.67	0.20	24.97	6.06	60.00	8.53	3.81	0.09
Goalpara	Dudhnoi	DW	7.45	327.30	BDL	173.90	BDL	91.57	91.57	99.26	37.14	BDL	0.12	49.98	12.13	80.00	32.58	15.02	0.20
Goalpara	Rongjuli	DW	7.37	188.90	BDL	99.36	BDL	85.47	85.47	17.73	16.82	18.70	0.55	34.97	8.49	70.00	7.38	2.45	0.07
Golaghat	Bokakhat	DW	8.20	177.60	BDL	98.42	BDL	128.20	128.20	21.27	24.22	BDL	0.17	16.01	7.27	70.00	29.49	6.52	1.85
Golaghat	Garampani	DW	7.88	277.90	BDL	146.30	BDL	42.73	42.73	60.27	85.21	3.18	0.15	16.01	9.70	80.00	47.22	7.66	0.10
Golaghat	Haldibari Buri Ai	DW	7.45	515.80	BDL	283.20	BDL	262.51	262.51	56.72	74.71	BDL	1.00	10.01	29.12	145.00	39.22	86.04	0.17
Golaghat	Oating	DW	7.90	79.22	0.30	41.68	BDL	42.73	42.73	24.82	3.87	BDL	0.13	6.00	6.07	40.00	12.56	2.41	0.03
Hailakandi	Burakhai	DW	7.51	196.60	BDL	100.70	BDL	79.36	79.36	24.82	30.33	6.15	0.21	22.02	4.84	75.00	18.25	6.71	4.54
Hailakandi	Katlicherra New	DW	7.94	591.80	BDL	304.60	BDL	262.51	262.51	63.81	35.19	2.31	0.32	46.04	24.25	215.00	64.24	6.05	0.38
Hailakandi	Lakhinagar	DW	8.14	304.80	BDL	156.00	BDL	195.36	195.36	7.09	50.27	3.50	0.26	30.02	14.55	135.00	32.51	4.15	0.35
Hailakandi	Lala	DW	7.36	135.90	0.10	69.60	BDL	61.05	61.05	21.27	32.27	16.60	0.10	14.01	8.49	70.00	18.39	3.94	0.53
Hailakandi	Monachera	DW	7.52	199.20	BDL	101.90	BDL	67.15	67.15	28.36	70.26	5.15	0.22	12.01	7.28	60.00	42.83	6.53	1.41
Hailakandi	Panchgram New	DW	7.98	484.80	0.20	248.10	BDL	262.51	262.51	28.36	45.19	3.13	0.33	42.03	26.68	215.00	21.61	15.67	0.53
Jorhat	Bijay Nagar	DW	7.62	601.60	BDL	283.40	BDL	293.03	293.03	102.81	28.82	BDL	0.47	8.01	42.47	195.00	68.16	29.27	0.16
Jorhat	Cinemora	DW	7.66	833.70	0.20	464.30	BDL	189.25	189.25	308.42	76.45	0.81	0.14	32.03	23.04	175.00	116.59	23.22	3.76
Jorhat	Gatisunga	DW	8.02	462.20	BDL	248.10	BDL	219.78	219.78	109.90	25.46	BDL	0.16	20.02	19.41	130.00	69.32	35.69	1.53
Jorhat	Kokilamukh	DW	8.12	276.40	BDL	146.20	BDL	152.62	152.62	53.18	8.06	BDL	0.24	14.01	19.41	115.00	29.62	4.94	2.22
Jorhat	Kunwari Pukhuri	DW	7.92	135.00	BDL	74.57	BDL	79.36	79.36	24.82	20.89	BDL	0.10	14.01	6.06	60.00	22.15	4.97	1.10
Jorhat	Lichubari	DW	7.66	176.10	BDL	98.52	BDL	48.84	48.84	67.35	35.37	BDL	0.07	6.00	6.07	40.00	46.62	10.06	1.30
Jorhat	Meleng	DW	7.83	131.00	BDL	69.12	BDL	36.63	36.63	46.09	2.69	0.18	0.08	10.01	7.28	55.00	14.91	2.56	BDL

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						← mg/L →													
	Kaparadharia																		
Jorhat	Titabor	DW	8.13	427.00	0.20	230.40	BDL	305.24	305.24	39.00	44.07	BDL	0.23	24.02	25.47	165.00	55.14	28.87	0.09
Kamrup	Bamunigaon	DW	7.88	197.10	BDL	103.60	BDL	115.99	115.99	24.82	39.66	0.44	0.51	39.98	9.70	70.00	17.46	2.20	2.34
Kamrup	Boko	DW	7.76	249.90	0.10	131.10	BDL	122.10	122.10	24.82	8.34	1.51	0.75	94.98	23.05	115.00	13.12	2.94	0.08
Kamrup	Chhaygaon	DW	8.10	318.90	BDL	166.70	BDL	146.52	146.52	14.18	69.06	28.40	0.46	69.98	16.99	95.00	3.76	2.50	1.96
Kamrup	Hajo	DW	8.83	322.20	BDL	159.60	12.00	164.83	176.83	14.18	54.51	BDL	0.69	59.96	14.55	115.00	17.72	3.67	2.07
Kamrup	Khetri II	DW	8.02	398.40	BDL	209.60	BDL	140.41	140.41	81.54	67.24	BDL	0.25	18.01	20.62	130.00	48.92	27.42	1.48
Kamrup	Mirza	DW	7.95	341.70	BDL	181.40	BDL	12.21	12.21	28.36	17.88	BDL	2.40	64.96	15.77	115.00	19.85	4.97	0.31
Kamrup	Rani	DW	7.29	137.10	BDL	71.59	BDL	30.52	30.52	46.08	18.70	1.51	0.05	24.99	6.07	40.00	9.27	6.29	0.31
Kamrup	Sonapur	DW	7.82	350.30	BDL	184.10	BDL	73.26	73.26	81.54	94.24	BDL	0.14	14.01	14.56	95.00	53.67	28.90	0.17
Kamrup	Sualkuchi	DW	8.38	1282.00	BDL	657.50	18.00	323.56	341.56	134.71	138.76	8.76	0.41	94.79	23.01	355.00	86.97	44.51	0.33
Kamrup	Topatoli	DW	7.77	94.05	BDL	49.68	BDL	54.94	54.94	21.27	14.30	BDL	0.16	8.01	4.85	40.00	17.83	3.14	0.25
Karbi Anglong	Adarakha Tiniali	DW	7.64	700.60	BDL	365.60	BDL	427.34	427.34	67.36	42.31	0.18	0.07	20.02	36.40	200.00	74.93	59.95	2.08
Karbi Anglong	Balipathar	DW	4.85	181.80	BDL	94.65	BDL	30.52	30.52	39.00	78.78	BDL	BDL	16.01	14.97	30.00	18.68	8.10	0.10
Karbi Anglong	Boithalansu	DW	8.03	265.60	BDL	132.70	BDL	79.36	79.36	17.73	15.13	0.24	0.36	12.01	7.28	60.00	21.10	1.62	0.26
Karbi Anglong	Bokajan I	DW	8.16	343.30	BDL	160.70	BDL	61.05	61.05	77.99	10.09	6.78	0.12	20.02	6.06	75.00	38.88	2.09	0.16
Karbi Anglong	Bokajan II	DW	8.15	88.55	BDL	42.34	BDL	54.94	54.94	17.73	9.40	BDL	0.16	14.01	2.42	45.00	13.42	1.29	0.55
Karbi Anglong	Dengaon	DW	8.04	168.80	BDL	82.62	BDL	67.15	67.15	28.36	17.47	0.40	0.25	12.01	2.42	40.00	20.99	12.60	1.33
Karbi Anglong	Deopani	DW	7.55	350.10	0.30	203.30	BDL	213.67	213.67	74.45	20.97	BDL	0.29	20.02	23.05	145.00	44.95	27.36	0.29
Karbi Anglong	Dillai	DW	8.72	820.80	BDL	408.80	9.00	146.52	155.52	191.43	79.10	BDL	0.24	16.01	44.90	225.00	76.92	38.63	0.55
Karbi Anglong	Diphu	DW	8.15	694.60	BDL	340.20	BDL	451.76	451.76	28.36	127.74	BDL	0.47	28.02	59.45	315.00	75.49	11.30	0.42
Karbi Anglong	Dokmoka	DW	8.12	256.80	BDL	126.80	BDL	140.41	140.41	14.18	11.60	4.73	0.30	40.03	2.41	110.00	16.59	3.97	0.13

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Karbi Anglong	Donkamokam	DW	8.19	169.00	BDL	84.32	BDL	54.94	54.94	28.36	10.37	11.23	0.21	16.01	3.63	55.00	20.39	2.29	0.27
Karbi Anglong	Ghouria Dhubi	DW	8.11	266.30	BDL	124.20	BDL	42.73	42.73	81.54	23.78	BDL	0.16	10.01	6.06	50.00	38.34	19.46	0.27
Karbi Anglong	Hidipi	DW	7.81	256.30	0.10	124.70	BDL	122.10	122.10	42.54	11.96	BDL	0.21	18.01	10.91	90.00	25.91	8.69	0.13
Karbi Anglong	Kalonga	DW	8.13	140.80	BDL	70.53	BDL	42.73	42.73	21.27	9.36	13.34	0.16	10.01	3.64	40.00	13.68	9.01	0.06
Karbi Anglong	Kheronighat	DW	7.92	320.46	BDL	156.32	BDL	42.73	42.73	81.54	3.69	6.31	0.12	18.01	8.49	80.00	40.36	3.93	0.14
Karbi Anglong	Lahorijan	DW	8.11	158.50	BDL	83.59	BDL	54.94	54.94	53.18	6.20	BDL	0.89	16.01	7.27	70.00	11.51	3.18	10.11
Karbi Anglong	Lakhijan	DW	7.93	202.80	BDL	98.78	BDL	109.89	109.89	24.82	8.74	BDL	0.19	26.02	4.84	85.00	18.14	1.81	0.09
Karbi Anglong	Langhing	DW	8.01	322.80	BDL	160.40	BDL	122.10	122.10	39.00	10.37	3.26	0.56	30.02	7.27	105.00	33.60	2.65	0.02
Karbi Anglong	Manikpur	DW	7.87	632.20	BDL	312.80	BDL	299.14	299.14	53.18	49.36	1.25	0.49	32.03	15.76	145.00	102.86	32.93	0.41
Karbi Anglong	Manja	DW	8.22	299.90	BDL	147.70	18.00	85.47	103.47	106.35	27.01	BDL	0.19	10.01	6.06	50.00	69.32	38.94	1.22
Karbi Anglong	Mohendijua	DW	7.76	158.90	BDL	79.04	BDL	24.42	24.42	67.35	12.01	BDL	0.09	8.01	6.06	45.00	28.50	8.54	0.20
Karbi Anglong	Saphapani	DW	7.51	105.60	BDL	55.58	BDL	36.63	36.63	42.54	7.85	BDL	0.06	8.01	2.42	30.00	25.25	3.66	0.44
Karbi Anglong	Silanijan	DW	7.59	204.70	BDL	108.50	BDL	30.52	30.52	81.53	25.24	BDL	0.18	6.00	3.64	30.00	39.73	27.97	0.09
Karimganj	Badarpur	DW	7.01	304.10	BDL	155.50	BDL	42.73	42.73	49.63	40.13	1.03	0.08	22.02	10.91	100.00	18.92	11.75	0.56
Karimganj	Dhaulia	DW	7.62	161.30	0.20	82.62	BDL	79.36	79.36	10.64	42.57	1.13	0.21	22.02	7.27	85.00	11.83	3.38	3.45
Karimganj	Hatikira	DW	7.92	411.70	0.10	211.20	BDL	134.31	134.31	46.09	22.13	6.16	0.17	16.01	13.34	95.00	38.32	24.83	1.41
Karimganj	Kayasthagram	DW	8.30	493.10	BDL	251.10	12.00	256.40	268.40	28.36	97.17	9.35	0.30	32.03	35.18	225.00	46.30	18.64	0.49
Karimganj	Patharkandi	DW	8.35	452.30	BDL	231.80	9.00	262.51	271.51	10.64	20.16	1.26	0.34	42.03	29.11	225.00	10.59	10.47	0.60
Karimganj	R.K. Nagar	DW	7.42	93.95	BDL	48.48	BDL	48.84	48.84	14.18	28.56	5.15	0.16	10.01	7.28	55.00	13.20	4.19	0.81
Karimganj	Sarkaribari	DW	7.94	308.80	0.20	158.50	BDL	189.25	189.25	10.64	10.15	1.26	0.33	28.02	19.40	150.00	9.80	9.00	5.45
Lakhimpur	Amguri	DW	7.69	555.20	BDL	286.20	BDL	170.94	170.94	81.54	77.06	0.91	0.22	34.03	30.32	210.00	42.43	16.36	BDL

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Lakhimpur	Bhogpur Charali	DW	7.97	219.20	BDL	106.39	BDL	152.62	152.62	14.18	3.04	3.58	0.30	32.03	4.84	100.00	14.27	7.48	0.80
Lakhimpur	Bihpuria	DW	8.19	163.50	BDL	79.98	BDL	12.21	12.21	14.18	30.74	10.08	0.34	22.02	2.42	65.00	4.17	3.14	0.09
Lakhimpur	Dolanghat Chara	DW	7.87	327.60	BDL	160.40	BDL	250.30	250.30	31.91	11.53	0.09	0.49	34.03	18.19	160.00	29.00	9.68	5.85
Lakhimpur	Harmoti	DW	6.72	36.17	BDL	18.71	BDL	36.63	36.63	53.18	9.93	0.08	BDL	6.00	4.85	35.00	32.29	1.44	BDL
Lakhimpur	Koilamari	DW	8.11	263.40	BDL	129.80	BDL	177.04	177.04	21.27	2.93	4.42	0.34	16.01	16.98	110.00	13.51	5.88	11.31
Lakhimpur	Laluk	DW	7.52	310.50	BDL	160.30	BDL	146.52	146.52	46.08	57.34	0.08	0.19	22.02	18.19	130.00	30.78	19.71	0.01
Lakhimpur	Milanpur	DW	7.81	108.50	BDL	54.02	BDL	54.94	54.94	17.73	19.79	3.82	0.01	10.01	3.64	40.00	18.15	4.12	0.41
Lakhimpur	Mori Dirgha	DW	7.89	81.90	BDL	40.91	BDL	61.05	61.05	10.64	6.61	0.32	0.09	10.01	3.64	40.00	16.32	1.24	0.37
Lakhimpur	Moridhol	DW	7.97	175.20	BDL	88.12	BDL	103.78	103.78	21.27	19.37	0.08	0.46	18.01	12.13	95.00	6.08	8.98	2.17
Lakhimpur	Panigaon	DW	8.03	386.50	0.10	190.20	BDL	268.61	268.61	60.27	21.05	0.09	0.33	32.03	16.97	150.00	49.90	29.86	0.46
Lakhimpur	Pathalipam	DW	7.38	27.59	BDL	13.67	BDL	30.52	30.52	10.64	3.42	0.09	BDL	4.00	3.64	25.00	8.53	2.51	0.13
Lakhimpur	Pathalipam II	DW	8.06	204.90	BDL	102.70	BDL	85.47	85.47	39.00	24.68	0.19	0.17	20.02	8.49	85.00	12.78	11.61	7.78
Lakhimpur	Santipur	DW	7.96	152.80	0.20	76.91	BDL	109.89	109.89	10.64	12.33	0.14	0.13	26.02	3.63	80.00	12.72	2.44	0.02
Morigaon	Baghara	DW	8.13	1481.00	BDL	769.30	BDL	286.93	286.93	347.41	18.06	0.10	0.39	54.04	18.18	210.00	234.06	6.45	0.31
Morigaon	Basanaghat	DW	8.06	361.00	BDL	181.40	BDL	140.41	140.41	17.73	33.98	3.87	0.35	48.04	4.83	140.00	18.80	13.05	0.10
Morigaon	Deosal	DW	7.79	66.98	BDL	35.56	BDL	54.94	54.94	21.27	14.48	BDL	0.17	4.00	6.07	35.00	26.13	3.92	0.13
Morigaon	Jagiroad	DW	8.18	516.20	BDL	272.40	BDL	158.73	158.73	99.26	91.33	BDL	0.35	14.01	30.33	160.00	62.52	27.90	0.02
Morigaon	Kumoi	DW	8.51	622.10	BDL	311.70	15.00	280.82	295.82	31.91	26.98	2.79	1.30	64.05	12.10	210.00	43.57	37.32	0.15
Morigaon	New Nellie	DW	7.47	80.07	0.20	42.48	BDL	36.63	36.63	24.82	5.54	0.14	0.10	8.01	3.64	35.00	16.51	2.61	0.09
Morigaon	Silsang Namghar	DW	8.18	187.70	BDL	100.00	BDL	91.57	91.57	28.36	32.65	BDL	0.21	18.01	9.70	85.00	18.30	9.89	0.15
Nagaon	Amsoi	DW	7.75	55.76	0.10	29.69	BDL	42.73	42.73	21.27	9.05	BDL	0.18	4.00	4.85	30.00	14.43	9.30	0.35
Nagaon	Bamuni	DW	8.07	303.40	0.30	163.20	BDL	164.83	164.83	46.09	41.08	BDL	0.47	14.01	19.41	115.00	38.66	19.29	0.26
Nagaon	Bamuni Karbigaon	DW	7.98	354.80	BDL	189.30	BDL	158.73	158.73	53.18	52.70	BDL	0.44	10.01	16.99	95.00	48.74	30.88	0.17
Nagaon	Bichamari	DW	8.71	512.20	BDL	258.20	9.00	201.46	210.46	38.99	3.35	8.24	0.69	48.04	15.75	185.00	36.75	4.18	0.07

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Nagaon	Bordowa	DW	7.94	520.60	BDL	260.50	BDL	152.62	152.62	49.63	45.80	14.90	0.37	36.03	16.97	160.00	35.78	34.26	0.03
Nagaon	Dhing	DW	8.04	500.60	BDL	251.60	BDL	238.09	238.09	31.91	15.38	0.14	0.54	48.04	12.11	170.00	47.14	9.07	No Sample
Nagaon	Gomotha	DW	8.73	692.50	BDL	369.90	18.00	390.71	408.71	85.08	51.13	BDL	0.71	16.01	48.54	240.00	79.90	48.84	0.11
Nagaon	Gosaibari	DW	8.73	453.80	BDL	229.40	9.00	268.61	277.61	10.64	16.36	3.26	0.40	72.06	14.86	170.00	19.52	6.48	0.01
Nagaon	Haldiati Sub Bt	DW	7.81	248.30	0.20	122.20	BDL	79.36	79.36	35.45	15.60	2.01	0.27	14.01	6.06	60.00	32.71	7.20	0.00
Nagaon	Hatenibatha	DW	8.47	938.90	BDL	502.80	18.00	427.34	445.34	265.88	13.99	BDL	0.60	12.01	75.24	340.00	78.16	2.60	0.87
Nagaon	Juraphukhuri	DW	7.60	467.70	BDL	230.70	BDL	213.67	213.67	28.36	14.05	2.69	0.50	46.04	9.69	155.00	40.64	7.38	0.03
Nagaon	Kathiatoli	DW	8.51	608.60	BDL	301.50	9.00	170.94	179.94	74.45	30.41	3.02	0.34	50.04	12.11	175.00	52.13	23.66	0.45
Nagaon	Kondoli	DW	8.05	302.50	BDL	161.60	BDL	85.47	85.47	63.81	63.62	BDL	2.00	20.02	3.63	65.00	49.43	29.85	0.18
Nagaon	Lanka	DW	8.05	794.70	0.10	395.80	BDL	274.72	274.72	124.08	18.96	3.92	0.57	58.05	27.88	260.00	93.33	1.64	0.04
Nagaon	Lengtang TE	DW	7.46	73.54	0.30	39.24	BDL	24.42	24.42	38.99	9.68	BDL	0.18	4.00	3.64	25.00	23.76	3.66	0.23
Nagaon	Lumding	DW	8.57	557.80	BDL	276.80	9.00	238.09	247.09	21.27	34.37	10.88	0.63	44.04	25.46	215.00	40.72	8.85	0.04
Nagaon	Naderigaon	DW	8.49	1199.00	BDL	605.20	18.00	415.13	433.13	173.71	26.36	12.26	0.48	56.04	21.82	230.00	207.66	20.94	6.87
Nagaon	Pahukata	DW	8.72	835.10	BDL	444.30	18.00	451.76	469.76	138.26	34.62	BDL	0.46	40.03	50.95	310.00	89.92	52.50	0.17
Nagaon	Phulaguri	DW	8.09	385.60	0.10	211.40	BDL	323.56	323.56	10.64	3.78	BDL	0.63	20.02	24.26	150.00	55.30	1.87	0.95
Nagaon	Silghat	DW	8.65	549.10	BDL	294.70	9.00	286.93	295.93	74.45	63.92	BDL	0.39	28.02	44.89	255.00	50.96	14.72	0.15
Nagaon	Sulung PO	DW	8.55	655.80	BDL	351.10	15.00	299.14	314.14	134.71	38.06	BDL	0.32	26.02	35.18	210.00	77.92	57.49	0.23
Nagaon	Telia Bebejia	DW	7.90	637.30	BDL	319.30	BDL	262.51	262.51	74.45	40.25	10.23	0.55	48.04	14.54	180.00	99.31	9.01	0.18
Nagaon	Zebra Khua	DW	7.94	208.70	BDL	96.15	BDL	85.47	85.47	10.64	13.69	4.29	0.29	14.01	7.27	65.00	19.95	1.59	0.04
Nalbari	Daulasal	DW	8.60	552.60	0.20	277.00	27.00	323.56	350.56	28.36	29.72	BDL	0.58	99.86	24.24	270.00	11.59	19.22	1.10
Nalbari	Tihu	DW	8.81	361.30	BDL	174.80	6.00	170.94	176.94	7.09	30.80	BDL	1.30	29.99	7.28	40.00	48.85	0.86	0.04
Sibsagar	Bandarmari	DW	8.03	541.40	BDL	278.00	BDL	244.20	244.20	124.08	20.13	BDL	0.36	6.00	42.47	190.00	55.95	39.42	0.58
Sibsagar	Sapekhati	DW	7.55	293.30	0.30	152.10	BDL	177.04	177.04	10.64	51.69	BDL	0.25	18.01	24.26	145.00	19.10	7.45	0.17
Sonitpur	Balipara	DW	7.55	226.10	BDL	115.30	BDL	134.31	134.31	17.73	32.22	BDL	0.25	28.02	7.27	100.00	20.82	8.21	BDL

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Sonitpur	Barchola	DW	8.06	216.80	BDL	109.10	BDL	85.47	85.47	38.99	25.72	BDL	0.22	12.01	10.92	75.00	22.80	11.85	0.17
Sonitpur	Dhekiajuli	DW	8.13	131.60	0.20	65.90	BDL	85.47	85.47	14.18	8.96	BDL	0.21	4.00	6.07	35.00	25.22	1.48	1.44
Sonitpur	Garumari/Ghoramari	DW	8.08	336.20	BDL	171.50	BDL	134.31	134.31	88.63	12.28	BDL	0.17	30.02	13.33	130.00	39.98	6.96	BDL
Sonitpur	Porua chariali, Tezpur	DW	8.09	122.50	0.40	61.48	BDL	61.05	61.05	14.18	17.93	BDL	0.12	8.01	7.28	50.00	9.93	7.04	0.20
Sonitpur	Thelamara	DW	8.09	300.80	BDL	150.30	BDL	146.52	146.52	24.82	37.34	2.66	0.26	18.01	19.41	125.00	16.22	23.72	BDL
Sonitpur	Tupia	DW	7.79	483.40	BDL	249.90	BDL	122.10	122.10	85.08	42.35	BDL	0.25	18.01	18.20	120.00	63.12	19.30	1.47
Tinsukia	Borgolai	DW	3.97	59.43	BDL	309.70	BDL	18.31	18.31	134.71	198.38	0.08	BDL	24.02	27.90	175.00	57.97	48.95	5.12
Tinsukia	Digboi	DW	7.48	202.20	BDL	105.00	6.00	146.52	152.52	28.36	17.89	9.42	0.14	26.02	10.91	110.00	30.76	2.18	0.06
Tinsukia	Jagun	DW	6.57	59.86	BDL	30.98	BDL	42.73	42.73	42.54	13.40	0.08	0.06	8.01	2.42	30.00	28.78	4.90	0.21
Tinsukia	Jaipur Naharjan	DW	7.35	243.30	BDL	126.50	BDL	146.52	146.52	39.00	10.47	0.08	0.43	26.02	16.98	135.00	12.73	3.68	1.57
Tinsukia	KumsangSelen guri	DW	7.62	346.10	0.20	179.10	3.00	183.15	186.15	70.90	20.33	0.09	0.19	26.02	12.12	115.00	49.83	32.07	0.69
Tinsukia	Lekhapani	DW	7.13	183.50	BDL	95.24	BDL	85.47	85.47	31.91	68.70	0.08	0.13	26.02	9.70	105.00	28.07	5.64	0.82
Tinsukia	Panitola	DW	7.54	402.30	BDL	210.10	BDL	189.25	189.25	53.18	80.97	0.08	0.44	30.02	26.68	185.00	34.19	21.78	0.10
Tinsukia	Sadiya	DW	7.43	210.40	BDL	109.30	BDL	140.41	140.41	39.00	35.28	0.08	0.15	20.02	21.83	140.00	19.87	5.05	0.03
Tinsukia	Tinsukia	DW	7.77	812.90	BDL	420.10	18.00	256.40	274.40	159.53	109.51	0.31	0.08	48.04	41.24	290.00	82.68	42.95	0.15
Tinsukia	Tirap Gate	DW	6.89	184.60	0.20	95.27	BDL	54.94	54.94	49.63	76.71	0.08	0.09	16.01	10.91	85.00	37.09	9.48	1.28

MEGHALAYA

East Hills	Garo	Darugiri	DW	7.28	235.60	BDL	127.60	BDL	48.84	48.84	39.00	7.32	8.96	0.10	159.98	38.83	190.00	9.76	9.28	0.09
East Hills	Garo	Narringe	DW	5.73	50.86	BDL	27.90	BDL	24.42	24.42	24.82	8.83	0.57	0.04	4.98	1.21	25.00	20.06	3.82	0.13
East Hills	Garo	Rongjeng	DW	4.41	407.80	BDL	218.30	BDL	91.57	91.57	77.99	6.14	13.66	BDL	54.98	13.34	85.00	4.97	6.98	0.09
East Hills	Garo	Samanda Megapagre	DW	6.85	69.34	0.10	36.94	BDL	24.42	24.42	17.73	4.55	1.63	0.07	9.99	2.42	25.00	4.97	1.60	0.09
East Hills	Garo	Songsak	DW	7.67	137.50	BDL	73.70	BDL	73.26	73.26	28.36	49.80	1.67	0.06	44.97	10.91	85.00	2.91	0.53	0.14

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
East Khasi Hills	Golf Links	DW	7.15	73.61	BDL	37.85	BDL	24.42	24.42	10.64	16.90	1.29	0.05	6.00	6.07	40.00	4.81	0.89	1.09
East Khasi Hills	Lr.Lachauwier e	DW	7.21	192.40	BDL	99.36	BDL	36.63	36.63	42.54	19.02	2.17	0.13	12.01	8.49	65.00	24.06	2.32	1.05
East Khasi Hills	Mawpat	DW	6.19	143.80	BDL	74.51	BDL	18.31	18.31	28.36	13.36	8.01	0.04	8.01	8.49	55.00	9.18	4.17	0.56
East Khasi Hills	Nongmynsong	DW	7.53	355.80	BDL	183.90	BDL	73.26	73.26	56.72	36.11	8.33	0.14	18.01	7.27	75.00	42.86	22.89	0.56
North Garo Hills	Dainadubi	DW	7.25	91.70	BDL	48.91	BDL	24.42	24.42	28.36	4.92	BDL	0.09	9.98	2.42	40.00	13.77	1.63	0.25
North Garo Hills	Rongmil	DW	4.52	129.50	BDL	69.53	BDL	24.42	24.42	49.63	7.64	4.61	BDL	19.98	4.85	40.00	10.15	3.19	0.07
Ri-Bhoi	Byrnihat	DW	7.79	465.10	BDL	238.90	BDL	91.57	91.57	74.45	50.25	5.25	0.34	28.02	23.04	165.00	32.75	8.28	2.57
Ri-Bhoi	Pahanmawlier	DW	7.89	126.70	BDL	65.64	BDL	85.47	85.47	7.09	3.26	4.49	0.32	20.02	2.42	60.00	8.31	3.36	0.49
SW Garo	Ampati	DW	7.98	348.10	BDL	190.80	BDL	103.78	103.78	85.08	62.27	12.24	0.34	84.96	20.62	135.00	4.14	1.67	1.01
SW Garo	Betasing	DW	7.49	144.60	BDL	79.13	BDL	36.63	36.63	60.27	15.32	BDL	0.13	19.98	4.85	45.00	18.32	5.04	1.60
SW Garo	Garobandha	DW	7.74	279.10	BDL	153.00	BDL	42.73	42.73	74.45	91.02	BDL	0.07	34.97	8.49	70.00	36.05	9.86	0.42
SW Garo	Mahindraganj	DW	7.85	282.00	BDL	152.80	BDL	115.99	115.99	56.72	31.63	1.73	0.19	44.95	10.91	110.00	18.91	10.50	0.14
SW Garo	Zikzak	DW	7.72	368.00	BDL	200.20	BDL	152.62	152.62	56.72	73.46	1.26	0.16	84.94	20.62	165.00	4.98	2.37	0.59
West Garo Hills	Asanang	DW	7.69	128.90	BDL	69.78	BDL	54.94	54.94	39.00	8.32	0.97	0.08	14.98	3.63	45.00	24.04	2.81	0.66
West Garo Hills	Dalu	DW	7.68	144.40	BDL	77.98	BDL	42.73	42.73	31.91	22.56	2.10	0.05	24.98	6.06	50.00	4.32	5.80	0.12
West Garo Hills	Damjongre	DW	7.88	104.40	BDL	57.15	BDL	48.84	48.84	24.82	7.72	0.23	0.13	14.97	3.63	50.00	9.31	4.14	0.10
West Garo Hills	Phulbari	DW	8.14	195.90	BDL	107.10	BDL	103.78	103.78	35.45	21.47	0.46	0.14	44.97	10.91	85.00	5.47	1.96	0.72
West Garo Hills	Purakhasia	DW	8.20	150.00	BDL	81.78	BDL	97.68	97.68	24.82	64.99	9.70	0.41	54.99	13.35	65.00	4.82	3.07	1.31
West Garo Hills	Rajabala	DW	7.93	132.20	BDL	72.58	BDL	73.26	73.26	24.82	15.80	0.37	0.14	29.98	7.28	50.00	6.47	1.48	1.54
West Garo Hills	Rongram	DW	7.25	116.20	BDL	62.60	BDL	30.52	30.52	35.45	7.74	3.02	0.06	19.98	4.85	40.00	2.57	8.54	0.21
West Garo Hills	Selsella	DW	7.48	132.00	BDL	72.03	BDL	48.84	48.84	35.45	36.47	BDL	0.08	19.98	4.85	40.00	16.40	13.20	0.14

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						← mg/L →													
West jaintia Hills	Jowai New	DW	6.94	69.32	BDL	35.79	BDL	18.31	18.31	14.18	18.72	0.46	BDL	4.00	7.28	40.00	6.85	2.28	0.38

NAGALAND

Dimapur	7th Mile Colony	DW	8.20	346.60	0.10	169.00	BDL	115.99	115.99	81.54	49.06	BDL	0.21	8.01	21.84	110.00	47.35	20.33	1.15
Dimapur	Diphupar	DW	8.09	344.00	BDL	165.30	BDL	115.99	115.99	77.99	46.74	BDL	0.20	8.01	21.84	110.00	39.64	25.16	1.16

TRIPURA

Dhalai	Abhanga New	DW	7.67	237.90	BDL	118.80	BDL	73.26	73.26	21.27	10.75	7.33	0.10	8.01	18.20	95.00	5.75	3.05	0.97
Dhalai	Ambassa	DW	8.14	380.80	BDL	191.10	BDL	195.36	195.36	67.36	44.38	BDL	0.17	12.01	33.97	170.00	43.29	8.64	0.07
Dhalai	Chawmanu	DW	8.06	504.30	BDL	252.90	BDL	189.25	189.25	17.73	29.03	BDL	0.18	14.01	26.69	145.00	33.56	4.62	2.17
Dhalai	Darlang Basti	DW	8.04	370.30	0.40	185.30	BDL	231.99	231.99	70.90	20.99	BDL	0.22	6.00	37.62	170.00	50.86	2.24	0.35
Dhalai	Durga Cherra	DW	8.06	470.80	BDL	236.80	BDL	152.62	152.62	60.27	25.55	4.08	0.22	16.01	25.48	145.00	45.04	15.33	0.37
Dhalai	Durga Chowmuhani	DW	7.91	329.80	0.30	165.80	BDL	79.36	79.36	46.09	4.67	1.43	0.14	10.01	18.20	100.00	19.50	5.95	0.05
Dhalai	J.M Complex, Chailengta	DW	7.80	205.90	BDL	102.10	BDL	12.21	12.21	14.18	46.47	3.95	0.08	BDL	15.78	65.00	9.54	3.21	0.22
Dhalai	Kali Kumar Para	DW	8.13	244.00	BDL	121.90	BDL	128.20	128.20	24.82	3.97	BDL	0.14	10.01	19.41	105.00	18.60	3.41	1.16
Dhalai	Kamalpur	DW	7.92	193.70	BDL	95.97	BDL	67.15	67.15	10.64	25.19	BDL	0.14	14.01	6.06	60.00	17.66	5.65	0.51
Dhalai	Lalchari	DW	7.61	61.50	0.10	30.70	BDL	36.63	36.63	49.63	6.96	BDL	0.07	6.00	6.07	40.00	23.55	7.74	0.18
Dhalai	Manu New	DW	8.12	482.90	BDL	243.00	BDL	183.15	183.15	17.73	26.04	1.02	0.16	20.02	32.76	185.00	14.92	5.05	0.08
Dhalai	Nuna Cherra	DW	7.93	144.50	BDL	72.13	BDL	91.57	91.57	28.36	14.58	BDL	0.15	12.01	6.06	55.00	28.48	3.22	0.31
Dhalai	Sindhu Kumar	DW	8.05	471.70	BDL	237.10	BDL	231.99	231.99	10.64	31.51	BDL	0.17	26.02	26.69	175.00	27.80	20.99	0.42
Gomati	Amarpur	DW	7.96	217.00	BDL	109.00	BDL	146.52	146.52	10.64	11.33	BDL	0.23	14.01	12.13	85.00	27.07	2.37	1.03
Gomati	Bampur	DW	7.85	215.00	BDL	107.70	BDL	140.41	140.41	21.27	8.64	BDL	0.23	16.01	7.27	70.00	36.79	2.15	0.02
Gomati	Dewanbari	DW	7.83	175.80	BDL	88.03	BDL	73.26	73.26	10.64	22.83	BDL	0.13	14.01	9.70	75.00	12.74	2.28	0.03
Gomati	Dhawaj nagar	DW	8.12	130.40	BDL	64.80	BDL	85.47	85.47	14.18	9.64	BDL	0.14	12.01	6.06	55.00	13.82	3.28	2.11
Gomati	Gorjee Bazar	DW	8.18	134.70	BDL	67.92	BDL	97.68	97.68	17.73	10.63	BDL	0.12	12.01	6.06	55.00	23.85	2.87	2.43

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Gomati	Jatanbari	DW	7.86	171.00	BDL	85.43	BDL	73.26	73.26	17.73	22.16	BDL	0.11	12.01	8.49	65.00	15.28	2.26	0.15
Gomati	Joingkami	DW	7.93	177.90	BDL	88.53	BDL	128.20	128.20	10.64	29.78	BDL	0.13	12.01	9.70	70.00	34.40	2.29	0.04
Gomati	Kankraban	DW	8.16	133.70	0.30	66.60	BDL	30.52	30.52	21.27	27.14	BDL	0.13	12.01	7.28	60.00	8.34	2.90	2.33
Gomati	Noabari-2	DW	7.91	176.00	0.30	87.85	BDL	67.15	67.15	127.62	23.72	BDL	0.11	14.01	9.70	75.00	54.92	32.11	0.11
Gomati	Twidu	DW	7.74	234.00	0.20	116.40	BDL	152.62	152.62	10.64	11.18	BDL	0.10	16.01	9.70	80.00	28.54	2.95	0.10
Khowai	45 Miles	DW	7.85	2107.00	BDL	1035.00	BDL	1330.86	1330.86	138.26	13.02	BDL	10.20	10.01	9.70	65.00	447.7 2	4.92	0.51
Khowai	Jamadar Para	DW	7.03	211.30	0.10	104.90	BDL	12.21	12.21	21.27	11.36	6.93	BDL	10.01	6.06	50.00	3.58	1.67	0.08
Khowai	Kalyanpur	DW	7.97	697.40	BDL	346.00	BDL	140.41	140.41	10.64	64.39	10.26	0.15	14.01	40.04	200.00	9.25	3.01	0.26
Khowai	Kathalbari	DW	8.11	182.60	BDL	90.99	BDL	97.68	97.68	10.64	20.78	BDL	0.18	20.02	8.49	85.00	10.33	6.95	0.28
Khowai	Khowai	DW	8.03	215.80	BDL	107.20	BDL	146.52	146.52	70.90	11.86	BDL	0.24	12.01	16.98	100.00	45.43	12.56	1.35
Khowai	Pachim Howaibari	DW	7.91	366.90	BDL	183.50	BDL	54.94	54.94	39.00	22.25	3.86	0.11	14.01	10.92	80.00	19.57	13.37	0.10
Khowai	Tuimadhu	DW	8.01	358.20	BDL	128.10	BDL	134.31	134.31	21.27	32.90	BDL	0.33	18.01	16.98	115.00	18.55	2.99	0.42
North Tripura	Ananda Bazar	DW	8.05	158.20	BDL	78.64	BDL	73.26	73.26	14.18	15.91	BDL	0.15	20.02	6.06	75.00	9.47	5.03	0.40
North Tripura	Baghbassa	DW	8.07	140.40	BDL	70.04	BDL	91.57	91.57	28.36	14.22	BDL	0.13	14.01	9.70	75.00	17.89	2.59	0.53
North Tripura	Churaibari	DW	7.15	101.90	0.10	51.54	BDL	24.42	24.42	120.53	9.57	BDL	0.12	8.01	3.64	35.00	48.04	33.00	0.11
North Tripura	Dataram	DW	3.42	844.10	0.10	435.40	BDL	6.10	6.10	7.09	8.03	8.59	BDL	24.02	30.33	185.00	21.21	9.08	0.54
North Tripura	Deocherra	DW	7.35	131.00	BDL	64.25	BDL	30.52	30.52	21.27	4.55	4.46	0.16	10.01	6.06	50.00	6.76	4.34	0.02
North Tripura	Dharmanagar	DW	7.91	156.40	BDL	77.63	BDL	73.26	73.26	14.18	15.42	BDL	0.20	18.01	4.85	65.00	14.19	2.17	0.05
North Tripura	Kanchanpur	DW	7.76	597.50	BDL	297.50	BDL	79.36	79.36	141.80	25.49	0.09	0.12	18.01	20.62	130.00	78.38	12.52	0.53
North Tripura	Khedacherra	DW	8.13	347.40	BDL	176.10	BDL	231.99	231.99	10.64	13.65	BDL	0.31	26.02	24.26	165.00	21.56	3.00	0.18
North Tripura	Krishnapur	DW	7.83	198.10	0.10	97.31	BDL	54.94	54.94	24.82	21.65	0.81	0.19	12.01	8.49	65.00	17.08	7.60	0.23
North	Kunjanagar	DW	7.70	93.91	BDL	46.26	BDL	54.94	54.94	10.64	3.26	BDL	0.16	10.01	7.28	55.00	4.30	1.52	0.23

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Tripura																			
North Tripura	Lalchhara	DW	7.97	437.20	BDL	219.60	BDL	85.47	85.47	88.63	14.51	5.05	0.21	14.01	24.27	135.00	40.21	3.28	0.04
North Tripura	Laljuri	DW	7.87	538.90	0.20	274.70	BDL	61.05	61.05	109.90	11.31	7.56	0.17	18.01	26.69	155.00	38.55	3.34	0.02
North Tripura	Naba Joypara (Natun Basti)	DW	7.94	162.60	BDL	80.98	BDL	61.05	61.05	17.73	8.36	BDL	0.22	14.01	8.49	70.00	6.78	5.16	0.14
North Tripura	Narendra Nagar	DW	7.95	137.50	0.20	68.06	BDL	85.47	85.47	14.18	8.25	BDL	0.14	12.01	7.28	60.00	16.82	3.71	0.31
North Tripura	Panisagar	DW	7.02	318.20	BDL	158.40	BDL	12.21	12.21	53.18	14.38	7.94	0.22	8.01	9.70	60.00	20.12	8.49	0.03
North Tripura	Rajnagar	DW	8.20	221.00	BDL	109.30	BDL	134.31	134.31	10.64	8.90	BDL	0.32	28.02	12.12	120.00	8.10	2.97	0.03
North Tripura	Sanicherra	DW	8.07	422.50	BDL	209.30	BDL	103.78	103.78	67.36	43.09	BDL	0.33	22.02	15.77	120.00	39.99	20.98	0.09
North Tripura	Satnala	DW	7.97	497.10	0.30	247.20	BDL	219.78	219.78	46.09	40.41	BDL	0.44	30.02	31.54	205.00	40.56	9.38	0.42
Sepahijala	Dakshin Kalamcherra	DW	8.62	428.90	BDL	212.10	12.00	286.93	298.93	7.09	4.14	BDL	0.47	26.02	7.27	95.00	90.58	1.76	BDL
Sepahijala	Golaghati	DW	7.76	334.30	BDL	165.80	BDL	134.31	134.31	39.00	25.59	BDL	0.24	28.02	7.27	100.00	32.56	14.70	0.41
Sepahijala	Gongrai	DW	7.98	329.10	0.30	162.90	BDL	146.52	146.52	38.99	22.43	BDL	0.29	30.02	9.69	115.00	32.47	14.15	0.47
Sepahijala	Kanthalia Bazar	DW	8.05	428.50	BDL	213.50	BDL	274.72	274.72	10.64	3.58	0.26	0.42	24.02	8.48	95.00	78.76	1.76	0.05
Sepahijala	Lalmaibari	DW	7.73	489.20	BDL	243.40	BDL	42.73	42.73	70.90	78.81	BDL	0.28	32.03	20.62	165.00	24.24	15.40	0.26
Sepahijala	Rajib Nagar	DW	7.41	43.39	BDL	21.45	BDL	18.31	18.31	10.64	13.19	BDL	0.03	4.00	6.07	35.00	3.05	3.35	0.10
Sepahijala	Shivnagar	DW	7.83	495.70	0.40	246.10	BDL	48.84	48.84	70.90	103.87	0.16	0.44	16.01	36.40	190.00	27.20	15.34	0.33
Sepahijala	Tufaniamura	DW	8.14	333.30	BDL	164.40	BDL	134.31	134.31	35.45	26.61	BDL	0.29	18.01	23.05	140.00	21.55	14.14	0.88
South Tripura	Aamli Ghat	DW	7.96	237.20	BDL	117.20	BDL	61.05	61.05	53.18	10.00	0.79	0.12	16.01	4.85	60.00	27.82	6.92	0.60
South Tripura	Ananda Bandhu Para	DW	7.22	337.80	BDL	168.00	BDL	18.31	18.31	99.26	5.14	BDL	0.07	10.01	19.41	105.00	25.90	11.34	0.28
South Tripura	Baishnabpur	DW	8.06	170.30	BDL	84.89	BDL	61.05	61.05	35.45	7.40	BDL	0.10	8.01	12.13	70.00	19.76	0.82	1.69
South Tripura	Barkashari	DW	8.66	427.30	BDL	213.60	9.00	286.93	295.93	10.63	4.38	BDL	0.40	24.02	2.42	70.00	68.68	21.74	0.14

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
South Tripura	Bijaynagar	DW	7.36	350.80	BDL	173.40	BDL	18.31	18.31	95.72	5.99	BDL	BDL	8.01	15.77	85.00	33.03	11.35	0.35
South Tripura	Gaurangar bazar	DW	7.58	75.84	0.40	37.38	BDL	36.63	36.63	17.73	6.87	BDL	BDL	6.00	4.85	35.00	9.84	1.08	0.38
South Tripura	Ghorakhappa	DW	7.82	117.40	0.20	57.61	BDL	42.73	42.73	14.18	8.12	2.42	0.12	12.01	7.28	60.00	4.11	1.79	0.42
South Tripura	Jagatpur	DW	7.90	208.70	BDL	102.80	BDL	109.89	109.89	10.63	23.20	0.42	0.34	16.01	14.56	100.00	17.72	3.64	0.53
South Tripura	Kalirbazar	DW	8.05	167.50	BDL	82.64	BDL	97.68	97.68	17.73	17.21	BDL	0.20	14.01	9.70	75.00	15.84	5.36	0.31
South Tripura	Magroom	DW	8.03	174.70	0.20	85.89	BDL	54.94	54.94	28.36	8.63	BDL	0.14	10.01	9.70	65.00	14.69	3.86	0.95
South Tripura	Manubazar	DW	7.97	177.70	BDL	87.63	BDL	67.15	67.15	17.73	15.76	2.30	0.16	16.01	9.70	80.00	7.00	5.50	0.45
South Tripura	Manur Mukh	DW	8.02	200.10	BDL	98.62	BDL	115.99	115.99	10.63	25.44	BDL	0.36	14.01	15.77	100.00	18.52	3.15	0.53
South Tripura	Michara	DW	8.10	200.60	BDL	99.08	BDL	115.99	115.99	10.64	23.87	BDL	0.38	14.01	10.92	80.00	18.51	3.08	0.31
South Tripura	Motu Mogpara	DW	8.00	68.86	BDL	33.78	BDL	48.84	48.84	7.09	6.10	BDL	0.15	8.01	2.42	30.00	11.14	2.26	0.24
South Tripura	Paschim Jalefa OW	PZ	8.17	128.60	0.10	63.09	BDL	73.26	73.26	7.09	12.28	BDL	0.20	8.01	6.06	45.00	13.33	3.74	7.07
South Tripura	Poangbari	DW	7.91	127.50	BDL	62.69	BDL	85.47	85.47	7.09	26.05	BDL	0.20	10.01	6.06	50.00	13.97	3.72	7.29
South Tripura	Purba Takka	DW	8.07	128.60	0.10	63.21	BDL	79.36	79.36	10.64	11.44	BDL	0.20	8.01	7.28	50.00	14.14	3.60	7.57
South Tripura	Radhanagar	DW	7.66	71.54	BDL	35.10	BDL	30.52	30.52	14.18	7.52	BDL	0.07	6.00	2.42	25.00	11.61	1.04	0.35
South Tripura	Rajnagar	DW	7.93	76.44	BDL	37.27	BDL	24.42	24.42	14.18	7.75	BDL	BDL	6.00	2.42	25.00	9.70	1.00	0.42
South Tripura	Sabroom	DW	7.77	123.10	BDL	60.29	BDL	36.63	36.63	10.64	9.30	1.89	0.11	10.01	4.85	45.00	6.30	1.97	0.21
South Tripura	Shashi-Chandrapur	DW	8.07	71.35	0.10	34.78	BDL	48.84	48.84	7.09	6.97	BDL	0.13	8.01	2.42	30.00	10.80	2.49	0.60
South Tripura	Srinagar	DW	8.05	243.50	0.10	119.30	BDL	54.94	54.94	46.09	8.80	BDL	0.11	14.01	7.27	65.00	24.99	6.79	0.67
Unakoti	Chandra- moni Kami	DW	7.98	228.90	BDL	112.00	BDL	109.89	109.89	28.36	18.95	BDL	0.29	22.02	9.70	95.00	14.95	6.05	2.14

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
Unakoti	Dumdum	DW	7.77	103.80	BDL	51.03	BDL	36.63	36.63	10.64	6.61	2.11	0.11	6.00	6.07	40.00	6.03	4.25	0.24
Unakoti	Gaurnagar	DW	8.35	435.00	BDL	225.30	15.00	225.88	240.88	31.91	3.66	1.52	0.18	42.03	19.40	185.00	18.41	25.37	3.66
Unakoti	Jarultali	DW	7.42	88.12	0.20	44.60	BDL	42.73	42.73	17.73	6.31	BDL	0.15	8.01	3.64	35.00	9.77	3.83	0.31
Unakoti	Kanchanbari	DW	7.68	520.30	BDL	271.60	BDL	73.26	73.26	145.35	8.81	0.78	0.10	22.02	24.26	155.00	62.28	10.04	0.21
Unakoti	Kanchancherra	DW	7.23	141.30	BDL	73.06	BDL	36.63	36.63	24.82	7.24	1.13	0.06	4.00	7.28	40.00	13.85	5.76	2.04
Unakoti	Karaicherra	DW	7.52	236.80	BDL	123.00	BDL	67.15	67.15	42.54	20.60	BDL	0.08	16.01	9.70	80.00	20.30	11.15	0.45
Unakoti	Kumarghat	DW	7.87	212.40	0.30	109.50	BDL	103.78	103.78	21.27	12.75	BDL	0.15	20.02	8.49	85.00	18.70	5.75	2.95
Unakoti	Panchamnagar	DW	7.81	130.20	0.20	67.48	BDL	73.26	73.26	7.09	14.64	BDL	0.10	20.02	6.06	75.00	4.37	3.05	0.28
Unakoti	Pecharthal	DW	8.32	416.20	BDL	215.30	9.00	201.46	210.46	35.45	26.29	BDL	0.19	18.01	33.97	185.00	24.58	4.79	0.53
West Tripura	A.D Nagar	DW	7.27	110.80	0.30	56.95	BDL	36.63	36.63	21.27	10.00	BDL	0.10	4.00	4.85	30.00	17.99	2.51	0.45
West Tripura	Gamcha kobra Market	DW	7.48	185.30	BDL	95.88	BDL	91.57	91.57	14.18	26.27	BDL	0.20	26.02	6.06	90.00	6.73	5.19	0.88
West Tripura	Ishanpur	DW	7.91	256.30	0.50	132.60	BDL	122.10	122.10	31.91	4.89	BDL	0.18	24.02	10.91	105.00	20.19	9.51	2.00
West Tripura	Khumulwng	DW	7.29	66.02	0.20	34.23	BDL	42.73	42.73	7.09	7.59	BDL	0.08	10.01	4.85	45.00	3.48	1.53	0.42
West Tripura	Madhuban	DW	7.03	279.20	BDL	144.60	BDL	30.52	30.52	56.72	2.93	5.90	0.04	14.01	6.06	60.00	24.51	6.32	0.45
West Tripura	Pukua bari	DW	7.67	108.80	BDL	56.44	BDL	54.94	54.94	10.64	15.94	BDL	0.11	10.01	6.06	50.00	11.57	3.90	0.63
West Tripura	R.K Nagar	DW	7.70	144.00	BDL	74.51	BDL	67.15	67.15	14.18	32.16	BDL	0.15	20.02	4.84	70.00	13.31	4.58	0.67
West Tripura	Sadhupara	DW	8.11	268.60	BDL	139.20	BDL	152.62	152.62	14.18	22.34	BDL	0.19	18.01	21.84	135.00	13.37	7.01	0.49
West Tripura	Simna	DW	7.48	149.40	BDL	77.66	BDL	36.63	36.63	21.27	29.90	3.17	0.13	10.01	7.28	55.00	18.83	4.70	0.24
West Tripura	Tarapur	DW	7.63	206.20	BDL	106.80	BDL	85.47	85.47	24.82	11.65	BDL	0.10	16.01	6.06	65.00	14.23	7.17	10.07

**Chemical Quality of Water Samples Collected from GWMS of NER during November 2020
(Basic constituents & Fe)**

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S/cm}$ at 25°C)	Turbidity (NTU)	TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F ⁻	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K	Fe
						mg/L													
ASSAM																			
Kamrup	Agyathuri	DW	7.44	140.00	BDL	71.66	BDL	79.36	79.36	14.18	15.75	BDL	0.37	16.01	4.85	60.00	13.13	1.44	1.44
Kamrup	Bamunigaon	DW	7.85	176.50	0.10	90.24	BDL	85.47	85.47	14.18	26.56	BDL	0.33	20.02	9.70	90.00	10.96	4.95	1.77
Kamrup	Boko	DW	6.79	136.70	BDL	69.70	BDL	140.41	140.41	10.64	7.56	BDL	0.18	30.02	7.27	105.00	13.61	1.47	1.53
Kamrup	Chhaygaon	DW	7.39	336.00	BDL	175.20	BDL	238.09	238.09	14.18	6.41	BDL	0.40	50.04	15.75	190.00	6.35	1.73	2.29
Kamrup	Dirgheswari	DW	7.86	196.70	0.10	100.80	BDL	91.57	91.57	81.54	9.56	BDL	0.26	28.02	10.91	115.00	37.24	1.82	0.44
Kamrup	Dora Kahara	DW	7.58	529.70	BDL	270.80	BDL	268.61	268.61	39.00	23.39	BDL	0.36	30.02	32.75	210.00	36.30	13.85	2.01
Kamrup	Mirza	DW	7.23	84.38	0.20	43.25	BDL	67.15	67.15	17.73	11.99	BDL	0.17	16.01	3.63	55.00	13.45	2.62	2.15
Kamrup	Rangia	DW	8.08	416.00	BDL	215.40	BDL	219.78	219.78	21.27	32.33	BDL	0.44	30.02	19.40	155.00	19.05	36.82	0.54
Kamrup	Rani	DW	6.35	65.31	BDL	33.83	BDL	42.73	42.73	7.09	9.67	BDL	0.14	8.01	6.06	45.00	5.06	2.27	0.77
Kamrup	Rani II	DW	6.60	128.10	BDL	66.29	BDL	42.73	42.73	17.73	17.58	BDL	0.18	12.01	4.85	50.00	10.84	3.41	0.95
Kamrup	Sualkuchi	DW	7.49	1368.00	BDL	713.00	BDL	744.80	744.80	102.81	51.94	BDL	0.56	76.06	69.14	475.00	100.00	55.47	0.35
Kamrup	Agyathuri	DW	7.44	140.00	BDL	71.66	BDL	79.36	79.36	14.18	15.75	BDL	0.37	16.01	4.85	60.00	13.13	1.44	1.44
Kamrup	Bamunigaon	DW	7.85	176.50	0.10	90.24	BDL	85.47	85.47	14.18	26.56	BDL	0.33	20.02	9.70	90.00	10.96	4.95	1.77
TRIPURA																			
Khowai	45 Miles	DW	9.242	1673.00	0.00	912.60	33.00	885.21	918.21	141.80	12.31	1.63	5.40	30.02	12.12	125.00	467.12	5.68	0.66

ANNEXURE –XX(i)
Chemical Quality of Water Samples Collected from Kamrup urban during March 2020
(Basic constituents)

District	Location	Type of sample (EW or DW)	pH	EC ($\mu\text{S}/\text{cm}$) 25°C	Turbidity (NTU)	mg/L												
						TDS	CO_3^{-2}	HCO_3^{-1}	TA (as CaCO_3)	Cl^-	SO_4^{-2}	NO_3^{-1}	F^-	Ca^{+2}	Mg^{+2}	TH (as CaCO_3)	Na	K
Kamrup	Gurudwara	TW	8.140	483.60	0.21	229.00	BDL	207.40	207.40	17.73	1.27	BDL	2.30	28.00	17.01	140.00	16.55	5.01
Kamrup	Beltola	TW	8.170	482.60	BDL	230.60	BDL	189.10	189.10	28.36	1.52	BDL	0.20	24.00	18.23	135.00	18.27	4.62
Kamrup	Bakrapara	DW	7.910	285.95	BDL	136.52	BDL	170.80	170.80	56.72	BDL	BDL	0.22	54.00	7.29	165.00	12.16	8.08
Kamrup	Basistha	DW	8.200	605.20	BDL	291.10	BDL	122.00	122.00	17.73	7.25	BDL	0.87	16.00	8.50	75.00	18.15	9.87
Kamrup	Lakshmi Mandir	DW	8.179	213.70	BDL	102.50	BDL	152.50	152.50	67.36	BDL	BDL	0.32	46.00	12.15	165.00	18.22	3.57
Kamrup	Narengi	DW	7.411	565.80	0.10	270.50	BDL	91.50	91.50	127.62	BDL	BDL	0.44	16.00	31.59	170.00	20.81	12.71
Kamrup	Geeta Nagar	DW	8.100	631.20	BDL	301.50	BDL	176.90	176.90	148.89	BDL	BDL	0.29	64.00	19.44	240.00	35.02	5.44

ANNEXURE –XXI

Chemical Quality of Water Samples Collected from GWMS of NER during March2020 (Heavy metals and Uranium)

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →						← µg/L →				
ARUNACHAL PRADESH													
Changlang	Jairampur	Dug	BDL	0.0865	0.0026	BDL	0.0537	0.0914	0.0230	BDL	0.0178	0.1097	0.0006
Changlang	Namchik	Dug	BDL	0.0347	0.0032	BDL	1.4090	0.0142	0.0257	BDL	0.0178	0.1448	BDL
Changlang	Namphai	Dug	0.0008	0.0011	0.0102	0.0028	0.1517	BDL	0.0239	BDL	0.0555	0.0479	0.0065
Changlang	New Lisan Kharsang	Dug	0.0007	0.0509	0.0016	BDL	0.3837	0.0497	0.0101	BDL	0.0329	BDL	BDL
East Siang	Pasighat New	Dug	0.0009	0.0048	BDL	BDL	0.0179	BDL	0.0146	BDL	0.0224	BDL	BDL
East Siang	Ruksin	Dug	0.0011	0.1833	0.0005	BDL	0.0195	0.0351	0.0102	BDL	0.0205	BDL	0.0009
East Siang	Sika Baman Todee	Dug	0.0011	0.5132	0.0009	BDL	0.0128	0.2707	0.0046	BDL	0.0028	BDL	0.0346
Lakhimpur	Bomte	Dug	0.0013	0.0157	BDL	BDL	0.0161	BDL	0.0092	BDL	0.0115	0.2969	0.0031
Lakhimpur	Rajgarh	Dug	0.0017	0.0016	BDL	0.0079	0.0217	0.0506	0.0561	BDL	0.0150	0.2928	0.0148
Lohit	Lathow	Dug	BDL	0.0066	BDL	0.0053	0.8409	BDL	0.0561	BDL	0.1544	0.3361	0.0068
Lohit	Medo	Dug	BDL	0.0020	0.0066	0.0039	1.7918	0.0636	0.0349	BDL	0.0303	0.3572	0.0649
Lower Dibang Valley	Kangklong	Dug	BDL	0.0354	0.0014	0.0015	2.6732	0.0054	0.0827	BDL	0.0568	0.5576	0.0286
Lower Subansiri	Naharlagun I	Dug	0.0016	0.3904	0.0006	BDL	0.0189	0.2961	0.0064	BDL	0.0175	0.0606	0.2574
Lower Subansiri	Sonajuli	Dug	0.0017	0.6936	0.0011	BDL	0.0059	0.5957	0.0009	BDL	0.0081	BDL	BDL
Papumpare	Doimukh	Dug	0.0010	0.4514	0.0006	BDL	0.0214	0.1313	0.0211	BDL	0.0415	BDL	0.0229
Papumpare	Nirjuli Vill III A	Dug	0.0014	0.5257	0.0011	0.0011	0.0241	0.1733	0.1140	BDL	0.0415	BDL	0.0185
Papumpare	Nirjuli Vill III B	Dug	0.0015	1.0017	0.0006	BDL	0.0161	2.8941	0.0156	BDL	0.0051	BDL	BDL
Tirap	Borduria	Dug	0.0016	0.0438	0.0028	0.0039	2.2598	0.0180	0.0023	BDL	0.1003	2.2182	0.0042
Tirap	Deomali	Dug	BDL	0.1421	BDL	0.0013	0.0992	0.0400	0.0344	BDL	0.0528	0.3020	0.0023
Tirap	Hukanjuri	Dug	BDL	0.0281	0.0011	BDL	0.0637	0.0306	0.0237	BDL	0.0266	0.0094	0.0044
ASSAM													
Barpeta	Sarupeta	DW	BDL	0.0295	0.0004	0.0068	0.0930	7.1687	0.1182	BDL	0.0350	0.0528	0.6695
Barpeta	Sorbhog	DW	BDL	0.0153	BDL	0.0028	0.0376	0.5151	0.0760	BDL	0.0162	0.1996	0.2235
Biswanath	Behali	Dug	0.0013	0.4007	0.0009	BDL	0.0161	0.6782	0.0091	BDL	0.0102	BDL	0.0552
Biswanath	Bihupukhuri	Dug	0.0012	0.0938	0.0019	BDL	0.0256	0.0725	0.0501	BDL	0.0092	BDL	0.0141
Biswanath	Biswanath Ghat	Dug	0.0012	0.0277	0.0006	BDL	0.0148	0.2758	0.0355	BDL	0.0189	BDL	0.1860

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →						← µg/L →				
Biswanath	Helem	Dug	0.0012	1.0049	0.0010	BDL	0.0127	0.3379	0.0124	BDL	0.0144	0.0054	0.0303
Biswanath	Kheroni	Dug	0.0016	0.0372	0.0020	BDL	0.1997	0.0447	0.0586	BDL	0.0102	BDL	0.0096
Bongaigaon	Baitamari	DW	BDL	0.0218	BDL	0.0019	0.0593	0.6355	0.0491	BDL	0.0199	0.0677	0.0921
Bongaigaon	Bongaigaon New	DW	BDL	0.0408	BDL	0.0021	0.0515	0.0853	0.1297	BDL	0.0128	0.0358	0.0998
Bongaigaon	Manikpur	DW	BDL	0.3284	BDL	0.0009	0.1977	1.3181	0.0107	BDL	0.0074	0.0202	0.5410
Bongaigaon	Medhipara Deo	DW											
Bongaigaon	North Salmara	DW	BDL	1.3174	BDL	0.0009	0.0979	0.5776	0.0287	BDL	0.0081	0.4458	0.0336
Cachar	Atalbasti/Ghungoor	Dug	0.0011	0.1212	0.0019	0.0044	0.0489	0.2479	0.2263	BDL	0.0435	2.4956	0.0508
Cachar	Badribasti	Dug	0.0016	1.1437	0.0304	0.0187	0.2552	0.8882	2.7815	BDL	0.2759	18.3282	1.1437
Cachar	Borjalinga	Dug	BDL	0.2384	0.0008	0.0026	0.0478	0.6709	0.0095	BDL	0.0210	0.2586	0.0062
Cachar	Borkhola	Dug	BDL	0.5125	0.0011	0.0035	0.0266	1.0834	0.0852	BDL	0.0305	0.3006	0.0112
Cachar	Chaltabasti/Kathaltila	Dug	NS	NS	NS	NS	NS	0.5990	NS	NS	NS	NS	BDL
Cachar	Dargakona	Dug	0.0006	0.1873	0.0022	0.0046	0.0442	0.5481	0.0865	BDL	0.0258	0.4943	0.0286
Cachar	Digharkhal	Dug	0.0010	2.7268	0.0075	0.0043	0.3699	5.4934	0.1511	BDL	0.0496	1.2672	0.0692
Cachar	Dwarbond	Dug	BDL	0.2455	0.0042	0.0047	0.0436	0.4206	0.0762	BDL	0.0444	0.6949	0.1815
Cachar	Fulertol	Dug	BDL	0.7006	0.0038	0.0020	0.0297	0.2505	0.0412	BDL	0.0343	0.2167	0.0178
Cachar	Kalain	Dug	BDL	0.4813	0.0032	0.0025	0.1373	0.5192	0.0724	BDL	0.1068	0.3912	0.0470
Cachar	Katigora	Dug	BDL	0.2678	0.0022	0.0044	0.0769	0.2030	0.0525	BDL	0.0545	0.2701	0.0147
Cachar	Moinarbond	Dug	BDL	0.6016	0.0009	0.0012	0.0193	71.2933	0.0425	BDL	0.0306	0.2911	0.0786
Cachar	Nagdirgram	Dug	BDL	0.1130	BDL	0.0007	BDL	0.3751	0.0275	BDL	0.0064	0.0092	0.0994
Cachar	Palanghat	Dug	0.0016	1.2270	0.0019	0.0020	0.0185	9.3309	0.0325	BDL	0.0320	0.1539	0.0711
Cachar	Poilapul	Dug	0.0008	0.4775	0.0019	0.0044	0.0227	0.3408	0.1099	BDL	0.0201	0.8082	0.0353
Cachar	Razabazar	Dug	BDL	0.2268	0.0032	0.0020	0.0182	0.8324	0.0637	BDL	0.0288	0.2091	0.0163
Cachar	Shivachal	Dug											
Cachar	Shivtila	Dug	0.0177	0.6918	0.0303	0.0348	0.2238	1.5008	3.4914	BDL	0.3442	17.4533	0.8243
Cachar	Tarapur	Dug	0.0016	0.5123	0.0258	0.0195	0.1269	0.7459	2.8568	BDL	0.2880	18.1297	0.9794
Chirang	Bijni	DW	NS	NS	NS	NS	NS	1.3460	NS	NS	NS	NS	0.0112
Darrang	Mangaldoi	DW	NS	NS	NS	NS	NS	4.0410	NS	NS	NS	NS	0.6051
Dhemaji	Bijoypur	Dug	0.0015	0.0260	0.0012	0.0016	0.0182	0.0475	0.0035	BDL	0.0261	0.0164	0.0042
Dhemaji	Dhemaji	Dug	0.0012	0.0047	0.0007	0.0115	0.2757	BDL	0.0268	BDL	0.0089	0.9088	BDL
Dhemaji	Dipa	Dug	0.0021	0.0082	0.0009	BDL	0.0306	0.1513	0.0157	BDL	0.0208	0.0488	0.0428
Dhemaji	Jonai Murkongselek	Dug	0.0010	0.1851	0.0006	BDL	0.1607	BDL	0.0124	BDL	0.0205	BDL	0.0024
Dhemaji	Telem	Dug	0.0010	0.5210	0.0021	BDL	0.0147	0.2181	0.0024	BDL	0.0235	BDL	0.0017
Dhubri	Bilasipara	DW	BDL	0.5772	BDL	BDL	1.2799	0.1773	0.0159	BDL	0.0446	0.0269	0.0462
Dhubri	Chapar	DW	BDL	0.0052	BDL	0.0114	0.0304	0.0514	0.0582	BDL	0.0341	0.3827	0.0256

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →						← µg/L →				
Dhubri	Dakin Tokesara Part IV	DW	BDL	0.3125	0.0011	BDL	0.0465	0.0871	0.0313	BDL	0.0283	0.0709	0.0530
Dhubri	Dhubri Town	DW	BDL	0.1865	0.0007	0.0032	1.1059	3.3921	0.0262	BDL	0.0525	0.3881	4.5627
Dhubri	Shapamari Beat	DW	BDL	0.0088	BDL	0.0187	0.0444	0.0245	BDL	BDL	0.0243	0.6567	0.0067
Dibrugarh	Azargurigaon	Dug	BDL	0.0067	0.0017	0.0031	4.9695	0.6286	0.0248	BDL	0.0125	0.2784	0.4223
Dibrugarh	Barbaruah	Dug	0.0006	0.0142	0.0008	0.0029	0.4515	0.2050	0.0601	BDL	0.0233	0.3241	0.3191
Dibrugarh	Chabua	Dug	BDL	0.0039	BDL	0.0024	0.1335	0.2569	0.1710	BDL	0.0453	0.0317	1.4533
Dibrugarh	Dikom	Dug	0.0005	0.5186	BDL	0.0036	0.1937	0.9658	0.0162	BDL	0.0804	0.4714	0.0169
Dibrugarh	Lepatkata	Dug	0.0053	0.0109	0.0011	0.0230	2.0222	0.2891	0.0301	BDL	0.1736	0.8729	0.0187
Goalpara	Damra	DW	BDL	0.0853	0.0044	0.0020	0.1020	0.1091	0.0462	BDL	0.0259	BDL	0.0093
Goalpara	Dudhnoi	DW	BDL	0.1990	0.0093	0.0022	0.0445	0.1279	0.0413	BDL	0.0402	0.4669	BDL
Goalpara	Rongjuli	DW	BDL	0.4309	0.0115	BDL	0.0818	5.0063	0.0015	BDL	0.0214	BDL	0.0028
Golaghat	Bokakhat	Dug	BDL	0.1121	0.0014	0.0018	0.0699	0.1743	0.0145	BDL	0.0226	0.0353	0.0061
Golaghat	Garampani	Dug	0.0008	0.6966	0.0423	0.0117	0.7500	0.3888	0.1968	0.0228	0.3853	2.7603	0.0150
Golaghat	Haldibari Buri Ai	Dug	BDL	0.3880	0.0014	0.0029	0.6000	0.2908	0.0233	0.0260	0.0588	0.7850	4.6715
Golaghat	Oating	Dug	0.0010	0.0039	0.0042	0.0026	0.0226	0.0468	0.0156	BDL	0.0227	0.0971	0.0398
Hailakandi	Burakhai	Dug	BDL	0.5715	0.0016	0.0027	0.0151	2.7877	0.0537	BDL	0.0153	0.1285	0.0280
Hailakandi	Katlicherra New	Dug	NS	NS	NS	NS	NS	0.2560	NS	NS	NS	NS	0.6084
Hailakandi	Lakhinagar	Dug	NS	NS	NS	NS	NS	0.5990	NS	NS	NS	NS	0.1666
Hailakandi	Lala	Dug	NS	NS	NS	NS	NS	0.4280	NS	NS	NS	NS	0.0976
Hailakandi	Monachera	Dug	BDL	0.2837	0.0042	0.0024	0.0420	0.3349	0.0362	BDL	0.0426	0.3080	0.0302
Hailakandi	Panchgram New	Dug	NS	NS	NS	NS	NS	0.5990	NS	NS	NS	NS	1.2202
Jorhat	Bijay Nagar	Dug	BDL	0.0780	0.0014	BDL	0.0871	0.6134	0.0178	BDL	0.0069	0.0021	3.1215
Jorhat	Cinemora	Dug	BDL	2.1242	0.0067	0.0014	0.1333	0.4559	0.0233	0.0463	0.0263	0.2859	0.0109
Jorhat	Gatisunga	Dug	BDL	0.9493	0.0016	0.0009	0.0197	0.5534	0.0122	BDL	0.0098	0.1559	0.0489
Jorhat	Kokilamukh	Dug	BDL	0.6168	0.0096	BDL	0.1577	1.3286	0.0156	BDL	0.0110	0.0045	0.1435
Jorhat	Kunwari Pukhuri	Dug	BDL	0.2025	0.0010	0.0016	0.1089	0.4077	0.0044	BDL	0.0258	0.1110	0.0043
Jorhat	Lichubari	Dug	BDL	0.5124	0.0023	0.0013	0.0935	0.4992	0.0511	0.0105	0.0424	0.1555	0.0056
Jorhat	Meleng Kaparadharia	Dug	BDL	0.0125	0.0054	0.0028	0.0755	0.0527	0.0189	BDL	0.0331	0.0439	0.0560
Jorhat	Titabor	Dug	BDL	1.1116	0.0014	0.0024	0.0539	0.4138	0.0167	0.0710	0.0684	0.3313	0.1631
Kamrup	Bamunigaon	DW	0.0015	0.1782	0.0355	0.0012	0.0577	0.4315	0.0149	BDL	0.0549	0.5801	0.0011
Kamrup	Boko	DW	0.0018	0.2141	0.0419	0.0027	0.0418	0.8419	0.0283	BDL	0.0468	0.4469	0.0532
Kamrup	Chhaygaon	DW	0.0018	1.8760	0.0409	0.0030	0.0665	0.8503	0.0417	BDL	0.0750	0.3802	0.1538
Kamrup	Hajo	DW	BDL	1.0192	0.0030	BDL	0.1465	14.9277	0.0082	BDL	0.0386	0.0794	0.0908
Kamrup	Khetri II	DW	0.0032	0.1724	0.0046	0.0120	0.4810	0.1243	0.0280	0.0069	0.1314	0.8193	0.0315
Kamrup	Mirza	DW	BDL	0.5043	0.0110	0.0052	0.0427	0.0539	0.0064	BDL	0.0451	0.8307	0.0700

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →					← µg/L →					
Kamrup	Rani	DW	0.0014	0.2384	0.0092	0.0150	0.1729	0.1394	0.0550	BDL	0.1281	4.0077	0.0146
Kamrup	Sonapur	DW	0.0006	1.1828	0.0016	BDL	0.3817	0.2454	0.1086	BDL	0.0565	0.1903	0.0152
Kamrup	Sualkuchi	DW	BDL	3.8689	0.0024	0.0031	0.0391	7.8149	0.0185	BDL	0.0603	0.0761	5.6651
Kamrup	Topatoli	DW	0.0009	0.0380	0.0021	0.0023	0.1620	0.0649	0.0304	BDL	0.0496	0.1362	0.0130
Karbi Anglong	Adarakha Tiniali	Dug	BDL	3.2930	0.0026	0.0021	0.2587	1.2961	0.0316	BDL	0.0348	0.0360	0.1747
Karbi Anglong	Balipathar	Dug	0.0009	0.1795	0.0089	0.0093	0.0356	0.1974	0.3673	BDL	0.0508	1.4068	0.0424
Karbi Anglong	Boithalangsu	DW	BDL	0.0817	0.0019	0.0050	0.0969	0.0488	0.0133	BDL	0.0456	0.0093	0.0099
Karbi Anglong	Bokajan I	Dug	BDL	0.0589	0.0201	0.0025	0.9093	0.0912	0.0231	0.0286	0.0680	0.5429	0.0651
Karbi Anglong	Bokajan II	Dug	BDL	0.0077	BDL	0.0014	0.0768	0.1279	0.0147	0.0434	0.0164	0.1103	0.0076
Karbi Anglong	Dengaon	DW	BDL	0.0926	0.0013	0.0013	0.1128	0.3439	0.0090	BDL	0.0128	0.0289	0.0046
Karbi Anglong	Deopani	Dug	BDL	0.5834	0.0015	0.0015	0.1106	0.3336	0.0243	BDL	0.0203	0.0842	0.6244
Karbi Anglong	Dillai	Dug	0.0005	0.2292	0.0070	0.0040	1.3019	0.1292	0.0111	0.0098	0.0434	0.2217	0.0697
Karbi Anglong	Diphu	Dug	BDL	0.1767	BDL	0.0020	0.1724	0.5702	0.0111	BDL	0.0253	0.0954	0.3980
Karbi Anglong	Dokmoka	DW	0.0009	0.0153	0.0012	0.0027	0.0870	0.1685	0.0363	BDL	0.0248	0.0887	0.6160
Karbi Anglong	Ghouria Dhubi	Dug	BDL	0.3928	0.0121	0.0016	0.1431	0.5070	0.0604	0.0028	0.0557	0.1141	0.0182
Karbi Anglong	Hidipi	Dug	BDL	0.0415	0.0015	0.0035	0.1549	0.2836	0.0123	BDL	0.0513	0.1152	0.1134
Karbi Anglong	Kalonga	DW	BDL	0.1266	0.0079	0.0027	0.1532	0.1003	0.0555	BDL	0.0661	0.1147	0.0230
Karbi Anglong	Kheronighat	DW	0.0007	0.0895	0.0157	0.0014	1.5808	0.1501	0.0414	BDL	0.1798	4.0194	0.0578
Karbi Anglong	Lahorijan	Dug	0.0006	0.1399	0.0103	0.0344	0.5523	0.1336	0.0078	BDL	0.1427	0.5783	0.0947
Karbi Anglong	Lakhijan	Dug	BDL	0.0225	0.0005	0.0018	0.0795	0.1982	0.0135	BDL	0.0247	0.0940	0.0838
Karbi Anglong	Langhing	DW	0.0007	0.0027	BDL	0.0028	0.0778	0.3189	0.0202	BDL	0.0166	0.0326	0.3778
Karbi Anglong	Manikpur	DW	BDL	1.5346	0.0024	0.0017	0.2027	0.4181	0.0152	BDL	0.0340	BDL	0.1054
Karbi Anglong	Manja	Dug	BDL	0.2632	0.0088	0.0038	0.1277	0.5118	0.0400	BDL	0.0531	0.0449	0.0095
Karbi Anglong	Mohendijua	Dug	BDL	0.0373	0.0016	0.0021	0.0542	0.1056	0.0328	0.0402	0.0188	0.1711	0.0054
Karbi Anglong	Saphapani	Dug	BDL	0.2584	0.0048	0.0028	0.2465	0.2439	0.0388	BDL	0.0393	0.1509	0.0487
Karbi Anglong	Silanijan	Dug	0.0017	0.3209	0.0122	0.0031	0.1777	0.4593	0.0767	0.0095	0.1529	0.6270	0.0235
Karimganj	Badarpur	Dug	BDL	1.1673	0.0020	0.0019	0.0542	0.3744	0.0525	BDL	0.0597	0.2263	0.0079
Karimganj	Dhaulia	Dug	NS	NS	NS	NS	NS	0.4280	NS	NS	NS	NS	0.0060
Karimganj	Hatikira	Dug	0.0006	1.7255	0.0023	0.0041	0.1416	1.2980	0.2486	BDL	0.0504	0.4695	0.0295
Karimganj	Kayasthagram	Dug	NS	NS	NS	NS	NS	0.9410	NS	NS	NS	NS	1.3468
Karimganj	Patharkandi	Dug	NS	NS	NS	NS	NS	0.9410	NS	NS	NS	NS	1.1554
Karimganj	R.K. Nagar	Dug	BDL	0.1511	0.0029	0.0048	0.0306	0.2497	0.0250	BDL	0.0370	0.3067	0.0308
Karimganj	Sarkaribari	Dug	NS	NS	NS	NS	NS	1.6240	NS	NS	NS	NS	0.2889
Lakhimpur	Amguri	Dug	0.0013	0.1130	0.0010	0.0113	0.0325	0.1555	0.0101	BDL	0.8682	BDL	0.2146
Lakhimpur	Bhogpur Charali	Dug	0.0007	2.2170	0.0009	BDL	0.0103	2.8471	0.0057	BDL	0.0058	BDL	0.0389

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →						← µg/L →				
Lakhimpur	Bihpuria	Dug	0.0009	0.2194	0.0005	BDL	0.0116	0.4292	0.0064	BDL	0.0053	BDL	0.0078
Lakhimpur	Dolanghat Chara	Dug	0.0015	2.3039	0.0009	BDL	0.0146	3.2019	0.0124	BDL	0.0230	BDL	0.1454
Lakhimpur	Harmoti	Dug	0.0016	0.0034	0.0006	BDL	0.0168	0.0014	0.0175	BDL	0.0122	0.1976	0.0017
Lakhimpur	Koilamari	Dug	0.0009	1.1597	0.0031	BDL	0.0142	0.2384	0.0057	BDL	0.0584	BDL	0.1541
Lakhimpur	Laluk	Dug	0.0014	0.0241	0.0007	BDL	0.0230	0.1773	0.0129	BDL	0.0081	BDL	0.2117
Lakhimpur	Milanpur	Dug	0.0017	0.0171	0.0010	0.0071	0.0583	BDL	0.1279	BDL	0.0173	0.0536	BDL
Lakhimpur	Mori Dirgha	Dug	0.0038	0.0281	0.0009	BDL	0.0554	0.1130	0.0080	BDL	0.0152	0.1522	0.0040
Lakhimpur	Moridhol	Dug	0.0012	2.1069	0.0012	BDL	0.0094	1.6025	0.0102	BDL	0.0081	0.0815	0.0028
Lakhimpur	Panigaon	Dug	0.0009	3.5763	0.0011	BDL	0.0227	15.7401	0.0124	BDL	0.0068	BDL	0.1239
Lakhimpur	Pathalipam	Dug	0.0010	0.0422	0.0010	0.0450	0.0373	0.0470	0.0391	BDL	0.0191	7.4711	0.0031
Lakhimpur	Pathalipam II	Dug	0.0014	3.1295	0.0012	BDL	0.0202	6.3843	0.0135	BDL	0.0015	BDL	BDL
Lakhimpur	Santipur	Dug	0.0014	0.0026	0.0006	BDL	0.0116	0.6254	0.0091	BDL	0.0127	0.0941	0.0657
Morigaon	Baghara	DW	BDL	0.8108	0.0015	BDL	0.0118	2.1624	0.0069	BDL	0.0033	BDL	0.2773
Morigaon	Basanaghat	DW	0.0006	0.0037	0.0017	0.0061	0.0381	2.3909	0.0210	BDL	0.0177	0.0167	0.7955
Morigaon	Deosal	DW	BDL	0.0423	0.0023	0.0019	0.1372	0.0728	0.0276	BDL	0.0414	0.1527	0.0098
Morigaon	Jagiroad	DW	BDL	0.0913	0.0032	0.0043	0.4097	0.0852	0.1206	BDL	0.0850	0.3364	0.0193
Morigaon	Kumoi	DW	BDL	0.4861	0.0016	0.0036	0.1059	0.7674	0.0210	BDL	0.0096	BDL	0.7236
Morigaon	New Nellie	DW	0.0015	0.0363	0.0015	0.0017	0.8904	0.0252	0.0264	BDL	0.0480	0.2452	0.0100
Morigaon	Silsang Namghar	DW	BDL	0.1055	0.0029	0.0039	0.2159	0.3821	0.0152	BDL	0.0317	0.0211	0.0107
Nagaon	Amsoi	DW	0.0022	0.0912	0.0037	0.0040	0.0956	0.4345	1.1884	BDL	0.0380	1.7594	0.2601
Nagaon	Bamuni	DW	BDL	0.1090	0.0023	0.0011	0.1722	0.3809	0.0251	BDL	0.0141	0.0579	0.1087
Nagaon	Bamuni Karbigaon	DW	BDL	0.4406	0.0027	0.0026	0.1186	0.2385	0.0932	BDL	0.0498	0.0338	0.0087
Nagaon	Bichamari	DW	BDL	0.0572	0.0016	0.0081	0.0710	0.1769	0.0184	BDL	0.0813	0.0196	1.1464
Nagaon	Bordowa	DW	BDL	0.6825	0.0017	0.0019	0.0777	2.0483	0.1936	BDL	0.0485	BDL	0.0492
Nagaon	Dhing	DW	BDL	0.1635	0.0011	0.0035	0.1424	0.9802	0.0849	BDL	0.0173	0.0058	0.5975
Nagaon	Gomotha	DW	0.0006	0.0711	0.0028	0.0055	0.3611	4.8945	0.0326	BDL	0.0587	0.2652	0.9761
Nagaon	Gosaibari	DW	BDL	0.0213	0.0015	0.0058	0.0663	0.2861	0.0056	BDL	0.0117	BDL	0.1453
Nagaon	Haldiati Sub Bt	DW	BDL	0.0369	0.0009	0.0006	0.0650	0.0382	0.0400	BDL	0.0121	0.0677	0.0114
Nagaon	Hatenibatha	DW	BDL	4.1598	0.0023	0.0005	0.1199	2.1974	0.0029	BDL	0.0209	BDL	1.4480
Nagaon	Juraphukhuri	DW	BDL	0.0060	0.0017	0.0057	0.0528	0.9540	0.0248	BDL	0.0182	0.0114	0.5350
Nagaon	Kathiatoli	DW	BDL	6.3186	0.0060	0.0023	0.4031	0.6305	0.0239	BDL	0.0272	BDL	0.0920
Nagaon	Kondoli	DW	BDL	0.3196	0.0027	0.0044	0.2424	0.6689	0.0115	BDL	0.0271	0.0333	0.0538
Nagaon	Lanka	DW	BDL	0.1584	0.0009	0.0040	0.0984	0.0724	0.0043	BDL	0.0556	0.0304	1.6475
Nagaon	Lengtang TE	DW	BDL	0.1424	0.0036	0.0033	0.3049	0.2594	0.0449	BDL	0.1374	0.3827	0.0223
Nagaon	Lumding	DW	BDL	0.0028	0.0015	0.0061	0.0502	0.6095	0.0095	BDL	0.0284	0.0118	0.6465

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →					← µg/L →					
Nagaon	Naderigaon	DW	BDL	5.2656	0.0145	0.0032	0.1648	2.9831	0.0913	BDL	0.0283	BDL	0.8432
Nagaon	Pahukata	DW	BDL	0.1997	0.0017	0.0031	0.1877	1.6023	0.0326	BDL	0.0404	0.0714	1.1221
Nagaon	Phulaguri	Dug	BDL	0.0249	0.0033	0.0011	0.1315	4.5571	0.0200	BDL	0.0172	0.3038	1.1563
Nagaon	Silghat	DW	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nagaon	Sulung PO	DW	BDL	0.0225	0.0022	0.0038	0.7499	0.2147	0.1810	BDL	0.0531	0.0978	3.3369
Nagaon	Telia Bebejia	DW	BDL	0.8214	0.0027	0.0014	0.0740	1.0671	0.0478	BDL	0.0156	0.0221	1.1259
Nagaon	Zebra Khua	DW	BDL	0.0652	0.0020	0.0021	0.2065	0.0323	0.0016	BDL	0.0231	0.0062	0.0034
Nalbari	Daulasal	DW	NS	NS	NS	NS	NS	1.3460	NS	NS	NS	NS	0.3378
Nalbari	Tihu	DW	BDL	0.0502	BDL	0.0008	0.0300	1.0074	0.0018	BDL	0.0129	0.0633	0.0039
Sibsagar	Bandarmari	Dug	BDL	0.9318	0.0083	0.0025	0.0243	2.0123	0.0133	BDL	0.0213	0.0531	0.3101
Sibsagar	Sapekhati	Dug	BDL	0.0088	BDL	0.0023	0.0696	1.1099	0.0231	0.0009	0.0232	0.0832	0.2814
Sonitpur	Balipara	Dug	0.0016	0.0063	0.0008	BDL	0.0311	0.5672	0.0173	BDL	0.0075	0.0040	0.1939
Sonitpur	Barchola	Dug	0.0011	0.4008	0.0017	0.0031	0.0446	0.1785	0.0234	BDL	0.0297	BDL	0.0254
Sonitpur	Dhekiajuli	Dug	0.0014	0.0900	0.0010	BDL	0.0262	0.3672	0.0173	BDL	0.0196	BDL	0.0081
Sonitpur	Garumari/Ghoramari	Dug	0.0017	0.1287	0.0011	BDL	0.0876	0.0785	0.0173	BDL	0.0250	0.2845	0.0321
Sonitpur	Porua chariali, Tezpur	Dug	0.0023	0.0180	0.0019	BDL	0.0422	0.6298	0.0611	BDL	0.0214	0.0529	0.0041
Sonitpur	Thelamara	Dug	0.0036	0.0005	0.0010	0.0012	0.0690	1.3297	0.0744	BDL	0.0209	0.0203	0.3719
Sonitpur	Tupia	Dug	0.0018	0.2602	0.0022	BDL	0.0297	0.4397	0.0173	BDL	0.0091	0.0163	0.0675
Tinsukia	Borgolai	Dug	BDL	0.7647	0.0789	0.0053	0.6929	1.3183	2.9364	BDL	0.4369	1.2523	0.0798
Tinsukia	Digboi	Dug	BDL	0.0224	0.0008	0.0006	0.2814	0.1594	0.0119	BDL	0.0235	0.0411	0.0972
Tinsukia	Jagun	Dug	BDL	0.1162	0.0017	0.0021	0.5479	0.1559	0.0055	BDL	0.0847	0.2782	BDL
Tinsukia	Jaipur Naharjan	Dug	BDL	0.4967	0.0014	BDL	0.1169	0.6076	0.0173	BDL	0.0063	BDL	0.1307
Tinsukia	KumsangSelenguri	Dug	BDL	0.9699	0.0005	0.0007	0.0713	0.1843	0.0076	BDL	0.0231	BDL	0.0371
Tinsukia	Lekhapani	Dug	0.0031	0.1245	0.0206	0.0033	0.3767	0.3604	0.1137	BDL	0.0702	1.3924	0.0584
Tinsukia	Panitola	Dug	BDL	0.0465	0.0006	0.0026	0.0659	0.2722	0.0848	BDL	0.0487	0.0509	0.8885
Tinsukia	Sadiya	Dug	BDL	0.0207	BDL	BDL	0.0704	0.0281	0.0322	BDL	0.0062	BDL	0.0359
Tinsukia	Tinsukia	Dug	BDL	0.3156	0.0025	0.0045	0.2549	0.1246	0.1822	BDL	0.0723	0.5425	0.1175
Tinsukia	Tirap Gate	Dug	BDL	0.1811	0.0078	0.0011	0.9790	1.5047	0.0119	BDL	0.0328	0.1804	0.0023

MEGHALAYA

East Garo Hills	Darugiri	DW	0.0009	0.4632	0.0079	0.0046	0.2456	0.1099	0.0643	BDL	0.0454	2.1968	0.0686
East Garo Hills	Narringe	DW	BDL	0.0624	0.0075	0.0025	0.0618	0.0739	0.0715	BDL	0.0334	1.3765	0.0258
East Garo Hills	Rongjeng	DW	0.0014	0.2705	0.0074	0.0083	0.3990	0.3034	1.0726	BDL	0.1492	5.5352	0.0308
East Garo Hills	Samanda Megapagre	DW	0.0009	0.0439	0.0091	0.0016	0.0251	0.0448	0.0281	BDL	0.0260	1.8727	0.2761
East Garo Hills	Songsak	DW	0.0008	0.1682	0.0028	0.0084	0.0675	0.1139	0.4048	0.0823	0.0731	3.7115	0.0520

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →					← µg/L →					
East Khasi Hills	Golf Links	Dug well	BDL	0.1500	0.0010	0.0015	0.0800	0.0927	0.0117	BDL	0.0412	0.1888	0.0062
East Khasi Hills	Lr.Lachaumiere	Dug well	BDL	0.0971	BDL	BDL	0.0217	0.1592	0.0117	BDL	0.0235	0.0366	0.0087
East Khasi Hills	Mawpat	Dug well	NS	NS	NS	NS	NS	0.7700	NS	NS	NS	NS	0.0884
East Khasi Hills	Nongmynsong	Dug well	NS	NS	NS	NS	NS	1.4530	NS	NS	NS	NS	0.2122
North Garo Hills	Dainadubi	DW	BDL	0.2383	0.0107	0.0021	0.0343	0.2239	0.0848	BDL	0.0308	0.2794	0.0162
North Garo Hills	Rongmil	DW	0.0014	0.0311	0.0153	0.0075	0.0605	0.1129	0.0365	BDL	0.0448	2.7339	0.0160
Ri-Bhoi	Byrnihat	Dug well	BDL	0.5640	0.0014	BDL	2.9321	0.3228	0.0450	BDL	0.1290	5.1553	0.0293
Ri-Bhoi	Pahanmawlier	Dug well	0.0010	0.0085	0.0008	0.0349	0.4403	0.0896	0.0237	BDL	0.0424	1.5167	0.0837
SW Garo	Ampati	DW	0.0006	2.1205	0.0081	0.0034	0.0618	0.6438	0.0558	BDL	0.0363	2.0303	0.0410
SW Garo	Betasing	DW	0.0009	0.2820	0.0213	0.0018	0.0233	0.3089	0.0184	BDL	0.0111	0.5643	0.0007
SW Garo	Garobandha	DW	BDL	0.2623	0.0044	0.0064	0.0460	0.2994	0.0293	BDL	0.0406	1.5308	0.0123
SW Garo	Mahindraganj	DW	0.0012	0.1977	0.0017	0.0054	0.0621	0.2307	0.0353	BDL	0.0323	2.7230	0.0607
SW Garo	Zikzak	DW	0.0021	0.1714	0.0444	0.0042	0.0324	0.5110	0.0208	BDL	0.0240	0.9657	0.0458
West Garo Hills	Asanang	DW	0.0010	0.0208	0.0031	0.0062	0.0426	0.0531	0.0401	0.1571	0.0742	3.1626	0.0138
West Garo Hills	Dalu	DW	BDL	0.1115	0.0019	0.0012	2.0009	0.0068	0.2019	BDL	0.0318	4.8336	0.0461
West Garo Hills	Damjongre	DW	0.0017	0.7561	0.0395	0.0034	0.0967	0.5591	0.1012	BDL	0.0469	0.9966	0.0174
West Garo Hills	Phulbari	DW	0.0065	0.0613	0.0393	0.0034	0.0521	0.3859	0.0545	BDL	0.0317	2.1148	0.0126
West Garo Hills	Purakhasia	DW	0.0005	1.8530	0.0031	0.0048	0.0489	0.1507	0.0208	0.0160	0.0446	1.1166	0.0085
West Garo Hills	Rajabala	DW	0.0028	0.2613	0.0546	0.0061	0.0367	0.5117	0.2090	0.0024	0.0655	1.1120	0.0428
West Garo Hills	Rongram	DW	0.0030	0.0588	0.0409	0.0034	0.0243	0.3436	0.0836	BDL	0.0244	1.8578	0.2003
West Garo Hills	Selsella	DW	0.0029	0.0789	0.0586	0.0034	0.0565	0.4538	0.0589	BDL	0.0507	1.4797	0.0238
West jaintia Hills	Jowai New	Dug Well	NS	NS	NS	NS	NS	0.5990	NS	NS	NS	NS	0.1844

NAGALAND

Dimapur	7th Mile Colony	Dug	BDL	0.4343	0.0026	0.0296	0.0971	0.4044	0.0075	BDL	0.0619	0.0613	0.0501
Dimapur	Diphupar	Dug	BDL	0.4231	0.0032	0.0319	0.1125	0.3682	0.0087	0.0005	0.0897	0.1130	0.0530

TRIPURA

Dhalai	Abhanga New	Dug Well	BDL	0.1965	0.0008	0.0076	0.0335	1.2698	0.0052	BDL	0.2243	BDL	0.0280
Dhalai	Ambassa	Dug Well	BDL	0.0361	0.0005	0.0029	0.0683	0.1458	0.1425	BDL	0.0721	0.0170	0.4888
Dhalai	Chawmanu	Dug Well	BDL	2.3401	0.0011	BDL	0.0215	1.1958	0.0441	BDL	0.0314	BDL	0.0161
Dhalai	Darlang Basti	Dug Well	BDL	0.0738	BDL	0.0022	0.0107	0.3752	0.0117	BDL	0.0629	0.0006	0.1232
Dhalai	Durga Cherra	Dug Well	BDL	1.6297	0.0017	0.0013	0.0275	0.4965	0.0311	BDL	0.1006	0.1719	0.0171
Dhalai	Durga Chowmuhani	Dug Well	0.0007	0.1107	0.0083	BDL	0.0564	0.2260	0.0428	BDL	0.0597	BDL	0.0624
Dhalai	J.M Complex,	Dug Well	BDL	0.4849	0.0031	BDL	0.0237	0.2716	0.0104	BDL	0.0491	BDL	0.0233

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →						← µg/L →				
	Chailengta												
Dhalai	Kali Kumar Para	Dug Well	BDL	0.3634	0.0006	BDL	0.0253	0.8470	0.0078	BDL	0.0131	BDL	0.0357
Dhalai	Kamalpur	Dug Well	BDL	0.4282	0.0008	0.0006	0.0305	0.3253	0.0052	BDL	0.0258	BDL	0.0045
Dhalai	Lalchari	Dug Well	BDL	0.0474	0.0027	0.0010	0.0217	0.0964	0.0104	0.0051	0.0575	0.0539	0.0149
Dhalai	Manu New	Dug Well	BDL	2.5624	0.0038	BDL	0.0375	0.0896	0.0143	BDL	0.1086	BDL	0.1410
Dhalai	Nuna Cherra	Dug Well	BDL	0.2993	0.0021	0.0433	0.0411	0.2090	0.0065	0.1124	0.8801	0.0584	0.0082
Dhalai	Sindhu Kumar	Dug Well	BDL	1.9390	0.0010	0.0009	0.0237	0.5761	0.0246	BDL	0.0381	0.0008	0.1439
Gomati	Amarpur	Dug Well	0.0047	0.1283	0.0051	0.0172	0.0419	0.3934	0.0130	BDL	0.0352	0.3381	0.0090
Gomati	Bampur	Dug Well	0.1848	0.2151	0.0150	0.0593	0.0866	0.4632	0.0544	0.0698	0.1256	6.6137	0.0233
Gomati	Dewanbari	Dug Well	0.0057	0.0446	0.0022	0.0057	0.0444	0.1128	0.1270	0.2656	0.0380	0.3689	0.0067
Gomati	Dhawajnagar	Dug Well	0.0015	0.5343	0.0097	0.0135	0.0716	0.5254	0.0181	BDL	0.0400	0.1721	0.0046
Gomati	Gorjee Bazar	Dug Well	0.0017	0.5671	0.0104	0.0143	0.0653	0.4884	0.0170	BDL	0.0446	0.1961	0.0054
Gomati	Jatanbari	Dug Well	0.0617	0.1016	0.0046	0.0170	0.0809	0.2860	0.1997	0.4754	0.0550	2.1058	0.0456
Gomati	Joingkami	Dug Well	0.0059	0.0448	0.0022	0.0055	0.0470	0.1272	0.1110	0.2500	0.0362	0.3622	0.0065
Gomati	Kankraban	Dug Well	0.0019	0.5562	0.0100	0.0152	0.0658	0.5363	0.0144	BDL	0.0476	0.2562	0.0049
Gomati	Noabari-2	Dug Well	0.0118	0.0524	0.0025	0.0070	0.0878	0.1641	0.1358	0.2889	0.0480	0.8901	0.0150
Gomati	Twidu	Dug Well	BDL	BDL	BDL	BDL	BDL	BDL	0.0026	0.0044	BDL	BDL	0.0009
Khowai	45 Miles	Dug Well	BDL	0.1387	BDL	BDL	0.0054	4.5727	0.0405	BDL	0.0232	0.1097	0.1660
Khowai	Jamadar Para	Dug Well	BDL	0.0144	0.0007	0.0010	0.0493	0.1101	0.1919	BDL	0.0344	0.0034	0.0084
Khowai	Kalyanpur	Dug Well	BDL	0.4648	0.0024	0.0095	0.0280	0.1424	0.0209	BDL	0.2345	BDL	0.0843
Khowai	Kathalbari	Dug Well	BDL	0.0240	0.0009	0.0098	0.0346	0.1583	0.0248	0.0699	0.0697	0.2455	0.0526
Khowai	Khowai	Dug Well	BDL	0.1600	BDL	BDL	0.0547	0.7707	0.0065	BDL	0.0307	BDL	0.0026
Khowai	Pachim Howaibari	Dug Well	0.0012	0.4982	0.0865	0.0009	0.1780	0.1062	0.1553	BDL	0.5736	0.1332	0.0369
Khowai	Tuimadhu	Dug Well	BDL	0.1928	0.0010	BDL	0.0101	0.1647	0.0196	BDL	0.0318	BDL	0.0462
North Tripura	Ananda Bazar	Dug Well	BDL	0.5631	0.0010	BDL	0.0112	0.9619	0.0209	BDL	0.0299	BDL	0.0140
North Tripura	Baghbassa	Dug Well	BDL	0.6554	0.0014	0.0007	0.0154	0.7526	0.0222	BDL	0.0389	BDL	0.0084
North Tripura	Churaibari	Dug Well	BDL	0.0803	0.0034	0.0011	0.0260	0.2190	0.4386	BDL	0.0733	0.2246	0.0259
North Tripura	Dataram	Dug Well	BDL	0.5000	0.0010	BDL	0.0062	2.2263	0.0405	BDL	0.0104	0.0162	0.0937
North Tripura	Deocherra	Dug Well	BDL	0.0295	0.0012	0.0059	0.7266	0.1414	0.0235	BDL	0.0616	0.0728	0.0105
North Tripura	Dharmanagar	Dug Well	BDL	0.0294	0.0012	0.0059	0.7237	0.1363	0.0209	BDL	0.0595	0.0681	0.0099
North Tripura	Kanchanpur	Dug Well	0.0013	2.8078	0.0109	0.0008	0.0365	0.5896	0.0365	BDL	0.0747	BDL	0.0064
North Tripura	Khedacherra	Dug Well	BDL	0.4559	BDL	BDL	0.0068	0.4282	0.0052	BDL	0.0162	BDL	0.0452
North Tripura	Krishnapur	Dug Well	BDL	0.1293	0.0014	0.0008	0.0340	0.0618	0.0148	BDL	0.0384	0.1725	0.0113
North Tripura	Kunjanagar	Dug Well	BDL	0.0296	0.0013	0.0022	0.0217	0.2103	0.0081	0.0477	0.1075	0.2654	0.0078
North Tripura	Lalchhara	Dug Well	BDL	0.4400	0.0163	0.0012	0.0604	0.2248	0.0699	BDL	0.0899	0.0002	0.0662

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →					← µg/L →					
North Tripura	Laljuri	Dug Well	0.0040	0.0103	0.0028	BDL	0.0310	0.2502	0.0148	BDL	0.0474	BDL	0.0179
North Tripura	Naba Joypara (Naton Basti)	Dug Well	BDL	0.2079	0.0013	0.0028	0.0263	0.2315	0.0215	BDL	0.0551	BDL	0.0486
North Tripura	Narendra Nagar	Dug Well	BDL	0.1690	0.0017	0.0077	0.0351	0.1280	0.0121	0.0210	0.2367	0.2039	0.0106
North Tripura	Panisagar	Dug Well	0.0009	0.3113	0.0707	0.0019	0.1760	0.5878	1.3502	BDL	0.2311	6.3151	0.1356
North Tripura	Rajnagar	Dug Well	0.0006	0.0448	0.0010	0.0031	0.0275	0.3639	0.0565	0.0608	0.1026	0.1104	0.3518
North Tripura	Sanicherra	Dug Well	BDL	0.3077	0.0011	0.0008	0.0406	0.1767	0.0377	BDL	0.0321	BDL	0.0207
North Tripura	Satnala	Dug Well	BDL	4.4068	0.0019	0.0013	0.0290	0.5341	0.0202	BDL	0.0636	BDL	0.1182
Sepahijala	Dakshin Kalamcherra	Dug Well	BDL	0.0361	BDL	0.0020	0.0288	0.0340	0.0054	BDL	0.0034	0.0142	0.0167
Sepahijala	Golaghati	Dug Well	BDL	0.1460	0.0013	0.0038	0.0253	0.1569	0.0444	BDL	0.0263	0.0405	0.1271
Sepahijala	Gongrai	Dug Well	BDL	0.1442	0.0013	0.0040	0.0276	0.1546	0.0430	BDL	0.0235	0.0242	0.1299
Sepahijala	Kanthalia Bazar	Dug Well	BDL	0.0361	BDL	0.0025	0.0233	0.0368	BDL	BDL	0.0055	0.1003	0.0176
Sepahijala	Lalmaibari	Dug Well	0.0067	0.2966	0.0096	0.0073	0.0557	0.3035	0.0296	BDL	0.0414	0.5637	0.0205
Sepahijala	Rajib Nagar	Dug Well	BDL	0.0585	0.0068	0.0038	0.1554	0.0785	0.0498	BDL	0.0725	1.0978	0.0227
Sepahijala	Shivnagar	Dug Well	0.0015	0.2908	0.0091	0.0058	0.0467	0.2477	0.0296	BDL	0.0440	0.1902	0.0125
Sepahijala	Tufaniamura	Dug Well	BDL	0.1467	0.0013	0.0037	0.0254	0.1484	0.0350	BDL	0.0278	BDL	0.1272
South Tripura	Aamli Ghat	Dug Well	BDL	0.2040	0.0021	0.0016	0.0572	0.2254	0.0108	BDL	0.0165	BDL	0.0062
South Tripura	Ananda Bandhu Para	Dug Well	0.0006	0.9416	0.0124	0.0089	0.1460	0.1397	0.0874	BDL	0.0924	1.7374	0.0091
South Tripura	Baishnabpur	Dug Well	BDL	0.1201	0.0016	0.0054	0.0551	0.1275	0.0094	BDL	0.0216	0.2079	0.0047
South Tripura	Barkashari	Dug Well	BDL	0.0351	BDL	0.0031	0.0232	0.0356	0.0065	BDL	0.0064	0.1346	0.0184
South Tripura	Bijaynagar	Dug Well	0.0007	0.9276	0.0121	0.0082	0.1267	0.1438	0.0686	BDL	0.0859	1.6822	0.0085
South Tripura	Gaurangar bazar	Dug Well	BDL	0.0427	0.0019	0.0059	0.0763	0.0807	0.0181	BDL	0.0476	0.4226	0.0114
South Tripura	Ghorakhappa	Dug Well	0.0007	0.0439	0.0030	0.0053	0.1244	0.0495	0.1541	BDL	0.0648	0.7291	0.0123
South Tripura	Jagatpur	Dug Well	BDL	0.0106	0.0021	0.0054	0.0303	0.6715	0.0324	BDL	0.0205	0.2212	0.2067
South Tripura	Kalirbazar	Dug Well	BDL	0.1726	0.0011	0.0022	0.0526	0.1161	0.0324	BDL	0.0312	0.1821	0.0055
South Tripura	Magroom	Dug Well	BDL	0.1183	0.0016	0.0051	0.0517	0.1208	0.0117	BDL	0.0223	0.1871	0.0045
South Tripura	Manubazar	Dug Well	0.0338	0.1710	0.0027	0.0112	0.0852	0.1541	0.0673	BDL	0.0680	1.2818	0.0127
South Tripura	Manur Mukh	Dug Well	BDL	0.0110	0.0020	0.0053	0.0449	0.7087	0.0181	BDL	0.0206	0.1752	0.2111
South Tripura	Michara	Dug Well	BDL	0.0122	0.0021	0.0063	0.0336	0.7007	0.0259	BDL	0.0200	0.1944	0.2090
South Tripura	Motu Mogpara	Dug Well	BDL	0.0299	0.0009	0.0026	0.0572	0.1485	0.0013	BDL	0.0281	BDL	0.0054
South Tripura	Paschim Jalefa OW	PZ	BDL	0.5201	0.0031	BDL	0.0384	2.0215	0.0026	BDL	0.0018	BDL	0.0008
South Tripura	Poangbari	Dug Well	BDL	0.5018	0.0034	BDL	0.0327	1.8367	0.0075	BDL	0.0033	BDL	0.0016
South Tripura	Purba Takka	Dug Well	BDL	0.4838	0.0029	BDL	0.0321	1.9396	0.0118	BDL	0.0024	BDL	0.0010
South Tripura	Radhanagar	Dug Well	BDL	0.0382	0.0018	0.0053	0.0719	0.0796	0.0075	BDL	0.0516	0.4475	0.0121
South Tripura	Rajnagar	Dug Well	BDL	0.0392	0.0018	0.0058	BDL	0.0822	0.0161	BDL	0.0509	0.5582	0.0119
South Tripura	Sabroom	Dug Well	0.0007	0.0376	0.0028	0.0053	0.1031	0.0401	0.1413	BDL	0.0634	0.8379	0.0134

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			← mg/L →					← µg/L →					
South Tripura	Shashi-Chandrapur	Dug Well	0.0005	0.0258	0.0009	0.0030	0.0577	0.1499	0.0118	BDL	0.0294	0.0494	0.0059
South Tripura	Srinagar	Dug Well	BDL	0.1874	0.0019	0.0014	0.0423	0.1978	0.0118	BDL	0.0146	BDL	0.0060
Unakoti	Chandra- moni Kami	Dug Well	BDL	0.6936	0.0030	BDL	0.0308	0.8824	0.0128	BDL	0.0115	BDL	0.0282
Unakoti	Dumdum	Dug Well	BDL	0.0963	0.0053	0.0006	0.0514	0.0627	0.0889	BDL	0.1099	BDL	0.0182
Unakoti	Gaur nagar	Dug Well	BDL	0.4860	0.0015	0.0008	0.0138	1.6959	0.0343	BDL	0.0452	BDL	0.1892
Unakoti	Jarultali	Dug Well	0.0006	0.1136	0.0136	0.0022	0.0802	0.1099	0.0289	BDL	0.1727	BDL	0.0169
Unakoti	Kanchanbari	Dug Well	0.0024	0.0226	0.0052	BDL	0.0586	0.1063	0.0578	BDL	0.0382	BDL	0.0259
Unakoti	Kanchan-cherra	Dug Well	BDL	0.0784	0.0017	0.0005	0.0277	0.0950	0.0908	BDL	0.0289	0.0502	0.0215
Unakoti	Karaicherra	Dug Well	BDL	0.1839	0.0021	0.0050	0.0402	0.3790	0.0256	BDL	0.1598	BDL	0.0148
Unakoti	Kumarghat	Dug Well	BDL	0.1502	0.0016	0.0011	0.0268	0.9526	0.0466	BDL	0.0211	BDL	0.1015
Unakoti	Pancham-nagar	Dug Well	BDL	0.0643	0.0025	BDL	0.0206	0.1300	0.0233	BDL	0.0480	BDL	0.0421
Unakoti	Pecharthal	Dug Well	BDL	0.2694	0.0007	BDL	0.0222	0.9768	0.0419	BDL	0.0187	0.0022	0.1408
West Tripura	A.D Nagar	Dug Well	BDL	0.0060	BDL	0.0029	0.0237	0.1043	0.0757	BDL	0.0269	0.1678	0.0079
West Tripura	Gamcha kobra Market	Dug Well	BDL	0.3257	0.0017	BDL	0.0205	0.3482	0.0256	BDL	0.0491	BDL	0.0466
West Tripura	Ishanpur	Dug Well	BDL	0.0590	0.0006	BDL	0.0081	1.3805	0.0303	BDL	0.0136	BDL	0.2877
West Tripura	Khumulwng	Dug Well	BDL	0.0246	BDL	0.0031	0.0390	0.1115	0.0640	BDL	0.0271	0.2535	0.0258
West Tripura	Madhuban	Dug Well	BDL	0.1024	0.0160	0.0022	0.0887	0.1298	0.1083	BDL	0.1399	0.5464	0.0457
West Tripura	Pukua bari	Dug Well	BDL	0.1726	0.0010	BDL	0.0326	0.5547	0.0233	BDL	0.0246	BDL	0.0144
West Tripura	R.K Nagar	Dug Well	BDL	0.0343	0.0009	0.0046	0.0468	0.2948	0.0256	BDL	0.1684	0.0301	0.0142
West Tripura	Sadhupara	Dug Well	BDL	0.0814	BDL	BDL	0.0091	0.3952	0.0163	BDL	0.0100	BDL	0.1979
West Tripura	Simna	Dug Well	BDL	0.0234	0.0009	BDL	0.0512	0.0509	0.0198	BDL	0.0182	BDL	0.0162
West Tripura	Tarapur	Dug Well	BDL	0.6245	BDL	BDL	0.0877	0.4939	0.0268	BDL	0.0155	BDL	0.0043

**Chemical Quality of Water Samples Collected from GWMS of NER during November 2020
(Heavy metals and Uranium)**

District	Location	Type of sample (EW or DW)	Cr	Mn	Ni	Cu	Zn	As	Se	Ag	Cd	Pb	U
			mg/L							µg/L			
ASSAM													
Kamrup	Agyathuri	Dug well	NA	NA	NA	NA	NA	1.282	NA	NA	NA	NA	-
Kamrup	Bamunigaon	Dug well	NA	NA	NA	NA	NA	2.475	NA	NA	NA	NA	0.0449
Kamrup	Boko	Dug well	NA	NA	NA	NA	NA	1.282	NA	NA	NA	NA	BDL
Kamrup	Chhaygaon	Dug well	NA	NA	NA	NA	NA	1.282	NA	NA	NA	NA	0.2766
Kamrup	Dirgheswari	Dug well	NA	NA	NA	NA	NA	2.984	NA	NA	NA	NA	0.1748
Kamrup	Dora Kahara	Dug well	NA	NA	NA	NA	NA	1.112	NA	NA	NA	NA	0.1713
Kamrup	Mirza	Dug well	NA	NA	NA	NA	NA	1.624	NA	NA	NA	NA	BDL
Kamrup	Rangja	Dug well	NA	NA	NA	NA	NA	1.453	NA	NA	NA	NA	0.587
Kamrup	Rani	Dug well	NA	NA	NA	NA	NA	0.941	NA	NA	NA	NA	BDL
Kamrup	Rani II	Dug well	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	BDL
Kamrup	Sualkuchi	Dug well	NA	NA	NA	NA	NA	BDL	NA	NA	NA	NA	-
TRIPURA													
Khowai	45 Miles	Dug	NA	NA	NA	NA	NA	2.191	NA	NA	NA	NA	0.20

NA = Not Available

ANNEXURE –XXI(i)

Heavy metal and Uranium concentration in Water Samples Collected from Kamrup urban during March 2020

District	Location	Type of sample (EW or DW)	Fe	As	U
			mg/L	µg/L	
Kamrup	Gurudwara	TW	0.4895	1.7350	0.2167
Kamrup	Beltola	TW	0.2901	2.510	0.1737
Kamrup	Bakrapara	DW	0.2392	1.3460	0.2229
Kamrup	Basistha	DW	0.2815	2.1230	0.3996
Kamrup	Lakshmi Mandir	DW	0.2949	2.8950	0.227
Kamrup	Narengi	DW	0.2409	2.8950	0.1587