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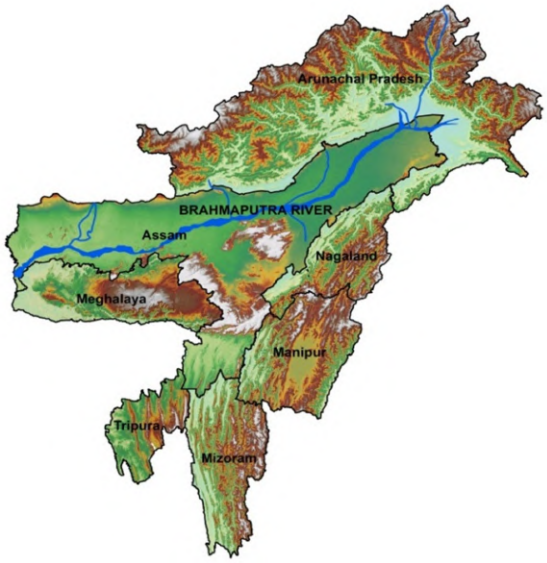
GROUND WATER YEAR BOOK
2022-23
भू-जल वार्षिक पत्रिका
२०२२-२३



CENTRAL GROUND WATER BOARD
केंद्रीय भूमि जल बोर्ड
DEPARTMENT OF WATER RESOURCES, RD & GR
जल संसाधन, नदीविकास और गंगा संरक्षण विभाग
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GOVERNMENT OF INDIA
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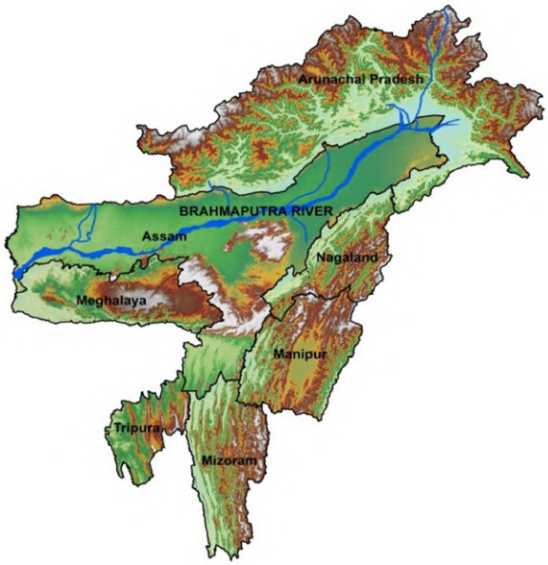

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ABBREVIATION

CGWB	Central Ground Water Board
NER	North Eastern Region
BCM	Billion Cubic meter
GWMW/GWMS	Ground water Monitoring Well/Station
DW	Dug Well
PZ	Piezometer
IMD	India Meteorological Department
m	metre
Sq. Km	Square Kilometre
MP	Measuring Point
mbgl	Meters below ground level
magl	Meters above ground level
mg/l	Milligram/litre
µS/cm	Microsimens/centimeter
BIS	Bureau of Indian Standards
BDL	Below detectable level
BW	Bore well
OW	Observation Well
PZ	Piezometer
HP	Hand Pump
EC	Electrical Conductivity
Km	Kilometer
°C	Degree Celsius
Ppm	Parts per million equivalent to mg/l
Ppb	Parts per billion equivalent to µg/l

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 654 GWMSs in 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 Mophi Mili, "Sc-C", Zumchilo T. Ezung, "Sc, C" and Arijit Mitra, "Sc-C". The scientific officers of the Regional Office systematically collected field data from the GWMSs four times in the year viz. March, August, November and January. The sincere effort put forth by D. Rabha, "Sc-D", in scrutiny, processing and issuance of the report is 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 **(Biplab Ray)**
31st August, 2023 **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 2,55,088 sq. km. The Region is mostly occupied by hilly terrain and only 111,183 sq. km. is occupied by valley area, which forms 43.5% of the total area. In different hydrogeological formations of the Region, 654 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 2023, there are 538 dug wells and 116 tube / bore wells in the region, which are being monitored four times a year i.e. during March, August, November and January. During March monitoring is carried from 1st to 10th. It is the pre-monsoon water level where the water level 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. Monitoring in August month starts from 20th to 30thof the month. This water level marks the peak of the water level in hydrographs. Post Monsoon water level monitoring is done for November from 1st to 10thof the month. This postmonsoon water level stands after the major portion of rainfall recharge has taken place.Monitoring during January is taken up from 1st to 10thof the month. 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 are 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 two river basins, viz. Brahmaputra (491) and Meghna (162).

In unconsolidated formations 557GWMWs are located, while in semi-consolidated formations and consolidated formations 49 and 48 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, 2022 (% of wells)	August, 2022 (% of wells)	November, 2022 (% of wells)	January, 2023 (% of wells)
0 – 2	17.8	47.6	40.7	21.5
2 – 5	55.1	40.3	45.0	54.1
5 – 10	21.4	9.2	10.4	19.2
10 – 20	4.4	1.7	3.2	3.9
>20	1.3	1.2	0.7	1.3

Water level fluctuation of GWMWs during August'22, November'22 and January'23 with respect to Pre-monsoon (March'22) data show that there is

- Rise in water level in August 2022 in 90.7% wells and fall in 9.3% wells.
- Rise in water level in November 2022 in 88.8% wells and fall in 11.2 % wells.
- Rise in water level in January 2023 in 64.6% wells and fall in 35.4% wells

Comparison of water levels of GWMWs during March'22, August'22, November'2022 and January' 23, with respect to the same month during the previous year shows that there is:

- Rise in water level in March 2022 in 48.8% wells and fall in 51.2% wells.
- Rise in water level in August 2022 in 43.7% wells and fall in 56.3% wells.
- Fall in water level in November 2022 in 39.6% wells and rising trend in 60.4% wells.
- Rise in water level in January 2023 in 52.58% wells and fall in 47.42% of stations.

Comparison of mean water level of the previous decade to the water level for the same period during 2022-23 shows that-

- During March 2022, rise is recorded in 61.2% GWMWs and fall in 38.8% of wells, as compared to decadal mean (March 2012- March'22).
- During August 2022, rise is recorded in 52% GWMWs and fall in 48% wells, as compared to decadal mean (August 2012-August'22).
- During November 2022, rise is recorded in 57.5% GWMWs and fall in 42.5% wells, as compared to decadal mean (November 2012-November'22).
- During January 2023, rise is recorded 50.3% GWMWs and fall in 49.7% wells, as compared to decadal mean (January 2013-January'22).

Trend analysis of Pre-monsoon water level data of last ten years i.e. 2012-2022 shows falling trend in 58.55% stations and rising trend in 41.45% stations.

Trend analysis of Post-monsoon water level data of last ten years i.e.2012-2022 shows falling trend in 34.65% stations and rising trend in 65.35% stations.

During pre-monsoon period (March, 2022), 16.83% (87/517) stations show water logging condition, whereas 17.6% (91/517) stations shows prone to water logging condition.

During post-monsoon period (November 2022), 64.35% (231/578) stations show water logging condition, whereas 35.37% (127/578) 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 are also observed beyond acceptable 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.

As per 2022 resources estimation, the region is enriched with more than 28.7 BCM of annual extractable ground water resources and the stage of development is 10.04%.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 56.5% 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 2022-2023

1. INTRODUCTION

North Eastern Region is bounded between North Latitudes 21^{o} 57'& 29^{o} 28'and East Longitudes 89^{o} 40'& 97^{o} 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 56.4% 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 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)	Hilly Area (sq.km)	Valley Area (sq.km)	Percentage of Valley Area to total state area (%)
Arunachal Pradesh	83,743	78,022	5,721	6.8
Assam	78,438	9,620	68,818	87.7
Manipur	22,327	19,768	2,559	11.5
Meghalaya	22,429	11,783	10,646	47.5
Mizoram	21,081	17,932	3,149	14.9
Nagaland	16,579	12,723.9	3855.1	23.25
Tripura	10,492	4,294	6,198	59.1
Total	**2,55,089**	**1,54,143**	**1,00,946**	**39.57**

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 the 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, 2023, there are 654 GWMS 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 31.01.2023		
		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	3	0	3
6	Papumpare	10	0	10
7	Tirap	3	0	3
	Total	**28**	**4**	**32**
	Assam			
8	Baksa	13	8	21
9	Barpeta	7	4	11
10	Biswanath	11	2	13
11	Bongaigaon	9	0	9
12	Cachar	18	0	18
13	Chirang	5	0	5
14	Darrang	9	8	17

Sl. No.	District	No. of GW Monitoring Wells as on 31.01.2023		
		DW	PZ	Total
15	Dhemaji	10	4	14
16	Dhubri	11	5	16
17	Dibrugarh	5	3	8
18	East Karbi Anglong	32	3	35
19	Goalpara	13	3	16
20	Golaghat	13	0	13
21	Hailakandi	5	6	11
22	Hojai	4	0	4
23	Jorhat	11	3	14
24	Kamrup	18	6	24
25	Kamrup Metro	8	0	8
26	Karimganj	16	1	17
27	Kokrajhar	13	0	13
28	Lakhimpur	19	2	21
29	Majuli	0	1	1
30	Morigaon	14	4	18
31	Nagaon	24	4	28
32	Nalbari	8	2	10
33	Sibsagar	4	5	9
34	Sonitpur	12	2	14
35	Tinsukia	11	0	11
36	Udalguri	16	6	22
37	West Karbi Anglong	4	0	4
	Total	**343**	**82**	**425**
	Meghalaya			
38	East Garo Hills	10	0	10
39	East Jaintia Hills	0	1	1
40	East Khasi Hills	6	2	8
41	North Garo Hills	6	3	9
42	Ri-Bhoi	6	4	10
43	South West Garo Hills	5	0	5
44	South Garo Hills	9	0	9
45	West Garo Hills	14	4	18
46	West Jaintia hills	2	0	2
47	West Khasi Hills	2	0	2
	Total	**60**	**14**	**74**
	Nagaland			
48	Dimapur	13	1	14

Sl. No.	District	No. of GW Monitoring Wells as on 31.01.2023		
		DW	PZ	Total
	Total	**13**	**1**	**14**
	Tripura			
49	Dhalai	10	0	10
50	Gomati	10	0	10
51	Khowai	6	3	9
52	North Tripura	19	1	20
53	Sipahi-Jala	7	0	7
54	South Tripura	21	5	26
55	Unakoti	10	0	10
56	West Tripura	11	6	17
	Total	**94**	**15**	**109**
	Grand Total	**538**	**116**	**654**

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 2022-2023. 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 32 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 85.01% (556 of 654) of the total Network Wells are located in the Unconsolidated Formation, 7.65% (50 of 654) of the wells are located in the Semi-consolidated Formations and the remaining 7.54% (49 of 654) 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						
		Unconsolidated Formations		Semi-consolidated Formations		Consolidated Formations		Total
		No. of GWMS	%	No. of GWMS	%	No. of GWMS	%	
1	Arunachal Pradesh	28	87.50	4	12.5	0	0	**32**
2	Assam	400	94.12	11	2.59	14	3.29	**425**
3	Meghalaya	17	22.97	23	31.08	34	45.95	**74**
4	Nagaland	13	92.86	1	7.14	0	0	**14**
5	Tripura	95	87.16	14	12.84	0	0	**109**
	Total	**553**	**84.56**	**53**	**8.10**	**48**	**7.34**	**654**

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 72.26%(482) of the Network Wells are located in this Basin. In Meghna Basin, about 27.74% (185) of the wells are located. As of January 2023, none of the stations located in Imphal Basin were monitored due to law and order issue. 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

S. No.	Basin/ Sub-basin	District / (No.of GWMW)	Total
	BRAHMAPUTRA		
1	Champamati	Bongaigaon (2), Chirang (2), Dhubri (16) , Kokrajhar (19),	39
2	Manas	Baksa (13), Barpeta (9), Bongaigaon (8), Chirang (2)	32
3	Mora Dhansiri	Baksa (9) , Darrang (12), Kamrup (11), Kamrup Metro (2) Nalbari (3), Sonitpur (7),Udalguri (26)	70
4	Kameng	Sonitpur (10)	10
5	Badeng Pabnai	Lakhimpur (3), Biswanath (13), Sonitpur (1), Papum pare (3)	20
6	Subansiri	Dhemaji (5), Lakhimpur (20), Lower Subansiri (1), Papumpare (8), Upper Subansiri (2)	36
7	Siang	Dhemaji (7), East Siang (6)	13
8	Lohit	Lohit (6), Lower Dibang Valley (1), Tinsukia (1)	8
9	Dibru	Dibrugarh (3), Tinsukia (2)	5
10	Burhi Dihing	Changlang (5), Dibrugarh (3), Sibsagar (2), Tinsukia (7)	17
11	Disang	Dibrugarh (1), Golaghat (2), Jorhat (11), Sibsagar (5), Tirap (3), Mokokchung (1) , Mon (2)	25
12	Dhansiri	Golaghat (9), East Karbi Anglong (13), Nagaon (1), Dimapur(17), Mokokchung (1), Kohima (3),Wokha (3), Peren (1), Phek (1), Tuensang (1)	50
13	Kalang- Kopili	Kamrup Metro(6), Karbi Anglong (21), Morigaon (18), Nagaon (19), Hojai (9), West Karbi Anglong (3), East Khasi (4), Ri-Bhoi (9)	89
14	Kulsi – Jinjinram	Goalpara (14), Kamrup (10), Kamrup Metro (7), East Garo(6), North Garo (9), Ri-Bhoi (3), West Garo (12), West Khasi (1), South West Garo (6)	68
	MEGHNA		
1	Barak	Cachar (18), Dhalai (9), Hailakandi (10), Karimganj (11), East Khasi (5), East Jaintia (1), East Garo (4), South Garo (9), South West Khasi (1), West Jaintia (2), West Garo Hills (1),West Khasi (1), Gomati (5), Khowai (9), North Tripura (20), Sipahijala (7), Unakoti (8),West Tripura (17)	138
2	Gumti	Dhalai (1), Gomati (5), Sipahi-Jala (2)	8
3	Fenny	South Tripura (26)	26
		Total	**654**

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 11872mm 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 averagemonthly rainfall of the district forfour years (2018-2022) 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) (2018-2022)

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
ARUNACHAL PRADESH													
ANJAW	2018	29	49.16	153.2	130.71	235.93	302.57	237.35	86.55	187.97	37.62	19.67	46.35
	2019	24.94	60.33	107.54	113.91	694.48	290.13	551.23	167.19	193.38	74.66	5.77	0.01
	2020	68.88	19.64	28.23	199.88	303.61	423.08	232	180.94	256.85	117.37	40.33	0.05
	2021	12.62	6.35	106.98	156.95	330.09	98.42	206.56	233.98	56.34	54.92	11.02	10.72
	2022	62.39	80.42	108.79	654.2	320.7	353.57	213.72	160.17	173.48	206.27	0	18.59
CHANGLANG	2018	28.95	66.91	166.65	139.6	247.78	299.64	242.15	94.49	197.36	42.46	18.6	46.61
	2019	24.75	69.15	114.57	117.85	675.04	281.44	500.91	167.39	280.65	70.75	6.5	2.76
	2020	49.9	17.43	32.17	182.08	260.7	466.91	273.43	285.36	288.79	132.27	49.1	0
	2021	7.85	6.16	68.84	113.18	282.6	152.69	211.78	275	42.45	53.31	10.29	17.29
	2022	52.13	67.24	73.65	555.49	394.92	470.58	300.8	182.03	256.89	192.57	0	16.59
DIBANG VALLEY	2018	30.57	43.09	177.56	193.51	252.52	544.86	518.92	189.35	390.82	52.12	73.81	13.3
	2019	9.67	51.17	109.03	115.48	474.12	517.15	911.69	101.5	154.85	76.05	0.88	6.12
	2020	70.1	35.18	35.42	179.63	671.45	679.49	311.89	188.55	501.91	168.56	111.06	25.59
	2021	45.95	7.61	143.81	241.62	222.29	197.33	144.86	321.06	136.09	147.32	13.09	23.6
	2022	75.8	129.18	99.91	613.98	266.53	440.43	497.26	70.39	57.47	513.68	0.1	41.07
EAST KAMENG	2018	10.05	25.38	72.33	153.02	225.15	390.44	380.42	347.08	265.45	66.19	50.97	33.59
	2019	5.65	66.9	50.45	146.5	393.5	374.28	602.7	172.04	405.02	149.21	13.08	10.26
	2020	26.1	45.95	21.27	88.83	339.66	582.13	406.82	329.11	523.83	227.04	25.22	11.56
	2021	14.19	6.53	44.2	65.74	362.75	498.86	320.92	626.56	238.26	104.19	12.04	3.22
	2022	25.04	57.37	62.65	361.91	410.22	756.03	315.17	225	315.93	410.47	0.03	7.47
EAST SIANG	2018	33.5	52.2	191.58	224.45	311.51	456.34	611.63	228.06	515.34	73.03	101.26	20.49
	2019	10.55	87.04	113.2	130.04	470.61	467.35	1120.55	227.76	420.08	123.65	13.85	9.28
	2020	65.03	37.22	47.51	177.44	549.11	1064.59	797.97	547.4	687.96	167.74	64.76	12.38
	2021	24.81	5.63	93.92	150.65	307.32	445.35	241.29	938.87	94.26	179.89	11.97	23.18
	2022	54.23	89.51	77.83	535.81	471.66	957.25	380.15	283.45	389.11	496.35	0.42	34.44

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
KURUNG KUMEY	2018	26.39	40.15	167.26	226.58	306.28	386.2	318.81	345.32	358.5	89.76	64.81	36.07
	2019	11.42	100.74	128.84	124.43	520.01	310.28	704.42	266.9	434.74	113.07	36.44	19.84
	2020	38.84	29.72	21.47	114.51	281.18	375.81	288.32	413.4	428.22	117.51	55.77	18.89
	2021	6.25	15.71	64.21	103.91	265.65	260.44	216.24	385.95	125.14	97.19	16.16	5.68
	2022	29.86	50.66	133.97	418.91	447.44	637.86	237.85	217.11	213.38	223.77	1.25	16.38
LOHIT	2018	32.67	69.13	170.85	204.26	244.58	334.92	291.05	119.47	243.5	48.5	47.5	46.83
	2019	21.83	60.42	110.64	106.65	651.98	316.26	560.6	174.89	239.92	75.57	6.77	0.73
	2020	63.16	20.89	32.41	194.29	315.77	476.84	280.26	239.6	284.02	126.37	46.52	0.18
	2021	11.46	6.11	88.99	135.73	303.52	136.06	209.31	284.45	49.77	56.62	11.1	14.87
	2022	57.95	75.39	90.69	613.89	368.1	434.65	260.13	176.48	214.61	236.12	0	19.43
LOWER DIBANG VALLEY	2018	37.5	56.29	198.86	244.17	267.95	533.41	534.53	213.51	411.2	64.13	81.88	24.1
	2019	11.36	51.28	102.41	93.03	548.9	483.63	960.43	203.01	225.12	100.17	5.78	3.75
	2020	64.65	31.56	32.88	175.39	574.61	841.08	528.89	308.53	459.77	154	78.1	10.08
	2021	31.6	7.17	114.75	172.48	277.67	281.93	224.16	578.08	98.68	126.41	15.85	22.94
	2022	69.52	101.67	87.69	639.31	380.43	642.6	420.2	167.21	173.18	454.79	0	34.17
LOWER SUBANSIRI	2018	23.85	37.94	138.32	159.2	285.16	460.05	713.04	341.45	511.34	102.48	49.91	22.21
	2019	8.07	74.93	89.65	114.37	386.74	463.52	895.14	184.68	515.78	204.95	67.99	17.08
	2020	45.46	38.02	44.61	103.43	278.21	548.86	372.44	403.15	593.24	173.1	29.39	12.16
	2021	20.47	9.04	54.61	84.25	299.88	427.96	422.97	493.79	133.52	127.3	12.44	10.72
	2022	27.17	90.64	44.73	342.56	428.16	871.91	281.45	315.83	347.05	398.35	1.04	13.49
PAPUM PARE	2018	20.35	34.45	106.66	160.49	282.86	493.82	668.68	431.52	424.05	96.92	58.03	22.88
	2019	6.69	61.79	63.34	150.99	464.34	476.47	868.97	192.63	509	205.18	35.53	13.73
	2020	46.69	38.43	29.92	84.58	399.63	711.84	432.25	349.24	519.28	225.5	19.83	11.45
	2021	20.93	7.7	48.93	79.82	337.64	541.63	373.56	547.08	203.87	102.22	7.37	5.52
	2022	30.15	81.02	47.19	438.76	463.78	884.24	327.4	306.84	292.95	431.93	0.06	11.01
TAWANG	2018	0.03	6.64	45.9	114.9	165.37	364.3	338.09	305.19	163.62	88.6	13.61	25.2

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2019	0.31	26.19	42.18	162.85	215.84	119.89	383.69	164.47	216.06	79.36	4.24	0.29
	2020	2.09	15.79	16.7	109.82	308.55	216.99	189.31	193.34	266.54	86.6	7.25	4.57
	2021	25.83	5.66	51.55	48.03	230.05	163.57	306.65	284.69	181.6	107.14	25.01	5.61
	2022	5.8	18.26	35.1	139.91	186.67	354.91	221.6	188.27	218.01	233.48	0	0.43
TIRAP	2018	15.4	71.7	190.84	119.71	237.65	368.38	328.06	210.85	202.44	60.99	17.02	27.13
	2019	16.33	65.68	112.43	142.35	487.1	323.57	454.7	171.16	291.11	102.06	13.04	9.61
	2020	40.27	14.88	37.1	116.04	281.44	530.08	263.96	352.15	292.82	156.18	46.68	0
	2021	10.28	3.9	28.29	55.49	327.89	278	247.5	336.05	100.53	50.82	6.37	11.42
	2022	30.64	55.23	43.35	434.39	374.01	544.82	467.97	323.76	320.25	162.66	0	11.07
UPPER SIANG	2018	61.19	77.27	264.72	246.12	381.4	398.47	437.34	262.84	468.07	99.53	160.05	14.67
	2019	11.81	179.93	287.14	106.94	349.48	449.37	826.63	130.95	379.77	151	14.92	44.66
	2020	153.58	61.06	93.53	251.52	428.84	691.5	462.89	295.99	510.47	327.35	135.63	34.6
	2021	40.12	11.08	175.36	381.24	300.03	353.93	242.95	693.94	182.74	167.24	14.45	29.03
	2022	82.85	128.12	158.85	610.11	363.35	669.2	349.2	144.67	466.74	487.99	2.15	41.66
UPPER SUBANSIRI	2018	38.6	64.9	182.32	192.06	334.42	328.55	343.45	300.94	375.25	86.55	80.15	23.47
	2019	13.76	124.73	187.86	114.11	395.13	348.14	647.61	159.82	491.02	126.37	41.81	34.37
	2020	94.6	41.95	60.53	171.41	294.67	349.94	266.59	308.42	489.89	146.72	62.68	27.02
	2021	24.99	23.08	117.17	185.33	237.17	241.99	245.67	363.09	146.72	107.47	19.32	13.68
	2022	49.71	84.48	157.43	468.31	345.47	567.09	223.82	191.51	363.55	278.7	2.68	27.69
WEST KAMENG	2018	0.3	9.02	42.7	106.79	159.69	343.05	338.27	372.45	192.17	85.22	15.28	23.8
	2019	1.25	38.06	37.31	169.48	251.8	255.02	441.72	146.48	291.9	108.66	2.19	2.64
	2020	7.92	40.79	23.67	100.64	296.88	324.51	261.25	381.83	524.48	199.26	10.18	6.03
	2021	17.86	1.4	15.84	18.69	310.08	328.25	375.02	605.03	260.6	122.31	11.88	5.35
	2022	13.57	41.03	35.65	120.5	312.38	635.58	290.89	256.93	382.46	365.89	0	1.71
WEST SIANG	2018	50.8	66.07	209.79	188.7	337.23	297.51	421.79	291.56	422.08	83.42	127.36	15.79
	2019	11.97	155.58	234.98	115.32	337.87	390.58	667.92	123.12	485.81	152.33	20.83	38.93
	2020	117.12	51.81	80.07	205.68	330.99	541.95	387.77	296.41	495.16	268.17	88.59	27.75
	2021	33.96	12.99	146.54	304.83	280.14	327.46	250.52	606.97	170.98	142.51	13.03	23.45

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2022	59.98	104.44	129.48	469.67	336.06	645.93	236.16	199.08	524.41	376.28	2.56	33.93
ASSAM													
BAKSA	2018	0	16.34	71.64	97.63	284.82	317.92	334.66	219.49	290.28	49.77	24.55	20.78
	2019	0.99	25.79	49.22	235.46	445.52	325.21	519.46	184.3	234.85	86.18	1.44	1.11
	2020	9.44	16.77	18.56	121.13	478.97	568.89	331.95	142.51	305.11	82.47	2.12	0.74
	2021	29.45	3.77	34.83	61.69	195.07	472.4	228.43	198.19	191.03	52.35	1.07	0.53
	2022	18.65	72.32	45.4	392.17	471.99	945.09	177.42	140.17	174.03	215.4	0.02	2.36
BARPETA	2018	0.12	15.51	79.19	121.21	264.54	333.59	275.56	243.1	281.07	37.41	24.91	21.32
	2019	0.34	16.46	49.76	255.35	497.91	330.1	587.64	186.27	260.54	120.59	4.92	0
	2020	14.67	18.71	17.99	148.69	571.38	695.79	351.61	163.75	442.9	60.13	2.13	0.03
	2021	15.02	3.04	27.25	85.77	208.39	518.59	259.11	195.78	176.06	66.73	1.2	0.09
	2022	28.58	50.96	31.33	291.3	452.54	1091.17	215.33	174.67	150.4	230.06	0	0.56
BONGAIGAON	2018	0.04	19.7	80.73	180.21	498.3	532.69	480.89	252.9	573.84	38.4	21.49	19.82
	2019	0.19	30.21	44.41	224.95	622.88	476.67	1171.73	221.21	320.6	107.38	9.88	0
	2020	5.69	31.5	20.28	195.32	733.06	900.35	587.96	223.12	850.24	62.14	9.43	0.5
	2021	9.62	4.2	16.95	117.03	237.09	604.29	399.42	295.76	182.52	190.45	4.53	0.21
	2022	17.49	65.11	23.54	427.29	504.35	1365.08	256.84	347.93	207.93	252.83	0	0.54
CACHAR	2018	4.23	12.79	95.97	188.87	336.74	494.25	289.75	329.69	227.2	90.16	8.25	35.86
	2019	0.02	22.34	43.41	116.64	238.55	299.73	416.6	234.08	272.88	220.76	24.77	6.52
	2020	20.88	1.29	19.12	122	267.23	439.4	257.71	306.46	260.01	213.67	47.05	0
	2021	9.3	0	71.2	101.62	326.93	399.94	313.97	437.28	163.04	151.47	0.05	49.17
	2022	25.38	43.64	90.07	286.96	647.37	771.56	422.78	174.2	192.55	99	0.43	13.32
CHIRANG	2018	0	18.84	85.61	157.89	509.69	661.82	662.74	279.73	799	79.05	22.21	17.52
	2019	0.22	35.05	37.05	204.1	583.14	576.04	1349.69	250.13	393.45	93.18	11.45	0
	2020	7.34	33.01	18.7	155.1	706.85	1025.7	938.77	351.65	960.21	136.54	14.47	10.42
	2021	58.54	11.96	30.18	106.83	279.19	694.22	379.18	557.93	211.65	202.74	4.55	0.15
	2022	23.49	76.3	40.74	420.39	488.17	1585.59	294.03	436	226.04	235.41	0	8.22
DARRANG	2018	0	4.74	57.9	105.44	156.82	245.02	324.43	229.97	208.89	32.45	20.39	22.08

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2019	2.44	24.45	51.87	158.45	295.72	240.89	362.48	178.56	199	92.19	2.5	4.19
	2020	13.42	31.14	17	89.09	258.84	307.24	202.2	136.61	208.18	141.48	7.13	0.14
	2021	13.21	3.7	30.77	40.31	147.85	271.26	203.91	181.13	199.61	82.52	1.74	0.07
	2022	19.67	53.02	44.09	264.94	354.21	508.66	210.6	120.92	146.08	159.82	0.22	1.4
DHEMAJI	2018	25.3	29.65	143.35	159.03	196.83	281.88	428.38	344.92	321.89	66.89	50.62	29.7
	2019	14.01	59.74	70.25	100.91	498.49	324.34	607.07	156.13	333.01	117.42	9.3	4.11
	2020	31.31	38.43	41.62	111.57	347.75	660.26	304.93	293.65	314.38	172.49	46.27	1.42
	2021	16.36	3.34	54.44	99.84	268.83	271.2	175.41	399.72	101.36	86.78	9.04	19.75
	2022	34.37	72.97	60.98	391.82	321.84	508.06	319.08	277.98	197.18	219.44	0.69	22.66
DHUBRI	2018	0	16.43	44.38	248.9	423.5	433.54	312.45	298.59	332.67	26.73	7.14	8.76
	2019	0.3	29.87	29.36	216.73	553.01	473.09	894.5	226.59	433.57	196.44	22.5	0.34
	2020	4	14.66	39.64	283.77	673.23	791.12	515.99	355.66	684.69	106.38	2.05	0.01
	2021	2.93	0.18	34.61	96.89	367.69	441.15	404.18	409.09	178.83	257.23	0.49	0.39
	2022	11.4	60	35.65	348.44	632.25	1206.43	264.86	334.36	227.49	341.51	0	0.64
DIBRUGARH	2018	17.16	58.96	177.11	137.85	228.85	334.93	333.84	273.14	247.68	63.21	31.32	28.35
	2019	11.52	63.97	94.77	131.05	496.33	311.07	515.62	154	295.04	102.74	11.63	5.13
	2020	37.76	21.84	30.09	103.67	306.99	618.2	268.93	325.93	274.49	170.17	45.83	0.07
	2021	15.07	2.3	38.18	74.6	304.62	271.18	239.43	388.98	119.04	55.76	5.75	12.17
	2022	31.11	59.27	50.69	433.81	353.73	525.92	436.57	335.23	262.52	166.96	0.02	15.67
DIMA HASAO	2018	15.14	8.75	50.35	89.97	167.44	342.02	208.53	270.14	110.99	45.7	3.41	46.45
	2019	0.3	23.87	40.4	88.15	207.67	245.2	270.05	236.59	199.58	195.2	23.74	2.14
	2020	15.41	4.75	22.07	126.42	227.37	281.88	125.97	152.27	167.41	136.95	24.29	0.02
	2021	1.82	0.33	49.48	81.11	128.07	136.58	196.25	233.45	128.06	106.57	0.02	21.82
	2022	22.17	40.42	48.98	239.83	333.67	300.41	184.9	114.69	103.19	110.72	0.06	11.28
GOALPARA	2018	0.15	14.7	62.75	200.15	349.32	393.12	281.57	260.03	341.03	25.4	15.7	16.06
	2019	0.41	23.39	39.44	205.9	554.71	401.88	855.12	226.38	347.31	138.06	12.13	0.02
	2020	9.36	19.41	25.61	263.01	647.8	741.21	398.25	236.6	564.94	66.41	5.05	0.03
	2021	4.28	3.06	28.96	107.18	235.77	493.61	334.37	252.42	175.75	168.92	2.04	0.1

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2022	16.26	59.86	22.84	328.63	491.06	1133.56	247.57	310.44	167.75	261.53	0	0.73
GOLAGHAT	2018	7.45	23.63	80.11	107.14	183.33	343.4	285.44	296.07	249.18	29.45	22.06	35.84
	2019	9.29	33.2	64.94	154.09	300.57	227.82	320.21	179.62	321.24	191.22	14.93	2.5
	2020	26.02	17.64	11.02	126.52	211.44	317.25	123.99	242.75	217.2	174.74	29.58	1.18
	2021	10.82	3.16	38.88	32.44	159.77	176.47	214.63	230.74	154.38	89.67	13.01	6.03
	2022	26.34	60.99	30.62	203.53	185.04	296.94	241.68	207.16	226.37	191.14	0	5.34
HAILAKANDI	2018	2.53	10.54	105.66	212.22	382.45	517.19	339.55	401.02	289.43	110.69	11.81	24.05
	2019	0.16	33.07	58.52	162.06	260.75	390.4	499.6	353.23	342	251.33	30.53	6.95
	2020	25.54	0.65	12.07	144.18	384	433.88	270.1	391.1	308.32	268.94	51.48	0
	2021	9.47	0	64.16	91.69	352.93	383.46	399.42	471.3	216.16	146.99	0.07	74.73
	2022	22.34	30.47	65.67	219.8	614.32	811.47	510.31	248.28	280.17	129.7	0.94	12.42
JORHAT	2018	7.88	35.49	110.87	155.13	178.75	390.16	331.88	252.64	245.53	43.79	26.25	34.5
	2019	8.52	44.01	81.21	151.99	401.89	204.72	352.27	177.04	291.64	152.6	12.47	2.95
	2020	39.2	25.67	19.5	105.04	284	380.41	172.48	274.83	261.3	126.67	45.24	0.45
	2021	9.56	0.62	38.77	36.07	212.16	208.44	321.27	245.12	144.03	55.31	13.07	8.41
	2022	25.79	64.77	34.14	248.33	219.88	329.16	376.68	255.7	252.77	146.9	0	8.25
KAMRUP	2018	0.73	5.76	51.81	99.85	179.68	250.91	189.88	252.03	191.33	32.02	11.07	19.89
	2019	0.9	15.21	34.93	201.77	340.94	230.28	321.61	216.86	257.21	141.83	9.45	1.27
	2020	20.53	17.15	19.03	181.16	371.8	462.66	217.2	153.2	336.63	126.55	3.45	0.98
	2021	3.1	3.74	46.09	89.01	184.44	325.94	223.84	268	171.94	73.74	0.08	2.54
	2022	23.98	41.22	61.19	247.37	363.84	791.4	249.99	197.34	235.26	210.75	0.84	2.36
KAMRUP METRO	2018	0.65	3.1	21.9	97.84	116.28	256.29	199.45	200.97	130.61	44.81	3.9	18.95
	2019	3.35	12.53	49.26	127.75	211.38	154.45	259.01	168.07	187.39	135.42	9.75	1.93
	2020	12.38	20.89	11.18	134.36	206.91	289.66	149.51	69.77	271.98	204.75	6.16	1.36
	2021	0.91	4.45	29.98	45.11	158.28	199.66	215.75	231.45	161.56	105.23	0	3.01
	2022	33.32	28.1	33.16	148.04	239.16	362.07	226.28	185.86	171.62	169.3	1.46	1.84
KARBI ANGLONG	2018	10.75	10.6	53.8	76.29	124.98	281.48	221.64	235.2	164.67	26.46	9.34	40.63
	2019	4.74	25.8	49.08	134.19	227.66	215.59	261.06	191.85	224.18	167.61	11.7	0.72

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2020	11.27	9.63	11.23	129.34	184.52	218.69	118.46	143.14	216.58	163.58	18.19	0.32
	2021	5.96	2.47	35.26	34.79	107.54	134.63	225.91	159.86	148.74	95.87	3.72	7.29
	2022	27.39	42.4	13.83	154.03	184.67	215.23	197.67	173.81	127.65	149.51	0	4.51
KARIMGANJ	2018	1.88	10.51	115.06	202.28	372.34	507.22	325.57	387.14	315.86	122.78	15.84	25.81
	2019	0.15	29.87	67.12	190.5	318.6	449.94	529.41	380.64	345.19	299.1	30.61	4.73
	2020	31.21	0.63	14.96	151.53	394.06	503.48	301.46	399.02	320.78	283.48	57.41	0.08
	2021	9.55	0	72.3	96.15	358.76	348.37	410.36	460.68	208.79	170.17	0.35	71.08
	2022	20.56	30.03	87.51	217.4	627.6	820.25	449.75	234.2	320.48	137.99	1.08	10.78
KOKRAJHAR	2018	0	14.06	76.85	253.22	517.82	489.02	532.98	293.35	623.33	49.56	13.52	8.66
	2019	0.07	25.2	42.55	220.49	566.16	450.75	1276.83	314.2	422.34	95.39	17.7	0.94
	2020	1.95	12.74	31.99	226.1	594.6	1015.08	666.1	398.97	936.79	119.74	15.83	0.88
	2021	11.86	2.14	62.04	122.24	198.87	455.56	351.01	483.86	237.09	253.82	3.23	0.24
	2022	10.98	62.67	23.63	427.1	637.72	1351.56	275.54	371.1	238.57	291.9	0	0.59
LAKHIMPUR	2018	16.55	29.02	126.57	136.54	194.97	436.34	529.14	340.11	329.38	70	45.45	29.06
	2019	11.64	44.88	68.96	132.76	432.51	297.14	609	178.98	347.45	156.39	25.54	7.67
	2020	41.67	39.36	33.36	94.65	336.62	569.56	256.89	277.71	342.95	159.62	24.57	3.01
	2021	13.01	3.36	38.86	52.57	266.21	314.8	291.91	373.26	136.2	81.56	14.28	15.91
	2022	29.72	74.78	45.11	353.05	305.49	546.86	334.53	272.29	250.3	295.46	0.16	12.87
MORIGAON	2018	0.21	3.28	40.57	114.99	114.58	325.83	248.98	201.48	189.13	23.99	13.21	21.21
	2019	2.72	17.28	50.12	169.43	295.51	287.89	354.24	150.45	154.4	98.13	8.69	1.92
	2020	14.09	21.08	8.7	81.74	264.3	263.25	174.53	156.89	261.86	218.04	12.53	0.41
	2021	8.96	5.33	25.05	38.6	127.02	223.46	183.37	184.67	170.01	58.02	0.81	4.46
	2022	35.34	31.56	15.77	159.66	224.67	394.58	269.35	169.25	159.92	159.63	0.08	1.43
NAGAON	2018	7.2	8.53	56.84	98.72	144.47	342.4	257.36	223.82	270.08	31.75	21.39	30.78
	2019	1.71	27.19	46.62	225.83	358.84	444.33	468.15	204.74	214.77	121.16	8.38	1.24
	2020	14.34	17.41	13.94	120.84	359.86	338.39	230.23	226.56	317.24	196.35	12.84	0.74
	2021	11.56	4.97	28.2	52.38	136.84	228.51	251.82	238.84	188.63	72.85	2.05	9.32
	2022	29.56	36.84	21.19	216.6	298.47	392.24	257.45	199.78	156.11	199.57	0	3.9

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
NALBARI	2018	0.08	12.77	76.8	92.45	196.14	281.2	197.41	238.58	212.07	35.51	22.06	21.75
	2019	0.48	14.73	41.47	248.33	452.66	252.12	339.36	231.97	223.94	108.24	2.57	0
	2020	16.63	7.98	13.22	144.63	422.77	568.59	248.93	126.12	284.27	72.19	0.03	0
	2021	10.51	2.05	35.64	81.75	179.02	434.19	205.97	216.9	166.88	44.71	0	0.05
	2022	15.49	52.71	65.61	329.83	398.43	1004.12	194.4	139.36	241.03	212.99	0	1.49
SIBSAGAR	2018	13.69	55.99	166.26	125.11	219.23	389.89	323.06	270.16	238.67	61.03	22.04	33.43
	2019	9.45	55.68	91.9	156.74	466.93	226.92	450.61	172.55	311.98	123.35	10.02	3.34
	2020	39.06	27.72	32.57	104.35	332.66	535.38	217.69	265	247.78	147.58	47.95	0
	2021	14.05	3.58	34.41	53.36	274.13	258	311.61	312.03	120.15	54.07	10.4	15.59
	2022	29.09	60.43	46.38	399.66	316.27	466.12	419.12	300.78	252.54	174.15	0	14.12
SONITPUR	2018	8.46	18.08	80.11	126.3	208.34	368.73	400.46	326.49	266.21	52.24	38.04	24.13
	2019	4.7	40.85	52.1	219.12	415.5	349.74	527.55	171.89	336.29	144.21	8.33	6.92
	2020	24.02	39.8	20.92	100.91	380.87	480.63	327.57	297.21	375.09	223.12	14.84	4.52
	2021	23.91	4.8	42.91	60.69	253.83	399.2	303.35	384.23	255.62	95.02	6.93	1.7
	2022	30.19	59.17	42.61	353.02	381.99	614.65	315.74	230.79	277	317.5	0	4.89
TINSUKIA	2018	27.51	68.76	177.44	172.85	231.66	301.25	330.56	172.16	259.34	67.38	40.57	39.97
	2019	16.67	68.5	117.09	105.57	557.48	339.78	567.48	190.62	328.73	93.49	18.77	7.18
	2020	45.01	23.57	39	156.28	287.14	635.16	360.01	394.52	344.84	152.96	62.93	0.22
	2021	8.54	5.1	37.43	73.8	266.89	247.83	194.92	424.63	51.4	65.06	8.84	22.34
	2022	40.54	61.89	41.86	418.87	434.45	592.22	388.54	304.28	282.92	214.1	0	15.89
UDALGURI	2018	0	7	80.8	85.38	222.99	279.32	423	297.95	288.57	56.49	28.56	22.48
	2019	0.59	37.13	41.98	198.82	357.32	317.5	524.73	232.1	278.63	80.22	2.59	6.37
	2020	17.43	38.71	28.17	103.73	371.02	430.01	302.91	206.49	304.74	140.21	7.13	0.68
	2021	18.84	4.02	33.2	46.61	192.94	335.17	291.58	232.82	251.34	87.76	2.67	0.57
	2022	12.14	80.69	76.21	387.4	498.63	719.58	202.28	142.9	188.59	228.7	0.02	2.62
MANIPUR													
BISHNUPUR	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

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2020	45.01	10.35	19.98	86.59	134.76	178.47	65.16	182.98	178.33	104.78	80.03	0
	2021	5.84	0	49.68	45.2	116.57	77.8	122.4	242.88	81.63	53.66	0.12	64.11
	2022	21.2	39.84	13.4	142.13	354.26	338.16	159.12	81.02	107.03	99.08	0.3	8.99
CHANDEL	2018	0.05	7.46	52.54	113.22	188.71	320.68	214.47	187.96	18.53	47.07	0.2	12.1
	2019	0.5	14.19	19.32	50.14	91.98	91.53	136.44	88.31	194.79	99.58	28.81	8.87
	2020	45.69	10.62	20.23	86.41	132.78	173.64	61.34	180.06	178	102.89	80.93	0
	2021	5.77	0	49.66	44.68	112.06	70.16	117.51	238.28	77.22	51.85	0.11	64.41
	2022	21.18	39.87	13.11	142.62	350.07	328.2	148.67	77.2	101.41	101.12	0.3	8.92
CHURACHANDPUR	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	223.59	141.01	219.44	129.33	26.99	8.8
	2020	39.64	7.68	17.47	92.76	171.51	233.36	116.5	234.92	209.39	141.51	70.91	0
	2021	7.67	0	51.29	50.8	180.01	171.85	184.14	310.5	114.83	74.62	0.45	64.79
	2022	22.1	38.26	19.26	156	424.2	464.77	253.4	124.59	142.65	103.61	0.33	9.59
IMPHAL EAST	2018	1.84	7.03	51.07	110.84	198.88	327.77	251.7	203.56	32.71	51.45	0.33	14.73
	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	44	10.9	19.38	95.07	135.79	187.23	79.89	185.22	184.47	122.81	78.76	0
	2021	5.11	0.03	46.97	42.89	106.44	68.49	121.49	234.04	85.55	56.68	0.17	59.46
	2022	22.62	40.91	13.65	135.2	321.72	317.31	167.58	91.47	121.99	113.01	0.27	10.31
IMPHAL WEST	2018	0.95	8.41	65.73	149.01	256.38	385.88	250.81	261.28	103.64	65.27	2.8	18.71
	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	37.6	6.66	17.28	96.83	181.02	267.11	142.78	257.4	222.99	164.26	68.44	0
	2021	8.53	0	55.23	58.49	211.02	219.9	209.51	341.82	125.66	87.97	0.07	63.4
	2022	22.94	38.41	24.88	163.56	454.13	526.51	293.2	136	150.39	104.22	0.38	10.07
SENAPATI	2018	8.99	5.13	46.17	102.58	235.07	345.28	378.72	268.44	86.51	66.41	0.83	32.49
	2019	1.47	12.38	42.64	61.34	136.25	141.56	181.07	199.65	230.59	185.11	30.93	6.62
	2020	36.55	13.06	15.85	120.62	130.39	225.25	140.04	220.52	222	190.86	73.63	0
	2021	3.32	0.08	38.77	35.62	91.71	66.64	131.86	228.94	94.99	75.05	0.05	28.15
	2022	23.47	42.52	8.28	136.31	221.11	275.38	195.81	129.27	183.03	137.86	0.1	14.7

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
TAMENGLONG	2018	3.16	6.88	52.03	112.92	210.22	336.94	269.42	220.31	48.68	54.77	0.7	19.09
	2019	0.76	14.16	27.84	56.55	118.71	122.28	170.95	142.25	209.09	127.2	29.14	7.97
	2020	41.44	10.26	19.62	96.32	144.85	204.52	89.79	189.69	184.45	129.22	75.24	0
	2021	5.14	0.09	47.85	46.99	114.45	86.23	136.35	240.67	98.51	64.79	0.12	54.07
	2022	24.14	42.96	14.46	142.09	333.2	329.65	194.84	98.25	130.61	110.76	0.24	10.83
THOUBAL	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
	2021	5.63	0	49.08	44.2	110.76	69.81	118.33	237.48	79.32	52.84	0.18	63.6
	2022	22	40.28	14.07	140.7	343.89	326.51	153.14	80.41	106.5	104.94	0.3	9.25
UKHRUL	2018	7.36	5.45	46.75	105.14	236.03	347.03	375.26	258.47	81.57	67.28	0.73	25.97
	2019	1.49	12.12	39.61	61.86	115.49	122.09	158.09	153.81	223.76	193.09	32.04	6.96
	2020	37.33	14.55	13.37	127.55	116.75	215.91	149.18	239.77	238.25	198.6	75.61	0
	2021	3.49	0.01	37.87	32.67	95.52	70.58	129.65	234.81	76.37	76.91	0.05	27.96
	2022	22.07	39.43	9.57	135.18	200.21	275.51	165.91	131.55	182.48	134.96	0.07	15.25
MEGHALAYA													
EAST GARO HILLS	2018	0.37	25.23	59.09	200.38	406.79	489.45	408.56	367.87	323.35	39.63	11.94	14.95
	2019	0.27	30.59	35.05	232.15	655.06	610.57	1062.37	253.28	435.84	269.41	20.46	0.39
	2020	11.06	25.56	47.42	326.96	738.79	973.46	683.65	331	888.47	148.67	4.25	0.01
	2021	2.62	2.43	45.84	155.17	501.87	728.87	484.92	857.41	197.41	214.53	1.11	1.49
	2022	18.29	60.45	105.24	525.86	946.94	1627.47	352.63	434.76	382.19	369.36	0.03	3.36
EAST KHASI HILLS	2018	5.08	12.12	62.24	190.38	448.74	765.56	794.35	539.17	460.29	108.77	17.88	25.35
	2019	0.57	26.24	25.48	265.88	511.48	885.16	1300.1	451.71	550.31	354.76	27.56	3.11
	2020	17.64	25.3	25.07	253.03	812.82	1363.04	901.1	602.66	1131.48	426.85	25.04	2.49
	2021	3.53	1.69	61.66	140.95	344.59	517.37	498.52	989.81	159.17	233.69	0	25.18
	2022	30.01	41.55	126.11	806.48	1319.84	2118.66	362.98	212.5	307.01	305.75	1.88	3.07
JAINTIA HILLS	2018	11.33	13.41	78.47	115.34	205.11	419.98	211	256.86	212.03	61.11	9.36	46.92
	2019	0.12	18.61	37.16	137.79	291.51	291.2	366.88	220.35	211.67	231.89	25.66	0.68

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2020	8.89	2.83	26.73	135.28	269.95	437.56	226.83	172.83	261.52	169.24	26.26	0.34
	2021	2.07	0.21	66.45	120.33	200.05	244.69	230.54	315.36	109.11	185.47	0.05	21.66
	2022	25.47	47.54	97.87	395.75	672.53	700.2	258.65	126.45	134.6	126.96	0.36	7.09
RI- BHOI	2018	2.85	4.36	24.19	96.62	143.41	272	201.92	227.82	158.8	64.39	11.08	22.97
	2019	2.74	14.66	38.6	141.91	202.56	189.71	290.12	167.72	216.17	162.85	17.22	2.14
	2020	11.97	22.72	19.23	166.63	249.39	313.22	185.62	109.13	403.33	280.39	15.67	3.65
	2021	0.46	2.8	27.89	42.98	189.25	188.88	249.96	304.87	171.65	137.91	0	11.32
	2022	36.56	33.66	19.9	178.74	376.77	440.26	217.89	186.46	190.29	197.53	4.3	2.76
SOUTH GARO HILLS	2018	0.27	45.14	65.59	235.56	656.84	937.42	1019.89	696.9	479.35	88.78	5.67	12.54
	2019	0.05	44.86	30.04	286.29	951.55	1270.28	1918.84	451.7	721.66	510.04	25.45	1.64
	2020	13.46	39.09	64.41	422.18	1135.32	1857.51	1468.6	697.97	1639.59	355.55	8.52	0
	2021	2.99	1.75	78.7	249.1	913.21	1171.37	761.59	1923.15	227.61	276.62	0	2.79
	2022	21.68	60.12	265.21	995.45	1762.14	3205.02	566.01	605.87	758.64	538.01	0.01	6.99
WEST GARO HILLS	2018	0	41.2	41.28	209.65	463.7	445.29	337.18	397.35	235.08	43.75	5.38	10.38
	2019	0.13	47.29	25.88	260.54	792.81	711.97	1142.06	200.45	440.85	427.99	26.42	0
	2020	5.1	35.58	89.49	403.82	725.47	997	939.02	312.6	1047	129.32	0.61	0
	2021	0.12	0.06	33.85	163.37	910.38	668.73	406.83	750.28	182.43	245.93	0.07	0.07
	2022	18.63	58.7	18.84	293.45	953.05	1502.4	329.84	560.92	604.21	506.22	0	3.84
WEST KHASI HILLS	2018	3.9	15.13	62.03	192.34	530.68	877.26	1000.59	645.2	527.56	109.79	13.2	20.19
	2019	0.56	29.29	27.21	259.72	628.89	1105.65	1633.8	498.66	692.66	387.43	27.03	3.37
	2020	20.47	31.83	24.1	289.79	1038.02	1688.6	1146.09	743.73	1431.43	466.96	14.86	1.97
	2021	2.59	2.46	80.05	200.85	502.07	915.22	730.32	1764.93	236.97	223.51	0	15.14
	2022	27.77	49.02	278.03	941.86	1521.37	2765.3	490.57	411.66	518.79	396.27	3.06	7.07
MIZORAM													
AIZAWL	2018	6.88	7.89	46.12	148.85	312.06	608.69	331.14	459.61	199.98	131.47	4.48	9.89
	2019	0.09	25.55	30.92	119.6	218.44	272.84	496.6	251.2	234.7	113.88	36.63	4.73
	2020	42.24	4.24	3.71	108.89	207.83	229.02	201	256.22	212.97	232.78	36.17	0

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2021	6.85	0	33.71	46.74	182.92	231.06	267.29	397.93	253.63	121.57	42.23	68.64
	2022	13.01	18.38	26.38	89.58	396.78	428.15	400.53	304.48	204.02	124.53	1.09	7.03
CHAMPHAI	2018	6.4	7.14	38.42	112.62	287.21	688.11	380.1	470.2	203.39	160.58	3.08	7.54
	2019	0.03	18.69	17.47	100.38	175.51	247.61	525.96	179.42	181.63	75.31	28.76	3.09
	2020	49.93	6.21	2.53	91.55	170.65	173.45	172.01	224.41	173.14	204.23	38.35	0
	2021	4.67	0	26.8	32.12	129.33	192.02	252.92	329.56	239.89	105.11	44.31	60.54
	2022	9.23	18.3	17.61	57.6	319.01	304.4	361.96	305.7	191.86	137.95	1.56	5.57
KOLASIB	2018	4.58	9.31	72.36	200.12	345.73	499.9	320.7	435.61	212.99	110.5	6.99	15.82
	2019	0.22	33.25	50.23	149	250.92	336.94	462.08	342.34	315.11	166.83	38.28	7.15
	2020	30.32	2.03	5.87	131.19	325.17	323.8	233.92	346.72	281.45	255.35	42.67	0
	2021	9.51	0	48.92	72.63	298.39	330.82	345.81	468.34	240.27	140.91	15.2	76.24
	2022	19.94	25.69	45.95	172.88	545.8	680.88	475.88	280.35	245.04	127.16	0.56	10.93
LAWANGTLAI	2018	0.87	2.84	16.77	27.59	288.45	403.29	576.03	851.11	304.99	288.06	4.99	3.11
	2019	0	35.86	13.04	70.82	157.87	384.39	706.43	319.16	345.12	96.13	30.97	4.64
	2020	72.33	9.28	1.02	126.03	211.23	269.63	211.18	396.88	239.13	347.78	29.28	0
	2021	2	0	8.83	20.89	157.61	322.62	582.41	431.26	411.99	156.95	5.4	49.93
	2022	3.82	48.22	0.73	16.76	303.75	347.54	316.99	415.22	400.73	353.17	0.02	2.66
LUNGLEI	2018	3.07	5.49	27.38	49.64	304.3	601.62	542.08	730.61	283.1	254.43	4.5	5.48
	2019	0	24.66	10.6	82.67	153.16	341.62	750.62	213.2	208.22	70.83	27.24	2.4
	2020	61.11	8.03	0.45	99.72	195.84	189.94	194.73	328.56	183.44	234.34	31.41	0
	2021	2.36	0	19.53	21.47	130.07	264.5	386.98	324.34	307.58	124.63	24.7	49.61
	2022	5.34	24.32	5.99	34.61	282.31	278.09	353.6	370.22	268.29	252.53	1.24	4.4
MAMIT	2018	8.63	7.65	43.46	133.23	292.25	614.96	305.22	472.71	191.72	133.93	4.25	5.46
	2019	0.12	26.56	30.83	124.63	250.04	261.08	510.08	276.03	241.46	97.42	48.35	3.85
	2020	47.47	5.25	2.58	117.25	201.71	200.94	194.43	220.22	195.3	247.31	36.78	0
	2021	5.53	0	28.26	50.01	145.32	168.87	245.31	394.07	274.78	120.61	54.53	73.18
	2022	10.03	13.8	26.21	58.5	345.36	335.15	371.17	329.1	191.06	132.21	1.1	5.76
SAIHA	2018	0.89	2.25	12.56	27.85	269.68	409.28	533.44	841.67	302.63	286.53	4.8	3.24

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2019	0.01	35.48	12.9	59.8	134.8	383.59	704.52	314.57	340.78	99.09	30.94	4.35
	2020	72.1	9.28	1.04	125.18	211.21	266.65	207	392.16	236.98	346.18	29.16	0
	2021	2.07	0	9.08	21.18	156.72	321.81	579.6	425.93	408.15	156.69	6.02	49.88
	2022	3.87	48.62	0.85	17.23	304.62	344.89	320.22	417.25	396.66	351.66	0.06	2.7
SERCHHIP	2018	5.66	6.41	32.96	80.54	295.88	711.06	457.2	585.67	243.76	205.45	3.49	6.39
	2019	0	18.73	12.62	95.68	176.2	284.3	653.87	180.86	173.53	63.64	26.06	2.28
	2020	55.85	6.93	0.52	89.43	177.65	163.45	183.31	252.43	163.83	196.54	34.52	0
	2021	3.41	0	21.59	23.47	117.16	206	280.16	316.87	260.27	108.92	44.8	56.64
	2022	6.53	14.41	15.08	42.92	289.98	267.89	362.56	330.43	208.54	170.93	1.68	4.62
NAGALAND													
DIMAPUR	2018	14.77	4.15	41.76	92.09	248.82	345.64	440.87	330.69	127.87	69.94	1.36	56.45
	2019	2.33	12.69	58.48	67.15	188.68	192.12	238.06	310.36	256.89	222.9	27.14	4.57
	2020	29.09	11.57	18.04	130.46	155.4	258.42	149.81	192.01	197.04	200.39	59.4	0
	2021	1.84	0.44	36.25	40.57	71.38	70.23	162.04	192.54	144.66	98.2	0.07	11.22
	2022	30.13	51.34	4.44	131.53	191.94	211.1	289.21	164.68	216.62	150.55	0	16.54
KIPHIRE	2018	8.99	15.48	72.79	135.51	295.31	341.49	379.08	274.44	219.97	59.26	3.01	44.22
	2019	1.27	20.73	82.77	129.54	160.84	140.94	142.17	128.7	239.04	247.43	31.27	5.83
	2020	36.35	17.57	9.9	150.37	87.22	195.51	136.72	290.64	297.02	195.83	68.11	0
	2021	4.12	0	34.16	26.87	81.72	161.05	163.83	246.16	80.48	99.87	0.08	11.38
	2022	30.02	48.87	17.08	140.82	145.5	258.83	175.9	185.12	231.93	107.45	0	17.37
KOHIMA	2018	14	5.43	44.09	93.91	240.28	341.27	430.17	324.79	143.91	66.19	2.21	53.86
	2019	2.88	14.27	59.01	74.87	139.4	149.45	176.51	198.51	240.49	242.63	30.34	5.51
	2020	30.14	16.05	10.71	148.49	102.42	227.5	171.29	261.18	265.99	226.39	71.81	0
	2021	3.04	0.06	33.49	27.75	83.82	94.97	140.32	236.97	73.53	86.63	0	10.02
	2022	24.4	41.26	9.4	143.17	145.53	254.93	176.53	164.65	216.94	136.23	0	17.19
LONGLENG	2018	9.55	55.85	130.32	153.7	235.06	384.88	285.17	267.79	254.81	60.72	11.3	41.07
	2019	2.23	47.91	100.45	158.88	391.38	163.64	378.39	203.93	356.4	160.81	15.8	3.08
	2020	36.31	28.05	20.61	125.62	238.04	315.49	151.33	242.89	258.59	146.21	56.49	0

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2021	9.61	1.14	36.93	37.22	187.22	215.77	328.01	252.77	138.1	58.51	7.24	11.13
	2022	36.01	67.02	29.38	252.6	224	310.69	364.37	290.05	254.48	116.71	0	12.74
MOKOKCHUNG	2018	7.74	40.22	115.97	158.85	220.05	382.22	302.18	243.6	248.12	54.33	12.24	39.08
	2019	3.63	42.68	91.08	156.24	350.23	176.27	290.22	185.76	317.35	178.44	19.66	2.32
	2020	40.15	22.12	17.5	129.82	170.42	242.76	126.72	257.12	268.2	150.95	56.31	0.02
	2021	7.44	0.35	38.51	32.86	150.77	208.22	288.1	248.98	146.85	62.56	4.7	8.1
	2022	38.31	66.28	23.94	200.16	192.12	282.02	333.93	293.86	275.62	104	0	12.54
MON	2018	12.29	63.96	177.93	126.8	243.24	384.3	304.72	248.07	231.07	62.66	13.51	34.57
	2019	7.3	53.99	111.73	159.48	452.75	223.54	428.9	193.4	325.8	130.82	12.68	5.17
	2020	39.73	18.26	32.39	117.33	296.19	470.26	213.97	280.31	260.06	153.23	50.1	0
	2021	12.24	3.53	30.54	48.11	284.99	265.83	291.61	306.27	126.36	52.52	7.61	10.8
	2022	29.3	59.44	41.33	381.77	306.36	461.39	429.7	314.12	279.05	150.12	0	10.38
PEREN	2018	14.01	4.24	43.48	93.51	233.65	343.17	411.12	303.26	106.84	66.24	1.17	47.66
	2019	1.55	12.87	53.1	61.46	179.72	186.14	230.99	287.85	233.94	207.38	27.18	4.33
	2020	28.5	10.78	19.1	120.19	164.06	250.43	127.84	180.35	178.36	180.47	55.43	0
	2021	1.7	0.47	37.63	45.92	68.66	70.08	171.7	188.01	166.35	100.78	0.01	16.9
	2022	32.23	54.25	4.88	126.18	221.08	203.13	306.36	148.29	204.09	146.82	0.02	15.87
PHEK	2018	13.52	5.1	45.88	103.19	270.56	341.32	455.23	316.96	148.39	68.46	1.59	53.03
	2019	2.06	13.1	64.33	79.57	114.27	129.52	146.45	140.3	229.11	257.72	31.2	5.85
	2020	30.69	17.47	9.65	148.7	89.81	212.29	161.52	286.67	270.49	220.39	71.49	0
	2021	3.25	0.01	33.21	26.86	82.56	110.72	145.23	240.08	67.85	97.52	0	11.91
	2022	24.91	42.27	12.71	138.23	141.75	257.04	149.25	153.72	213.02	120.7	0	17.8
TUENSANG	2018	7.63	53.88	125.27	151.49	243.77	377.37	287.68	248.73	247.87	60.2	9.09	40.03
	2019	2.61	48.7	99.59	162.88	273.39	157.28	199.35	162.34	291.45	206.23	26.92	5
	2020	40.44	18.38	13.28	142.11	121.52	204.88	129.9	276.06	286.69	172.02	63.68	0
	2021	5.89	0.43	35.42	30.48	125.83	197.44	219.61	245.62	107.18	87.05	1.3	10.27
	2022	34.18	56.88	21.13	163.48	165.52	269.88	247.28	234.42	251.58	101.12	0	14.94
WOKHA	2018	8.98	19	73.96	120.02	201.87	353.06	325.83	283.53	234.26	43.46	13.29	42.75

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2019	6.47	29.6	68.78	130.39	220.31	177.18	208.66	152.71	265.06	222.16	26.86	4.08
	2020	34.11	16.99	13.28	142.02	113.1	197.01	113.34	263.68	252.47	179.23	62.78	0.15
	2021	4.73	0.3	36.83	29.28	94.9	176.01	205.27	246.39	121.41	83.54	1.53	8.66
	2022	37.05	59.56	17.36	152.71	163.4	258	248.89	242.06	261.12	113.46	0	14.93
ZUNHEBOTO	2018	9.06	19.28	74.43	135.69	259.12	352.87	376.73	279.68	234.82	57.24	5.91	44.19
	2019	2.71	25.02	77.48	130.29	185.1	152.29	151.89	130.2	239.67	241.46	30.47	5.57
	2020	37.32	17.83	11.52	148.33	89.66	188.07	123.7	288.64	278.4	189.05	68	0
	2021	4.14	0	35.15	27.42	85.08	174.07	175.43	248.09	92.83	97.91	0.17	10.93
	2022	32.88	53.12	17.88	142.53	150.9	257.25	195.07	202.43	244.16	104.37	0	16.98
TRIPURA													
DHALAI	2018	7.79	11.54	42.97	171.91	446.87	501.68	239.45	433.26	202.66	129	10.67	13.17
	2019	0.08	37.95	42.89	200.29	348.04	301.48	564.89	283.16	274.25	183.62	55.4	5.25
	2020	37.24	3.28	6.19	190.63	290.47	329.64	212.81	218.44	248.93	308.93	32.31	0
	2021	7.12	0	57.49	61.4	194.12	190.02	258.61	392.44	275.85	133.57	29.87	85.25
	2022	18.25	20.09	30.9	72.73	399.7	378.1	328.86	353.21	210.85	191.52	0.43	7.31
NORTH TRIPURA	2018	6.78	9.34	46.93	161.74	347.21	498.4	257.43	475.27	192.85	135.03	13.22	11.21
	2019	0.32	31.07	52.08	209.29	380.89	337.66	480.21	389.99	300.74	157.99	57.75	4.24
	2020	34.46	3	4.36	160.57	301.94	312.98	229.69	268.02	234.28	322.61	56.33	0.02
	2021	7.13	0	62.02	67.94	225.98	205.14	291.14	382.7	252.53	151.2	21.95	77.2
	2022	16.84	16.27	33.85	95.26	439.62	460.29	408.52	335.58	240.51	182.32	0.32	8.57
SOUTH TRIPURA	2018	1.74	4.52	18.39	299.19	501.31	547.12	443.99	365.22	148.78	118.69	10.71	5.41
	2019	0	53.63	24.14	146.17	249.5	217.96	820.41	201.5	316.93	144.24	77.01	5.77
	2020	45.44	3.66	8.23	190.05	280.71	365.77	250.76	213.14	252.88	268.51	22.22	0
	2021	2.02	0	12.39	28.81	121.22	361.53	495.1	462.17	243.57	125.11	26.73	106.12
	2022	5.11	16.84	27.73	145.59	422.8	348.36	177.7	201.87	223.25	220.05	0.14	2.16
WEST TRIPURA	2018	4.57	14.25	41.21	206.92	645.14	447.27	243.64	262.11	153.44	84.37	14.74	27.25
	2019	0	53.02	44.73	216.11	341.63	288.85	679.05	212.37	224.67	222.8	41.76	7.75
	2020	23.63	1.79	8.49	233.03	333.17	509.27	206.87	181.91	309.35	250.4	14.83	0

DISTRICT	Year	January	February	March	April	May	June	July	August	September	October	November	December
	2021	8.86	0	52.89	40.72	201.99	231.61	333.67	280.74	228.62	118.77	12.31	119.15
	2022	15.41	31.86	42.75	133.05	423.18	383.83	192.76	295.48	238.61	220.72	0.03	5.05

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 – 4.1 Generalised Geological Succession in North Eastern India

Age	Group/ Formation	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, Mottled clay, Grit and Conglomerate.
~~	Unconformity	~~~~~~~~~~~~~~~~~~~~~~~~
Miocene	Tipam	Mottled clay, Sandy shale, Grity sandstone, 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, Illemenite-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 formthe 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 foothill 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 autoflow wells.

A total of 557 Ground Water Monitoring Stations are located in Unconsolidated Formations. During the year 2022-2023, the range of pre and postmonsoon water levels in dugwells varied from 0.15 magl to 2.98 mbgl and 0.36 magl to 18.32 mbgl respectively. The

range of pre and post monsoon water levels in piezometers varied from 1.21 mbgl to 2.98 mbgl and 0.55 mbgl to 26.38 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, 49 GWMS are located. The pre and postmonsoon water levels in dugwells ranged from 0.58 to 22.98 mbgl and 0.29 to 19.03 mbgl respectively. In piezometers, water level ranged from 2.10 mbgl to 15.22 mbgl in pre-monsoon and 0.50 magl to 14.84 mbgl in post-monsoon period.

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 scattered along both northern and southern bank of Brahmaputra River in middle and lower Assam. This formation is mostly comprised 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 48 GWMS are located in consolidated formations. In Dugwells, the range of water levels during pre & post-monsoon varied from 0.90 to 17.59 mbgl and 0.07 to 15.70 mbgl respectively. In piezometers, pre monsoon water level ranged from 0.57 mbgl to 32.78 mbgl and post monsoon water level ranged from 1.32 mbgl to 41.75 mbgl.

6. BEHAVIOUR OF WATER LEVEL DURING THE YEAR 2022-23

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, 2022– 2023 are given in Annexure I, IA 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 levelduring March, 2022 (Fig. 5 and Annexure III)

Arunachal Pradesh

During the month of March 2022, 28 stations were monitored in state. Water level within 5-10 mbgl had been recorded in majority of the wells i.e. 42.86% (12) of the monitored stations of the state. Depth to water level in the range of 0-2 mbgl was observed in 17.86% (5) stations and in the range within 2-5 mbgl in 32.14% (9) stations. Two stations located respectively in East Siang and Papum pare district recorded water level within 5-10 mbgl range. Minimum water level of 0.15 mbgl and maximum water level of 12.19 mbgl had been recorded in Papumpare district during the period.

Assam

In Assam depth to water level scenario in the entire state during March 2022 indicates prevalence of water level mostly in the range of 2-5 mbgl (57.43%, 170 Nos.). Depth to water level in the range of 0-2 mbgl was recorded in 20.27%(60) stations, in the range of 5-10 mbgl in 17.57 % (52) stations and 4.05% (12) stations recorded water level in the range of 10-20mbgl. Two stations located in East Karbi Anglong district recorded water level beyond 20 mbgl. In dugwells, minimum and maximum water levels of 0.17 mbgl and 22.98 mbgl had been recorded in Cachar district and in East Karbi Anglong district respectively. In piezometers, minimum and

maximum water levels of 1.21 magl and 16.75 mbgl had been recorded in Gopalpur OW in Biswanath district and Chapamari OW in Dhubri district respectively.

Shallow water level within 2 mbgl were recorded in the upper parts of the Brahmaputra valley (Sibsagar, Jorhat, Biswanath, Dhemaji and Lakhimpur districts). Dhubri, Barpeta, Kamrup, Kamrup (M), Chirang, and Udalguri districts located in lower part of the Brahmaputra valley also recorded within 2 mbgl. From the Central part of the valley, Nagaon, Morigaon, East and West Karbi Anglong were the districts that recorded water level within 2 mbgl. In the Barak Valley, water level within 2 mbgl was recorded from Karimganj district.

Deeper water levels within the range of 10 to 20 m bgl have been observed from some pockets in Baksa, Dhubri, Darrang, East Karbi Anglong, Udalguri and Morigaon districts.

Meghalaya

During the month of March 2022, monitoring work in Meghalaya was carried out in the nine districts. Water level in the range of 0-2 mbgl was recorded in 13.64% (9) stations, in the range of 2-5 mbgl in 62.12% (41) and in the range of 5-10 mbgl in 18.18% (12) stations. Two stations located in North Garo Hills district recorded water level in the range of 10-20mbl. Water level beyond 20mgl was observed in two stations in Ri-Bhoi district. In dugwells, minimum and maximum water levels of 0.58 mbgl and 5.77 mbgl had been recorded in West Jaintia Hills and East Khasi Hills district respectively. In piezometers, minimum and maximum water levels of 2.17 mbgl and 32.78 mbgl have been recorded in Ri-Bhoi district.

Nagaland

During the month of March 2022, monitoring work in Nagaland state was taken up in Dimapur district only. In the district, one station each, recorded water level in the range of 0-2mbgl and in the range of 2-5mbgl. Most of the monitoring stations (63.64%, 7 nos.) recorded water level in the range of 5-10mbgl. In 2(18.18%) stations water levelwas observed in the range of 10-20 mbgl range.The minimum and maximum water levels of 1.45 magl and 18.04 mbgl had been recorded in stations located at Zakesato and Rilayan respectively.

Tripura

During the month of March 2022, monitoring in 98 stations was carried out. Water level in 14.29% (14) of the monitored stations of the state was recorded within 0-2 mbgl. Water level in the range of 2-5 mbgl was found in 55.10% (54) stations, in the range of 5-10 mbgl in 24.49% (24) stations and in 4.08% (4) stations in the range of 10-20 mbgl, Two stations from West Tripura district recorded water level beyond 20 mbgl. Majority of water level was recorded within 0-5 mbgl.

Minimum water level of 0.75 m above ground level was recorded from dug wells at Manurmukh in South Tripura district and a maximum of 10.30 mbgl at Konkraban in Gomati district. The minimum water level recorded from the piezometers was 3.37 mbgl in Khowai district and the maximum was 28.35 mbgl from West Tripura district.

6.1.2 Depth to Water Level during August 2022 (Fig. 6 and Annexure IV)

Arunachal Pradesh

Depth to water level had been measured in 29 GWMS of the state during the month of August 2022. In 37.93% (11) of the monitored stations the water level was found within 0-2 mbgl, in 48.28% (14) stations water level was in the range of 2-5 mbgl, in 10.34% (3) 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 0.35 m above ground level and 13.04 mbgl had been recorded in Papumpare district.

Assam

During August 2022, depth to water level in majority of the stations (53.99%, 169 Nos.) was found in the range of 0-2 mbgl. Depth to water level in the range of 2-5 mbgl was measuerd in 36.42% (114) stations and in the range of 5-10 mbgl in 7.99% (25) stations. Water level in the range of 10-20 mbgl was recorded in 4 (1.28%) stations located in East Karbi Anglong and Dhubri district. Water level beyond 20mbgl was observed only in one station. In dugwells, the minimum water level of 0.13 m above ground level in Karimganj district and the maximum water level of 23.47 mbgl had been recorded in East Karbi Anglong district. In piezometers, the minimum water level of 0.50 magl at Mukamcherra in Karimganj district and maximum of 22.66 mbgl had been recorded in East Karbi Anglong district.

Meghalaya

During August 2022, water level within 0-2 mbgl was recorded in 47.89% (34) of the monitored stations, in the range of 2-5 mbgl in 39.44% (28) stations, in the range of 5-10 mbgl in 8.45% (6) stations. Water level in the beyond 20mbgl had been observed in 3 stations located in East Jaintia Hills and Ri-Bhoi district. In dugwells, the minimum water level of 0.05 mbgl was recorded in Ri-Bhoi district and maximum water level of 6.64 mbgl was recorded in West Garo Hills district. In piezometers, the minimum water level 2.03 mbgl had been recorded in in Ri-Bhoi district and maximum of 41.40 mbgl in East Jaintia Hills district.

Nagaland

During August 2022,water level had been monitored only in Dimapur district of the state.Water level in 27.27% (3) of the monitored stations had been recorded within 0-2 mbgl and in 33.36% (4) stations in the range of 2-5 mbgl and 33.36% (4) stations show water level between 5-10 mbgl. The minimum and maximum water level had been recorded as 0.41 mbgl and 9.95 mbgl.

Tripura

During the month of August 2022, water level in the state was mostly observed (83.16%, 79 stations.) within 5mbgl. Water level in the range of 0-2 mbgl was recorded in 22.22% (24) of the monitored stations, in the range of 2-5 mbgl in 50% (54) stations, in the range of 5-10 mbgl in 23.15% (25) stations. Four stations located in Khowai, South Tripura and West Tripura district recorded water level in the range of 10-20 mbgl. Only in one station, the water level was observed beyond 20 mbgl. Majority of water level was recorded within 0-5mbgl. In dugwells, the minimum water level of 0.08 mbgl was recorded in North Tripura district and the maximum water level of 6.84 mbgl was recorded in Dhalai district. In piezometers, minimum water level of 2.90 mbgl and maximum of 27.77 mbgl had been recorded in Khowai and in West Tripura district respectively.

6.1.3 Depth to water level during November 2022 (Fig. 7 and Annexure V)

Arunachal Pradesh

During the month of November 2022, groundwater level in the state was recorded in 34.48% (10) of the monitored stations within 0-2 mbgl, in 37.93% (11) stations in the range of 2-5 mbgl and in 24.14% (7) stations in the range of 5-10 mbgl. Water level in the range

of 10-20 mbgl was recorded only in one station. Both the minimum and maximum water levels of 0.36 m above ground level and 10.93 mbgl had been recorded in Papumpare district.

Assam

Depth to water level scenario in the state during November 2022 indicate water level within 5 mbgl (89.13%, 287 Nos.) in major part of the state. Depth to water level in the range of 0-2 mbgl was recorded in 45.96% (148) stations, in the range of 2-5 mbgl, in 43.17% (139) stations and in the range of 5-10 mbgl in 8.39% (27) stations. Water level in the range of 10-20 mbgl was recorded in 8(2.48%) stations located in Dhubri, East karbi Anglong and West Karbi Anglong district. From the dugwells, the minimum water level of 0.1 mbgl was recorded in Dhemaji district and a maximum of 19.03 mbgl in East Karbi Anglong district. In piezometers, the minimum water level of 0.5 mbgl was recorded in Karimganj district and a maximum of 23.30 mbgl in East Karbi Anglong district.

Meghalaya

During the month of November 2022, water level in the range of 0-2 mbgl was recorded in 44.44% (32) of the monitored stations in the state. In 41.67% (30) stations, it was recorded in the range of 2-5 mbgl, in 6.94% (5) stations in the range of 5-10mbgl, and in 2.78% (2) stations in the range of 10-20mbgl. Water level beyond 20 mbgl was recorded from three (3) stations located in East jaintia Hills and Ri-Bhoi district. From dugwells, the minimum water level of 0.07 mbgl was recorded in Ri-Bhoi district and the maximum water level of 6.73 mbgl was recorded in West Garo Hills district. In Piezometers, the minimum water level of 2.03 mbgl was recorded at Nongladew of Ri-Bhoi district and a maximum of 41.75 had been recorded in East Jaintia Hills district.

Nagaland

During November 2022, water level in the state was monitored only in Dimapur district. Water level was recorded in 23.08% (3) of the monitored stations within 0-2 mbgl, in 30.77% (4) stations in the range of 2-5 mbgl, in 38.46% (5) stations in the range of 5-10 mbgl and in 1 (7.69%) station in the range of 10-20 mbgl. The minimum and the maximum water level had been observed as 0.45 mbgl and 10.04 mbgl respectively.

Tripura

During the month of November 2022, water level in major part of the state (82.69%, 86 stations) was observed within 5 mbgl. Water level in the range of 0-2 mbgl was found in 25.96% (27) of the monitored stations, in the range of 2-5 mbgl in 56.73% (59) stations and in the range of 5-10 mbgl in 11.54% (12) stations. Five stations located in Khowai, South Tripura and West Tripura recorded water level in the range of 10-20 mbgl. Water level above 20 mbgl was recorded from one station in West Tripura district. The minimum water level of 0.55 mbgl in dugwell and 2.34mbgl in piezometer had been recorded in South Tripura district and Dhalai district respectively. The maximum water level recorded from dugwells was 9.74 mbgl in in Gomati district and from piezometers the maximum water level recorded was 21.2 mbgl in West Tripura district. Two piezometers in South Tripura district were found to be auto flowing as well.

6.1.4 Depth to Water level during January, 2023 (Fig. 8 and Annexure VI)

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 January 2023, groundwater level within 0-2 mbgl was recorded in 23.33% (7) of the monitored stations, in 33.33% (10) stations in the range of 2-5 mbgl, in 33.33% (10) stations ranging from 5 to 10 mbgl and in 10.0 % (3) GWMS was from 10 and 20 mbgl. The minimum water level of 0.05 m below ground level and a maximum of 11.47 mbgl were recorded from Papumpare district.

Assam

During the month of January 2023, water level in 262 (79.15%) stations have been recorded within 5 mbgl. However, water level in the range of 2.0 to 5.0 was observed in major part of the state. A total of 78 (23.56%) stations recorded water level in 0-2m, 184 (55.59%) in 2-5m, 17.52% (10) stations recorded water level from 5-10 mbgl and 3.02% (10) stations from 10 to 20 mbgl. Water levels ranging from 10 mbgl and 20 mbgl have been observed from Baksa, Darrang, Dhubri , Nalbari, and Sibsagar districts. Water level in beyond 20mbgl was recorded only in one station was recorded in East Karbi Anglong district. The minimum water level of 0.15 mbgl had been observed in Cachar district. The maximum water level of 20.34 mbgl had been recorded in East Karbi Anglong district.

Meghalaya

The Depth to water level measured during January 2023 indicates water level in the range of 2-5 mbgl in majority (69.355%) of the GWMS. Water level within 0-2 mbgl was recorded in 17.74% (11) stations, in the range of 2-5 mbgl in 51.61% (32) stations and 20.97% (13) stations within the range from 5-10 mbgl. Water level in the range of 10 to 20 mbgl had been observed only in 1 station located in North Garo Hills district. Five stations (piezometers), one in East Jaintia Hills, two in Ri-Bhoi district and two in West Garo Hills recorded water level beyond 20mbgl.

The minimum water level recorded from dug wells was 0.1 mbgl from East Khasi H district and the maximum was 7.98 mbgl from West Garo Hills district. In piezometers, the minimum water level recorded was 1.96 mbgl from East Khasi Hills and the maximum was 32.38 mbgl from Ri Bhoi district.

Nagaland

During the month of January 2023, 13 stations were monitored in Dimapur district. The depth to water level in maximum stations was found mostly to be within 5 mbgl. 7.7% (1) monitored station exhibited water level within 0-2 mbgl, 38.5% (5) stations in the range of 2-5 mbgl, 38.5% (5) stations from 5-10 mbgl and 15.3% (2) stations from 10 to 20 mbgl. The minimum and maximum water level had been recorded as 1.87 mbgl and 12.4 mbgl.

Tripura

During the month of January 2023, in 77% (77) of the monitored stations of the state water level was recorded within 5 mbgl. Water level in the range of 0-2mbgl was recorded in 18 (18%) stations, 2-5mbgl was found in 59% (59) stations and in the range of 5-10 mbgl in 17% (17) stations. Water levels within the range of 10 to 20 mbgl was observed in 5 (5%) stations. Majority of water level was recorded in the range of 2-5 mbgl. In dugwells, the minimum water level of 1.05 mbgl was recorded in Satnala, North Tripura district and the maximum of 10.58 mbgl was recorded in Konkraban, Gomti District. In piezometers, a minimum of 10.7 mbgl had been recorded in Narsingarh DTW in West Tripura district and a maximum of 28.03 mbgl in Nagicherra1 in West Tripura district respectively.

6.2 Water Level Fluctuation with respect to August 2022

6.2.1 Water Level Fluctuation; August 2022 and March 2022(Fig. 9 and Annexure VII)

Arunachal Pradesh

During august 2022, monitoring was carried out in Changlang, East Siang, Lohit, Lower Subansiri, Papumpare and Tirap districts of Arunachal Pradesh. A total of 26 stations were analysed. Rise had been recorded in 42.32% (11) stations in the range of 0-2 m and in 42.32% (11) stations in the range of 2-4 m. Rise above 4 m had been recorded in 11.5% (3) stations. Fall in water level was observed only in one station, in the range of 0-2m; located in Papumpare district.

Assam

In Assam, a total of 267 stations were analysed and 91.3% (244) stations indicated rise in water level during August, 2022 in comparison to March 2022. Rise was recorded in 63.7% (170) stations in the range of 0-2 m and in 22.4% (60) stations in the range of 2-4 m. Fourteen (5.2%) stations in Baksa, Bongaigaon, Darrang, Dhubri, East Karbi Anglong, Goalpara, Hojai, Morigaon, Nagaon and Tinsukia districts in the Brahmaputra valley indicated rise above 4 m. In Barak valley, rise above 4 m has been observed in Cachar and Hailakandi districts. Fall was observed from some pockets in Cachar, Chirang, Golaghat, Jorhat, Kamrup, Kamrup (M), Lakhimpur, Morigaon and Nagaon districts. Fall in the range of 0-2 m was recorded in 21 stations (21.87%). Only one station recorded fall in the range of 2-4 m (Kamrup district) and one above 4 m in East karbi Anglong district.

Meghalaya

Comparison water level of August 2022 with March 2022 in Meghalaya indicate rise in water level in all the stations, except in one station located in East Khasi Hills district. Maximum rise was observed in the range 0-2 m and was recorded in 37 (56.92%) stations. Rise within the range of 2-4 m was recorded in 24 (36.9%) stations. Three wells located in East Khasi Hills and Ri-Bhoi district indicated rise above 4m. The fall was observed within 2m.

Nagaland

During August 2022, in Dimapur district of Nagaland state, rise in water level was observed in majority of the stations as in comparison to that of March 2022. Rise in the

range of 0-2 m was recorded in 2 (20%) stations and above 4 m in 5 (50%) stations. Fall within the range 0-2 m was recorded in three stations.

Tripura

In Tripura, majority of the GWMS recorded rise in water level during the month of August 2022 as in comparison to that of March 2022. Rise was observed in 72 (83.7%) stations; out of which 47 (54.65%) stations were found in the range of 0-2 m, 17 (19.77%) stations in the range of 2-4 m and in 8 (9.3%) stations rise above 4 m was recorded. Rise above 4m had been recorded from stations located in Dhalai, Gomati, North Tripura, South Tripura and Unakoti districts. Fall in water level was observed in some pockets from all the districts and was recorded in 16.3% (14) stations. Entire fall was recorded within 0-2 m range except in 2 stations which indicated fall in the range of 2-4 m.

6.3 Water Level Fluctuation with respect to November 2022

6.3.1Water Level Fluctuation; November 2022 and March 2022 (Fig. 10 and Annexure VIII)

Arunachal Pradesh

Comparison of water level of November 2022 and March 2022 indicates rise in water level in 76.9% of the GWMS during November 2022. Rise was recorded in 14 (53.9%) of the GWMS in the range of 0-2 m and in 3 (11.5%) stations in the range of 2-4 m. Rise in water level above 4m was observed from 3 stations located in East Siang, Lohit and Lower Subansiri districts. Entire fall was recorded in 6 (23.08%) stations within the range of 0-2m located in Changlang, East Siang, Papumpare and Tirap districts.

Assam

Water level data collected during November, 2022 shows rising trend in the state. Rise has been recorded in 242 (89.96%) of the monitored stations as compared to that of March, 2022. Rise within 2 m has been observed in 190 (70.63%) stations and in the range of 2-4 m in 411(15.24%) stations. Rise above 4m 11 stations,4.09%) had been observed in some pockets in Baksa, Goalpara, Biswanath, Cachar, East Karbi Anglong, Golaghat, Jorhat, Morigaon and Nagaon district. Fall was recorded in 27(10.04) stations; out of which 22 (8.18%) stations were within 0-2m and 4(1.49%) stations were in the range of 2-4 m. Fall above 4 m had been observed only in one station located in West Karbi Anglong district. Fall was observed from some pockets in Biswanath, Chirang, Dhubri, Goalpara, , Cachar, East Karbi Anglong, Hojai, Jorhat, Kamrup, Kamrup (M), Lakhimpur, Nalbari,

Tinsukia, Morigaon, Nagaon and West Karbi Anglong district. The occurrence of 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 2022 with that of March 2022 indicates rise in 59 (90.76%) stations during November 2022. Rise was recorded in the range of 0-2 m in 36 (55.38%) stations and in the range of 2-4 m in 18 (27.69%) stations. Rise above 4m was recorded in 5 (7.69%) stations located in East Khasi Hills, Ri-Bhoi, South West Garo Hills and West Garo Hills district. Fall was recorded in 6 (9.23%) stations. Entire fall was within 2m and was observed in pockets in East Garo Hills, East Khasi Hills, North Garo Hills, West Garo Hills and West Jaintia Hills district.

Nagaland

Comparison of water level of November 2022 with that of March 2022 indicates rise in majority of the stations during November 2022. Rise was recorded in the range of 0-2 m in 18.18% (2) stations and above 4m in 54.55% (6) stations. Fall was recorded in 3 (27.27%) stations. Entire fall was within 2m.

Tripura

Most of the GWMS recorded rise in water level during November 2022 in comparison to March 2022. Rise in the range of 0-2m was recorded in 65 (69.15%) stations and in 16 (17.02%) stations in 2-4 m range. Rise above 4 m was observed in 3 (3.19 %) stations located in North Tripura and South Tripura district. Fall was recorded in 8 (8.51%) GWMS within the range of 0-2 m and 2 (2.13%) stations in n 2-4 m range. Fall was observed in pockets in Dhalai, Gomati, Khowai, North Tripura, Sipahi-Jala and South Tripura district.

6.4 Water Level Fluctuation with respect to January 2023

6.4.1 Water Level Fluctuation January 2023 and March 2022 (Fig. 11 and Annexure IX)

Arunachal Pradesh

By comparing the water levels of January 2023 with that of March 2022 it was found rise was observed in majority (71.43%) of the station during January 2023. Rise was

recorded in 57.14% (16) stations in the range of 0-2 m and in 4 (14.29%) station in the range of 2-4m. The fall in the range 0-2m was observed 21.43% (6) stations and in the range of 2-4m in two station.The maximum rise and fall had been recorded in East Siang and Papumpare district respectively.

Assam

During January 2023 risel in water level was observed in majority (61.29%) of the stations in comparison to that of March 2022. Rise in the range of 0-2 m was recorded in 54.48% (152) stations, in the range of 2-4 m in 6.09% (17) stations and in 2 stations in >4m range.

Fall in water level was observed in 38.71% (108) stations, out of which 34.77% (97) of the stations were in the range of 0-2 m, 3.58% (10) stations in range of 2-4 m, and in one station above 4 m. Fall above 4m was recorded in stations located in Kamrup district. Both rise and fall had been observed in all over the districts.

Meghalaya

By comparing the water levels of January 2023 with March 2022 it was observed rise in in majority (64.29%) of the stations during January 2023. Rise was observed in 31 (55.36%) stations in the range of 0-2m and 5 (8.93%) station in the range of 2-4m. Fall was recorded in 33.93% (19) stations in the range of 0-2m and only in 1 station located in East Garo Hills district recorded fall in the range of 2-4 m.

Nagaland

By comparing the water levels of January 2023 with March 2022, rise was observed in majority (63.64%) of the stations during January 2023. Rise was observed in 1 (9.09%) station each in the range of 0-2m and 2-4m and in 5 (45.5%) stations in the range of >4m. Fall in the range of 0-2m was observed in 3 (27.3%) stations and in 1 (9.1%) stations in 2-4m range.

Tripura

Comparison of water levels of January 2023 and March 2022 indicates rise during January 2023 in 73.03% (65) and fall in in 26.97% (24) monitored stations. Rise in the range of 0-2 m was observed in 59.55% (55) stations, in 10 (11.24%) station in the range of 2-4 m and in the range >4m in two stations. Fall in water level was observed in all of the state except in West Tripura district. Fall had been recorded in the range of 0-2 m in 24.72%

(22) stations and in two stations in 2-4m range in the districts of South Tripura and Sipahi-Jala district.

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

6.5.1 Water Level Fluctuation: March 2021 and March 2022 (Fig. 12 and Annexure X)

Arunachal Pradesh

Comparison of water levels of March 2021 and March 2022 indicated fall in 10 (38.46%) stations in the range 0-2 m and 11.54% (3) station in the range between 2-4 m during March 2022. Rise was observed in 11 (42.31 %) stations in the range 0-2 m, one station (3.85%) each in the range of 2-4 m and beyond 4m. A total of 26 stations were analyzed in the in the state.

Assam

Rise in water level in 53.66 % (110) stations of the state was observed during March 2022 in comparison to that of March 2021. In 103(50.24 %) stations rise was recorded in the range of 0-2m and in 5 (2.44%) stations in the range of 2-4m and 2 (0.98 %) stations in above 4 m. In total, 95 (46.34 %) stations indicated fall; of which 89 (43.41%) are within 2m, 5 (2.44%) station in 2-4 m range and 1 (0.49%) station above 4m.

Rise was recorded mostly in Tinsukia, Dibrugarh, Biswanath, Sonitpur, Barpeta and Udalguri district in the Brahmaputra valley. Fall was observed in major parts of Dhubri, Bongaigaon, Goalpara, Kokrajhar, Hojai, Nagaon and Morigaon district. In the Barak valley fall was recorded in major parts.

Meghalaya

Comparison of water level of March 2022 with that of March 2021 indicate rise during March 2022 in 40% (20) of monitored stations and 60% (30) stations show falling trend. Fall in 52 % (26) stations had been found within 2m, while the fall in the range of 2-4m is recorded in 8% (4) stations. Entire rise was recorded in 0-2m range.

Nagaland

In the state, only one station located in Dimapur district was monitored. Fall in water level was observed in the station in March 2022 with respect to March 2021.

Tripura

In Tripura, rise in water level was recorded in 41(43.2%) stations and fall in 54 (56.8%) stations in March,2022 in comparison to March, 2021.Fall was recorded in major parts of Dhalai, Gomati, Sipahijala, Unakoti and West Tripura district. Rise was recorded mostly in south Tripura district.

6.5.2 Water Level Fluctuation: August 2022 and August 2021 (Fig. 13 and Annexure XI)

Comparison of water levels of indicated fall in water level in the state, in 14(60.87) stations w.r.t. August 2021. Fall was recorded in 56.52 % (13) stations in the range 0-2 m and only in 1 (4.35 %) station in the range of 2-4 m. Rise was observed in 39.13% (9) stations. Entire rise was recorded in the range 0-2 m.

Assam

Water level monitored during August 2022 show fall in 56.87%(149)stations and rise in 43.13 % (113) stations as compared to that of August August 2021 data. In 51.91% (136) stations, fall has been recorded within 2.0 m and in 4.2% (11) stations in the range of 2-4 m. Fall above 4m has been observed only in 0.76% (2) stations. Rise in water level has been restricted to 4 m only. Rise was recorded mostly in the range of 0-2 m and was recorded in 41.22 % (108) stations.. Only three stations, one each in Morigaon, Nagaon and Bongaigaon district recorded rise in the range of 2 to 4m. Fall was observed in major parts of Barpeta, Bongaigaon, Darrang, Dhubri, Kokrajhar, Nalbari, East Karbi Anglong, Nagaon, Sonitpur, Biswanath, Lakhimpur and Sibsagar district in the Brahmaputra valley and in Cachar district of Barak valley. Rise was recorded mostly in Dhemaji, Goalpara, Goaghat, Jorhat, Kamrup(M),Tinsukia, Udalguri and West Karbi Anglong district. In Barak valley rise has been observed mostly in Karimganj district.

Meghalaya

Comparison of water level of August 2022 with that of August 2021 indicate rise during August 2022 in 34.21 % (13) of monitored stations and fall in 65.79%(25) stations. Entire rise and fall had been observed within 2m except in one station in Ri-Bhoi district.The fall had mostly been recorded in East Garo Hills, East Khasi Hills, West Jaintia Hills, South West Garo

Hills and West Khasi Hills district. Rise was recorded mosly in North Garo Hills and Ri-Bhoi district.

Nagaland

Comparison of water level of August 2022 with that of August 2021 indicate rise during August 2022 in 80 % (8) of monitored stations and fall in 20% (2) stations. Fall was observed only in 2 (20%) stations within 4m. Rise was recorded in 40% (4) stations in 0-2 m range and 20% (2) stations each in the range of 2-4 m and beyond 4m.

Tripura

In Tripura, rise in water level was recorded in 46.67%(42) stations and fall in 53.33%(48) stations during August 2022 in comparison to that of August 2021. Rise in the range of 0-2 m was recorded in 36 (40%) stations and in the range of 2-4m in 5(5.56%) stations. Rise beyond 4m has been observed only in one station in Gomati district. Fall was observed in 38(42.22%) stations within 2m and in 9(10%) stations in the range of 2-4 m and only in one station beyond 4m located in West Tripura district. Fall was recorded in major parts of Gomati, North Tripura, Sipahi-Jala, South Tripura, Unakoti and West Tripura district. Rise was observed mostly in Dhalai and Khowai district.

6.5.3 Water Level Fluctuation: November 2022 and November 2021 (Fig. 14 and Annexure XII)

Arunachal Pradesh

Comparison of water levels of November 2022 and November 2021 indicated fall in water level in 12 (52.2%) stations rise in 11 (47.8%) stations The fall has been observed mostly in stations located in Changlang, East Siang, Papumpare and Tirap district. All the stations located in Lohit and lower Subansiri district indicated rise. Both rise and fall in water level had been recorded mostly within 2 m.

Assam

Water level monitored during November, 2022 show fall in 105 (39.47%)stations and rise in 161 (60.53%) stations as compared to that of November 2021 data. Rise and fall within 2 m has been recorded in 141(53.01%) stations and 96 (36.09%) stations respectively. Five (1.88%) stations indicated fall in the range of 2 to 4m and 4(1.5%) stations above 4 m. Rise in

water level in the range of 2-4 m and above 4 m had been observed in 14(5.26% and 6(2.26%) stations respectively. Fall in water level is mostly recorded in Biswanath, Hojai, Dibrugarh, Kokrajhar, Morigaon and Sonitpur district of the Brahmaputra valley. Rise has been observed in major parts of Baksa, Barpeta, Bongaigaon, Chirang, darrang, Dhemaji, Dhubri, East karbi Anglong, Goalpara, Golaghat, Jorhat, Kamrup,Kamrup (M), Lakhimpur and Udalguri district. In Barak valley , fall in water level has been recorded in major part of Karimganj district. Rise was recorded mostly in Cachar and Hailakandi district.

Meghalaya

In comparison to November 2021, fall in water level was recorded in 38.8% (26) monitored stations and rise in 61.2 (421) stations during November 2022. Most of the rise and fall were restricted to 2m, Only 4 (5.97%) stations recorded fall and 3 (4.48%) stations recorded rise in the range of 2-4m.

Nagaland

In Nagaland, analyses of 12 stations was done located in Dimapur district. During November 2022, rise in water level was observed in 75% (9) of the monitored stations and fall in 3(25%) stations. Rise and fall above 4m had been observed in 4(41.7%) stations and 1(8.3%) station respectively.

Tripura

Comparison of water level data of November, 2022 with that of November, 2021 indicated fall in 39(39.4%) stations and rise in 60(60.6%) stations. All the rise and fall had been observed mostly within 2 m. Five (5.05%) stations recorded fall and 4 (4.04) stations recorded rise in the range of 2-4m. Only one station in West Tripura district recorded rise above 4 m.

Fall has mostly been observed in Gomati and Khowai district. Rise has been recorded in major part of Dhalai, North Tripura, Sipahi-Jala, Unakoti and West Tripura district.

6.5.4 Water Level Fluctuation: January 2022 and January 2023 (Fig. 15 and Annexure XIII)

Arunachal Pradesh

Fall in water level during January 2023 had been observed in most of the stations of the state in comparison to January 2022 data. Rise was observed in 44% (11) stations and fall in 56% (14) stations. Both Rise and fall in water level was observed within 2m.

Assam

Water level measured during January'23 show fall in 131 (44.7%) stations and rise in 162 (55.3%) stations as compared to that of January 2022. Most of the rise and fall were within 2 m. In 159 (54.3%) stations rise had been recorded within 2 m and 3 (1.02%) wells show rise in 2-5m range. Fall within 2 m had been measured in 118 (40.27%) stations and 2.39% (7) wells show fall in 2-5m range. Fall above 4m was observed in 6 stations. Rise and fall in water level had been recorded in all most all the districts of Assam.

Meghalaya

During January 2023, a general both rise and fall in water level was observed in the state in comparison to January 2022 data. In 51.72% (30) stations fall was recorded all in the range of 0-2 m and 48.3% (28) stations show rising trend; of which 26 (44.8%) wells are in the range of 0-2 m and two stations are in 2-4m range.

Nagaland

Comparison of water levels of stations located in Dimapur district of the state indicate rise was recorded in 5 (38.56%) wells and fall was recorded in 8 (61.54%) wells during January, 2023 with respect to January, 2022 data. Rise in 0-2m range was observed in 3 wells and rise >4m range was observed in 2 wells. Fall in four wells both in 0-2m and 2-4m respectively was observed in the district.

Tripura

A total of 96 wells were analysed in Tripura state. During January, 2023, rise in water level was observed in 51.04% (49) wells and fall in 48.96% (47) wells in comparison to January 2022. In 41.7% (40) stations rise was in the range of 0-2m, in8.33% (8) stations rise was in 2-4m range and rise in >4m was observed in one station in the district of Dhalai. Fall in the range of 0-2m was observed in 45.83% (44) stations, in the range of 2-4m in two stationa and one station show fall in >4m range in the district of West Tripura.

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

Water level of a Ground Water Monitoring Station of a particular month is compared with the mean water level data of preceding ten years of the same month to know any deviation i.e., rise and fall in long term water level trend.

6.6.1 March 2022 and Decadal Mean March 2012-2021 (Fig. 16 and Annexure XIV)

Arunachal Pradesh

March 2022 water level had been compared with mean water level data of the same period of preceding 10 years. Rise in water levels has been recorded in 12(60%) stations and fall in 8(40%) stations. Rise within 2m was recorded in 7(35%) stations and above 4m in 5(25%) stations. Decline in water level was observed only in the range of 0-2 m, in 40% (8) stations.

Maximum rise of 1.88 m and maximum fall of 1.42 m had been observed in Changlang and Tirap district respectively.

Assam

Comparison of March 2022 water level with mean water level data of the same period of preceding 10 years indicates that 134 (64.1%) stations recorded rise in water level and fall in 75 (35.9%) stations. The rise ranges from 0.02 to 5.52 m and the fall ranges from 0.02m to 9.49m. Both the rise and fall in water levels were mostly within 2.0 m. Rise and fall occur in nearly all districts. Rise in water level within 2 m was observed in 111(53.1%) stations and in the range of 2-4 m in 20(9.57%) stations. Only three stations located in Baksa, Cachar and East Karbi Anglong district recorded rise beyond 4m. Fall was recorded in 32.54% (68) stations in the range of 0-2 and in 2.39% (5) stations in the range of 2-4 m. Fall beyond 4m was observed in two stations only located in East Karbi Anglong and Morigaon district. In major parts of the state rise had been recorded. Fall has been recorded in major parts of Biswanath, Sonitpur and Tinsukia district. Rise in water level had been recorded in the range of 0.02 to 5.52 m and the fall in the range of 0.02 to 9.49 m. Both the maximum rise and maximum fall had been recorded in East Karbi Anglong district.

Meghalaya

The comparison of March 2022 water level data to the decadal mean of preceding ten years reveals that 59.46% (22) monitored stations recorded rise and 15 (40.54%) stations recorded fall. The entire rise and fall had been recorded within 2 m except in one sation, located in East Khasi Hills district indicated fall of 2.13m. The rise ranged from 0.05m to 1.73m and the fall ranged from 0.04 m to 2.13 m.

Nagaland

The analysis of water levels of stations located in Dimapur district reveals that 2 (40%) stations recorded rise and 3(60%) stations recorded fallduring March 2022 in comparison to decadal mean data of preceding years. The entire fall and rise have been recorded within 4 m. The rise ranged from 0.24m to 3.62m and the fall ranged from 1.04 m to 2.32 m.

Tripura

Comparison of March 2022 water level data with the mean of the same period of preceding 10 years indicated both rise in 52.9% (27) stations and fall in24 (47.1%) stations . The entire rise was within 2 m. Fall was recorded in 43.14% (22) stations in the range of 0-2 m and in 3.92% (2) stations in the range of 2- 4 m. All the stations located in South Tripura district recorded rise in water level. In other districts both rise and fall were observed in parts.

The rise was found in the range of 0.01-1.59 m. The decline was recorded in the range of 0.03-3.96 m.The minimum and maximum fall were recorded in Siphaihijala and North Tripura district respectively.

6.6.2 August 2022 and Decadal Mean August 2012-2021 (Fig. 17 and Annexure XV)

Arunachal Pradesh

Water level collected during August, 2022 had been compared with mean water level data of the same period of preceding 10 years. Rise had been observed in 7(36.8%) stations. Fall in water levels was recorded in 12(63.2%) stations. The entire rise and fall had been observed within 2 m except in one station; located in Papumpare distrct. Both rise and fall had been recorded in Changlang, Papumpare, Tirap and East Siang district. Maximum rise of 1.84 m and maximum fall of 2.29 m were recorded in Lohit and Papumpare district respectively.

Assam

August 2022 water level have 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 51.76% (103) stationsand 42.71% (85) stations is in the range of 0-2 m, in 1.01% (2) stations in the range of 2-4 m and in 8.04% (16) stations in the range of >4 m.Falling trend was recorded in 48.25% (96) stations; of which 45.23% (90) stations are in the range of 0-2 m, in 2.01% (4) station in the range of 2-4 m and two stations show fall in the range >4 m. The minimum and maximum rising of 0.01 m and 2.67 m was recorded in Sonitpur and Hojai district respectively. The

minimum and maximum falling water level of 0.01 m and 4.24 m have been recorded from Biswanath and East Karbi Anglong district respectively.

Meghalaya

A total of 30stations were analysed for August 2022 water level with the mean water level of the same period of preceding 10 years. A total rise of 66.63% (20) stations and a total decline of 33.33% (10) stations were recorded.Rise in 0-2 m range was recorded in 53.3% (16) stations and four stion in >4 m range.Minimum rise of 0.01 m and maximum rise of 1.47 m was recorded at North Garo Hills and West Garo Hills district respectively.Fall in the range of 0-2 m was recorded in 33.33% (10) stations. Water level falling trend of 0.07 m to 0.79 m was recorded for the state.

Nagaland

The analysis of water levels of stations located in Dimapur district reveals that 5 (55.6%) stations recorded rise and 4(44.4%) stations recorded fall during August 2022 in comparison to decadal mean data of preceding years. The entire fall and rise have been recorded within 4 m. The maximum rise and maximum fall had been recorded as 3.32m and 3.49m respectively.

Tripura

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 in all of the districts.Rising trend was in 34.15% (14) stations are in the range of 0-2 m, 4.88% (2) stations in 2-4 m and , 4.88% (2) stations in 2-4 m and 9.76% (4) stations in the range of >4m. Falling trend was recorded in 39.02% (16) stations in the range of 0-2 m, 9.76% (4) stations in 2-4 m and one station above 4 m range.The declining trend ranges from 0.1 to 5.03 m.The rising water level trend ranges from 0.11 to 4.29 m. The maximum rise and falling value was recorded in Gomati and Dhalai district respectively.

6.6.3 November 2022 and Decadal Mean November 2012-2021 (Fig.18 and Annexure XVI)

Arunachal Pradesh

Comparison of November 2022 water level with mean of the same period of preceding 10 years indicate rising trend in 57.90 % (11) GWMS. Rise was recorded in 31.58% (7) stations in the range of 0-2 m and 26.32% (5) stations in the range of >4m.The rise ranges from 0.03 to 1.42 m.Total fall was recorded in 42.11% (8) of the stations and 31.58% (6) stations in the range of 0-2 m and 10.53% (2) stations in the range of 2-4 m. Declining range ranged from 0.07 m to 2.75 m.The maximum rising and the falling trend in water level had been recorded in Tirap and East Siang district respectively.

Assam

Comparison of November 2022 water level with mean of the same period of preceding 10 years indicate rising trend in 58.90% (129) GWMS.Rise in the range of 0-2 m was recorded in 56.16% (123) stations and in the range of 2-4 m in 1.83% (4) stations. Declining water level was observed in 39.73% (87) stations in the range of 0-2 m, in 0.91% (2) station in the range of 2-4 m and in 0.46% (1) station above 4 m. Most of the rising and declining trends had been found within 2 m. The rise ranges from 0.01 m to 4.77 m and the fall ranges from 0.01 to 6.32 m. The maximum rising and the falling trend in water level had been recorded in West Karbi Anglong and East Karbi Anglong district respectively.

Meghalaya

Comparing November 2022 water level with mean of the same period of preceding 10 years it was found that 56.1% (23) stations indicated rise and 43.9% (18) stations indicated fall in water level during November 2022. Entire fall was found within 2m. Rise was recorded in 48.78% (20) stations in the range of 0-2 m and in 7.32% (3) station in 2 to 4 m range. The rise and decline in water level had been found in the range of 0.01 to 2.32 m and 0.02 to 1.48 m respectively. Both the maximum rise and fall in water level had been recorded in West Garo Hills district.

Nagaland

Twelve stations of Dimapur district were analysed for November 2022. Comparison of November 2022 water level with mean water level data of the same period of preceding 10 years indicated both rise and fall in water level. Rise in the ranges of 0-2 m and 2-4 m was observed in equal no. of stations i.e, 4 (33.3%) stations. One station recorded above 4 m. Fall

in the range of 0-2 m was found in 2(16.67%) stations and in one station in the range of 2- 4m. Maximum rise and maximum fall were recorded as 5.02 m and 2.44 m.

Tripura

November 2022 water level had been compared with mean water level data of the same period of preceding 10 years and it was observed that 48% (24) stations indicated rise and 52% (26) indicate falling trend. Fall was recorded in 44% (22) stations in the range of 0-2 m and in 8% (4) stations in range between 2 to 4 m range. Rise in the range of 0-2 m was recorded in 32% (16) stations, in the range of 2-4 m in 4% (2) stations and 12% (6) in the range of >4 m. The rising and declining trend range from 0.02 m to 4.07 m and 0.03 to 3.29 m respectively. The maximum rising trend has been recorded from West Tripura district and the maximum declining trend in water level has been recorded from Khowai district.

6.6.4 January 2023 and Decadal Mean, January 2013-2022 (Fig.19 and Annexure XVII)

Arunachal Pradesh

Water level monitored during January 2023 had been compared with mean water level data of the same period of preceding 10 years. Rise in water level had been recorded in 9 (45%) stations all in the range of 0-2m and fall in 11 (55%) stations. Fall in the range of 0-2m was observed in 9 (45%) stations and in two stations in 2-4m range in comparison to decadal mean. Maximum rise of 0.66 m and maximum fall of 2.85 m had been recorded in Papumpare and East Siang district respectively.

Assam

Analysis of water level data reveals rise in 124 (52.8%) stations and fall in 111 (47.23%) stations with repect to decadal mean of preceding years. Most of the rise and fall were within 2 m. Rise and fall within 2 m have been observed in 118 (50.2%) stations and 105 (44.7%) stations respectively. Six stations each in the range of 2 to 4 m indicated rise and fall respectively. Rise and fall was observed in all the districts in parts. However, rise was recorded in major part of Baksa, Barpeta, Biswanath, Golaghat and Kokrajhar district of the Brahmaputra valley. Similarly, major part of Dhemaji, Goalpara and Lakhimpur district indicated fall. The maximum rise of 2.52 m and maximum fall of 3.99 m had been recorded in Udalguri and East Karbi Anglong district respectively.

Meghalaya

Comparing January 2023 water level with mean of the same period of preceding 10 years it was found that 34.1% (16) stations indicated rise all in the range of 0-2mand 65.9% (31) stations recorded fall in water level during the period. Fall in water level was observed in 59.57% (28) stations in the range of 0-2 m and three station located in east Garo hills, North Grao hills and West Garo Hills district recorded fall in the range of 2-4 m.The maximum rise and maximum decline of water level had been recorded as of 1.54 m and 2.46 m both in North Garo Hills district respectively.

Nagaland

Comparison of January 2023 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 46.2% (6) and fall was recorded in 53.85% (7) stations. Rise within 2m was recorded in 3 (23.1%) stations, in the range of 2-4m in 2 stations and one station nshow rise in >4m range. The fall has been observed in 4 (30.8%) stations in the range of 0-2m and in 3 (23%) in the range of 2-4m. Maximum fall of 3.7 m had been recorded in the district.

Tripura

Comparison of January 2023 water level with mean water level data of the same period of preceding 10 years indicate rise in water level in 57.4% (27) stations and fall in 42.55% (20) stations. Most of the rise and fall were restricted to 2m. rise in the range of 0-2m was recorded in 51.1% (24) stations and 3 (6.4%) stations sow rise in 2-4m range. Fall in the range of 0-2m was recorded in 36.2% (17) stations and 3 (6.38%) stations in the range of 2-4m. Both rise and fall had been observed all over the districts except in Gomati district where all the stations indicated decline in water level. Apart from Unakoti district, rise had been observed in major parts of North Tripura, Sipahi-Jala and South Tripura district. Fall had been recorded mostly in Dalai district. Maximum rise of 3.45 m and maximum fall of 3.64 m had been recorded in South Tripura district and West Tripura district respectively.

6.7 Ground Water Level Trend (2012-2021), Pre Monsoon

The historical water level data of GWMS have been analysed for determining long term water level trends for the period, 2012-2022. A total number of 760 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 41 stations have been analysed for pre-monsoon water level trend. Out of these, 22 (53.6%) stations show rising trend ranging from 0.003 to 1.863m/year whereas, 19 (46.4%) stations show falling trend ranging from 0.001 to 1.442 m/year. The maximum rise is observed in dugwell located at Holangi, Papumpare district and maximum fall was observed in in observation well at Namsai Lohit District. Significant decline in water level trend has been observed in 5 stations of the state out of which 4 are observation wells located in Lohit district and one is a dugwell in East Siang district.

6.7.2 Assam

Water level data of 462 stations have been analysed for pre-monsoon water level trend. Out of these, 274 (61.2%) stations show rising trend ranging from 0.001 to 2.899 m/year and 174 (38.53%) stations show declining trend ranging from 0.001 to 2.238m/year. Both rising and falling trends of water level have been observed all over the state. Maximum rising trend had been observed in dugwell located at Diphu in East Karbi Anglong district.

The rising trend above 0.20m/year was observed in 84 stations in the state. The falling trend beyond 0.20 m/yr had been observed in 33 stations. The maximum falling trend had been observed in dugwell at Diphu in East Karbi Anglong district.

6.7.3 Meghalaya

Data of 77 stations have been analysed for pre-monsoon water level trend. Out of these, 36(46.8%) stations shows rising trend ranging from 0.001 to 0.797 m/year and 41 (53.2%) stations show declining trend ranging from 0.011 to 2.855 m/year. Most of the rising and declining trends have been restricted below 0.2m/year except in few stations.

The rising trend above 0.20m/year was observed in 08 stations in the state. The falling trend beyond 0.20 m/yr has been observed in 09 stations. Maximum falling trend was recorded in Rynjah station of East Khasi Hills district.

6.7.4 Nagaland

Data of 18 stations f Dimapur district of the state have been analysed for pre-monsoon water level trend. Out of these, 14(63.6%) stations show rising trend ranging from 0.011 to 1.387 m/year whereas, 8(36.4.4%) stations show falling trend ranging from 0.004 to 2.322 m/year.

The rising trend above 0.20m/year was observed in 10 stations in the state. The falling trend beyond 0.20 m/yr had been observed in 1 station only. Maximum fall was recorded in the station located at DGM office, Dimapur.

6.7.5 Tripura

Analysis for ground water level trend of Tripura state has been done for 142 stations for pre-monsoon period. Out of these, 77 (54.23%) stations show rising trend and 65 (45.77%) stations show declining trend. The rising trend ranges from 0.007 to 2.264 m/year and the declining trend was observed in the range of 0.003 to 1.752 m/year. The maximum decline was observed in Pakuabari station in West Tripura district.

The rising trend above 0.20m/year was observed in 25stations in the state. The falling trend beyond 0.20 m/yr has been observed in 23 stations.

6.8 Ground Water Level Trend (2012-2022), Post Monsoon

The historical water level data of GWMS have been analysed for determining long term water level trend for the period, 2012-2022. Water level data of 782 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 30 stations have been analysed for post-monsoon water level trend. Out of these, 12 40%) stations show rising trend ranging from 0.009 to1.863 m/year whereas, 18 (60%) stations show falling trend ranging from 0.003 to 0.712 m/year. The maximum falling trend had been observed in station at Oyan in East Siang district. The rising trend above

0.20m/year was observed in 6 stations in the state, Similarly, the falling trend beyond 0.20 m/yr had also been observed in 6 stations.

6.8.2 Assam

Data of 464 stations have been analysed for post-monsoon water level trend. Out of these, 322 (69.4%) stations show rising trend ranging from 0.001 to 5.064 m/year and 142 (30.6%) stations show falling trend ranging from 0.001 to 3.762 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 94 stations in the State. The fall beyond 0.20 m/yr has been observed in 33 stations. The maximum falling trend had been found at observation well at Ranikhamar in Kamrup district. A general rise in water level had been observed in the state during post monsoon period.

6.8.3 Meghalaya

Water level data of 90 stations have been analysed for post-monsoon water level trends. Out of these, 61 (67.78%) stations show rising trend in range from 0.001 to 1.496 m/year and 29 (32.22%) stations show declining trend in the range of 0.014 to 2.855 m/year.

The rising trend above 0.20 m/year has been observed in 20 stations in the State. The fall beyond 0.20 m/yr has been observed in 7 stations. The maximum falling trend has been found at Rynjah in East Khasi Hills district.

6.8.4 Nagaland

Data of 35 stations have been analysed for post-monsoon water level trend. Out of these, 26 (74.28%) stations show rising water level trend ranging from 0.014 to 1.383 m/year. In 9 (25.72%) stations falling trend ranging from 0.003 to 2.322 m/year has been observed. The maximum fall is observed in Dimapur district.

The rising trend above 0.20 m/year has been observed in 17 stations in the State. The fall beyond 0.20 m/yr has been observed in 3 stations. The maximum falling trend has been found at DGM office in Dimapur district.

6.8.5 Tripura

Data of 143 stations have been analyzed for post-monsoon water level trends for the state of Tripura. Out of these, 82 (57.34%) stations show rising trend and 61 (42.66%) 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 0.002 to 2.388 m/year. Maximum declining trend have been observed in J.M. Complex station, Dhalai district.

The rising trend above 0.20 m/year has been observed in 24 stations in the State. The fall beyond 0.20 m/yr has been observed in 16 stations.

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 36.17% (187/517) stations during premonsoon and in 62.11% (359/578) 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 2022), 16.83 % (87) stations show water logging condition, whereas 17.6% (91) stations show prone to water logging condition in Pre-monsoon. During post monsoon period (November 2022), 64.35%(231) stations show water logging condition and 35.37% (127)stations show prone to water logging condition.

During Pre-monsoon period water logged and prone to water logging areas have been observed in Baksa, Biswanath, Bongaigaon, Chirang, Darrang, Dhemaji, Dhubri, East Karbi Anglong, Hojai, Goalpara, Kamrup, Kokrajhar, Lakhimpur, Morigaon, Nagaon, Morigaon, Tinsukia, Sonitpur, Udalguri, West Karbi Anglong and in parts of Kamrup(Metro) district of the Brahmaputra valley. In major parts of Cachar, Hailakandi and

Karimganj district of Barak valley water logging condition was observed. Water logged and prone to water logging areas have been observed in districts of Changlang, East Siang, Lohit, Lower Subansiri and Papumpare districts of Arunachal Pradesh. In the state of Meghalaya, East Garo Hills, East Khasi Hills, Ri Bhoi, South West Garo Hills, West Garo Hills, West Jaintia Hills district and West Khasi Hills show Water logged and prone to water logging areas had been observed in pockets of the state. Similarly, parts of 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 (November2022), water logged and prone to water logging conditions have been observed in almost all the districts of Assam and in parts of East Siang, Lower Subansiri and Papumpare districts in Arunachal Pradesh. In Meghalaya and Tripura also, in all the districts shallow water levels in pockets had been observed. Remaining stations, most of which are located near inselbergs or in hard rock areas or in foothills show water levels above 3mbgl.

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 the vast flood plains of the Brahmaputra and Barak river system.

7. BEHAVIOUR OF WATER LEVEL IN DEEPER AQUIFERS DURING THE YEAR 2022-23

Piezometers/observation wells have been constructed in some locations of North Eastern states by Central Ground Water Board and those are used for monitoring purpose. The water level of these wells represent the piezometric surface of aquifer penetrating semi-confined/confined aquifers and depict the behaviour of deeper aquifers.. Based on the water level data collected from the piezometers/observation wells, behaviour of deeper aquifers in the region have been analysed as follows.

7.1 Depth to Water Level

7.1.1 Depth to Water level during March, 2022

Arunachal Pradesh

There are four deep tubewells in Arunachal Pradesh and all of them are located in Namsai district. Minimum water level 4.76mbgl and maximum water level of 6.2 mbgl had been recorded in wells at Winko and Adi Ningroo respectively.

Assam

During March 2022, 37 stations were monitored in the entire state. Water level in two stations had been found in the range of 0-2 mbgl, in 22 (59.46%) stations in the range of 2-5mbgl and in 11 stations (29.73%) in the range of 5-10 mbgl. Water level above 10mbgl had been recorded in 2 (5.41%) stations. Minimum water level of 0.57 mbgl and maximum of 16.75mbgl had been observed in stations at Ranikhamar, in Kamrup district and at Chapamari, in Dhubri district, respectively.

Meghalaya

During March 2022, 9 stations were monitored in the districts of East Khasi Hills, Ri-Bhoi and North Garo Hills.

Depth to water level within the range of 2-5 mbgl had been recorded in 4 stations, in the range of 5-10 mbgl in one station. Water level in the range of 10-20 mbgl and beyond 20m had been observed in 2 stations each. A minimum water level of 2.17 mbgl was recorded in the station at Nongladew in Ri Bhoi district and maximum of 32.78 mbgl was recorded at Rpbf Kyrdemkulai in Ri Bhoi district.

Tripura

In Tripura, 8 stations were monitored in the districts of Khowai, South Tripura and West Tripura. Minimum water level of 3.37 mbgl had been recorded in Chakmaghat OW in Khowai district and a maximum of 28.5 mbgl in Nagicherra OW, West Tripura district respectively.

7.1.2 Depth to Water level during August, 2022

Arunachal Pradesh

During the month of August 2022, all of the four monitored stations in Namsai district exhibited water level in the range of 2-5 mbgl, The minimum water level of 2.10 mbgl had been recorded in the well at Adi Ningro and maximum of 2.64 mbgl was recorded in Namsai OW.

Assam

During August 2022, 42 stations were monitored in the state of Assam. Depth to water level in the range of 0-2mbgl was recorded in 40.48% (17) stations, in the range of 2-5 mbgl in 38.09% (16) stations and in the range of 5-10 mbgl in 19.04% (8) stations.One station recorded water level in the range of 10-20mbgl. Minimum and maximum water levels of 0.57 mbgl and 16.75 mbgl had been recorded in Ranikhamar OW in Kamrup district and Chapamari OW in Dhubri district respectively.

Meghalaya

During the month of August 2022, monitoring of water level in Meghalaya was carried out in East Jaintia Hills, East Khasi Hills, North Garo Hills, West Garo hills and Ri-Bhoi district.

Water level in the range of 2-5 mbgl was recorded in three stations, 6 stations had water level in the range of 5-10 mbgl and 4 stations each in the range of 10-20mbgl and beyond 20 mbgl. Minimum and maximum water levels of 2.20 mbgl and 41.40 mbgl had been recorded in Nongladew OW in Ri-Bhoi district and Powergrid Khlierihat in East Jaintia Hills district respectively.

Tripura

During August 2022, water level in the state was monitored in the districts Khowai, West Tripura, North Tripura and South Tripura. During the month, water level in the range of 2-5 mbgl was found in 33.3% (4) stations, in the range of 5-10 mbgl in 16.7% (2) stations and in 33.33% (5) stations in the range of 10-20mbgl. In 2(16.7%) stations water level was

observed beyond 20 mbgl. Minimum water level of 2.90 mbgl and maximum of 27.77 mbgl had been recorded in Chakmaghat OW, Khowai district and in Nagicherra OW, West Tripura district respectively.

7.1.3 Depth to Water Level during November 2022

Arunachal Pradesh

During the month of November 2022, one monitored station in Namsai district exhibited water level in the range of 0-2mbgl and three wells in the range of 2-5 mbgl, The maximum water level of 3.75 mbgl had been recorded in the station, Adi Ningroo 2; and minimum of 1.54 mbgl was recorded in the station, Winko OW.

Assam

Depth to water level within 2mbgl was measured in 28.8% (17) stations, in the range of 2-5 mbgl in 49.15% (29) stations and in the range of 5-10mbgl in 18.64% (11) stations. One station recorded water level above 10mbgl. The minimum water level of 0.50 magl was observed in Mukamcherra OW in Karimganj district and maximum of 23.3 mbgl in the well located at Donka Bey, East Karbi Anglong district respectively.

Meghalaya

During November 2022, water level in the state was monitored in the districts of East Jaintia Hills, East Khasi Hills, North Garo Hills, West Garo hills and Ri-Bhoi.

Out of the 13 stations monitoed, 3 stations recorded water level in the range of 2-5 mbgl, 4 stations in the range of 5-10 mbgl, 2 stations in 10-20 mbgl and 4 stations beyond 20mbgl. The minimum water level 2.03mbgl had been recorded in Nongladew OW in Ri Bhoi district and maximum of 41.75 mbgl in Powergrid Khlierihat inEast JaintiaHills district respectively.

Tripura

During November 2022, water level in the state was monitored in the districts Khowai, West Tripura, North Tripura and South Tripura. During the month, water level in the range of 2-5mbgl was found in 33.33% (4) stations, in the range of 5-10 mbgl in 16.66% (2) stations and in 41.64% (5) stations in the range of 10-20mbgl. In one station water level was observed beyond 20 mbgl. In piezometer, minimum of 2.97mbgl and maximum of 26.38 mbgl had been recorded at Chakmaghat, Khowaii district and in Nagicherra, West Tripura district respectively.

7.1.4 Depth to water level during January 2023

Arunachal Pradesh

During the month of January 2023, 4 piezometers were monitored in the district of Lohit. Depth to water level in the range of a minimum of 1.81 mbgl and a maximum of 5.59 mbgl was recorded in the state. Except Wingko OW, three of the wells have water level in 0-2m range.

Assam

During January 2023, water level was monitored in the districts of Baksa, Barpeta, Biswanath, Darrang, Dhemaji, Dhubri, Dibrugarh, East Karbi Anglong, Goalpara, Jorhat, Hailakandi, Karimganj, Kamrup, Lakhimpur, Majuli, Morigaon, Nagaon, Nalbari, Sibsagar, Sonitpur and Udalguri.

Depth to water level in the range of 0-2mbgl was recorded in 19.7% (13) stations, in the range of 2-5 mbgl in 40.9% (27) stations, in the range of 5-10mbgl in 34.8% (23) stations and three stations recorded water level above 10 mbgl. The minimum water level of 0.65 mbgl was recorded at Malibaritari OW, Darrang district and the maximum water level of 26.96 mbgl had been recorded at Donka Bey OW, East Karbi Anglong District.

Meghalaya

During the month of January 2023, water level was monitored in districts of East Khasi Hills, East Jaintia Hills, North Garo Hills, West Garo Hills and Ri-Bhoi.

Water level in the range of 0-2 mbgl was recorded in one station, in three stations each in the range of 2-5mbgl and 5-10mbgl, one station in 10-20mbgl and in 5 stations have water level above 20mbgl. The minimum water level of 1.86 mbgl was recorded in the well located in the WRD campus, East Khasi Hills district and maximum of 48.16 mbgl was recorded in Chesingre (NEHU) OW, West Garo Hills district.

Tripura

During January 2023, water level in the state was monitored in Khowai, West Tripura, North Tripura and South Tripura district. During the month, water level in the range of 2-5mbgl was found in 27.27% (3) stations, in the range of 5-10mbgl in 27.27% (3) stations. In 36.36% (4) stations it was recorded in the range of 10-20mbgl and in 1 station beyond 20 mbgl. The minimum water level of 3.15 mbgl was observed in Chakmaghat OW,

Khowai district and maximum water level of 26.70mbgl was recorded in Nagicherra 1 OW, West Tripura district.

8. SPRINGS

Twelve springs were established to carry out periodical monitoring in the state covering 5 districts of Ri Bhoi, East Khasi Hills, West Jaintia Hills, West Khasi Hills and West Khasi Hills. These springs are mainly identified as fractured and depression type of spring details of which are enlisted below:

Table 8.1: Details of Springs inventoried.

S. No	District*	Block*	Village	Lat*	Long*	Well* Type	Spring Type	RL (m)
1	Ri Bhoi	Umsning	Sumer	25°41'32.5"	91°53'20.4"	Spring	Fractured	867
2	Ri Bhoi	Umsning	Tdohumsiang	25°46'29.54"	91°59'54.43"	Spring	Fractured	867
3	East Khasi Hills	Mylliem	Jail Road	25°34’46.25"	91°53’09.33"	Spring	Fractured	1443
4	East Khasi Hills	Mylliem	Lapalang	25°33’51.18"	91°55’02.32"	Spring	Depression	1546
5	West Jaintia Hills	Amlarem	Umjarang	25°18'52.38"	92°07’49.51”	Spring	Fractured	1145
6	West Khasi Hills	Nongstoin	Nongstoin	25°30’47.60"	91°16’06.31"	Spring	Fractured	1328
7	West Khasi Hills	Nongstoin	Pungsoir	25°32’43.04"	91°16’43.57"	Spring	Fractured	1381
8	Ri Bhoi	Umsning	Umsamlem	25°47'44.01"	91°52'27.47"	Spring	Fractured	616
9	East Khasi Hills	Mawsynram	Mawsynram	25°17’47.01"	91°34’42.25"	Spring	Fractured	1388
10	East Khasi Hills	Mawsynram	Mawkynep	25°20’14.95"	91°35’45.56"	Spring	Fractured	1639
11	East Khasi Hills	Mawsynram	Tyrsad	25°24’23.84"	91°39’33.82"	Spring	Fractured	1626
12	East Khasi Hills	Sohra	Wahlong	25°12’30.06"	91°43’34.55"	Spring	Fractured	584

8.1 Discharge Variability:

Monitoring of discharge in litters per second was carried out during the months of January 2022, March 2022, August 2022 and November 2022 for these 12 nos. of springs.

During January and March 2022, 11 out of 12 springs fall in 6^{th} Magnitude of Meinzer classification and one spring i.e. the spring at Mawsynram, falls in 5^{th} Magnitude. During August and Novemebr 2022, discharge in these springs increases significantly due to monsoon hence

four springs show discharge in 5th magnitude and 8 springs show discharge in 6th Magnitude of Meinzer classification.

Table 8.2: Classification of springs according to Meinzer Classification.

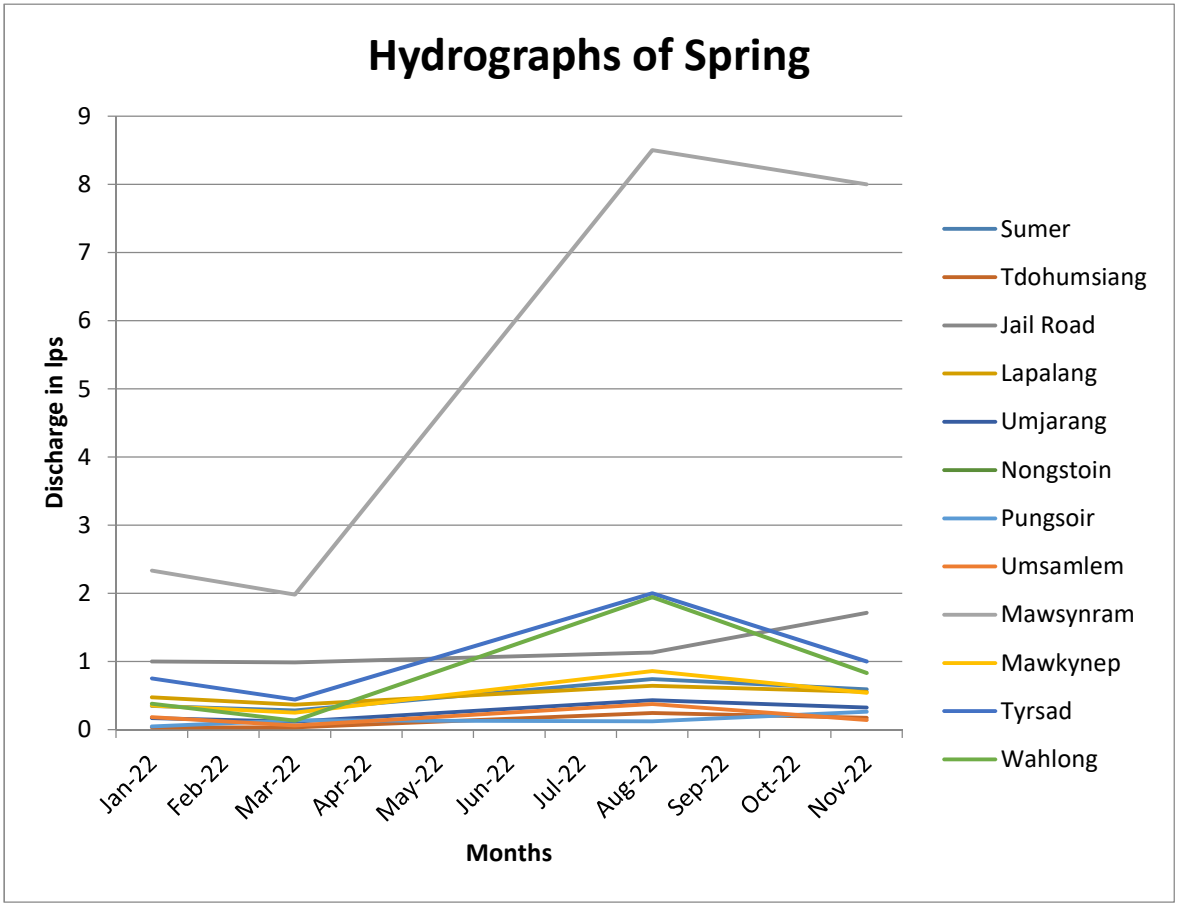
Magnitude	Mean Discharge	January 2022	March 2022	August 2022	November 2022
First	>10 m^3/Sec				
Second	1-10 m^3/Sec				
Third	0.1-1 m^3/Sec				
Fourth	10-100 Liter/Sec				
Fifth	1-10 Liter/Sec				
Sixth	0.1-1 Liter/Sec	1 (8.3%)	1 (8.3%)	4 (33.33%)	3 (25%)
Seventh	10-100 ml/Sec	11 (91.7%)	11 (91.7%)	8 (66.67%)	9 (75%)
Eighth	<10 ml/Sec				

Table 8.3: Discharge of springs

State*	District*	Block*	Village	Discharge (lps) January-2022*	Discharge (lps) March-2022*	Discharge (lps) August-2022*	Discharge (lps) November - 2022*
Meghalaya	Ri Bhoi	Umsning	Sumer	0.344	0.2777	0.74	0.59
Meghalaya	Ri Bhoi	Umsning	Tdohumsiang	0.0286	0.03	0.244	0.17
Meghalaya	East Khasi Hills	Mylliem	Jail Road	1	0.982	1.13	1.71
Meghalaya	East Khasi Hills	Mylliem	Lapalang	0.4728	0.366	0.643	0.55
Meghalaya	West Jaintia Hills	Amlarem	Umjarang	0.168	0.115	0.43	0.32
Meghalaya	West Khasi Hills	Nongstoin	Nongstoin	0.0458	0.135	0.122	0.26
Meghalaya	West Khasi Hills	Nongstoin	Pungsoir	0.1127	0.045	0.316	0.13
Meghalaya	Ri Bhoi	Umsning	Umsamlem	0.179	0.06	0.375	0.14
Meghalaya	East Khasi Hills	Mawsynram	Mawsynram	2.3309	1.98	8.5	8
Meghalaya	East Khasi Hills	Mawsynram	Mawkynep	0.35	0.246	0.857	0.54
Meghalaya	East Khasi Hills	Mawsynram	Tyrsad	0.75	0.437	2	1
Meghalaya	East Khasi Hills	Sohra	Wahlong	0.378	0.1284	1.94	0.83

Hydrographs of springs show that during pre-monsoon discharge is within 1lps except in Mawsynram spring and durinf post monsoon, discharge increases for springs at Jail Road, Tyrsad and Wahlong along with Mawsynram. Significantly high discharge of Mawsynram is owing to the highest rainfall occurring over there.

Fig 8.1: Hydrographs of Spring



8.2 Hydrochemistry of Springs:

Springs in Meghalaya have been monitored once a year during march 2023 i.e. on Pre-Monsoon. pH in these springs ranges from 5.42 to 7.47, EC ranges from 13.12 to 74.68 µs/cm and TDS ranging from 8.13 to 46.3, making it very well suitable for drinking purpose. Rest of the basic parameters of CO_3^{2-}, HCO_3-, TA (as $CaCO_3$), Cl^-, SO_4^{2-}, NO_3^-, F^-, Ca^{2+}, Mg^{2+}, TH (as $CaCO_3$), Na and K, are also within the permissible limits of BIS standard for drinking water. Details of the basic parameters are given in table 8.3.

Fe is within the permissible limit except in springs at Pungsoir and Tyrsad, where Fe is 20.69 mg/l and 4.01 mg/l respectively. Rest of the heavy metal parameters of As, U, Mn, Cu and Zn are well within the permissible limit. Details of Heavy Metal analysis are given in table 8.4.

Table 8.4: Basic Chemical parameters of springs

District	Location	pH	EC (µs/cm) 25°C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	TA (as CaCO3)	Cl-	SO4-2	NO3-1	F-	Ca+2	Mg+2	TH (as CaCO3)	Na	K
Ri Bhoi	Sumer	7.47	16.02	0.03	9.93	0.00	24.42	24.42	10.63	0.00	2.45	0.17	4.00	1.21	15.00	6.87	3.08
East Khasi Hills	Lapalang	6.82	74.68	0.08	46.30	0.00	30.52	30.52	14.18	6.52	21.09	0.07	10.01	2.42	35.00	14.78	4.38
West Khasi Hills	Umjarang	6.66	42.89	0.21	26.59	0.00	36.63	36.63	10.64	9.21	4.14	0.10	8.01	3.64	35.00	8.31	6.84
West Khasi Hills	Nongstoin	6.53	31.62	0.09	19.60	0.00	36.63	36.63	10.64	0.00	4.56	0.08	8.01	1.21	25.00	7.17	3.58
West Khasi Hills	Pungsoir	6.63	32.98	0.10	20.45	0.00	42.73	42.73	10.64	15.77	1.18	0.10	4.00	3.64	25.00	9.12	5.83
East Khasi Hills	Mawsynram	6.81	72.38	0.10	44.88	0.00	73.26	73.26	10.64	0.00	8.81	0.09	20.02	2.42	60.00	6.89	4.50
East Khasi Hills	Mawkynep	6.70	28.12	0.13	17.43	0.00	18.31	18.31	7.09	8.21	5.91	0.07	6.00	4.85	35.00	2.50	2.15
East Khasi Hills	Tyrsad	6.53	13.12	0.11	8.13	0.00	24.42	24.42	7.09	0.00	0.60	0.10	4.00	1.21	15.00	3.86	4.30
East Khasi Hills	Wahlong	6.42	26.76	0.64	16.59	0.00	30.52	30.52	10.64	0.00	3.50	0.07	6.00	2.42	25.00	5.42	3.74

Table 8.5: Heavy Metal content of springs

District	Location	Fe	As (ppb)	U (ppb)	Mn (ppm)	Cu (ppm)	Zn (ppm)
Ri Bhoi	Sumer	0.02	0.210	0.215	0.010	0.011	0.135
East Khasi Hills	Lapalang	0.03	0.128	0.008	0.010	BDL	0.027
West Khasi Hills	Umjarang	0.03	0.428	0.039	0.404	BDL	0.015
West Khasi Hills	Nongstoin	0.73	0.588	0.145	0.224	BDL	0.093
West Khasi Hills	Pungsoir	20.69	0.141	0.124	0.006	BDL	0.120
East Khasi Hills	Mawsynram	0.04	0.753	0.154	0.010	BDL	0.042
East Khasi Hills	Mawkynep	0.04	0.232	0.004	0.772	BDL	0.069
East Khasi Hills	Tyrsad	4.01	0.250	BDL	0.048	BDL	0.115
East Khasi Hills	Wahlong	0.05	0.590	0.003	0.238	0.045	0.049

9. CONCLUSIONS AND FINDINGS

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 around 43.5% 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, 654 stations are being monitored of which 425 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. Hydrogeologically, 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, 2022, the general depth to water level scenario in the region in March, 2022, depicts water level within 5.0 mbgl. In 71.18%, i.e. 373 stations show a depth range of 0 to 5 mbgl, out of which about 16.92% of the stations indicated water level within 2 mbgl and 55.44% stations between 2 and 5 mbgl; 113(21.98%) stations recorded water level in the range from 5 to 10 mbgl, most of which are located near the inselbergs. Water levels ranging between 10 and 20 mbgl were observed in 23 (4.74%) stations in East Siang, and Papumpare district of Arunachal Pradesh, few stations in Baksa, Darrang, Dhemaji, Dhubri, East Karbi Anglong, Morigaon and Sibsagar district of Assam, in one piezometer in North Garo Hills of Meghalaya and in 4 piezometers of Gomati, Khowai, South Tripura and West Tripura district of Tripura. In 6 (1.16%) of Ground Water Monitoring Stations ie. 2 dugwells in East Karbi Anglong, 2 piezometers of Ri-Bhoi district of Meghalaya and in 2 pizometers of West Tripura district of Tripura state water level was recorded at depths beyond 20m.
5. The water level during post-monsoon period (November 2022) was mostly recorded in the range of 0 to 5 mbgl. Water level within 5 mbgl had been recorded in 489 (85.49%) stations, out of which, 231 (40.38%) stations recorded water level within 2 mbgl and 257

(44.93%) stations varying from 2 to 5 mbgl. Water level in the range of 5 to 10 mbgl was recorded in 62 (10.84%) stations and in 17 (2.97%) stations in the range of 10 to 20mbgl. In 5 (0.87%) piezometers of East Karbi Anglong, Assam, East Jaintia Hills and Ri Bhoi districts of Meghalaya and West Tripura district in Tripura depth to 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 385 (82.8%) stations. Rise was recorded within 2 m in 307 (66.02%) stations and in the range of 2 to 4m in 78 (16.77%) stations. In 28 (6.02%) stations rise in water level above 4m had been observed. In 51 (10.97%) stations fall in water level was observed, out of that 45 (9.68%) stations indicated fall in the range of 0 to 2 m, 6 (1.29%) stations from 2 to 4m and in 1 station 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 2022.
7. Water level monitored during March 2022 was compared with mean water level data of preceding 10 years. The compared result indicates, in general, a rise in 187 (58.07%) stations and fall in 135 (41.92%) monitored stations. Rise within 2 m have been observed in 163 (50.62%) stations, in the range of 2 to 4m in 22 (6.83%) stations and two station above 4m range. Fall in water level with respect to decadal mean have been observed within 2m in 123 (38.20%) stations, in the range of 2m to 4m in 10 (3.10%) stations and beyond 4 m in 2 (0.70%) station.
8. Comparison of water level monitored during November 2022 and mean water level data of preceding 10 years rise in 184 (53.96%) stations and fall in 157 (46.04%) monitored stations. Rise within 2 m have been observed in 169 (49.6%) stations, in the range of 2 to 4m in 13 (3.8%) stations and 2 stations in above 4m. Fall in water level with respect to decadal mean had been observed within 2m in 146 (42.8%) stations, in the range of 2m to 4m in 9 (2.6%) stations and beyond 4 m in 2 (0.6%) station.
9. Water levels of pre-monsoon for last 10 years were taken for trend analysis. A total number of 760 stations were analysed. During pre monsoon period 232 (31.10%) stations show a declining water level trend mostly within 0.19m/year. Only 78 stations indicated decline above 0.2m/year. The rise is observed in 295 (39.54%) stations ranging within 0.19m/year . A total of 141 (18.90%) stations indicated rise above 0.2m/year.

10. Water levels of post-monsoon for last 10 years were taken for trend analysis. A total number of 782 stations were analysed. During post monsoon period 203 (25.96%) stations show a declining water level trend mostly within 0.19m/year. Decline above 0.2m/year was rcorded in 66 stations. The rise is observed in 341 (43.60%) stations ranging within 0.19m/year. A total of 160 (20.46%) stations indicated rise above 0.2m/year.
11. 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.
12. Development of ground water in North Eastern Region is still in nascent stage except in the urban areas. There is an ample scope for development of this replenishable natural resource. This region being hilly, only 40% 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 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.

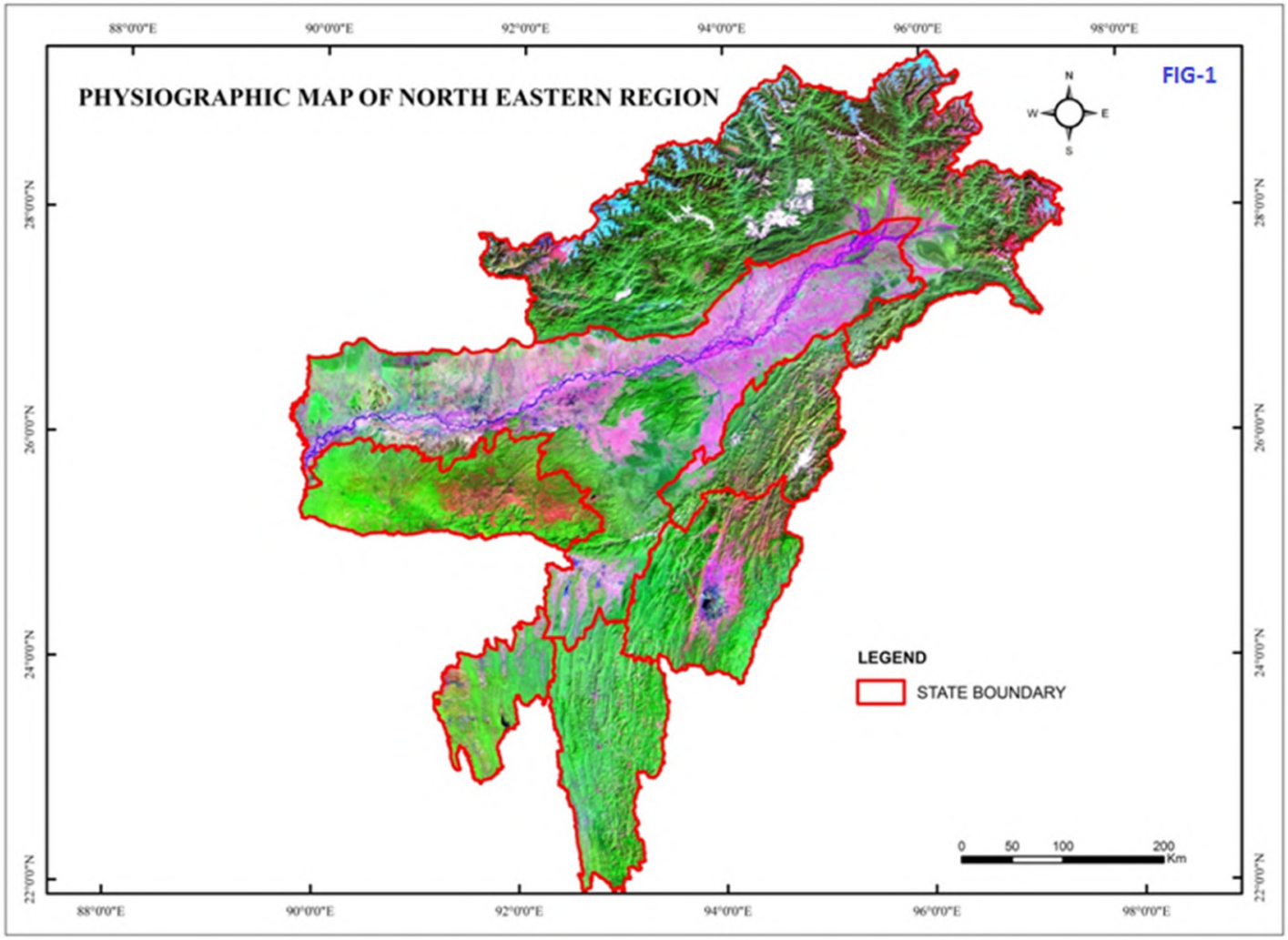


Fig.1 Physiographic Map of North Eastern Region

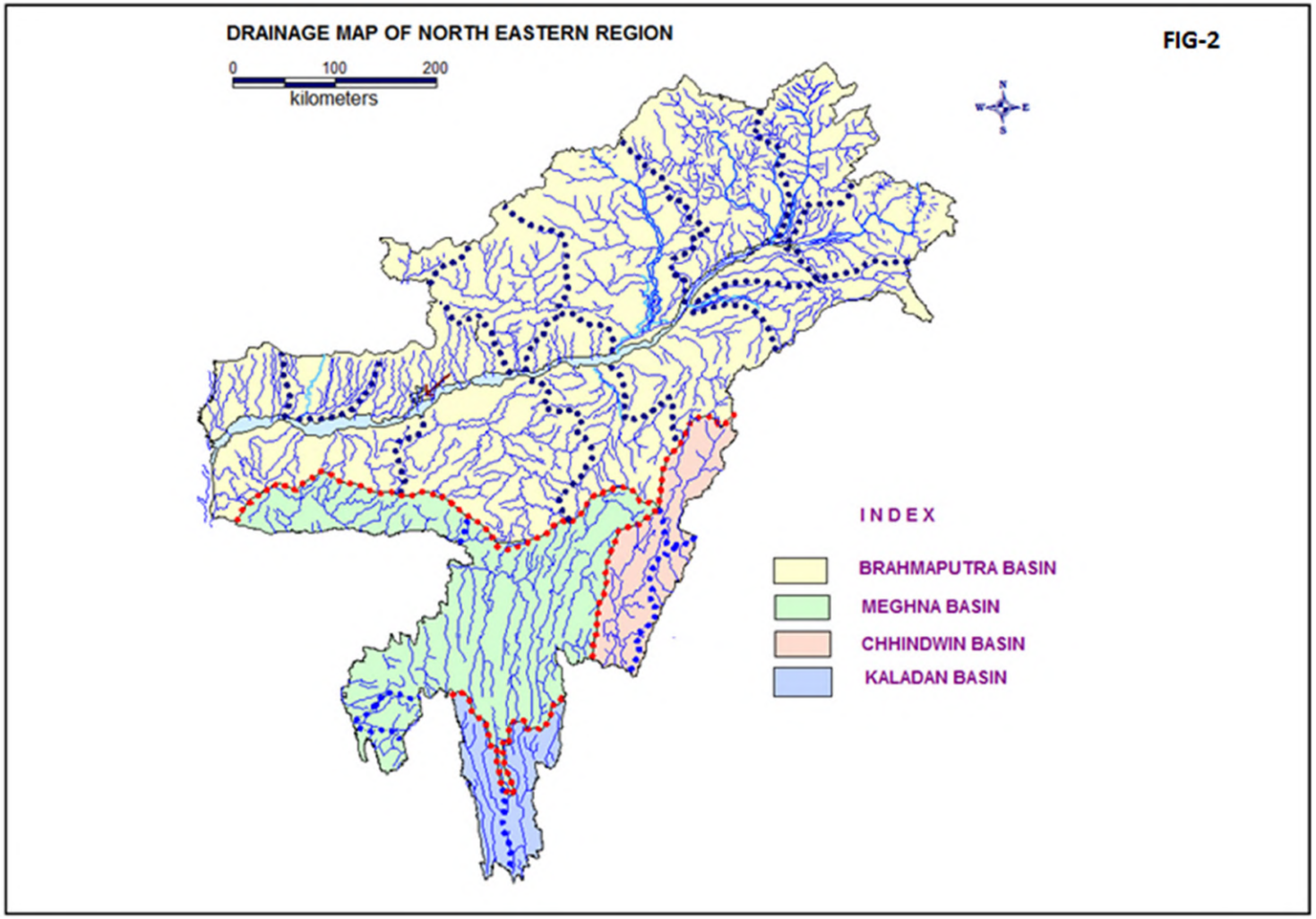


Fig.2 Drainage Map of North Eastern Region

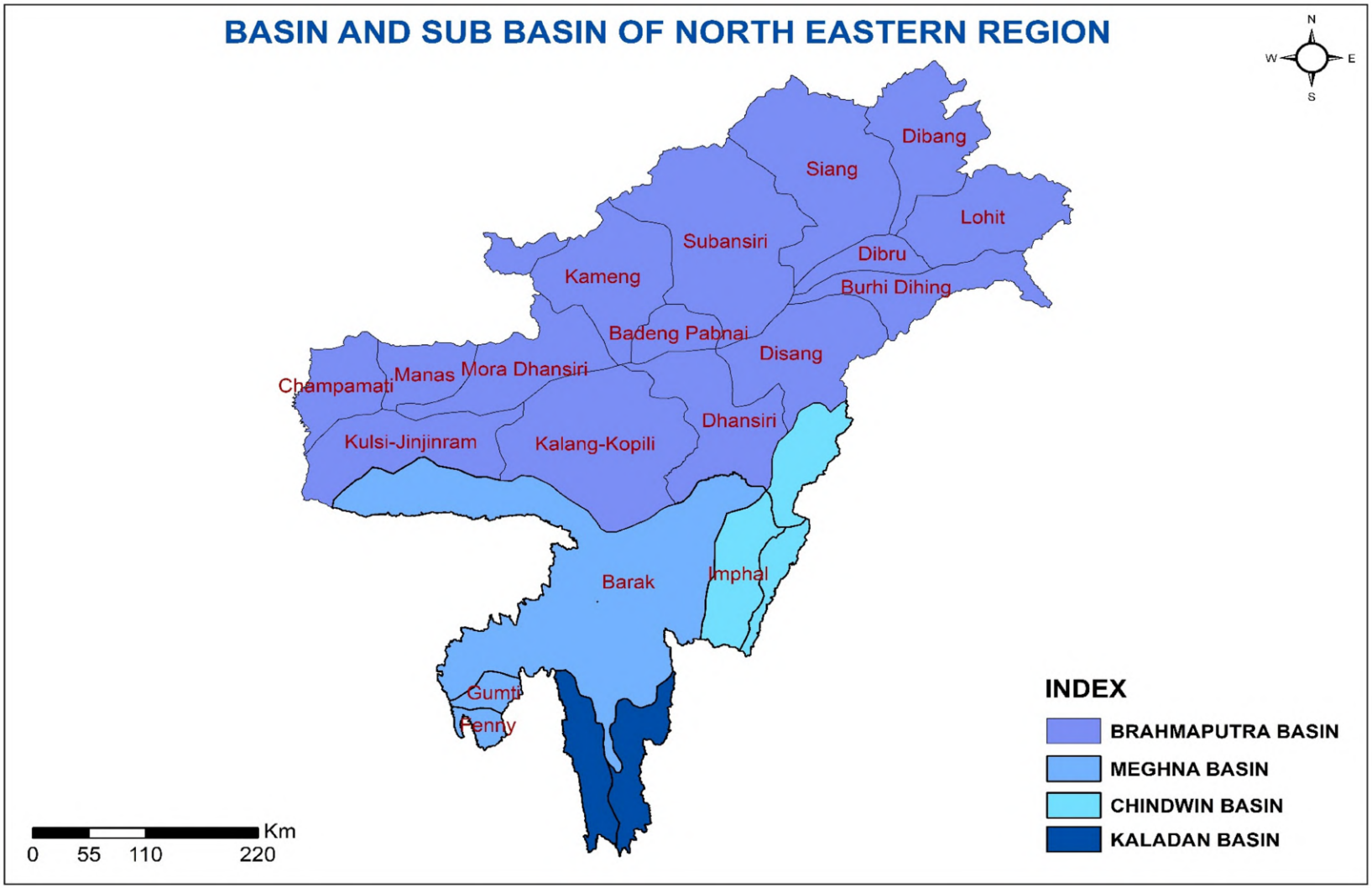


Fig.3 Basin & Sub-basin Map of North Eastern Region

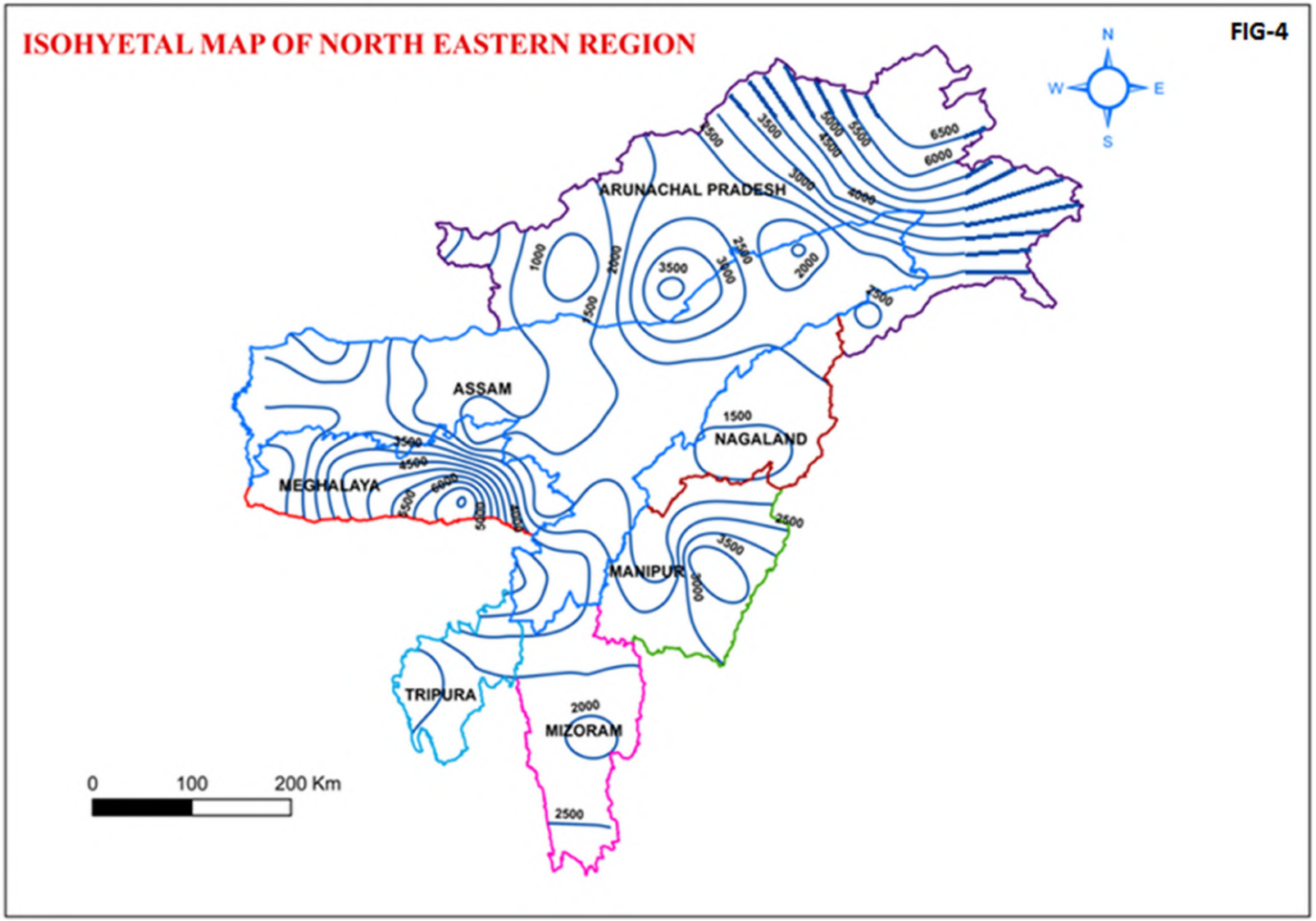


Fig.4 Isohyet (Rainfall Distribution) Map of North Eastern

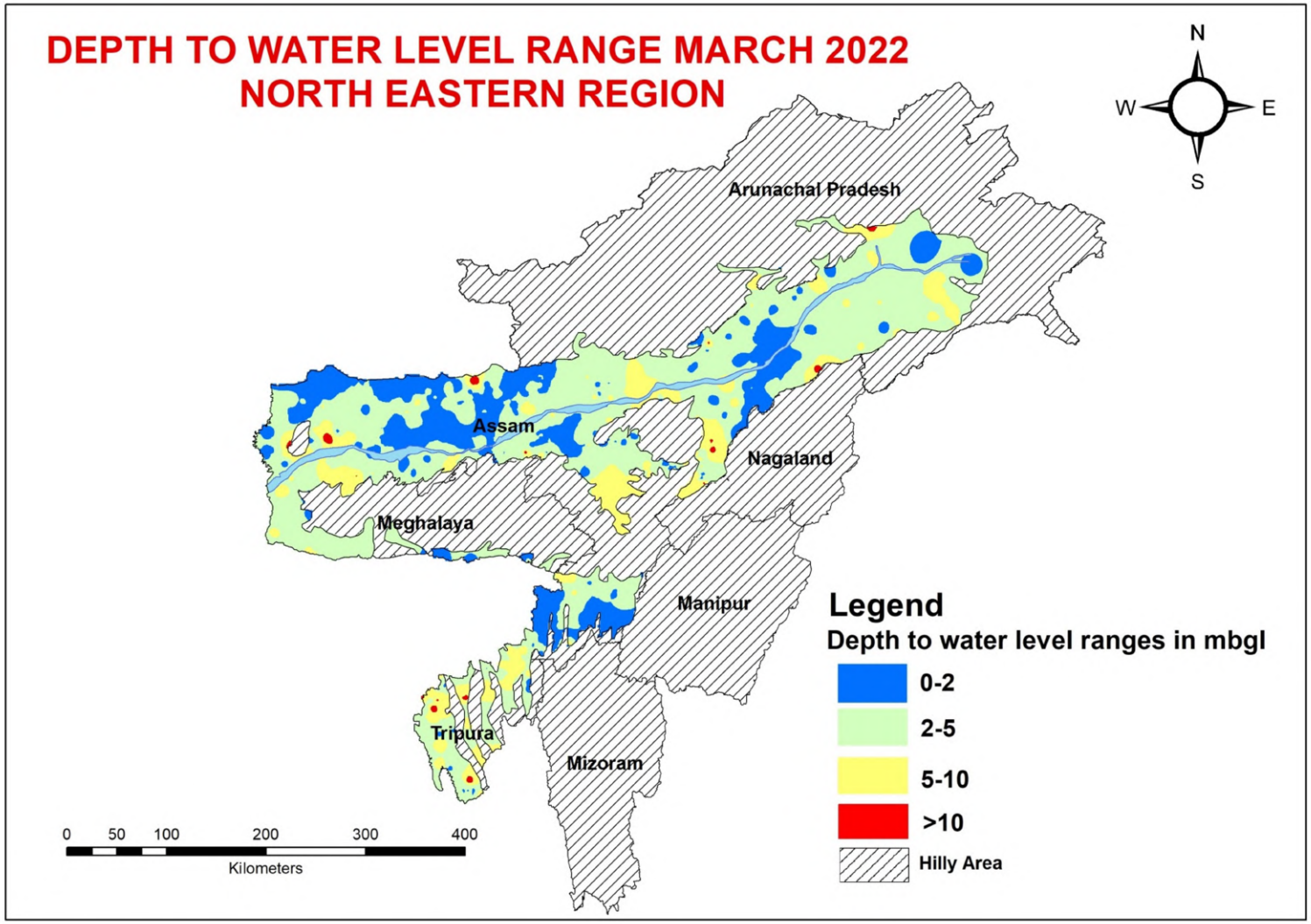


Fig.5 Depth to Water Level Map (March, 2022) of North Eastern Region

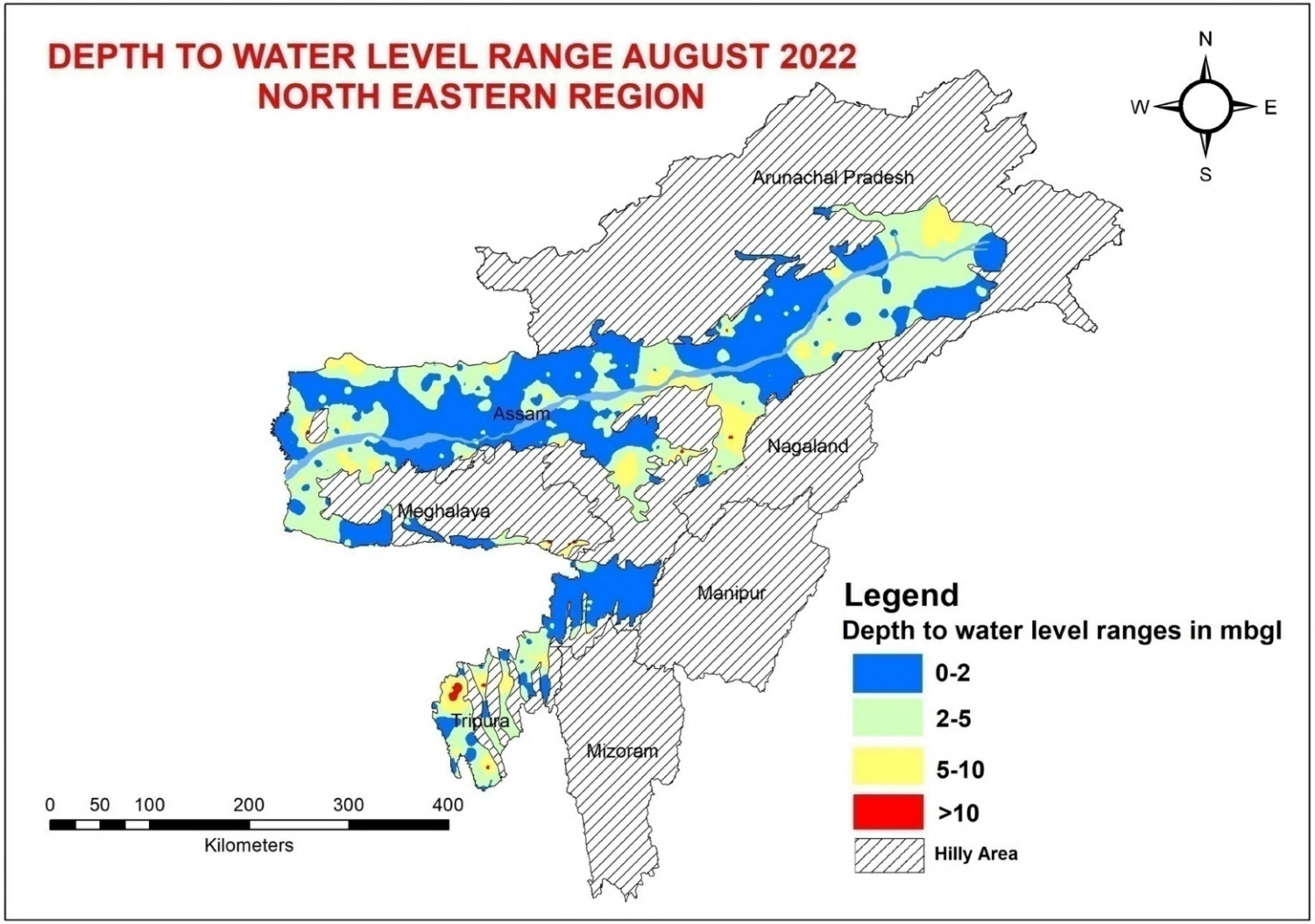


Fig.6.Depth to Water Level Map (August, 2022) of North Eastern Region

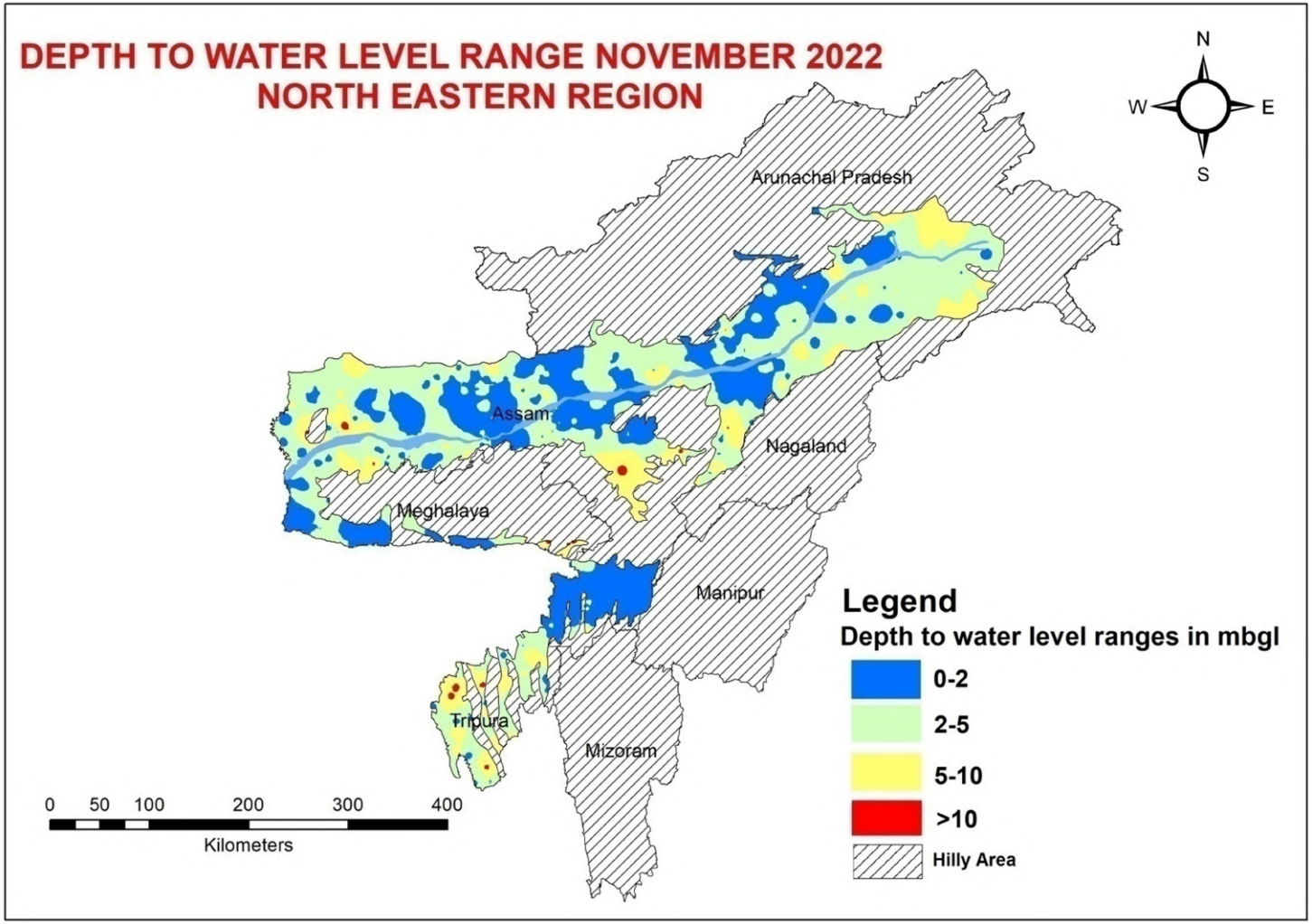


Fig.7 Depth to Water Level Map (November, 2022) of North Eastern Region

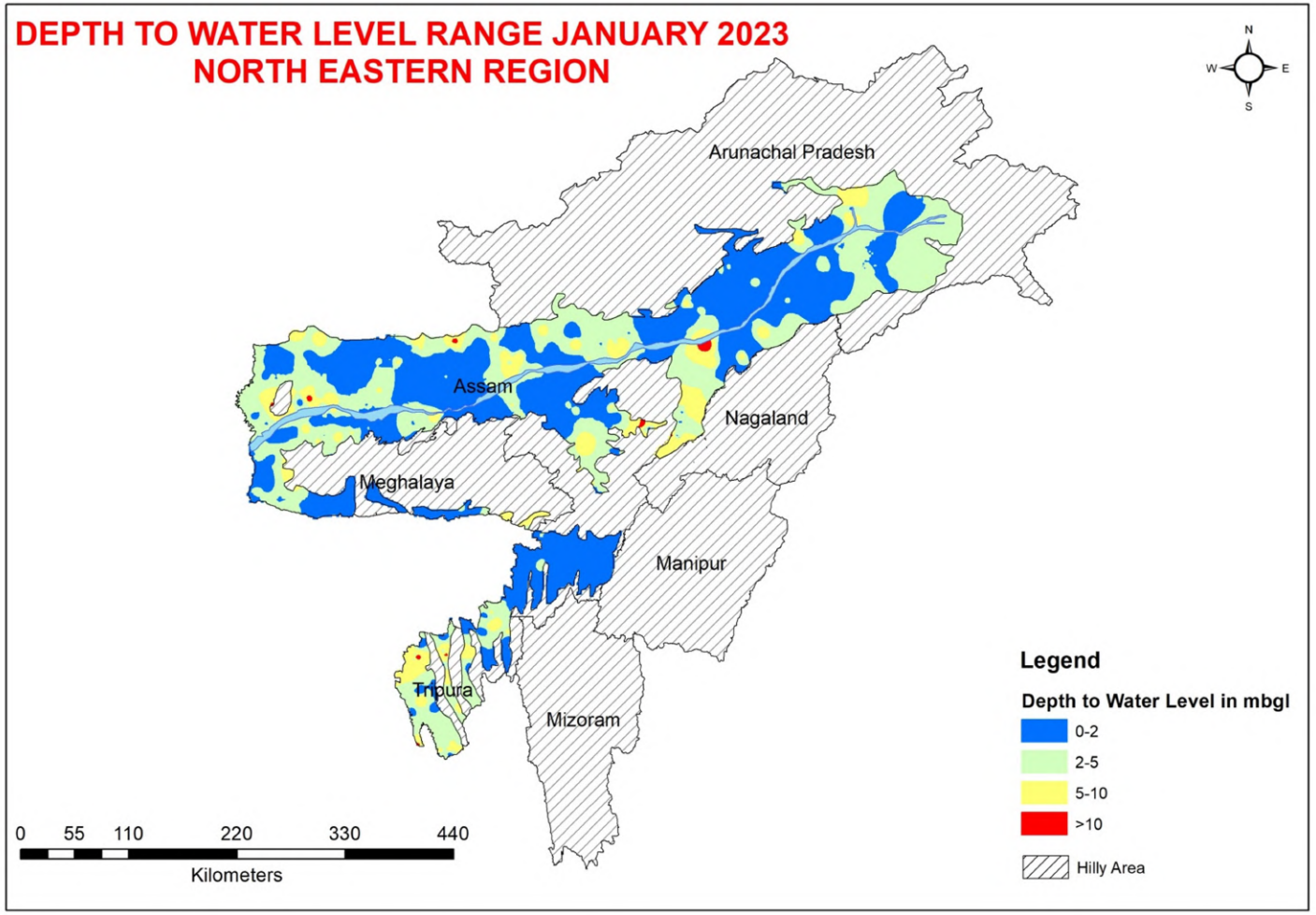


Fig.8 Depth to Water Level Map (January, 2023) of North Eastern Region

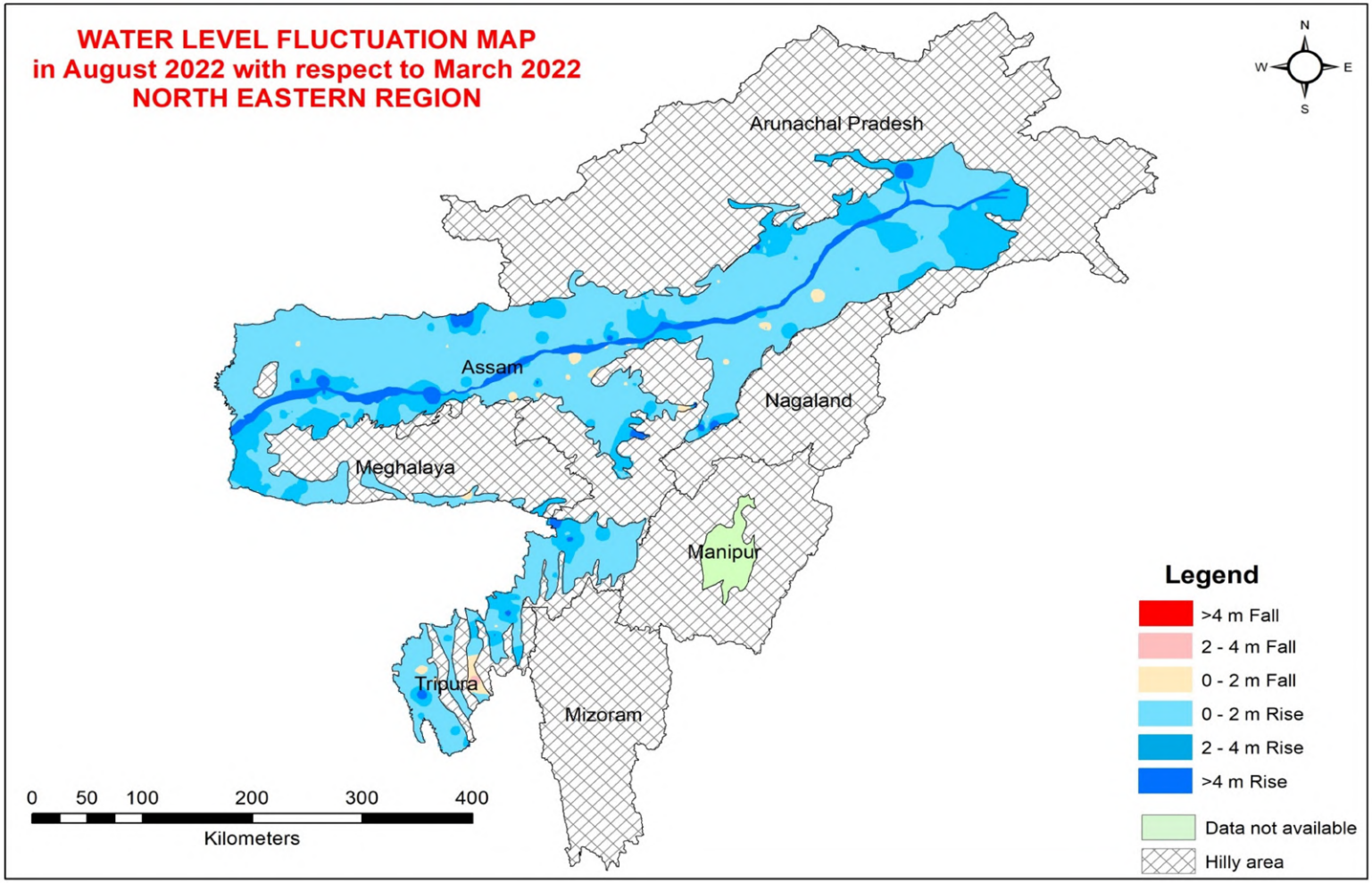


Fig.9 Water Level Fluctuation in August 2022 with respect to March 2022

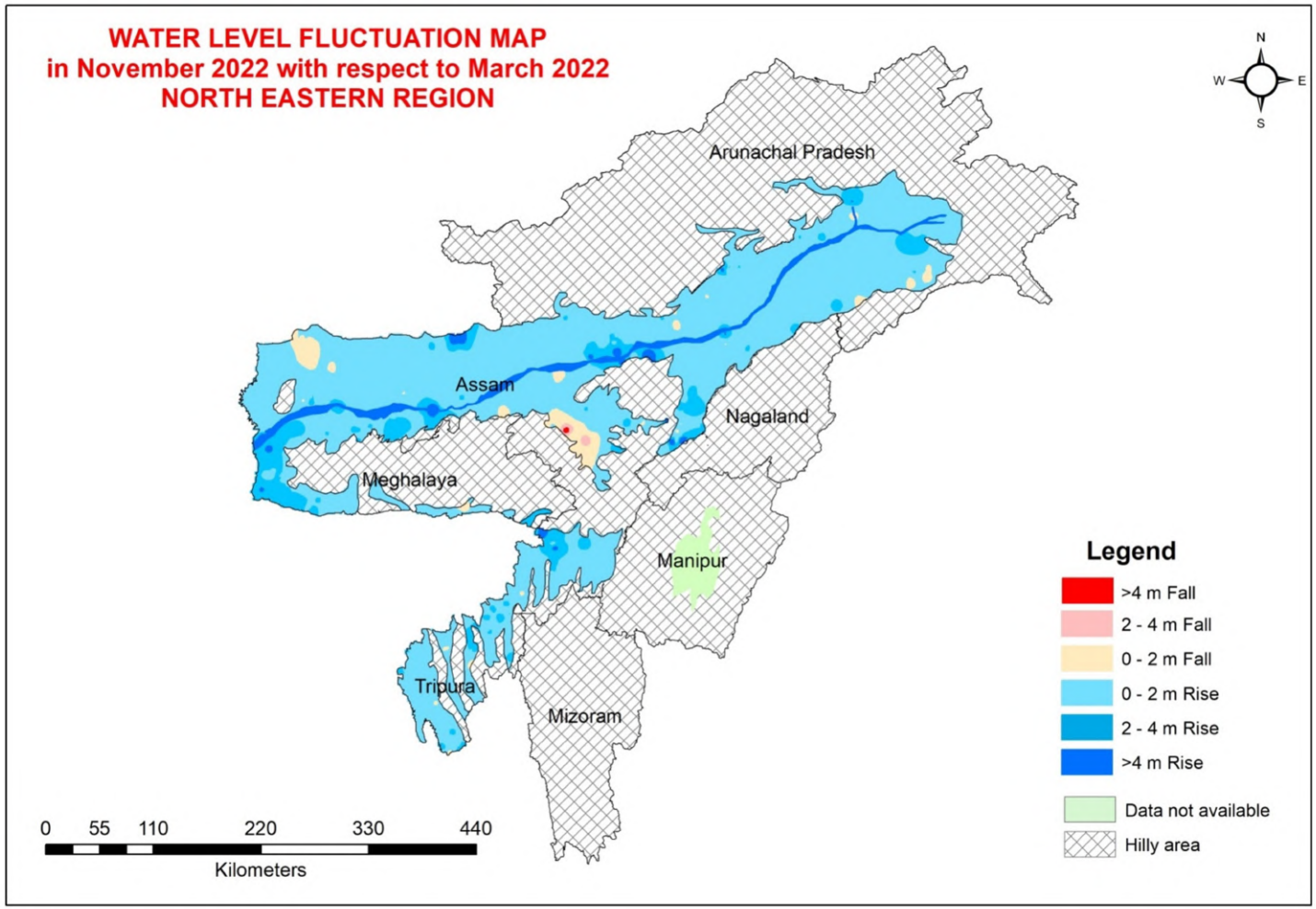


Fig.10 Water Level Fluctuation in November 2022 with respect to March 2022

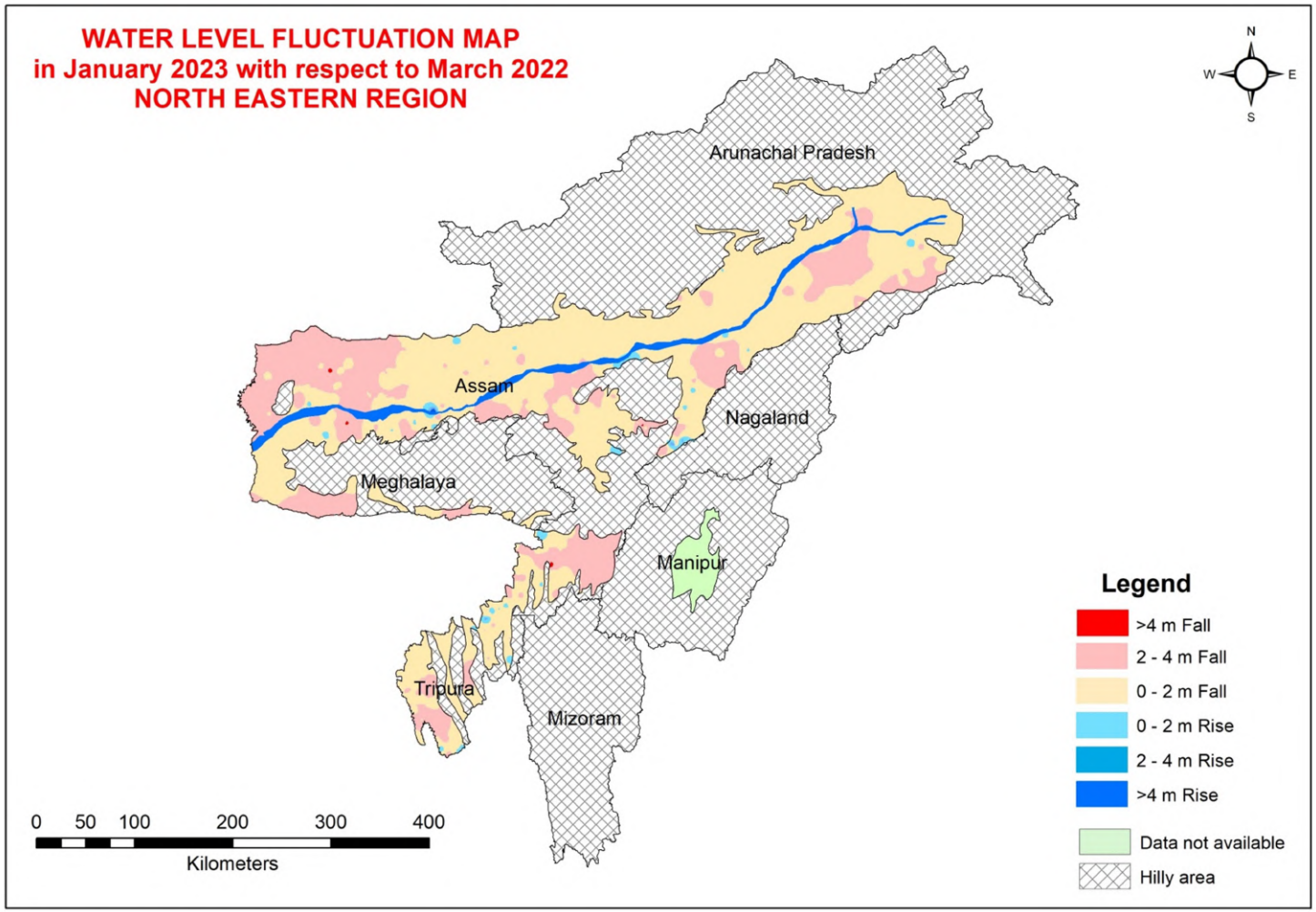


Fig.11 Water Level Fluctuation in January 2023 with respect to March 2022

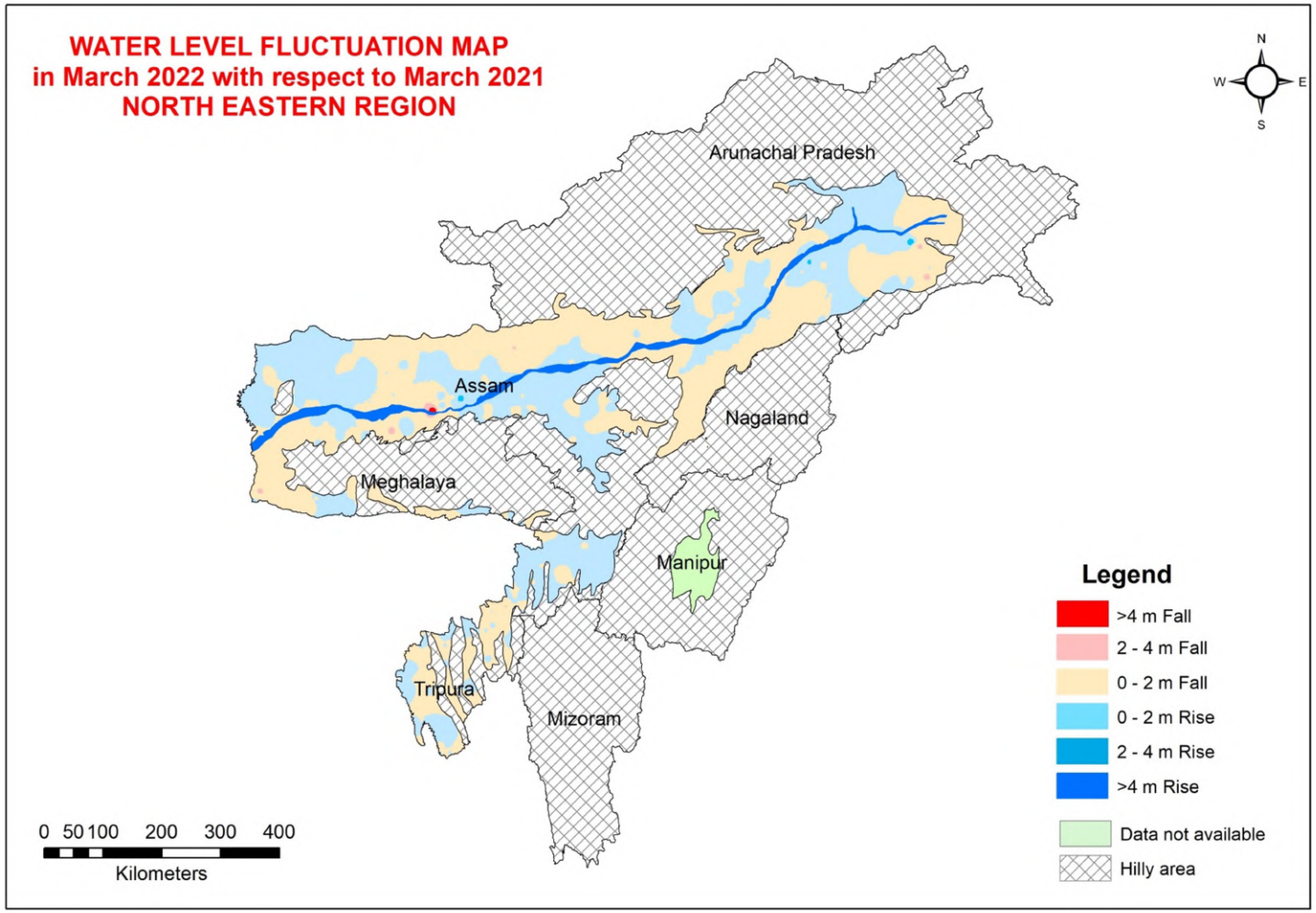


Fig.12 Water Level Fluctuation in March 2021 with respect to March 2022

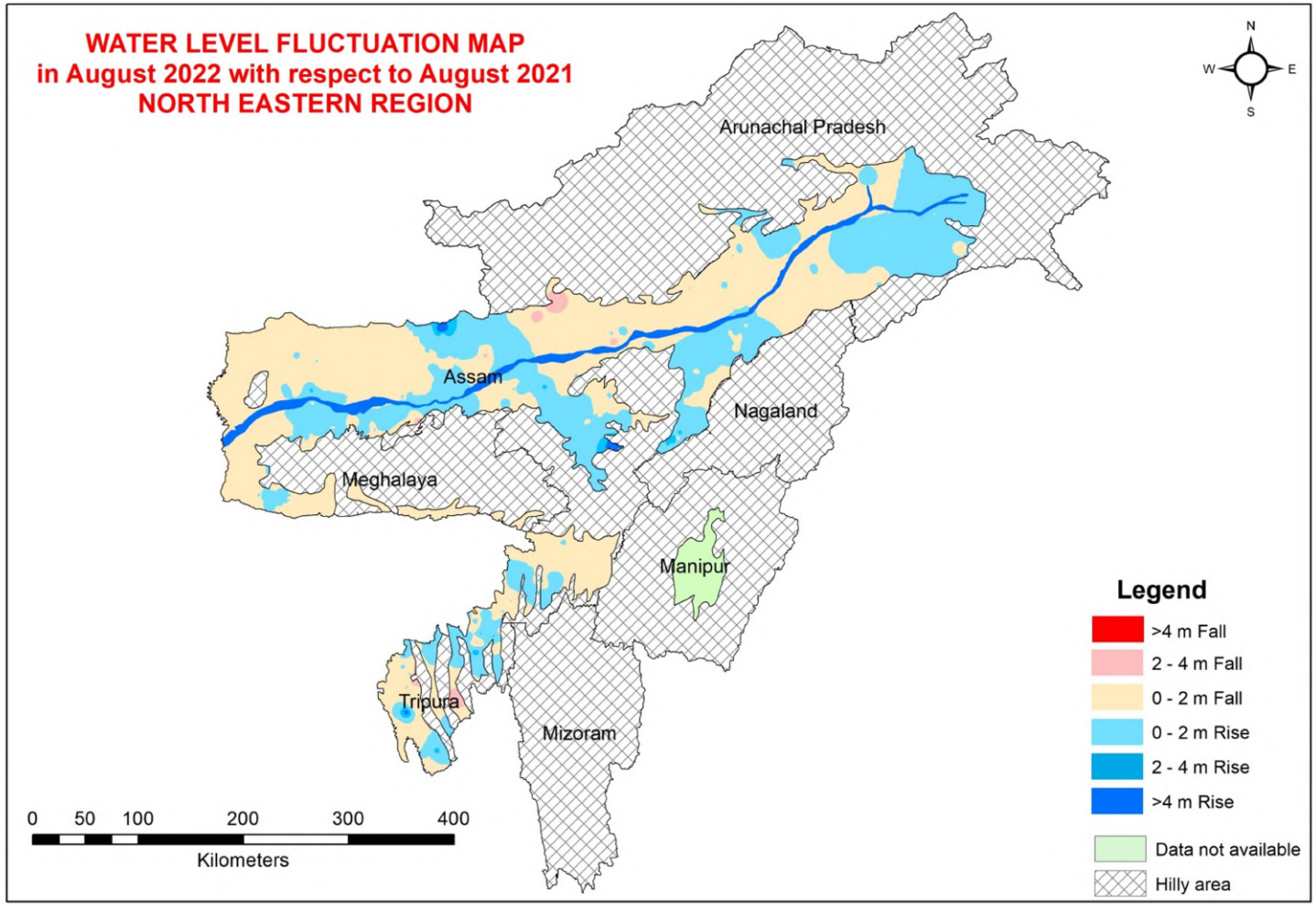


Fig.13 Water Level Fluctuation in August 2021 with respect to August 2022

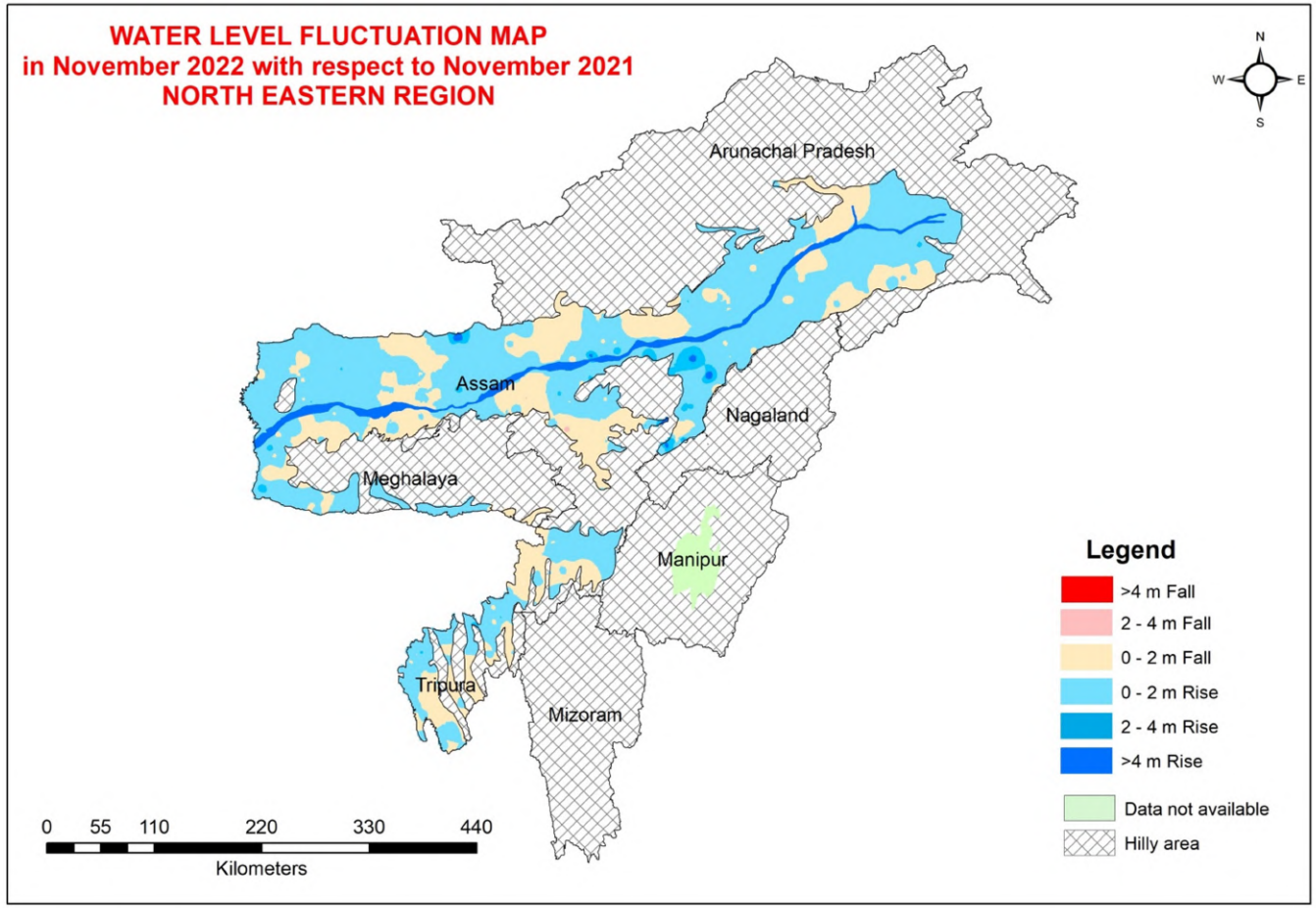


Fig.14 Water Level Fluctuation in November 2021 with respect to November 2022

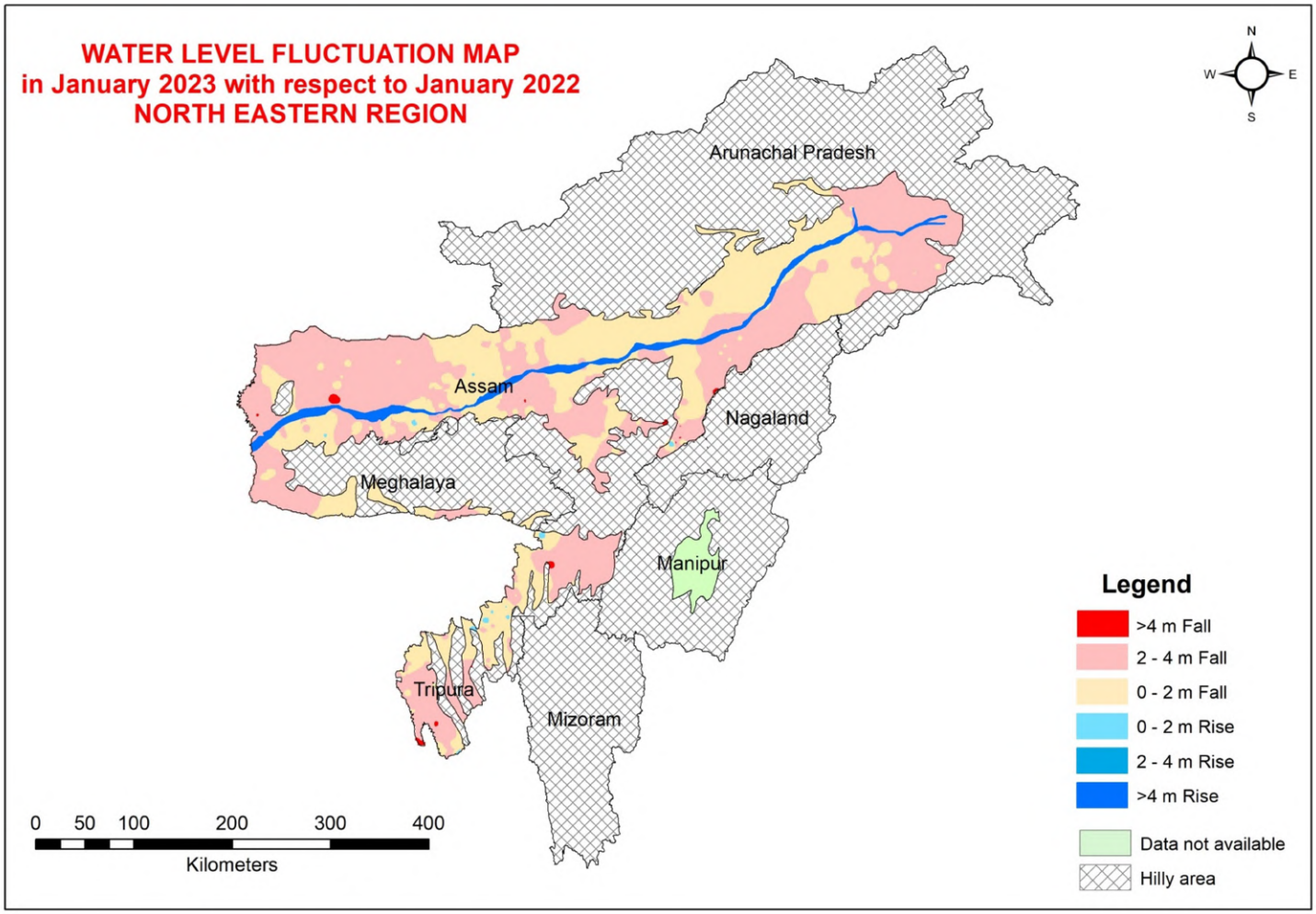


Fig.15 Water Level Fluctuation in January 2023 with respect to January 2022

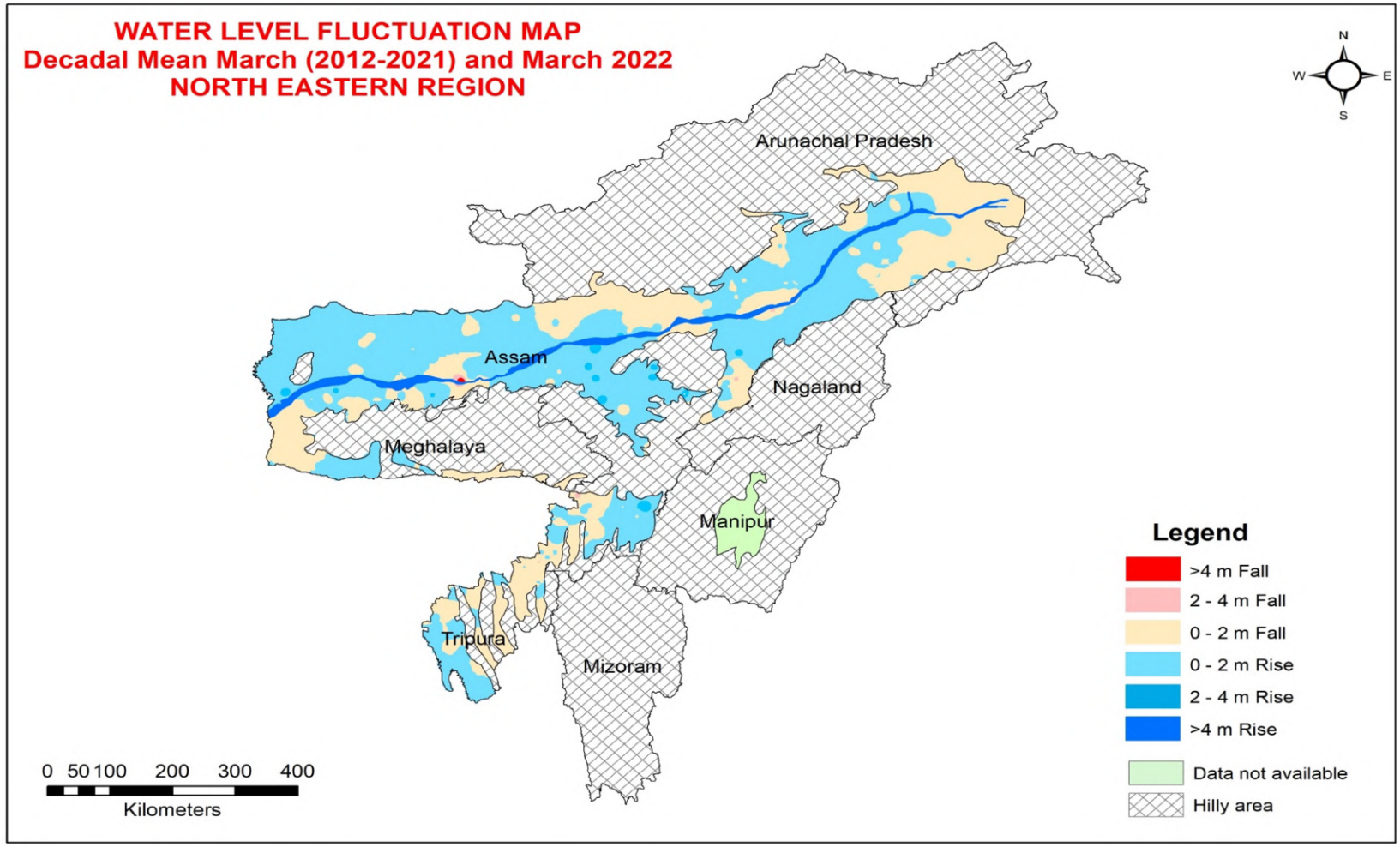


Fig.16:Water Level Fluctuation in March, 2022 with respect to Decadal Mean (March, 2012-2021)

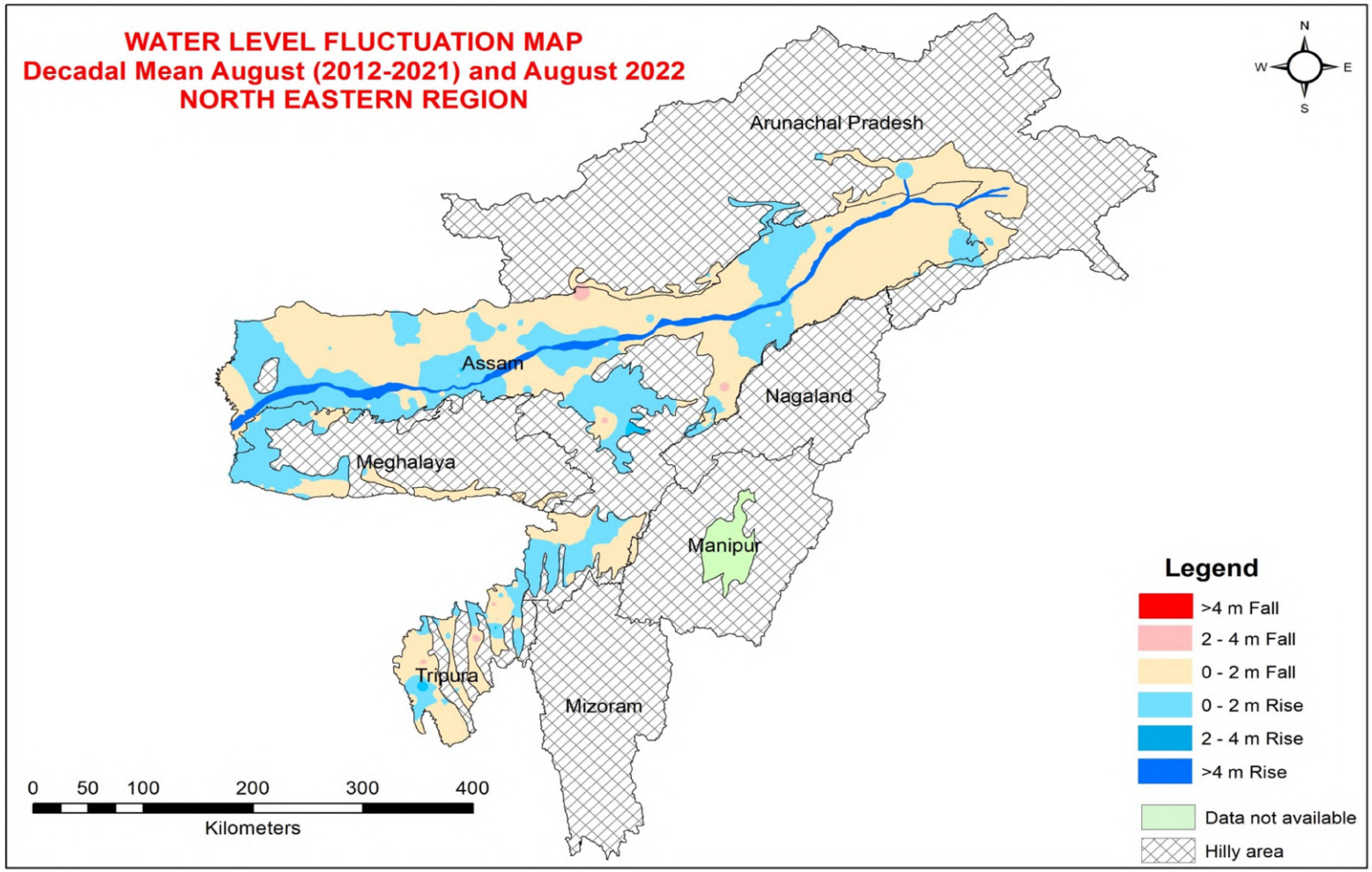


Fig.17:Water Level Fluctuation in August, 2022 with respect to Decadal Mean (August, 2012-2021)

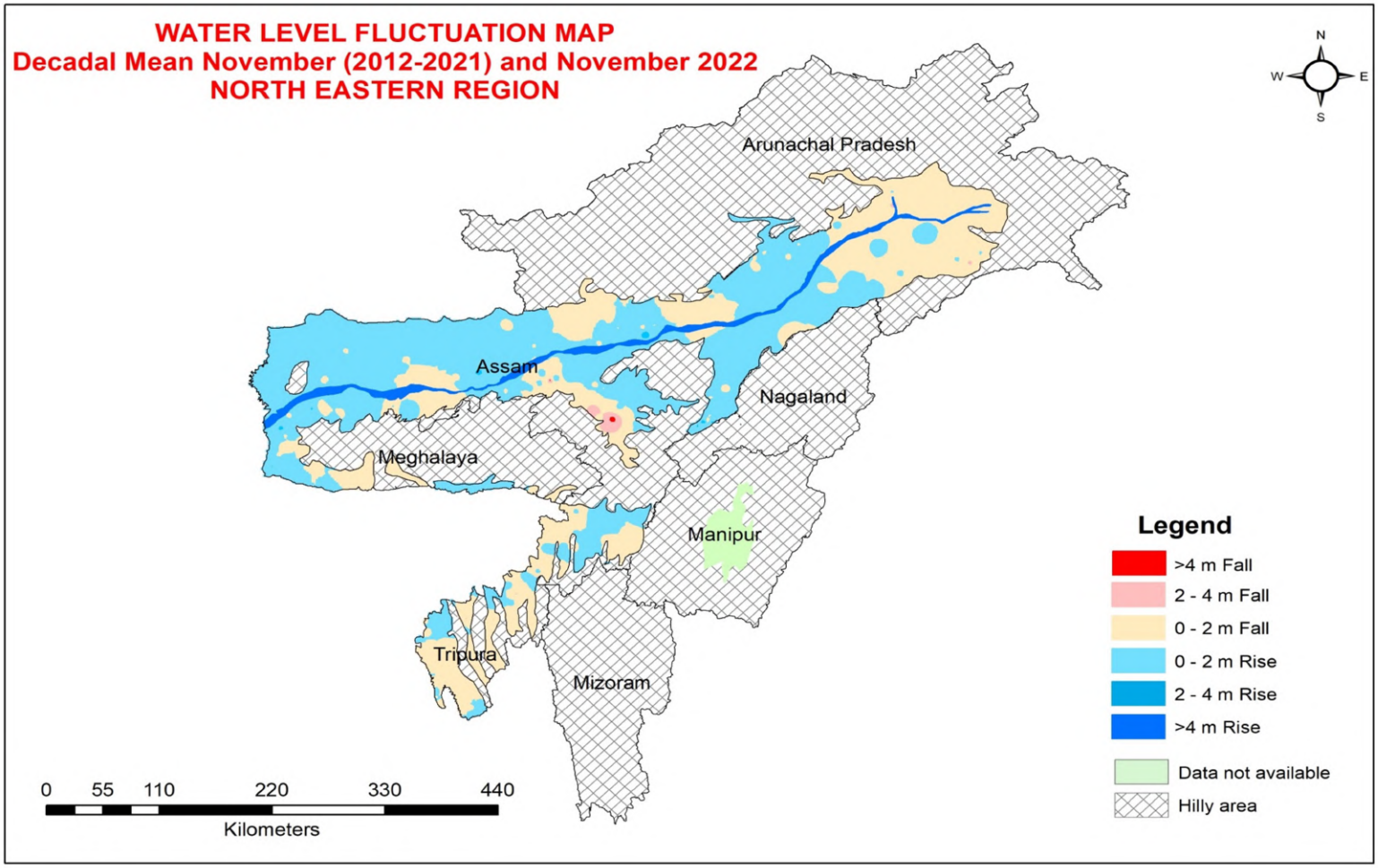


Fig.18:Water Level Fluctuation in November, 2022 with respect to Decadal Mean (November, 2012-2021)

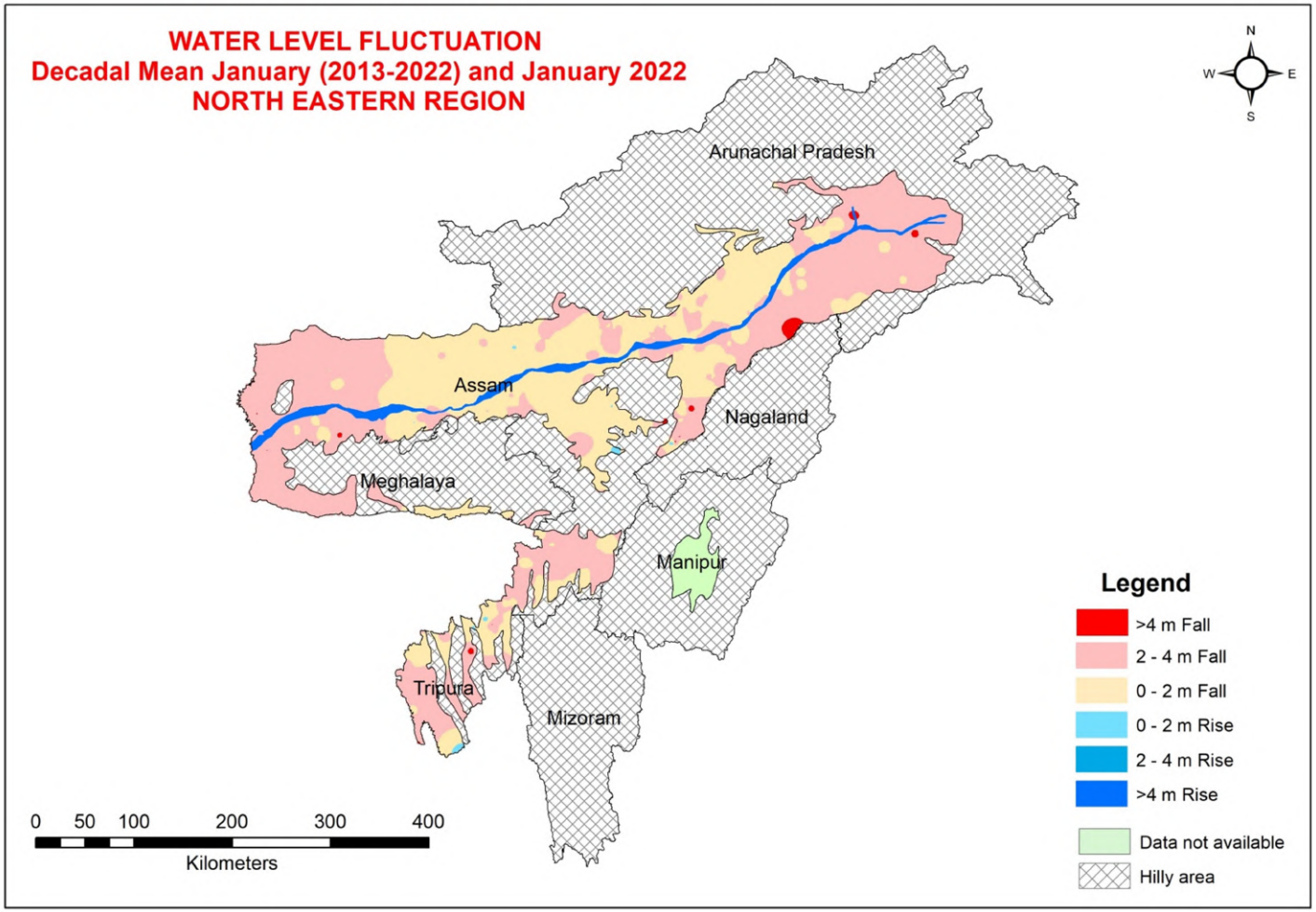


Fig.19:Water Level Fluctuation in January, 2023 with respect to Decadal Mean (January, 2013-2022)

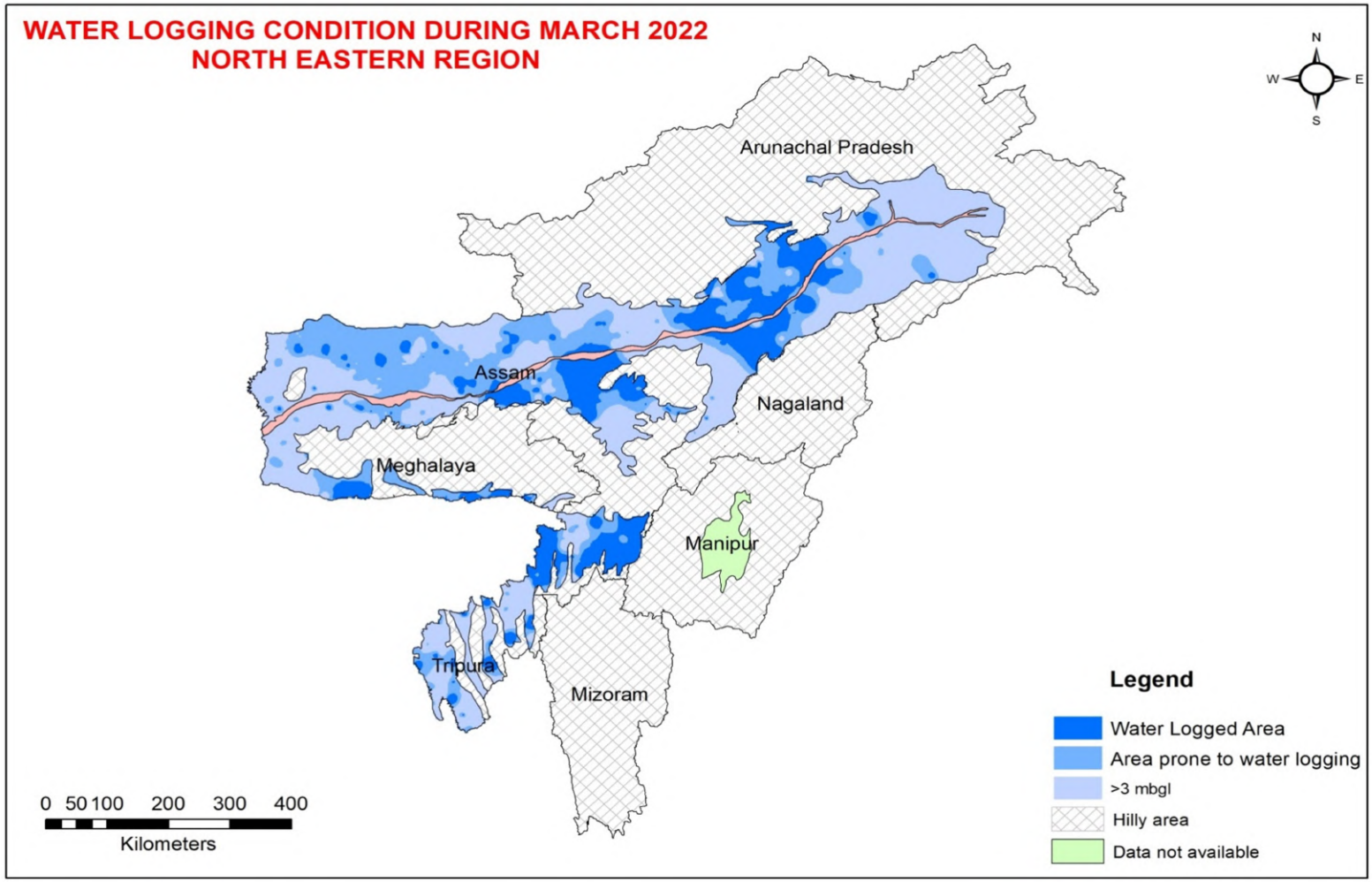


Fig.20: Water Logging Condition during Pre Monsoon (March 2022) Period.

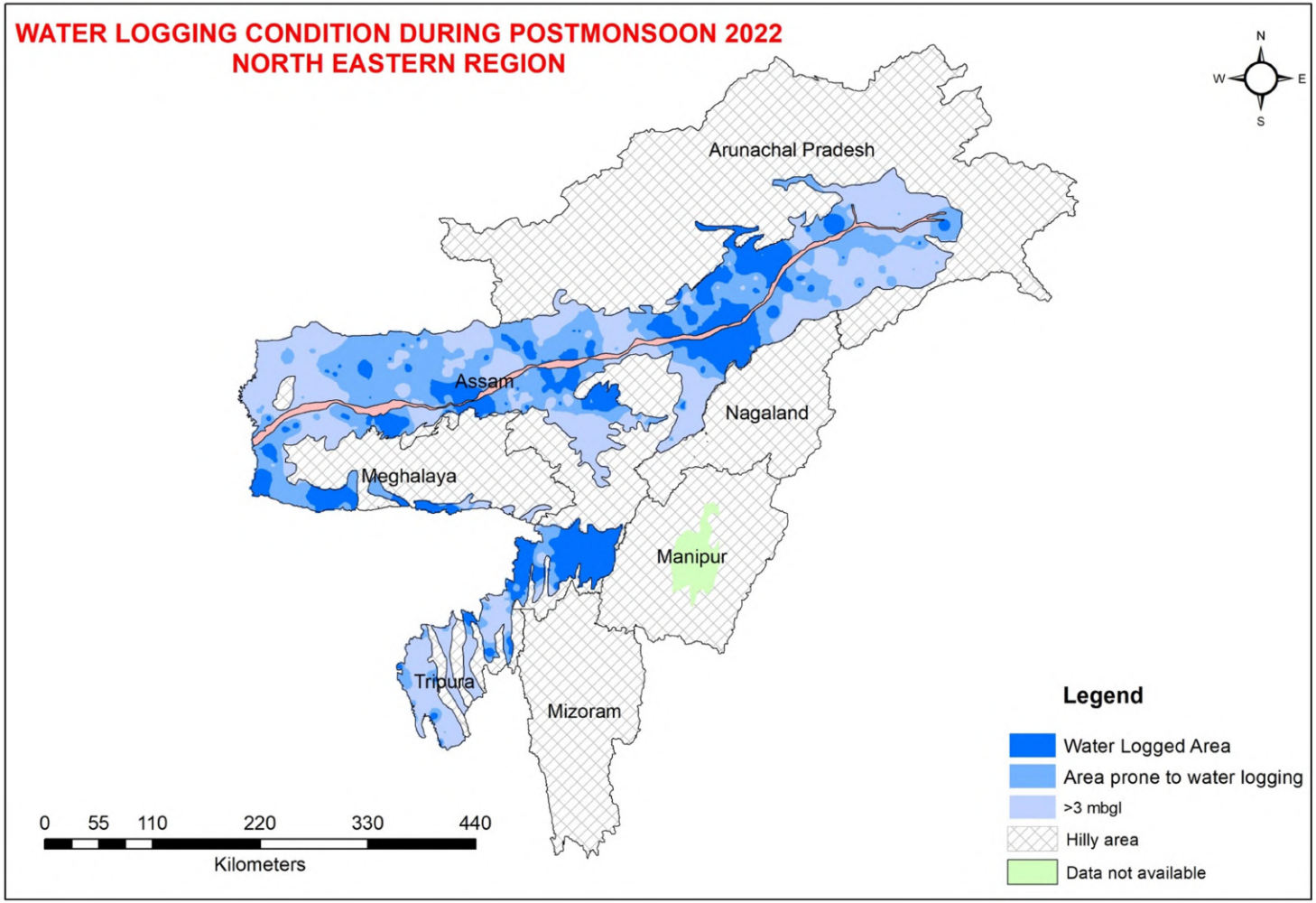


Fig.23: Water Logging Condition during Post Monsoon (November 2022) Period.

Annexure I

Details of Ground Water Monitoring Wells in North Eastern Region

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Arunachal Pradesh								
Changlang								
Jairampur	92A4A1	DW	1.10	185.7	27°12'30"	96°02'30"	Alluvium	Brahmaputra
Namchik	92A3A1	DW	1.20	162.3	27°25'00"	96°02'45"	Alluvium	Brahmaputra
Namphai	92A3A2	DW	0.70	199.2	27°27'30"	96°06'30"	Alluvium	Brahmaputra
Newlisan Kharsang	92A2A1	DW	0.67	183.3	27°30'00"	96°08'00"	Alluvium	Brahmaputra
Oyan	ARES17	DW	0.73	121	27°53'25"	95°19'06"	Alluvium	Brahmaputra
Pasighat New	ARES02A	DW	0.29	158	28°09'05"	95°17'45"	Alluvium	Brahmaputra
Ruksin	ARES11	DW	0.95	121	27°50'16"	95°12'32"	Alluvium	Brahmaputra
Satmile	ARES18	DW	0.85	139	27°58'36"	95°19'54"	Alluvium	Brahmaputra
Sika Baman Todee	ARES14	DW	0.91	130	27°54'48"	95°20'37"	Alluvium	Brahmaputra
Lohit								
Adi Ningroo 1 OW	ARLO02	TW	0.60	298	27°38'8.2"	95°54'6"	Alluvium	Brahmaputra
Adi Ningroo 2 OW	ARLO03	TW	0.60	298	27°38'8.2"	95°54'6"	Alluvium	Brahmaputra
Lathow	83M2D1	DW	0.86	162.7	27°40'00"	95°52'30"	Alluvium	Brahmaputra
Medo	ARLO05	DW	0.22	202	27°47'27"	96°10'38"	Alluvium	Brahmaputra
Namsai OW	ARLO01	TW	0.70	274	27°39'56"	95°52'35"	Alluvium	Brahmaputra
Wingko OW	ARLO04	TW	0.55	293	27°37'51"	95°56'57"	Alluvium	Brahmaputra
Lower Dibang Valley								

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Kangklong	ARLDV01	DW	0.65	162	27°58'18"	95°45'27"	Alluvium	Brahmaputra
Bomte	ARLSO3	DW	1.27	144	27°49'00"	94°19'00"	Alluvium	Brahmaputra
Kolaputkar	ARLS01	DW	0.98	108	27°52'00"	94°25'00"	Alluvium	Brahmaputra
Rajgarh	ARLSO2	DW	0.83	99	27°40'00"	94°15'00"	Alluvium	Brahmaputra
Papumpare								
Banderedewa I	ARPP04	DW	0.57	127.7	27°06'19"	93°49'33"	Alluvium	Brahmaputra
Chimpu	ARPP13	DW	0.38	197	27°06'01"	93°42'00"	Alluvium	Brahmaputra
Doimukh	83E4D5	DW	0.74	209	27°08'32"	93°45'22"	Alluvium	Brahmaputra
Holangi New	ARPP16	DW	0.51	347	26°57'44"	93°35'31"	Alluvium	Brahmaputra
Kimin New	ARPP02	DW	0.63	118.00	27°18'30"	93°58'10"	Alluvium	Brahmaputra
Naharlagun I	ARPP08	DW	0.55	150.1	27°18'15.4"	93°58'15"	Alluvium	Brahmaputra
Nirjuli Vill IIA	ARPP06	DW	0.80	151.00	27°06'11"	93°41'41"	Alluvium	Brahmaputra
Nirjuli Vill IIB	ARPP07	DW	1.02	144	27°07'52"	93°43'59"	Alluvium	Brahmaputra
Papu Nallah	ARPP16	DW	1.02	118	27°07'48"	93°44'01"	Alluvium	Brahmaputra
Sonajuli	83E4C1	DW	0.62	117	27°02'45"	93°41'15"	Alluvium	Brahmaputra
Tirap								
Borduria	83M4B3	DW	0.98	117.2	27°01'00"	95°28'00"	Alluvium	Brahmaputra
Deomali	83M4C1	DW	0.87	229.7	27°12'00"	95°31'30"	Alluvium	Brahmaputra
Hukanjuri	83M4B4	DW	0.82	148.9	27°00'30"	95°28'00"	Alluvium	Brahmaputra
Assam								
Baksa								
Arnibil (Dhansiripur)	ASBS36	DW	0.90		26°44'59"	91°21'23"	Alluvium	Brahmaputra
Bakua OW	ASBS31	TW	0.50		$26^0$38’49”	92°14’27”	Alluvium	Brahmaputra
Bangalipara	ASBS02	DW	0.60		26°42'54"	91°42'43"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Barikadunga OW	ASBS30	TW	0.50		$26^0$42’18”	91°27’58”	Alluvium	Brahmaputra
Bhabanipur OW	ASBS32	TW	0.50		$26^0$42’16”	91°23’41”	Alluvium	Brahmaputra
Bhebela Boropara OW	ASBS33	TW	0.50		$26^0$38’49”	92°14’27”.	Alluvium	Brahmaputra
Chapla	ASBS04	DW	0.92		26°44'2"	91°42'40"	Alluvium	Brahmaputra
Charaimari	ASBS05	DW	1.00		26°40'37"	91°17'38"	Alluvium	Brahmaputra
Charaimari OW	ASBS35	TW	0.50		$26^0$40’55”	$92^0$17’54”	Alluvium	Brahmaputra
Dakhin Dongragaon OW	ASBS29	TW	0.50		26°40’35”	91°40’11”	Alluvium	Brahmaputra
Deusunga Ambarishnagar	ASBS07	DW	0.92		26°45'25"	91°42'29"	Alluvium	Brahmaputra
Gyati Gaon	ASBS37	DW	0.58		26°39'33"	90°59'56"	Alluvium	Brahmaputra
Jhargaon	ASBS01	DW	0.95	54	26°34'5"	91°35'12"	Alluvium	Brahmaputra
Khusabari OW	ASBS36	TW	0.50		26°34’56”	91°01’28”.	Alluvium	Brahmaputra
Kumarikata	ASBS08	DW	1.05		26°43'53"	91°33'21"	Alluvium	Brahmaputra
Naukata	ASBS09	DW	0.80		26°38'13"	91°43'34"	Alluvium	Brahmaputra
Pub Bengabari	ASBS10	DW	0.71		26°40'44"	91°20'49"	Alluvium	Brahmaputra
Shripur Deor	ASBS11	DW	0.90		26°37'4"	91°20'38"	Alluvium	Brahmaputra
Sonapur (Doomni)	ASBS35	DW	0.88		26°42'49"	91°18'23"	Alluvium	Brahmaputra
Tamulpur	78N2C1	DW	0.40	68.6	26°36'23"	91°34'48"	Alluvium	Brahmaputra
Tongabari OW	ASBS34	TW	0.50		$26^0$37’22”	$91^0$05’57”	Alluvium	Brahmaputra
Barpeta								
Dakhinhati OW	ASBP38	TW	0.50		26°19'06"	91°00'51"	Alluvium	Brahmaputra
Dhupguri(Galia)	ASBP13	DW	0.80	51	26°25'30"	91°02'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Goraimari	78N2A4	DW	0.60		26°36'40"	91°07'00"	Alluvium	Brahmaputra
Hudukata	78N2A3	DW	0.99		26°36'10"	91°06'20"	Alluvium	Brahmaputra
Nityanada OW	ASBP18	TW	0.70	42	26°33'07"	91°12'52"	Alluvium	Brahmaputra
Dakhinhati		TW						
Patacharkuchi	ASBP16	TW	1.00	42	26°30'20"	91°14'51"	Alluvium	Brahmaputra
Sarupeta	78N3A6	DW	0.76	45	26°29'55"	91°04'30"	Alluvium	Brahmaputra
Simla	78N2A1	DW	0.97	53	26°41'00"	91°13'00"	Alluvium	Brahmaputra
Sorbhog	78J3D4	DW	0.82	49	26°28'30"	90°54'10"	Alluvium	Brahmaputra
Ujanborbori	78N2A2	DW	0.80	51	26°36'00"	91°06'00"	Alluvium	Brahmaputra
Biswanath								
Behali	ASSP33	DW	0.86	83	26°49'56"	93°21'28"	Alluvium	Brahmaputra
Bihupukhuri	83F2A7	DW	0.96	85	26°44'50"	93°15'00"	Alluvium	Brahmaputra
Biswanath Chariali	83F2A6	DW	0.18	73	26°43'301"	93°09'06"	Alluvium	Brahmaputra
Biswanath Ghat	83F2A8	DW	0.76	79	26°39'40"	93°10'19"	Alluvium	Brahmaputra
Borgang New (Koherbari)	ASSP07	DW	0.85	81	26°50'04"	93°17'40"	Alluvium	Brahmaputra
Buroighat	ASSP 25	DW	0.80	104	26°52'04"	93°24"59"	Alluvium	Brahmaputra
Dagaon OW	ASBN02	TW	0.94	72	26°44'36"	93°09'57"	Alluvium	Brahmaputra
Gohpur New	ASSP23	DW	0.82	80	26°52'48"	93°36'35"	Alluvium	Brahmaputra
Gopalpur OW	ASBN03	TW	0.84	76	26°53'04"	93°39'38"	Alluvium	Brahmaputra
Helem New	ASSP24	DW	0.93	88	26°51'00"	93°27'57"	Alluvium	Brahmaputra
Kheroni	ASSP35	DW	1.00	67	26°55'12"	93°37'10"	Alluvium	Brahmaputra
Kolabari	ASSP23	DW	1.10	56	26°54'05"	93°42'29"	Alluvium	Brahmaputra
Sootia New	ASBN01	DW	0.77	77	26°44'17"	93°02'29"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Bongaigaon								
Abhayapuri New	ASBN01	DW	0.80	37.00	26°26'26"	90°39'20"	Alluvium	Brahmaputra
Baitamari	78J3C1	DW	0.86	44.45	26°26'50.8"	90°31'02.2"	Alluvium	Brahmaputra
Bongaigaon New	78J3C9	DW	0.83	43	26°29'30"	90°33'00"	Alluvium	Brahmaputra
Chalantapara	78J3C4	DW	1.10	35	26°14'16"	90°35'30"	Alluvium	Brahmaputra
Chaprakata (Dankinamari)	ASBN10	DW	1.00	48	26°29'20"	90°37'00"	Alluvium	Brahmaputra
Majgaon	ASBN11	DW	0.90	51	26°29'14"	90°38'00"	Alluvium	Brahmaputra
Manikpur	78J3D1	DW	1.00	44	26°25'08"	90°35'27"	Alluvium	Brahmaputra
Medhipara(Deo)	78J3C6	DW	0.44	43.88	26°28'00"	90°48'30"	Alluvium	Brahmaputra
North salmara	78J3C8	DW	0.65	39	26°18'25"	90°39'15"	Alluvium	Brahmaputra
Cachar								
Atalbasti	ASCR35	DW	0.86	62	24°58'05"	92°34'31"	Alluvium	Meghna
Badribasti	83D1D7	DW	0.92	22.28	24°48'35"	92°53'30"	Alluvium	Meghna
Borjalinga	83D2D1	DW	1.00	21.39	24°33'30"	92°48'00"	Alluvium	Meghna
Borkhola	83D1C8	DW	0.65	21.03	24°56'20"	92°44'30"	Alluvium	Meghna
Digharkhal	83D1C3	DW	0.85	9	24°59'20"	92°30'00"	Alluvium	Meghna
Dwarbond	ASCR40	DW	0.70	37	24°35'03"	92°01'00"	Alluvium	Meghna
Fulertol	ASCR37	DW	0.70	35	24°47'25"	93°00'19"	Alluvium	Meghna
Kalain	83D1C14	DW	0.60	18.72	24°58'20"	92°35'00"	Alluvium	Meghna
Kathaltila	ASCR36	DW	0.64	65	25°21'05"	91°23'38"	Alluvium	Meghna
Katigora	ASCR27	DW	0.85	10	24°53'13"	92°35'20"	Alluvium	Meghna
Moinarbond	83D1D6	DW	1.00	46	24°52'47"	92°53'05"	Alluvium	Meghna
Nagdirgram	ASCR39	DW	0.65	64	24°40'48"	92°52'48"	Alluvium	Meghna
Palanghat	83D2D10	DW	1.00	24.7	24°39'09"	92°53'10"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Poilapul	83H1A9	DW	0.85	27	24°50'10"	93°01'55"	Alluvium	Meghna
Razabazar	83H1A7	DW	0.75	45	24°49'55"	92°43'56"	Alluvium	Meghna
Shivtila	83H1A4	DW	0.85	25.42	24°50'00"	93°00'15"	Alluvium	Meghna
Silcoorie	ASCR38	DW	0.85	61	24°43'06"	92°46'37"	Sandstone	Meghna
Tarapur	ASCR32	DW	1.15	7	24°49'47"	92°58'45"	Alluvium	Meghna
Chirang								
Bijni	78J3C5	DW	0.90	45	26°29'30"	90°42'30"	Alluvium	Brahmaputra
Deosiri	78J1B1	DW	0.81	148.5	26°46'00"	90°28'00"	Alluvium	Brahmaputra
Garubassa	78J2B5	DW	0.86		26°33'30"	90°23'00"	Alluvium	Brahmaputra
Runikhata	78J2B2	DW	1.20	81.78	26°38'00"	90°23'00"	Alluvium	Brahmaputra
Sidli	78J2B6	DW	0.71		26°32'00"	90°28'00"	Alluvium	Brahmaputra
Darrang								
Bhakatpara Ow	ASDR33	TW	0.65	56	26°32'20"	92°04'40"	Alluvium	Brahmaputra
Dalgaon	83B2A2	DW	0.73	68	26°33'03"	92°12'30"	Alluvium	Brahmaputra
Dalgaon OW	ASDR12	TW	0.50		26^{0}34'8.83"	91^{0}11'31.45"	Alluvium	Brahmaputra
Dhula OW	ASDR05	TW	0.50		26°29' 28.72"	$91^{\circ 0}$5'42.94"	Alluvium	Brahmaputra
Dipila OW	ASDR10	TW	0.50		26^{0}27'35.57"	91°51'30.97"	Alluvium	Brahmaputra
Gelabil (Thelamara)	83B2B6	DW	0.90	51	26°42'50"	92°17'45"	Alluvium	Brahmaputra
Kharupetia	ASDR06	DW	0.88	54	26°30'39.70	92°08'29.9"	Alluvium	Brahmaputra
Konakat	ASDR07	DW	0.85	59	26°31'58.8"	92°11'27.6"	Alluvium	Brahmaputra
Lalpool OW		TW					Alluvium	Brahmaputra
Majgaon OW	ASDR34	TW	0.55		26°28'30"	92°04'56"	Alluvium	Brahmaputra
Majgaon-II	ASDR30	DW	0.94	56	26°28'50"	90°05'15"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Malibaritari	ASDR01	DW	0.65	53	26°28'24.6"	91°47'41.20	Alluvium	Brahmaputra
Malibaritari OW	ASDR02	TW	0.50		26°28’ 13.84”	91°47’37.69”	Alluvium	Brahmaputra
Mangaldoi	83B3A1	DW	0.65	55	26°26'00"	92°02'00"	Alluvium	Brahmaputra
Mangaldoi II	83B3A3	DW	0.83	56	26°25'48"	92°01'15"	Alluvium	Brahmaputra
Silbori	ASDR09	DW	0.63	68	26°36'45.8"	92°17'24.4"	Alluvium	Brahmaputra
Silbori OW	ASDR08	TW	0.50		$26^0$36’35.6”	$92^0$17’32.6”	Alluvium	Brahmaputra
Dhemaji								
Bhagaban charali	83I2D2	DW	1.05	115.00	27°38'15"	94°47'44"	Alluvium	Brahmaputra
Bijoypur	83M1A3	DW	1.00	122.29	27°45'10"	95°08'20"	Alluvium	Brahmaputra
Bokabil Ow	ASDM24	TW	0.80	100.00	27°29'50"	94°32'30"	Alluvium	Brahmaputra
Bordoloni	83I3B1	DW	1.25	95.12	27°24'30"	94°24'00"	Alluvium	Brahmaputra
Chengali Pather Ow	ASDM23	TW	0.76	88.00	27°26'10"	94°31'30"	Alluvium	Brahmaputra
Dekapam	ASDM21	DW	1.13	119.00	27°44'57"	94°55'20"	Alluvium	Brahmaputra
Dhemaji	ASDM 23	DW	1.21	89.00	27°30'42"	94°35'16"	Alluvium	Brahmaputra
Ghilamara Ow	ASDM26	TW	0.80	98.00	27°18'28"	94°27'05"	Alluvium	Brahmaputra
Gogamukh Hss Ow	ASDM25	TW	0.76	96.00	27°25'50"	94°15'45"	Alluvium	Brahmaputra
Jonai murkongselek	83M1A1	DW	0.80	124.36	27°50'12"	95°08'48"	Alluvium	Brahmaputra
Santipur	ASDM28	DW	0.60	109.00	273319	943018	Alluvium	Brahmaputra
Siripani	83I2C3	DW	0.78	108.00	27°34'58"	94°39'00"	Alluvium	Brahmaputra
Sisibargaon	83I2C2	DW	0.97	108.21	27°32'30"	94°43'20"	Alluvium	Brahmaputra
Telem	83M2A1	DW	1.01	126.98	27°42'45"	95°03'20"	Alluvium	Brahmaputra
Dhubri								

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Bagaribari	78J4A4	DW	0.81	33.00	26°12'49.1"	90°07'12.3"	Gneiss	Brahmaputra
Bahalpur New	ASDH02	DW	1.02	32.00	26°18'25.87"	90°27'48.56"	Alluvium	Brahmaputra
Bilasipara	78J4A1	DW	0.85	34.90	26°13'28.4"	90°13'49.2"	Alluvium	Brahmaputra
Chandardinga OW	ASDH05	BW	0.89	60.00	26°11'26"	90°21'22"	Gneiss	Brahmaputra
Chapamari OW	ASDH04	BW	0.50		26°14'20.33"	90°22'28.71"	Gneiss	Brahmaputra
Chapar	78J3B2	DW	0.90	39.00	26°16'36.8"	90°26'48.7"	Alluvium	Brahmaputra
Dakhin Tokesara	ASDH16	DW	1.36	23.00	26°06'27.5"	89°50'21.2"	Alluvium	Brahmaputra
Dhubri Town	78F4D4	DW	1.00		26°11'30"	90°18'45"	Alluvium	Brahmaputra
Dudhnath OW		BW	0.50	45.00	26°01'12.9"	89°59'28.7"	Gneiss	Brahmaputra
Matabag ow	ASDH19	TW	0.73	24.00	26°05'41"	89°59'05.3"	Alluvium	Brahmaputra
Moterjhar	ASDH17	DW	0.81		26°07'40"	89°52'30"	Alluvium	Brahmaputra
Panbari	ASDH01	DW	0.86	49.00	26°09'23.3"	90°03'17.6"	Gneiss	Brahmaputra
Shapamari Beat	ASDH13	DW	0.91	48.00	26°14'18.4"	90°22'30.2"	Gneiss	Brahmaputra
Sonamukhi	ASDH14	DW	0.35	33.00	26°12'26.5"	90°17'46.5"	Alluvium	Brahmaputra
Sonamukhi OW	ASDH03	TW	1.00	32.00	26°12'25.8"	90°17'43.7"	Gneiss	Brahmaputra
Tamarhat	78F4D2	DW	0.85	33.00	26°18'7.94"	89°51'0.85"	Alluvium	Brahmaputra
Dibrugarh								
AMC Campus	ASDB14	TW	0.66	94.00	27°02'14"	94°02'14"	Alluvium	Brahmaputra
Azarguri gaon	83I3D4	DW	0.64	83.00	27°19'00"	94°57'00"	Alluvium	Brahmaputra
Barbaruah	83I3D6	DW	1.05	115.69	27°23'55"	94°52'55"	Alluvium	Brahmaputra
Chabua	83M3A2	DW	0.93	119.88	27°29'15"	95°11'30"	Alluvium	Brahmaputra
Dikom	83M3A1	DW	0.68	110.28	27°28'00"	95°04'05"	Alluvium	Brahmaputra
Domar Dolong Tw	ASDB12	TW	1.00	110.16	27°12'50"	94°57'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Jaipur Naharani	83M3A4	DW	0.80	119.00	27°15'18"	95°14'17"	Alluvium	Brahmaputra
Melengial PWSS	ASDB15	TW	0.82	102.00	27°02'14"	95°26'34"	Alluvium	Brahmaputra
East Karbi Anglong								
Adarakha Tiniali	ASKA44	DW	0.87	120.00	26°07'03"	93°47'06"	Alluvium	Brahmaputra
Amlokhi	ASKA53	DW	1.35	144.00	25°57'40"	93°29'19"	Alluvium	Brahmaputra
Balipathar	83F4D3	DW	0.90	117.00	26°09'25"	93°48'00"	Alluvium	Brahmaputra
Bokajan I	ASKA41	DW	0.75	127.00	26°08'32"	93°51'10"	Alluvium	Brahmaputra
Bokajan II	ASKA42	DW	0.60	127.00	26°01'38"	93°45'48"	Alluvium	Brahmaputra
Bokoliaghat	ASKA34	DW	1.00	74.00	26°03'49"	93°11'06"	Alluvium	Brahmaputra
Bokulia	83G1C3	DW	0.69	104.78	26°03'32"	93°11'26"	Alluvium	Brahmaputra
Dengaon	ASKA08	DW	0.93	68.00	26°12'45"	92°58'19"	Alluvium	Brahmaputra
Deopani	83F4D4	DW	1.05	120.00	26°13'15"	93°50'32"	Alluvium	Brahmaputra
Dillai	83G1C4	DW	0.69	145.00	25°57'45"	93°35'06"	Alluvium	Brahmaputra
Diphu	83G1B1	DW	0.79	182.00	25°50'30"	93°27'00"	Sandstone	Brahmaputra
Diphu (lumding Road)	ASKA58	DW	0.69	166.00	25°50'04"	93°24'24"	Alluvium	Brahmaputra
Diphu(matibung Road)	ASKA57	DW	1.17	166.00	25°50'46"	93°26'41"	Alluvium	Brahmaputra
Dishobai	ASKA35	DW	0.67	97.00	26°03'49"	93°11'06"	Alluvium	Brahmaputra
Dokmoka	ASEKA01	DW	1.2	80.35	26°12'30"	93°03'56"	Alluvium	Brahmaputra
Donka Bey	ASEK02	BW	0.5		26°00'10"	93°24'41"	Gneiss	Brahmaputra
Ghouria Dhubi	ASKA43	DW	0.80	168.00	26°00'17"	93°46'07"	Alluvium	Brahmaputra
Hapjan	83G1C1	DW	0.82	148.35	25°54'10"	93°32'00"	Sandstone	Brahmaputra
Hidipi	83F4C1	DW	0.80	169.00	26°01'07"	93°38'01"	Sandstone	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Khatkhati	83G1D3	DW	0.79	143.00	25°58'38"	93°45'45"	Alluvium	Brahmaputra
Khatkhati (Matipul Namgarh)	ASKA50	DW	0.54	143.00	25°59'29"	93°45'51"	Alluvium	Brahmaputra
Lahorijan	ASKA51	DW	0.75	154.00	25°54'25"	93°39'40"	Alluvium	Brahmaputra
Lakhijan	ASKA52	DW	0.99	135.00	26°03'02"	93°44'53"	Alluvium	Brahmaputra
Langhing	ASKA32	DW	0.84	82.00	26°12'10"	93°08'01"	Alluvium	Brahmaputra
Manikpur	83F4A6	DW	0.87	98.64	26°14'59"	93°08'47"	Alluvium	Brahmaputra
Manja Bus Stand	ASKA39	DW	0.20	129.00	25°58'12"	93°26'14"	Alluvium	Brahmaputra
Manja OW	ASEK03	BW	0.50		25°58'00"	93°26'17"	Gneiss	Brahmaputra
Mohendijua	ASKA38	DW	1.00	132.00	25°59'40"	93°24'39"	Alluvium	Brahmaputra
Phonglangso	ASKA36	DW	0.92	119.00	26°00'34"	93°15'44"	Alluvium	Brahmaputra
Phuloni	83F4A2	DW	0.94	90.56	26°10'15"	93°08'12"	Alluvium	Brahmaputra
Saphapani	ASKA45	DW	0.89	109.00	26°11'48"	93°47'43"	Alluvium	Brahmaputra
Silanijan	83F3D1	DW	0.80	103.00	26°19'00"	93°52'30"	Alluvium	Brahmaputra
Swarghati	ASKA31	DW	0.63	82.00	26°12'10"	93°06'23"	Alluvium	Brahmaputra
Taralangso OW	ASEKOW04	TW	0.50	170.00	25°52'47"	93°25'10"	Siltstone	Brahmaputra
Terangaon	ASKA37	DW	1.00	120.00	26°01'02"	93°22'54"	Alluvium	Brahmaputra
Goalpara								
Agia	ASGP01	DW	0.66	32.00	26°04'58"	90°33'51"	Alluvium	Brahmaputra
Baida	78J4B3	DW	0.70	65.00	26°01'33"	90°24'59"	GNS	Brahmaputra
Bhalukdubi (Goalpara)	ASGP15	DW	0.80	41.00	25°07'50"	90°35'42"	Alluvium	Brahmaputra
Dalgoma	ASGP24	TW	0.82	39.00	26°06'18"	90°47'02"	Alluvium	Brahmaputra
Damra	78K1D8	DW	0.90	59.00	25°55'45"	90°46'35"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Digheli	ASGP25	TW	0.80	43.00	25°59'06"	91°03'39"	Alluvium	Brahmaputra
Dudhnai	78K1D1	DW	0.75	41.00	25°58'51"	90°46'54"	Alluvium	Brahmaputra
Dudhnoi II	ASGP17	DW	0.75	53.00	25°57'07"	90°46'23"	Alluvium	Brahmaputra
Dwarka	ASGP19	DW	0.90	49.00	25°03'24"	90°29'43"	Alluvium	Brahmaputra
Krishnai New	ASGP14	DW	0.80	57.00	26°02'05"	90°39'42"	Alluvium	Brahmaputra
Nisangram	ASGP26	BW	0.50		25°54'43"	90°45'50"	Gneiss	Brahmaputra
Pattarpara	ASGP22	DW	0.70	44.00	25°58'04"	90°54'23"	Alluvium	Brahmaputra
Rongjuli	78K1D2	DW	0.30	59.00	25°58'10"	90°55'30"	Alluvium	Brahmaputra
Salpara	ASGP16	DW	0.70	52.00	26°00'46"	90°42'03"	Alluvium	Brahmaputra
Sarapara	ASGP23	DW	0.85	57.00	25°58'17"	90°57'09"	Alluvium	Brahmaputra
Teuli	ASGP20	DW	0.60	47.00	26°04'24"	90°30'50"	Alluvium	Brahmaputra
2 no. balijan	ASGL03	DW	0.68	95.00	26°28'51"	93°50'13"	Alluvium	Brahmaputra
Bokakhat1	ASGL12	DW	0.70	72.00	26°38'14"	94°37'40"	Alluvium	Brahmaputra
Bongaon	ASGL11	DW	0.66		26°39'23"	94°48'09"	Alluvium	Brahmaputra
Bor Namghor	ASGL01	DW	1.00	140.00	2617'03"	94°04'30"	Alluvium	Brahmaputra
Butalikua	ASGL16	DW	0.95	55.00	26°34'54"	93°52'12"	Alluvium	Brahmaputra
dakkhin hengra	ASGL04	DW	0.84	77.00	26°34'03"	94°03'41"	Alluvium	Brahmaputra
Garampani	ASGL15	DW	0.75	95.00	26°23'34"	93°52'49"	Alluvium	Brahmaputra
Garigaon	ASGL17	DW	1.00	80.00	26°26'53"	93°58'18"	Alluvium	Brahmaputra
Haldibari Buri Ai	ASGL13	DW	0.40	87.00	26°35'05"	93°19'56"	Alluvium	Brahmaputra
Kohra kaziranga	83F2B1	DW	1.10	83.00	26°37'00"	93°27'30"	Alluvium	Brahmaputra
negheriting	ASGL05	DW	0.71	86.00	26°43'57"	94°00'02"	Alluvium	Brahmaputra
Oating	83J3A1	DW	0.75	90.00	26°26'00"	94°00'30"	Alluvium	Brahmaputra
Upper Merapani	ASGL02	DW	0.60	133.00	26°18'13"	94°05'13"	Alluvium	Brahmaputra
Hailakandi								

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Alaichera (Manipur Farm)	ASHL07	TW	**0.5**		24°23’30”	92°33’33”	Alluvium	Meghna
Aloichara OW	ASHL03	TW	**0.5**		24°22'54"	92°33'00"	Alluvium	Meghna
Boalipar OW	ASHL06	TW	**0.5**		24°42’40”	92°34’07”	Alluvium	Meghna
Burakhai	ASHL08	DW	0.80	12.00	24°37'45"	92°40'29"	Alluvium	Meghna
Katlichara OW	ASHL04	TW	**3**		24°29'16"	92°32'39"	Alluvium	Meghna
Katlicherra N	ASHL02A	DW	0.20	35.00	24°27'05"	92°37'10"	Alluvium	Meghna
Kuchila Ow	ASHL05	TW	**0.5**		24°39’00.8”	92°35'16”	Alluvium	Meghna
Lakhinagar	ASHL09	DW	0.85	18.00	24°36'11"	92°31'52"	Alluvium	Meghna
Lala	ASHL10	DW	0.62		24°35'52"	92°33'43"	Alluvium	Meghna
Monacherra OW	83D2C3	TW	0.89	25.00	24°36'45"	92°33'15"	Sandstone	Meghna
Panchgram New	ASHL05A	DW	0.90	4.00	24°51'30"	92°36'02"	Alluvium	Meghna
Hojai								
Lanka	83C1D1	DW	0.72	79.71	26°11'17"	92°44'10"	Alluvium	Brahmaputra
Lumding	83G1A1	DW	0.70	137.02	25°46'06"	93°10'25"	Sandstone	Brahmaputra
Tirchang	ASNG47	DW	0.85		26°08'15"	92°48'42"	Alluvium	Brahmaputra
Zebra Khua	ASNG33	DW	0.85	82.25	26°08'20"	92°48'31"	Alluvium	Brahmaputra
Jorhat								
2no. Sonarigaon	ASJROW40	TW	0.5		26°44′39″	94°11′32.2″	Alluvium	Brahmaputra
Bijay Nagar	ASJR33	DW	0.41	96.00	26°43'21"	94°10'38"	Alluvium	Brahmaputra
Cinemora	ASJR18	DW	0.53	82.00	26°42'34"	94°12'59"	Alluvium	Brahmaputra
Dabarapara charali	83J2B3	DW	0.85	85.00	26°40'00"	94°24'30"	Alluvium	Brahmaputra
Gatisunga	ASJR37	DW	1.35	97.00	26°40'44"	94°23'07"	Alluvium	Brahmaputra
Jalukunibari	ASJROW38	TW			26°38'44"	94°11'15"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Kamarbandha	ASJR34	DW	1.25	84.00	26°39'36"	94°07'53"	Alluvium	Brahmaputra
Kokilamukh	83J1A3	DW	0.51	78.00	26°49'07"	94°10'18"	Alluvium	Brahmaputra
Kunwari Pukhuri	ASJR35	DW	0.55	84.00	26°41'54"	94°12'25"	Alluvium	Brahmaputra
Lichubari	ASJR21	DW	0.92	99.00	26°43'38"	94°12'38"	Alluvium	Brahmaputra
Meleng Kaparadharia	ASJR28	DW	0.75	99.00	26°47'25"	94°18'08"	Alluvium	Brahmaputra
Nagjanka	ASJROW39	TW	0.75		26°37'47"	94°19'56"	Alluvium	Brahmaputra
Sodial Kacharigaon	ASJR22	DW	1.08	83.00	26°30'24"	94°09'25"	Alluvium	Brahmaputra
Titabor	83J2A7	DW	0.35	7.00	26°36'00"	94°12'30"	Alluvium	Brahmaputra
Kamrup								
Abhaipur	ASKM44	DW	0.90	34.00	26°15'15"	91°33'14"	Alluvium	Brahmaputra
Agyathuri	78N4C2	DW	0.85	49.80	26°11'30"	90°38'35"	Alluvium	Brahmaputra
Bamunigaon1	78N4B3	DW	0.70	51.67	26°01'15"	91°19'40"	Alluvium	Brahmaputra
Boko	ASKM39	DW	0.75	54.00	25°58'30"	91°14'30"	Alluvium	Brahmaputra
Chhaygaon	ASKM41	DW	0.90	38.00	26°02'28"	91°21'35"	Alluvium	Brahmaputra
Darkuchi	78N2C4	DW	0.72	62.56	26°32'28"	91°36'09"	Alluvium	Brahmaputra
Dhobartari	ASKM45	DW	0.81	43.00	26°14'53"	91°41'24"	Alluvium	Brahmaputra
Dhupguri OW	ASKM61	TW	0.55		25°56'22"	91°08'19"	Alluvium	Brahmaputra
Dora Kahara	ASKM47	DW	0.62	35.00	26°17'23.6"	91°42'43"	Alluvium	Brahmaputra
Garopara OW	ASKM58	BW	0.41	58.40	25°58'35"	91°30'30"	Gneiss	Brahmaputra
Hajo	78N4C5	DW	0.82	35.00	26°15'05"	91°31'39"	Alluvium	Brahmaputra
Jambari OW	ASKM62	TW	0.60		26°02'59"	91°17'21"	Alluvium	Brahmaputra
Kachkatchi	ASKM49	DW	0.92	56.00	26°16'48"	92°15'54"	Alluvium	Brahmaputra
Lachitnagar OW	ASKM59	BW	0.66	136.40	26°04'40"	91°32'00"	Gneiss	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Madanpur OW	ASKM55	TW	0.87		26°18'16"	91°42'58"	Alluvium	Brahmaputra
Mirza	ASKM42	DW	0.80	70.00	26°05'35"	91°32'50"	Alluvium	Brahmaputra
Pakor Kona	ASKM60	DW	1.89		26°13'55"	91°35'58"	Alluvium	Brahmaputra
Rajapara	78O1A3	DW	0.80	64.00	25°56'39"	91°07'05"	Alluvium	Brahmaputra
Rangia new	ASKM31	DW	0.42	27.00	26°26'15"	91°37'25"	Alluvium	Brahmaputra
Rani	ASKM32	DW	0.90	76.00	26°02'26"	91°35'12"	Alluvium	Brahmaputra
Rani II	ASKM43	DW	0.85	272.00	26°04'07"	91°36'22"	Alluvium	Brahmaputra
Ranikhamar OW	ASKM57	BW	0.90	129.60	26°01'48"	91°35'17"	Gneiss	Brahmaputra
Sualkuchi	78N4C11	DW	0.87	38.00	26°10'02"	91°34'15"	Alluvium	Brahmaputra
Tarani	ASKM48	DW	0.85	28.00	26°29'32"	91°35'52"	Alluvium	Brahmaputra
Kamrup Metro								
Amingaon	ASKM46	DW	0.80	53.00	26°11'30.4"	91°36'53.1"	Alluvium	Brahmaputra
Dirgheswari	78N4C12	DW	0.93	50.73	26°14'18"	91°44'34"	Alluvium	Brahmaputra
Khetri II	ASKM51	DW	0.92	58.00	26°08'48"	92°09'56"	Alluvium	Brahmaputra
Samanta Pathar	ASKM36A	DW	0.92	60.00	26°07'08"	91°58'48"	Alluvium	Brahmaputra
Sonapur	83B4A2	DW	0.85	55.00	26°07'04"	91°57'50"	Alluvium	Brahmaputra
Sonapur II	ASKM52	DW	1.00	56.00	26°07'09"	91°57'48"	Alluvium	Brahmaputra
Topatoli	83B4A4	DW	0.98	60.00	26°07'28"	91°56'58"	Alluvium	Brahmaputra
Topatoli New	ASKM35A	DW	0.50	60.50	26°06'11"	92°08'36"	Alluvium	Brahmaputra
Karimganj								
Badarpur	83D1C1	DW	0.65	8.00	24°52'00"	92°34'00"	Alluvium	Meghna
Dengarbond	ASKG18	DW	0.9	37	24°30'14"	92°26'21"	Alluvium	Meghna
Dhaulia	83D2B6	DW	0.60	41.00	24°38'30"	92°21'15"	Alluvium	Meghna
Hatikira	83D3B1	DW	0.66	36.00	24°26'00"	92°17'30"	Sandstone	Meghna
Kalinagar	ASKG12	DW	0.78	12.00	24°35'03"	92°29'01"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Karmganj	ASKG15	DW	0.90	74.00	24°51'54"	92°21'49"	Alluvium	Meghna
Kayasthagram	ASKG16	DW	0.92	30.00	24°43'15"	92°20'47"	Alluvium	Meghna
Mahakul	ASKG19	DW	0.9	26	24°32'26"	92°19'21"	Alluvium	Meghna
Marjatkandi	ASKG20	DW	0.87	24	24°50'42"	92°29'30"	Alluvium	Meghna
Mukamcherra OW	ASKG17	TW	0.50	33.00	24°30'14"	92°29'34"	Sandstone	Meghna
Nawagram	ASKG22	DW	0.9	25	24°49'33"	92°24'42"	Alluvium	Meghna
Patharkandi	ASKG17	DW	0.99	20.00	24°35'49"	92°19'14"	Alluvium	Meghna
Rangamati	ASKG23	DW	0.7	50	24°47'07"	92°17'57"	Alluvium	Meghna
Rk Nagar I	83D2B4	DW	0.90	37.00	24°32'20"	92°29'00"	Sandstone	Meghna
Rupargul	ASKG24	DW	0.85	62	24°16'49"	92°17'29"	Alluvium	Meghna
Sarkaribari	83D2B7	DW	0.85	32.00	24°33'45"	92°24'50"	Alluvium	Meghna
Taturgul	ASKG25	DW	1.05	39	24°42'47"	92°23'42"	Alluvium	Meghna
Kokrajhar								
Amguri	ASKJ01	DW	0.89	60.00	26°32'25"	90°20'16"	Alluvium	Brahmaputra
Balajan	ASDH15	DW	0.83	22.00	26°05'50"	89°53'13"	Alluvium	Brahmaputra
Bisumari	78J2B1	DW	0.85	68.23	26°34'00"	90°18'00"	Alluvium	Brahmaputra
Dotma	78J3A1	DW	0.83	51.65	26°29'30"	90°09'30"	Alluvium	Brahmaputra
Gossaigaon	78F3D1	DW	1.15	47.29	26°26'30"	89°58'00"	Alluvium	Brahmaputra
Kachugaon	78J2A1	DW	0.65	57.28	26°34'00"	90°04'00"	Alluvium	Brahmaputra
Kokrajhar	78J3B1	DW	1.00	44.69	26°22'45"	90°17'00"	Alluvium	Brahmaputra
Mandarpara	ASKJ22	DW	0.8		26°25'17"	90°04'23"	Alluvium	Brahmaputra
Raimona Joypur	ASKJ02	DW	0.85	47.00	26°32'03"	90°06'50"	Alluvium	Brahmaputra
Rupshi	78F4D3	DW	0.90	25.00	26°07'05"	89°55'21"	Alluvium	Brahmaputra
Serfanguri	78J2A2	DW	0.78		26°34'09"	90°09'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Srirampur forest range office	ASKJ21	DW	0.70	10.00	26°26'00"	89°54'09"	Alluvium	Brahmaputra
Ultapani	78J1B2	DW	1.20		26°49'30"	90°15'20"	Alluvium	Brahmaputra
Lakhimpur								
Amguri	ASLK23	DW	1.00	71.00	26°53'00"	93°46'00"	Alluvium	Brahmaputra
Basudeothan	83I3B8	DW	1.05	76.00	27°15'30"	94°21'30"	Alluvium	Brahmaputra
Bhogpur charali	83E4D1	DW	0.82	91.71	27°02'00"	93°50'10"	Alluvium	Brahmaputra
Bihpuria	83E4D4	DW	0.87	87.28	27°02'00"	93°54'30"	Alluvium	Brahmaputra
Boginadi balijan new	ASLK06	DW	0.98	100	27°23'01"	94°11'20"	Alluvium	Brahmaputra
Borbil Tariyani	ASLK29	DW	0.82	94.00	27°24'14"	94°10'06"	Alluvium	Brahmaputra
Dejoo	ASLK24	DW	1.03	79.00	27°16'18"	94°01'31"	Alluvium	Brahmaputra
Dolanghat chara	83I4A3	DW	0.46	93.99	27°09'48"	93°59'54"	Alluvium	Brahmaputra
Harmoti	83E4D6	DW	1.00	106.00	27°07'21"	93°51'20"	Alluvium	Brahmaputra
Kadam	83I3A3	DW	0.75	92.00	27°17'40"	94°09'10"	Alluvium	Brahmaputra
Laluk	83E4D2	DW	1.12	74.00	27°07'30"	93°54'30"	Alluvium	Brahmaputra
Madhupur	ASLK22	DW	0.90	75.00	27°02'32"	93°48'37"	Alluvium	Brahmaputra
Milanpur	ASLK26	DW	0.80	95.00	27°26'14"	94°17'53"	Alluvium	Brahmaputra
Moridirgha	ASLK30	DW	1.47	88.00	27°19'11"	94°08'04"	Alluvium	Brahmaputra
N Lakhimpur Ow	ASLK27	TW	0.65		27°11'56"	94°26'34"	Alluvium	Brahmaputra
N. Lakhipur	ASLK32	DW	0.81	93.00	27°13'20"	94°06'10"	Alluvium	Brahmaputra
Narayanpur	83F1D4	DW	1.14	80.00	26°57'12"	93°51'18"	Alluvium	Brahmaputra
Panigaon	83I4A2	DW	0.90	109.00	27°07'00"	94°06'42"	Alluvium	Brahmaputra
Panigaon OW	ASLK02	TW	0.50		26°46'36"	92°54'19"	Alluvium	Brahmaputra
Pathalipam	83I3B6	DW	0.99	100.92	27°26'30"	94°17'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Pathalipam II	ASLK25	DW	0.96	111	27°26'39"	94°12'47"	Alluvium	Brahmaputra
Majuli								
Kakorikata(Chila kola)	ASMJ01	TW	0.67	83	26°56'55"	94°05'48"	Alluvium	Brahmaputra
Morigaon								
Baghara	83B4B2	DW	0.92	39.00	26°13'36"	92°16'33"	Alluvium	Brahmaputra
Baropujia	ASMR14	DW	0.98	45.00	26°16'36"	92°30'33"	Alluvium	Brahmaputra
Barukati	ASMR27	DW	0.44	41.00	26°23'56"	92°13'56"	Alluvium	Brahmaputra
Basanaghat	ASMR19	DW	0.80	52.00	26°15'29"	92°18'42"	Alluvium	Brahmaputra
Basanaghat OW	ASMR31	TW	0.80		26°14'44"	92°18'42"	Alluvium	Brahmaputra
Charibahi Ow	ASMR22	TW	0.55	69.29	26°17'30"	92°27'19"	Alluvium	Brahmaputra
Daponibari N	ASMR30	DW	0.76	61.76	26°08'38"	92°22'27"	Alluvium	Brahmaputra
Deosal	ASMR12	DW	0.94	40.00	26°07'35"	92°15'09"	Alluvium	Brahmaputra
Garmari gaon	83B3A4	DW	1.00	38.00	26°15'47"	92°13'25"	Alluvium	Brahmaputra
Jagibhagatgaon Ow	ASMR20	TW	0.71	38.00	26°11'05"	92°13'42"	Alluvium	Brahmaputra
Jagiroad	83B4A1	DW	0.62	65.24	26°07'00"	92°10'00"	Alluvium	Brahmaputra
Kumoi	ASMR15	DW	1.13	45.00	26°11'37"	92°14'43"	Alluvium	Brahmaputra
Miarabari New	83B3B3	DW	0.90	94.58	26°27'13"	92°24'42"	Alluvium	Brahmaputra
Nasatra	83B4A5	DW	1.00	57.11	26°15'10"	92°20'40"	Alluvium	Brahmaputra
Nelle New	ASMR11	DW	0.84	59.90	26°05'59"	92°18'58"	Alluvium	Brahmaputra
Pamibaghara	ASMR16	DW	0.92	64.33	26°14'27"	92°15'50"	Alluvium	Brahmaputra
Silsang Namghar	ASMR13	DW	0.94	52.07	26°07'18"	92°21'03"	Alluvium	Brahmaputra
Solmari Ow	ASMR21	TW	0.72	66.03	26°14'11"	92°22'34"	Alluvium	Brahmaputra
Nagaon								

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Amsoi	83B4B5	DW	0.77	65.77	26°08'10"	92°25'18"	Alluvium	Brahmaputra
Bagori	83F2A4	DW	1.15	73.08	26°33'00"	93°15'00"	Alluvium	Brahmaputra
Balijuri Ow	ASNG42	TW	0.80	75.20	26°10'10"	92°35'21"	Alluvium	Brahmaputra
Bamuni	ASNG50	DW	0.90	44.71	26°12'10"	92°52'21"	Alluvium	Brahmaputra
Bamuni tinali	83B3D9	DW	1.41	58.82	26°17'43"	92°47'33"	Alluvium	Brahmaputra
Beldonga mandir	83B4D8	DW	0.84	78.19	26°08'16"	92°48'43"	Alluvium	Brahmaputra
Bichamari	83B3B1	DW	0.87	63.66	26°24'05"	92°27'36"	Alluvium	Brahmaputra
Bordowa	83B3C2	DW	1.01	57.78	26°24'20"	92°32'30"	Alluvium	Brahmaputra
Dakhinpath OW	ASNG44	TW	0.72	72.01	26°15'38"	92°38'27"	Alluvium	Brahmaputra
Dalapani	ASNG39	DW	0.90	77.25	26°34'01"	92°51'44"	Alluvium	Brahmaputra
Dhing	83B3B6	DW	0.49	60.15	26.46149	92.47859	Alluvium	Brahmaputra
Doboka	83B4D1	DW	0.80	74.51	26°07'55"	92°53'17"	Alluvium	Brahmaputra
Ghasibasti Ow	ASNG46	DW	0.40	52.72	26°20'29"	92°52'05"	Alluvium	Brahmaputra
Gomotha	ASNG34	DW	0.85	8.40	26°20'44"	92°44'55"	Alluvium	Brahmaputra
Haldiati sub bt	83B4D6	DW	0.89	85.20	26°10'21"	92°56'36"	Alluvium	Brahmaputra
Hatenibatha	ASNG35	DW	0.68		26°20'10"	92°45'41"	Alluvium	Brahmaputra
Jurapukhuri	83C1D7	DW	0.84	74.69	25°57'55"	92°56'37"	Alluvium	Brahmaputra
Kathiatoli	83B4C4	DW	0.94	63.22	26°11'17"	92°42'10"	Alluvium	Brahmaputra
Kazirang Tourist Vil	ASNG27	DW	0.60		26°35'09"	93°23'42"	Alluvium	Brahmaputra
Kondali	83B3D5	DW	0.99	82.99	26°13'14"	92°46'15"	Alluvium	Brahmaputra
Nadeorigaon	83B4D2	DW	0.83	61.56	26° 9' 34"	92°39'26"	Alluvium	Brahmaputra
Naltali	ASNG37	DW	0.66	56.00	26°32'58"	92°53'37"	Alluvium	Brahmaputra
Phulaguri	ASNG48	DW	0.98	58.00	26°16'02"	92°35'09"	Alluvium	Brahmaputra
Phulaguri R6	83F2A5	DW	0.37	75.00	26°34'31"	93°05'07"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Rangamati Ow	ASNG45	TW	0.80	60.00	26°24'16"	92°55'21"	Alluvium	Brahmaputra
Silghat	83B2D6	DW	0.96	63.00	26°36'25"	92°55'45"	Alluvium	Brahmaputra
Sulung p.o.	83B3D8	DW	0.74	66.49	26°34'13"	92°52'23"	Alluvium	Brahmaputra
Telia bebejia	83B3C7	DW	0.50	66.96	26°26'28"	92°38'24"	Alluvium	Brahmaputra
Nalbari								
Aithabari	78N2B5	DW	0.86	58.98	26°44'05"	91°21'30"	Alluvium	Brahmaputra
Arikuchi	78N3B4	DW	0.90	44.99	26°22'18"	91°26'42"	Alluvium	Brahmaputra
Balilecha	78N3B6	TW	0.50		26°25'04"	91°28'29"	Alluvium	Brahmaputra
Daulasal	ASBP14	DW	1.07	37.00	26°16'15.5"	91°13'14.7"	Alluvium	Brahmaputra
Daulasal OW	ASBP15	TW	0.80	40.00	26°16'19.5"	91°12'50.5"	Alluvium	Brahmaputra
Dhamdhama	78N2B1	DW	0.71	61.24	26°33'22"	91°27'09"	Alluvium	Brahmaputra
Dumnibazar	78N2B2	DW	0.57	77.75	26°35'30"	91°18'54"	Alluvium	Brahmaputra
Hazaregaon	78N2C10	DW	0.81	81.56	26°42'55"	91°33'36"	Alluvium	Brahmaputra
Mithabari	78N1B2	DW	0.93	112.60	26°45'42"	91°23'30"	Alluvium	Brahmaputra
Tihu	78N3B3	DW	0.93	49.00	26°28'30"	91°15'27"	Alluvium	Brahmaputra
Sibsagar								
Bandarmari	83I4C14	DW	0.87	67.00	27°11'45"	94°44'55"	Alluvium	Brahmaputra
Borkula	ASS102	TW	0.82	81.00	26°55'47"	94°44'39"	Alluvium	Brahmaputra
Demow Sukan	83I4C11	DW	0.70	79.00	27°08'45"	94°44'50"	Alluvium	Brahmaputra
Garbhaga OW	ASS101	TW	0.85	81.00	27°11'56"	94°45'00"	Alluvium	Brahmaputra
Gorgaon	ASS103	TW	0.50		26°55'48"	94°44'39"	Alluvium	Brahmaputra
Jorabari	ASS104	TW	0.50		26°55'32"	94°30'46"	Alluvium	Brahmaputra
Santak	ASSA04	TW	1.00		26°52'45"	94°48'00"	Alluvium	Brahmaputra
Sapekhati	83M4A1	DW	1.00	110.71	27°05'00"	95°12'00"	Alluvium	Brahmaputra
Sibsagar	83J1C2	DW	0.73	96.00	26°59'05"	94°37'56"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Sonitpur								
18th Mile	ASSP29	DW	1.00	105.00	26°45'00"	92°48'00"	Alluvium	Brahmaputra
Balipara	83B1D4	DW	0.90	91.00	26°49'21"	92°47'10"	Alluvium	Brahmaputra
Barchola	83B2B5	DW	0.83	74.00	26°36'30"	92°23'00"	Alluvium	Brahmaputra
Charduar	83B1D1	DW	0.72	79.00	26°52'00"	92°46'30"	Alluvium	Brahmaputra
Dhalaibil New	ASSP09	DW	0.85	79.00	26°46'48"	92°54'44"	Alluvium	Brahmaputra
Dhekiajuli	83B2B2	DW	0.85	74.00	26°42'11.3"	92°28'15"	Alluvium	Brahmaputra
Garumari	83B1D2	DW	0.88	71.00	26°52'00"	92°48'45"	Alluvium	Brahmaputra
Jamuguri North	83B2D3	DW	0.89	73.00	26°43'00"	92°55'30"	Alluvium	Brahmaputra
Na Pam	ASSP31	DW	1.00	96.00	26°41'17"	92°22'40"	Alluvium	Brahmaputra
Panigaon Ow	ASSP32	TW	0.81		26°45'09"	92°55'03"	Alluvium	Brahmaputra
Tezpur	83B2D2	DW	0.86	93.00	26°37'30"	92°48'00"	Alluvium	Brahmaputra
Thelamara	ASSP30	DW	0.54	74.00	26°41'40"	92°35'12"	Alluvium	Brahmaputra
Tolakbari Ow	ASSP34	TW	0.72	63.00	26°41'51"	92°57'22"	Alluvium	Brahmaputra
Tupia	ASSP28	DW	0.74	72.00	26°47'56"	92°43'40"	Alluvium	Brahmaputra
Tinsukia								
Borgolai	83M3C2	DW	0.75	134.68	27°17'30"	95°37'30"	Alluvium	Brahmaputra
Chapakhowa	ASTS20	DW	0.94	140.00	27°54'28"	95°45'57"	Alluvium	Brahmaputra
Digboi	83M3C1	DW	0.78	165.53	27°23'30"	95°38'30"	Alluvium	Brahmaputra
Jagun	83M3D4	DW	0.90	156.51	27°23'37"	95°53'57"	Alluvium	Brahmaputra
Jaipur naharjan	83M4B5	DW	0.50	127.37	27°14'29"	95°24'47"	Alluvium	Brahmaputra
Kumsang Selenguri	ASTS22	DW	0.56	133.00	27°30'00"	95°27'00"	Alluvium	Brahmaputra
Lekhapani	83M3D1	DW	0.49	249.00	27°18'00"	95°51'30"	Alluvium	Brahmaputra
Panitola	83M3B4	DW	0.62	117.64	27°29'35"	95°15'36"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Tinsukia	83M3B2	DW	0.75	127.00	27°28'30"	95°22'00"	Alluvium	Brahmaputra
Tipong	ASTS20	DW	0.92	155.75	27°17'18"	95°51'36"	Alluvium	Brahmaputra
Tirap gate	83M3D2	DW	0.80	158.49	27°19'52"	95°51'11"	Sandstone	Brahmaputra
Udalguri								
Bengbari	78N2D10	DW	1.00	101.00	26°43'58"	91°57'35"	Alluvium	Brahmaputra
Bhalukmari	83B2A7	DW	0.82	45.00	26°41'55"	92°13'50"	Alluvium	Brahmaputra
Bhergaon	ASDR38	DW	1	79	26°40'45"	91°49'33"	Alluvium	Brahmaputra
Bhergaon OW	ASDR37	TW	0.50		$26^0$38’28”	92°49’24”.	Alluvium	Brahmaputra
Bholabari OW	ASDR42	TW	0.5		26°35'14"	91°56'37"	Alluvium	Brahmaputra
Borangjuli	ASDR31	DW	1.1	113	26°44'21"	91°48'20"	Alluvium	Brahmaputra
Dimakuchi OW	ASDR30	TW	0.50		26°44’27”	92°48’52”	Alluvium	Brahmaputra
Dakhin Suba	ASDR43	DW	0.54	49.00	26°45'05"	92°08'30"	Alluvium	Brahmaputra
Goroibari	ASDR31	DW	0.46	52.00	26°50'41"	92°19'16"	Alluvium	Brahmaputra
Hatitopagaon	83B1B1	DW	0.76	130	26°45'00"	91°54'31"	Alluvium	Brahmaputra
Kachabil	ASDR33	DW	1	65.00	26°34'13"	91°58'52.7"	Alluvium	Brahmaputra
Kalaigaon	78N2D3	TW	0.77		26°47’31”	92°04’08”	Alluvium	Brahmaputra
Khaurung OW	ASDR32	TW	0.50		$26^0$35’54”	$91^0$49’06”	Alluvium	Brahmaputra
Khoirabari OW	ASDR39	DW			26°38'36"	92°10'12"	Alluvium	Brahmaputra
Madhupur	83B2A6	DW	0.75		26°47'38"	92°17'57"	Alluvium	Brahmaputra
Mazbat	ASDR35	TW	0.5	117	26°47’12”	92°17’37”	Alluvium	Brahmaputra
Mazbat OW	ASDR34	DW	0.50		26°41'59"	92°20'18"	Alluvium	Brahmaputra
Orang	83B2B1	DW	1.20	85.17	26°43'58"	91°57'35"	Alluvium	Brahmaputra
Paneri	78N2D9	DW	0.95	99.00	26°42'42"	92°12'20"	Alluvium	Brahmaputra
Rowta chariali	83B2A3	DW	0.82	100.83	26°38'05"	91°54'52"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Tangla/Tokken Katta	78N2D2	DW	0.80	74.00	26°39'00"	91°54'30"	Alluvium	Brahmaputra
Thekerabari .1	83B2A1	DW	0.91	53.00	26°39'00"	91°54'30"	Alluvium	Brahmaputra
West Karbi Anglong								
Boithalangsu	83C1C2	DW	0.97	69.30	25°58'20"	92°35'09"	Alluvium	Brahmaputra
Donkamokam	83C1C1	DW	0.95	74.89	25°55'58"	92°42'36"	Alluvium	Brahmaputra
Kalonga	83C1D2	DW	0.77	91.92	25°51'43"	92°46'06"	Alluvium	Brahmaputra
Kheronighat	83C1D3	DW	0.88	79.87	25°50'51"	92°53'03"	Alluvium	Brahmaputra
Meghalaya								
East Garo Hills								
Baiza Rongreng	MLEG15	DW	0.75		25°32'33"	90°35'06"	Sandstone	Meghna
Darugiri	78K2D2	DW	0.77	338	25°37'09"	90°46'03"	Alluvium	Brahmaputra
Dobetkolgiri	MEEG12	DW	0.30	259.00	25°30'33"	90°36'42"	Sandstone	Brahmaputra
Dobu	MLEG13	DW	0.60	290	25°33'58"	90°42'47"	Granite	Brahmaputra
Narringirri	MLEG14	DW	0.85		25°36'37"	90°44'23"	Granite	Brahmaputra
Rongjeng	78K2D1	DW	0.84	300.4	25°40'00"	90°48'15"	Quartzite	Brahmaputra
Rongmil	78K2D3	DW	0.78		25°44'10"	90°49'28"	Gneiss	Brahmaputra
Samanda Megapagre	MLEG16	DW	1.00		25°34'38"	90°31'37"	Sandstone	Meghna
Songsak	MLEG17	DW	0.85	275	25°39'48"	90°36'37"	Sandstone	Meghna
Williamnagar	78K2C2	DW	0.90	245	25°30'36"	90°31'10"	Alluvium	Meghna
East Jaintia Hills								
Powergrid Khlieriat	MLEJ01	BW	0.60	1142	25°20'40"	92°22'11"	Quartzite	Brahmaputra
East Khasi Hills								

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Cherrapunji	78O3C1	DW	0.20	1411	25°27'00"	91°49'00"	Gneiss	Meghna
Dangar	MLEK14	DW	0.80	19	25°11'20"	91°22'53"	Quartzite	Brahmaputra
Ichamati	MLEK15	DW	0.90	51	25°09'54"	91°41'12"	Quartzite	Brahmaputra
Lachuamiere	MLEK09	DW	0.80	1586	25°34'14"	91°53'25"	Quartzite	Brahmaputra
Nit Cherrapunji	MLEKHOW3	BW	0.50	594	25°15'01"	91°44'39'	Quartzite	Brahmaputra
Nongmynsong	MLEK12	DW	0.52	1437	25°34'47"	91°54'25"	Quartzite	Brahmaputra
Shillong Golf Link	MLEK07	DW	0.75	1440	25°34'55"	91°53'40"	Quartzite	Brahmaputra
Water Resources Dept	MLEKOW1	BW	0.50	151.4	25°33'56"	91°53'46"	Quartzite	Brahmaputra
North Garo Hills								
Bajengdoba	78K1C2	DW	0.97	272	25°53'10"	90°30'45"	Alluvium	Brahmaputra
Bajengdoba OW	MLNG 02	BH	0.80		25°53'19"	90°29'35"	Gneiss	Brahmaputra
Dainadubi	MLEG11	DW	0.80		25°53"56'	90°46"39'	Sandstone	Brahmaputra
Kharkutta	78K1D7	DW	0.93	43	25°54'20"	90°53'40"	Alluvium	Brahmaputra
Mendal	78K1B1	DW	0.80	64	25°49'29"	90°27'57"	Gneiss	Brahmaputra
Mendal OW	MLNG 01	BW	0.70		25°49'42.79"	90°27'18.63"	Gneiss	Brahmaputra
Mendipathar	78K1C1	DW	0.72	58.22	25°55'15"	90°30'30"	Alluvium	Brahmaputra
Mendipathar OW	MLNG04	BW	0.50		25°54'00"	90°38'24"	Gneiss	Brahmaputra
Wa Geasi	MLNG03	DW	0.80	79.00	25°49'20.6"	90°47'15.5"	Alluvium	Brahmaputra
Ri-Bhoi								
Byrnihat	MLRB02A	DW	0.45	89	25°42'39"	92°01'22"	Sandstone	Brahmaputra
Nayabunglow	MLRB04	DW	0.94	861	25°44'48"	91°53'12"	Gneiss	Brahmaputra
Nongladew	MLRBOW02	DW	0.77	364	25°54'10"	91°42'04"	Gneiss	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Nongpoh	78O1D1	DW	0.95	540.5	25°54'00"	91°53'00"	Gneiss	Brahmaputra
Pahanmawlier	MLRB06	DW	0.80	322	25°59'41"	91°51'42"	Gneiss	Brahmaputra
Patharkhamma Barigaon	MLRB9	DW	0.90	336	25°52'17"	91°35'41"	Gneiss	Brahmaputra
Purduwa OW	MLRBOW4	BW	0.67	601	25°54'51"	91°56'29"	Gneiss	Brahmaputra
Rpbf Kyrdemkulai OW	MLRBOW9	BW	0.60	788	25°44"57'	91°50"14'	Gneiss	Brahmaputra
Tamanpahlong	MLRB	DW	0.75	584	25°55'33"	91°56'41"	Gneiss	Brahmaputra
Tdohumshaiw	MLRBOW6	BW	0.65	1124	25°46'57"	92°01'06"	Gneiss	Brahmaputra
South Garo Hills								
Baghmara	MLSG01	DW	0.9	19	25˚12'15.52"	90˚37'55.73"	Sandstone	Brahmaputra
Betagre	MLSG07	DW	0.7	29	25°15’1.699"	90°29’13.18”	Sandstone	Brahmaputra
Chiringpara	MLSG08	DW	0.8	40	25°12’26.00”	90°16’17.00”	Sandstone	Brahmaputra
Dopha-Adan	MLSG09	DW	0.7	182	25°12’07.36"	90°36’58.27”	Sandstone	Brahmaputra
Dumnikura	MLSG02	DW	0.96		25°11'06"	90°23'21"	Sandstone	Brahmaputra
Gasuapara	MLSG04	DW	1.00		25°11'39"	90°20'56"	Sandstone	Brahmaputra
Glmatkolgre	MLSG10	DW	0.85	19	25°17’13.46"	90°26’4.162”	Sandstone	Brahmaputra
Konduk	MLSG11	DW	0.7	23	25°11’36.77”	90°21’25.19”	Sandstone	Brahmaputra
Mandangre	MLSG12	DW	0.9	24	25°10’06.57”	90°28’42.58”	Sandstone	Brahmaputra
Ampati	78G3D1	DW	1.50	33.11	25°30'00"	89°57'30"	Alluvium	Brahmaputra
Betasing II	ASWG25	DW	0.70	18	25°30'40"	89°57'15"	Sandstone	Brahmaputra
Garobandha	78K2A1	DW	0.89	20.25	25°35'00"	90°02'00"	Sandstone	Brahmaputra
Mahendraganj	78G3D2	DW	1.00	17.51	25°18'00"	89°51'35"	Alluvium	Brahmaputra
Zikzak	78G3D5	DW	1.05	38	25°23'28"	89°53'56"	Alluvium	Brahmaputra
West Garo Hills								

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Asanang	78K2B1	DW	0.77	441	25°35'58"	90°16'32"	Gneiss	Brahmaputra
Baljek	ASWG17	DW	0.70	315	25°39'50"	90°16'32"	Alluvium	Brahmaputra
Belguri	ASWG21	DW	0.70	79	25°57'50"	90°20'34"	Alluvium	Brahmaputra
Dalu	MLWG25	DW	1.00	26	25°13'40"	90°12'45"	Sandstone	Brahmaputra
Damjongre	MLWG21	DW	0.80	140	25°26'58"	90°02'12"	Sandstone	Brahmaputra
Nidanpur	78K1A3	DW	1.00	33.00	25°54'45"	90°07'40"	Alluvium	Brahmaputra
Phulbari	78K1A1	DW	0.95	30.95	25°53'00"	90°03'00"	Alluvium	Brahmaputra
Phutamamri	ASWG20	DW	0.60	40	25°56'36"	90°13'12"	Sandstone	Brahmaputra
Purkhasia	78K3A1	DW	0.78	27.92	25°18'00"	90°01'00"	Alluvium	Brahmaputra
Rajabala	ASWG26	DW	0.72	23	25°45'20"	89°58'51"	Alluvium	Brahmaputra
Rongram	ASWG18	DW	0.90	334	25°50'39"	90°12'56"	Granite	Brahmaputra
Salsella	MLWG22	DW	0.85	86	25°41'41"	90°00'50"	Sandstone	Brahmaputra
Snalgre	MLWG23	DW	0.72	282	25°44'44"	90°24'06"	Sandstone	Brahmaputra
Tikrikilla	78K1A2	DW	0.87	36.95	25°56'45"	90°14'40"	Alluvium	Brahmaputra
Dadongre	MLWG27	BW	0.50	204.00	25°43'15"	90°11'40"	Gneiss	Brahmaputra
Chasingre (NEHU)	MLWG28	BW	0.50	420.00	25°34'31"	90°14'10"	Gneiss	Brahmaputra
Rongram OW	MLWG29	BW	0.50	330.62	25°36'14"	90°15'09"	Gneiss	Brahmaputra
Jengjal	MLWG30	BW	0.50	534.00	25°40'14"	90°20'13"	Gneiss	Brahmaputra
West Jaintia Hills								
Dauki	83C4A1	DW	0.70	70.95	25°28'00"	91°49'00"	Alluvium	Meghna
Jowai	83C3A1	DW	0.83	1219	25°26'30"	92°10'30"	Sandstone	Meghna
West Khasi Hills								
Mairang N	MLWK02	DW	0.40	1663	25°34'40"	91°38'30"	Gneiss	Brahmaputra
Nongdaju	MLWK01	DW	0.95	1663	25°33'02"	90°55'07"	Gneiss	Brahmaputra

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Nagaland								
Dimapur								
3 Mile Bazar	NLDM19	DW	0.90	146	25°52'50"	93°45'44"	Alluvium	Brahmaputra
7th Mile Colony	NLDM21	DW	0.70	170	25°50'38"	93°46'27"	Alluvium	Brahmaputra
Bade Bazar	NLDM25	DW	0.80	155	25°49'33"	93°41'07"	Alluvium	Brahmaputra
Bamunpukri-1	83G9GM16	TW	0.50		25°55'27"	93°46'00"	Alluvium	Brahmaputra
Chumkidima Forest office	83G1D1	DW	0.85	182	25°48'00"	93°47'45"	Alluvium	Brahmaputra
Diphupar	NLDM22	DW	0.85	168.5	25°46'00"	93°37'00"	Alluvium	Brahmaputra
Doyabur DMC	NLDM12	DW	0.63	152.3	25°54'20"	93°42'45"	Alluvium	Brahmaputra
Maibiram	NLDM13	DW	0.70	151	25°51'52"	93°46'24"	Alluvium	Brahmaputra
Marwari Colony	83G1C9	DW	0.76	158	25°45'40"	93°36'02"	Alluvium	Brahmaputra
Rilayan Colony	NLDM24	DW	1.19	158	25°53'58"	93°41'59"	Alluvium	Brahmaputra
Seirujha Colony Chumukedi	83G9GM11	TW	0.61	160	25°46'58"	93°37'25"	Alluvium	Brahmaputra
Singrijan	83G1C6	DW	0.66	153	25°54'10"	93°43'45"	Sandstone	Brahmaputra
Thilaxu Block-II	NLDM16	DW	0.61	140	25°54'54"	93°44'58"	Alluvium	Brahmaputra
Zakesatho Colony	NLDM23	DW	0.85	149	25°54'10"	93°41'04"	Alluvium	Brahmaputra
Tripura		DW						
Dhalai		DW						
Abhanga N	TRDL04	DW	0.77	165	25°48'01"	93°45'43"	Alluvium	Meghna
Ambassa N	TRDL06	DW	0.92	155	25°50'00"	93°43'00"	Alluvium	Meghna
Chawmanu	TRDL13	DW	0.82	145	25°52'38"	93°44'15"	Alluvium	Meghna
Durga Chowmuhani	TRDL01	DW	0.80	135	25°55'06"	93°43'44"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Kali Kumar Para	TRDL10	DW	0.78	43.00	23°06'05"	91°51'36"	Alluvium	Meghna
Kamalpur	78P4D1	DW	0.66	32.59	24˚10'10"	91˚48'55"	Alluvium	Meghna
Lalchari	TRDL03	DW	0.92	66.00	23°56'03"	91°51'16"	Alluvium	Meghna
Manu N	TRDL05	DW	0.95	39.50	24˚00'09"	91˚59'31.6"	Sandstone	Meghna
Nuna Cherra	TRDL11	DW	0.83	106.00	23°47'15"	91°51'19"	Alluvium	Meghna
Sindhu Kumar	TRDL07	DW	0.90	55.00	23°57'09"	91°57'38"	Sandstone	Meghna
Gomti		DW						
Bampur	TRST 06	DW	0.96	41.00	23˚ 33' 44"	91˚ 38' 7.5"	Alluvium	Meghna
Dewanbari	TRGM04	DW	0.78	57.00	23°33′28.8″	91°32′ 7.23″	Alluvium	Meghna
Dhawajnagar Udaipur	79M2B8	DW	1.36	45.00	23˚33'13.5"	91˚27'54.8"	Alluvium	Meghna
Garjee Bazar	79M3B4	DW	0.80	32.62	23˚25'36"	91˚30'21.8"	Alluvium	Meghna
Jatanbari	TRGM01	DW	0.77	68.00	23˚25'12.8"	91˚45'30.1"	Alluvium	Meghna
Joingkami	TRGM03	DW	0.96	49.00	23°36′ 4.2″	91°31′ 30.2″	Alluvium	Meghna
Kankraban	TRST12	DW	0.87	17.00	23˚29'15"	91˚24'07"	Alluvium	Meghna
Naobari-2	TRGM02	DW	1.00	12.00	23°35′28.2″	91°31′10.824″	Alluvium	Meghna
Ompi Colony	TRGM07	DW	1.00	79.00	23°40'18.5016"	91°38'32"	Alluvium	Meghna
Twidu	TRGM06	DW	0.90	60.00	23˚43'52"	91˚39'19"	Alluvium	Meghna
Khowai		DW						
45miles	TRKH01	DW	0.70	232.00	23˚57'09"	91˚57'38"	Alluvium	Meghna
Chakmaghat Ew	TRWT02	TW	0.75	54.00	23°50'6.13"	91°40'33.86"	Sandstone	Meghna
Chakmaghat Ow	TRWT03	TW	0.75	54.00	23°50'6.095"	91°40'33.84"	Sandstone	Meghna
Kalyanpur	79M1C2	DW	0.92	41.71	23˚55'44"	91˚36'34.7"	Alluvium	Meghna
Kathalbari	TRKH05	DW	0.94	45	23°58'22.633"	91°36'25.93"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Khowai	78P4C5	DW	0.72	21.00	24˚03'50.8"	91˚36'18.7"	Alluvium	Meghna
Paschim Howaibari	TRWT34	DW	0.70	44.63	23˚48'36"	91˚35'31.5"	Alluvium	Meghna
Totabari EW	TRKH02	TW	0.78	52.00	23°54'33.44"	91°37'13.06"	Alluvium	Meghna
Tuimadhu	TRWT37	DW	0.96	58.00	23˚50'06"	91˚41'11"	Alluvium	Meghna
North Tripura								
Ananda Bazar	TRNT29	DW	0.75	80.00	23°50'52.837"	92°12'39.25"	Alluvium	Meghna
Bagbasa N	TRNT10	DW	0.95	39.75	24˚21'06.6"	92˚13'19.9"	Alluvium	Meghna
Churaibari	TRNT23	DW	0.96	32.00	24˚26'16"	92˚14'48"	Alluvium	Meghna
Dataram	TRNT30	DW	0.78	80.00	23°45'55.04"	92°13'42.947"	Alluvium	Meghna
Deocherra	TRNT25	DW	0.88	43.00	24˚ 18' 37"	92˚ 09' 35.5"	Alluvium	Meghna
Dharmanagar	83D3B2	DW	1.47	28.58	24˚22'44.2"	92˚09'35.6"	Alluvium	Meghna
Kanchanpur	84A1A1	DW	0.50	87.86	24˚02'44"	92˚11'42"	Sandstone	Meghna
Kanchanpur Court Ow	TRNT01	TW	0.84	61.00	24°03'24.07"	92°12'4.147"	Sandstone	Meghna
Khedacherra	TRNT28	DW	0.79	60.00	24°05'40.277	92°19'21.464"	Sandstone	Meghna
Krishnapur	TRNT19	DW	1.35	25.00	24˚ 20' 22"	92˚ 09' 28"	Alluvium	Meghna
Kunjanagar	TRNT21	DW	1.07	80.00	24˚ 14' 44"	92˚ 12' 20.7"	Alluvium	Meghna
Lalchhara	TRNT22	DW	0.90	-11.00	24˚ 25' 57"	92˚ 11' 32.5"	Alluvium	Meghna
Laljuri	TRNT15	DW	0.87	71.00	24˚ 06' 43"	92˚ 11' 54"	Alluvium	Meghna
Naba Joypara (natun Basti	TRNT20	DW	0.78	95.00	24˚ 10' 30"	92˚ 12' 59.7"	Alluvium	Meghna
Narendra Nagar	TRNT26	DW	0.86	58.00	24°14'29.59	92°17'6.682	Alluvium	Meghna
Panisagar	83D4A1	DW	0.78	41.60	24˚ 15' 51.2"	92˚ 09' 08.2"	Alluvium	Meghna
Rajnagar New	TRNT32	DW	0.90	29.00	24˚19'6.50"	92˚ 6' 49.77"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Sabual	TRNT31	DW	0.86	780.00	23°51'56.14"	92°15'52.688	Alluvium	Meghna
Sanicherra	TRNT24	DW	0.92	34.00	24˚23'01"	92˚13'57"	Alluvium	Meghna
Satnala	TRNT16	DW	1.05	58.00	23˚58'32"	92˚12'21"	Alluvium	Meghna
Sipahi-Jala								
Gongrai	TRWT36	DW	0.55	40.00	23˚39'24"	91˚27'14.4"	Alluvium	Meghna
Kathalia bazar	79M3B5	DW	0.75	13.76	23°23'00"	91°19'00"	Alluvium	Meghna
Konaban (replaced Kenania)	TRSJ05	DW	0.46	42.00	23°42'35.30	91°10'56.52	Alluvium	Meghna
Lalmaibari	TRSJ03	DW	1.12	31.00	23°33′ 2.97″	91°16′ 24.65″	Alluvium	Meghna
Rajib Nagar	TRSJ06	DW	0.88	41.30	23°34'16.248"	91°23'26.016"	Alluvium	Meghna
Shivnagar	TRSJ02	DW	1.13	35.00	23˚32'58.12"	91°16′ 57.82″	Alluvium	Meghna
Tufaniamura	TRWT35	DW	0.72	28.00	23˚ 41' 55.5"	91˚ 24' 25.5"	Alluvium	Meghna
South Tripura		DW						
Ananda Bandhu Para	TRST 42	DW	0.87	38	23° 12' 50.328"	91° 46' 44.688"	Alluvium	Meghna
Baishnabpur	TRST 30	DW	0.7	12	23° 2' 43.692"	91° 45' 57.888"	Alluvium	Meghna
Barkashari	TRST44	DW	0.85	20	23˚17'45"	91˚23'17"	Alluvium	Meghna
Bijaynagar	TRST 32	DW	0.72	9	22° 59' 22.668"	91° 40' 36.012"	Alluvium	Meghna
Chatakchari	TRST 40	DW	0.8	37	23°04'04.188"	91°41'41.748"	Alluvium	Meghna
Gaurnagar Bazar	TRST 44	DW	0.9	29	23˚04'19.90"	91˚38'16.98"	Alluvium	Meghna
Ghorakhappa	TRST 41	DW	0.95		23°09'43.56"	91°48'18.072"	Alluvium	Meghna
Kalirbazar	TRST 29	DW	0.9	38	23°06'53.28"	91°35'59.388"	Alluvium	Meghna
Magroom	TRST 31	DW	0.95	31	23°04'22.692"	91°46'31.872"	Alluvium	Meghna
Manu Bazar	TRST 9	DW	0.66	6.22	23˚03'51"	91˚38'55.7"	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Manurmukh	TRST03A	DW	1.00	6.62	23˚15'56"	91˚29'17.3"	Alluvium	Meghna
Michara	TRST43	DW	0.84	20	23˚15'59"	91˚30'46"	Alluvium	Meghna
Motu Mogpara	TRST 33	DW	0.9	37	23°00'10.2"	91°39'06.2"	Alluvium	Meghna
PaschimJalefa EW	TRST45	TW	0.83		23°02'00"	91°41'13"	Alluvium	Meghna
PaschimJalefa OW	TRST46	TW	0.83		23°02'00"	91°41'13"	Alluvium	Meghna
Poangbari	TRST 37	DW	0.92	15	23°01'39.252"	91°34'12.36"	Alluvium	Meghna
Purba Takka	TRST 38	DW	0.67	20	23°03'35.892"	91°36'41.328"	Alluvium	Meghna
Radhanagar	TRST15	DW	0.88	42.00	23°13'32"	91°19'46"	Alluvium	Meghna
Rajib Nagar Ew	TRST28	TW	0.80	25.00	23˚ 03' 25.04"	91˚ 39' 23.75"	Alluvium	Meghna
Rajnagar	TRST14	DW	1.35	32.00	23˚13'56.8"	91˚23'30.8"	Alluvium	Meghna
Rangamura	TRST25	DW	0.90		23˚15'47"	91˚19'31"	Alluvium	Meghna
Sabroom	79M4C1	DW	0.83	18.75	23˚00'22.4"	91˚43'25.7"	Sandstone	Meghna
Shashi-Chandrapur	TRST 34	DW	0.87		22 58'23.34"	91°38'14.892"	Sandstone	Meghna
Srinagar	TRST 36	DW	1.05	6	22°59'55.86"	91°33'13.068"	Alluvium	Meghna
Tuichama Ew	TRST26	TW	0.68	27.00	23°09'24.012"	91°39'42.048"	Sandstone	Meghna
Tuichama OW	TRST27	TW	0.77	27.00	23°02'0.096"	91°41'13.236"	Sandstone	Meghna
Unakoti								
Chandramanikami	TRNT18	DW	0.9	48	24˚ 06' 43"	92˚ 11' 54"	Alluvium	Meghna
Demdum	TRUK02	DW	0.82	52.42	24°06'43"	92°11'54"	Alluvium	Meghna
Gauranagar N	TRNT11	DW	0.79	34.10	24˚17'21.4"	92˚02'0.5"	Sandstone	Meghna
Jarutali	TRNT27	DW	0.75	31.00	24˚15'15"	91˚59'09"	Alluvium	Meghna
Kanchanbari	TRUK01	DW	0.83	29.00	24°06'49.2352	91°58'36.995	Alluvium	Meghna

Village	Well No	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	River Basin
Kanchanchhera	TRNT12	DW	0.74	175.00	24˚05'07.9"	92˚00'09.1"	Alluvium	Meghna
Karaicherra	TRNT14	DW	0.75	80.00	24˚08'24"	92˚09'05"	Alluvium	Meghna
Kumarghat	83D4A6	DW	0.32	30.00	24˚09'54.9"	92˚02'31.4"	Sandstone	Meghna
Panchamnagar	TRNT17	DW	0.85	23.00	24˚13'05.7"	91˚58'52.8"	Alluvium	Meghna
Pecharthal	83D4A7	DW	0.68	-8.00	24˚11'55.8"	92˚05'59.8"	Alluvium	Meghna
West Tripura								
A D Nagar	TRWT 43	DW	0.66	20.30	23˚48' 52.19"	91˚16' 3.10"	Alluvium	Meghna
Badharghat DTW	TRWT25	TW	0.63	9.20	23˚ 48' 10"	91˚ 16' 16.3"	Alluvium	Meghna
Bodhjanagar Dtw	TRWT19	TW	0.75	46.20	23˚ 52' 57"	91˚ 21' 55"	Alluvium	Meghna
Bodhjanagar Stw	TRWT20	TW	0.95	45.80	23˚ 52' 58"	91˚ 21' 55"	Alluvium	Meghna
Chandmari	TRWT47	DW	0.76	27.00	23°52'6.7"	91°17'54"	Alluvium	Meghna
Gamcha kobra Market	TRWT44	DW	0.58	28.70	23°54'12.996"	91° 21' 0"	Alluvium	Meghna
Ishanpur	TRWT31	DW	0.80	52.00	24˚ 02' 43"	91˚ 23' 57"	Alluvium	Meghna
Khumulwng	TRWT42	DW	0.79	33.00	23°49'5.928"	91°26'20.81	Alluvium	Meghna
Madhuban	TRWT43	DW	0.68	35.30	23°47'18.996"	91°17'08.988"	Alluvium	Meghna
Nagicherra1	TRWT29	TW	0.55	25.87	23˚ 48' 13"	91˚ 19' 49"	Alluvium	Meghna
Nagicherra2	TRWT30	TW	0.63	24.72	23˚ 48' 13"	91˚ 19' 48.5"	Sandstone	Meghna
Narsinghgarh DTW	TRWT28	TW	0.70	12.80	23˚ 54' 15"	91˚ 14' 49"	Alluvium	Meghna
Pukua bari	TRWT45	DW	0.62	58.00	24°00'42.012"	91°27'00"	Alluvium	Meghna
R.K Nagar	TRWT46	DW	0.30	31.00	23°51'54"	91°20'07.008"	Alluvium	Meghna
Sadhupara	TRWT48	DW	0.80	62.10	23°48'37"	91°30'35"	Alluvium	Meghna
Simna	78P4B1	DW	0.79	23.77	24˚05'32"	91˚23'36"	Alluvium	Meghna
Tarapur	TRWT41	DW	0.88	1.00	23°59'1.629	91°23'11.998	Alluvium	Meghna

Annexure IA

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

Location	Well No.	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	Basin
AAU, Kahikuchi	ASKM02	DW	0.91		26.1063	91.6094	Alluvium	Brahmaputra
AAU, Khanapara	ASKM01	DW	0.62	94	26.1274	91.8217	Alluvium	Brahmaputra
Amingaon	ASKM03	DW	0.9	32	26.2104	91.6887	Alluvium	Brahmaputra
Ashwaklanta Temple	ASKM04	DW	1	59	26.1873	91.7224	Alluvium	Brahmaputra
Assam Poultry Farm	ASKM51	DW	0.79	13.45	26.1320	91.8179	Alluvium	Brahmaputra
Avayapuri	ASKM05	DW	1	39	26.1954	91.7168	Alluvium	Brahmaputra
Azara PHC	ASKM06	DW	0.8	39	26.1166	91.5000	Alluvium	Brahmaputra
Bakarapara	ASKM07	DW	0.75	62	26.1081	91.8005	Alluvium	Brahmaputra
Basitha FG	ASKM08	DW	0.9	59	26.0969	91.7912	Alluvium	Brahmaputra
Boragaon	ASKM09	DW	0.7	61	26.1238	91.6860	Alluvium	Brahmaputra
Chandrapur	ASKM10	DW	0.7	39	26.2377	91.9292	Alluvium	Brahmaputra
Choonsali, Madhabpur	ASKM11	DW	0.6	42	26.1952	91.7997	Alluvium	Brahmaputra
Dirgheshwari	ASKM12	DW	0.7	49	26.2389	91.7400	Alluvium	Brahmaputra
Fatasil-Ambari	ASKM14	DW	0.5	52	26.1568	91.7320	Alluvium	Brahmaputra
Ganesh Mandir, Narengi	ASKM15	DW	0.8	32	26.1749	91.8301	Alluvium	Brahmaputra
Garigaon	ASKM16	DW	0.7	37	26.1544	91.6483	Alluvium	Brahmaputra
GMC	ASKM17	DW	0.9		26.1606	91.7676	Alluvium	Brahmaputra
Kacharibasti Christian Basti	ASKM19	DW	0.85	58	26.1514	91.7813	Alluvium	Brahmaputra
Kahilipara Colony Bazar	ASKM20	DW	1.02		26.1533	91.7415	Alluvium	Brahmaputra
Kahilipara L.P. School	ASKM21	DW	0.8	53	26.1446	91.7674	Alluvium	Brahmaputra
Khanapara PP New	ASKM22	DW	0.93	75	26.1186	91.8281	Alluvium	Brahmaputra
Khanapara Sc. Museum	ASKM23	DW	0.9	82	26.1212	91.8152	Alluvium	Brahmaputra
Lakhra Chariali	ASKM25	DW	0.9		26.1073	91.7539	Alluvium	Brahmaputra
Lakshmi Mandir	ASKM26	DW	0.8	78	26.1183	91.7986	Alluvium	Brahmaputra
Lalganesh Chariali	ASKM27	DW	0.9	74	26.1413	91.7421	Alluvium	Brahmaputra
Lalmati New	ASKM28	DW	0.5		26.1106	91.7841	Alluvium	Brahmaputra
Mairapatti	ASKM29	DW	0.9	56	26.1855	91.6975	Alluvium	Brahmaputra

Location	Well No.	Well Type	MP (magl)	RL (m)	Latitude (N)	Longitude (E)	Geology	Basin
Maligaon	ASKM30	DW	0.8	52	26.1590	91.6985	Alluvium	Brahmaputra
Narangi Forest Gate	ASKM31	DW	0.9	56	26.1784	91.8234	Alluvium	Brahmaputra
Odalbakra, Pahartoli	ASKM32	DW	0.6	50	26.1419	91.7466	Alluvium	Brahmaputra
Paltan bazar	ASKM33	DW	0.54		26.1811	91.7531	Alluvium	Brahmaputra
Panikhaiti	ASKM34	DW	0.66	27	26.2098	91.8688	Alluvium	Brahmaputra
Panjabari	ASKM35	DW	0.75	59	26.1341	91.8342	Alluvium	Brahmaputra
Patgaon	ASKM36	DW	0.65	35	26.0891	91.6118	Alluvium	Brahmaputra
Patharquery	ASKM37	DW	0.7	48	26.1610	91.8205	Alluvium	Brahmaputra
Sijubari	ASKM38	DW	0.81		26.1312	91.774826	Alluvium	Brahmaputra
Survey New	ASKM52	DW	0.62		26.1437	91.7273	Alluvium	Brahmaputra
Survey Odalbakra	ASKM39	DW	0.5		26.1268	91.7425	Alluvium	Brahmaputra
Udaipur	ASKM40	DW	0.5	55	26.1627	91.7540	Alluvium	Brahmaputra
Vishwakarma Temple	ASKM41	DW	0.8		26.1655	91.7169	Alluvium	Brahmaputra
West Krishna Nagar	ASKM42	DW	0.71	38	26.1602	91.7985	Alluvium	Brahmaputra
Wireless	ASKM43	DW	0.58		26.1347	91.7922	Alluvium	Brahmaputra
Zoo Narengi Road HS	ASKM44	DW	0.96	34	26.1735	91.7893	Alluvium	Brahmaputra
AAU, Kahikutchi	ASKM45	TW	0.6	38	26.1063	91.6093	Alluvium	Brahmaputra
AAU, Khanapara		TW	0.83		26.1290	91.8214	Alluvium	Brahmaputra
Betkuchi	ASKM47	TW	0.5		26.1136	91.7221	Alluvium	Brahmaputra
Garigaon	ASKM48	TW	0.2		26.1544	91.6483	Alluvium	Brahmaputra
Gurdwara, Beltola		BW	0.2		26.1116	91.7994	Alluvium	Brahmaputra
IIT, North Guwahati	ASKM50	TW	0.75		26.1859	91.6955	Alluvium	Brahmaputra
PWSS Sawkuchi	ASKM53	TW	0.5		26.1171	91.7670	Alluvium	Brahmaputra
DGM Dakhingaon	ASKM54	BW	0.5		26.1349	91.7582	Alluvium	Brahmaputra
Champavati	ASKM55	TW	0.8		26.1437	91.7273	Alluvium	Brahmaputra
Chandmari	ASKM56	BW	0.8		26.1848	91.7726	Alluvium	Brahmaputra
EPFO, Bhangagarh	ASKM57	BW	0		26.1672	91.7650	Alluvium	Brahmaputra
Udaipur	ASKM51	TW	0.2	55	26.1629	91.7540	Alluvium	Brahmaputra
West Krishna Nagar	ASKM52	BW	0.5		26.1584	91.7980	Alluvium	Brahmaputra

Annexure II

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

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Arunachal						
Changlang						
Jairampur	92A4A1	1.10	5.10	2.56	6.02	5.21
Namchik	92A3A1	1.20	5.24		4.68	4.73
Namphai	92A3A2	0.70	4.64	2.60	2.67	4.30
Newlisan Kharsang	92A2A1	0.67	4.35	1.90	5.18	6.01
East Siang						
Oyan	ARES17	0.73	9.67	5.44		9.03
Pasighat New	ARES02A	0.29	11.16	3.45	6.98	10.24
Ruksin	ARES11	0.95	2.63	0.81	1.40	1.73
Satmile	ARES18	0.85	2.65	1.35	1.55	2.09
Sika Baman Todee	ARES14	0.91	2.64	2.51	3.81	5.22
Lohit						
Adi Ningroo 1 OW	ARLO02	0.60	5.85	2.10	3.26	3.81
Adi Ningroo 2 OW	ARLO03	0.60	5.30	2.30	3.75	1.81
Lathow	83M2D1	0.86	5.64	3.85	4.40	5.77
Medo	ARLO05	0.22			1.52	
Namsai OW	ARLO01	0.70	6.20	2.64	2.16	3.13
Wingko OW	ARLO04	0.55	4.76	2.42	1.54	5.59
Lower Subansiri						
Kangklong	ARLDV01	0.65		8.50	9.91	11.02
Bomte	ARLSO3	1.27	1.53	0.00		1.53
Kolaputkar	ARLS01	0.98		2.57		
Rajgarh	ARLSO2	0.83	7.92	1.20	2.12	5.27
Papumpare						
Banderedewa I	ARPP04	0.57	12.19	13.04	10.93	11.47
Chimpu	ARPP13	0.38	3.67		3.04	3.12
Doimukh	83E4D5	0.74	0.82	0.51	0.66	1.14
Holangi New	ARPP16	0.51	4.19	0.47	1.79	2.86
Kimin New	ARPP02	0.63	0.94	0.26	0.77	0.82
Naharlagun I	ARPP08	0.55	6.63	5.45	5.73	6.10
Nirjuli Vill IIA	ARPP06	0.80	0.15	-0.35	0.63	0.05
Nirjuli Vill IIB	ARPP07	1.02	0.51	0.15	-0.36	0.56
Papu Nallah	ARPP16	1.02		4.80	3.78	3.81
Sonajuli	83E4C1	0.62	2.76	1.56	1.58	2.48
Tirap						

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Borduria	83M4B3	0.98	5.53	3.15	5.58	5.11
Deomali	83M4C1	0.87	5.87	2.79	4.33	4.35
Hukanjuri	83M4B4	0.82	5.56	2.52	7.30	7.67
Assam						
Baksa						
Arnibil (Dhansiripur)	ASBS36	0.90		7.2	7.85	
Bakua OW	ASBS31	0.50	Autoflow	0.6	0.55	1.14
Bangalipara	ASBS02	0.60	5.62	2.95	3.80	4.09
Barikadunga OW	ASBS30	0.50	5.82	2.5	2.87	4.16
Bhabanipur OW	ASBS32	0.50		3.17	3.84	5.78
Bhebela Boropara OW	ASBS33	0.50	3.23	1.43	1.27	1.96
Chapla	ASBS04	0.92	10.38	5.70	7.24	8.44
Charaimari	ASBS05	1.00	3.87	3.00	3.08	3.75
Charaimari OW	ASBS35	0.50	Autoflow	Autoflow	autoflow	autoflow
Dakhin Dongragaon OW	ASBS29	0.50				1.2
Deusunga Ambarishnagar	ASBS07	0.92	19.10	6.02	7.37	16.42
Gyati Gaon	ASBS37	0.58		3.42	3.66	3.77
Jhargaon	ASBS01	0.95		1.53	1.72	2.54
Khusabari OW	ASBS36	0.50	2.9	3.1	2.99	3.88
Kumarikata	ASBS08	1.05		2.17	2.43	3.64
Naukata	ASBS09	0.80		1.62	1.79	2.13
Pub Bengabari	ASBS10	0.71				3.79
Shripur Deor	ASBS11	0.90	2.48	1.94		2.48
Sonapur (Doomni)	ASBS35	0.88		2	2.14	
Tamulpur	78N2C1	0.40	3.61	2.00	2.07	3.20
Tongabari OW	ASBS34	0.50		2.05	2.25	2.86
Barpeta						
Dakhinhati OW	ASBP38	0.50				
Dhupguri(Galia)	ASBP13	0.80				
Goraimari	78N2A4	0.60	2.01			
Hudukata	78N2A3	0.99		2.25	2.34	
Nityanada OW	ASBP18	0.70	3.66	1.92	2.10	3.65
Dakhinhati					3.98	
Patacharkuchi	ASBP16	1.00	2.75	1.64	1.70	3.33
Sarupeta	78N3A6	0.76	4.28	2.57	2.76	3.42
Simla	78N2A1	0.97		1.58	1.63	2.20
Sorbhog	78J3D4	0.82	2.57	0.88	1.11	3.50
Ujanborbori	78N2A2	0.80	1.51		1.32	3.20

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Biswanath						
Behali	ASSP33	0.86	4.94	2.21	3.04	3.07
Bihupukhuri	83F2A7	0.96	8.04	5.48	6.26	6.99
Biswanath Chariali	83F2A6	0.18	9.30	6.50	7.60	8.30
Biswanath Ghat	83F2A8	0.76	7.91	5.48	5.74	6.64
Borgang New (Koherbari)	ASSP07	0.85	3.45	1.90	2.40	2.90
Buroighat	ASSP 25	0.80	3.02	1.85	2.32	2.35
Dagaon OW	ASBN02	0.94	4.86			3.84
Gohpur New	ASSP23	0.82	1.96	0.63	1.12	1.60
Gopalpur OW	ASBN03	0.84	1.21		0.64	0.78
Helem New	ASSP24	0.93	2.56	0.97	1.73	2
Kheroni	ASSP35	1.00	2.85	0.98	1.93	2.80
Kolabari	ASSP23	1.10	1.09	0.42	2.40	0.85
Sootia New	ASBN01	0.77	3.78	2.01	2.77	3.13
Bongaigaon						
Abhayapuri New	ASBN01	0.80	4.05	2.60	2.82	4.10
Baitamari	78J3C1	0.86	3.62	1.85	1.63	4.67
Bongaigaon New	78J3C9	0.83	2.48	1.88		3.20
Chalantapara	78J3C4	1.10	8.94	1.96	7.00	8.64
Chaprakata (Dankinamari)	ASBN10	1.00	3.20	1.30	1.73	2.67
Majgaon	ASBN11	0.90	2.51	1.50	1.60	3.45
Manikpur	78J3D1	1.00	2.80	1.63	1.55	3.30
Medhipara(Deo)	78J3C6	0.44	2.81	1.98	1.93	3.50
North salmara	78J3C8	0.65	4.56	3.20		3.87
Cachar						
Atalbasti	ASCR35	0.86	6.10	3.92	3.23	5.93
Badribasti	83D1D7	0.92	2.56	1.04	1.01	3.88
Borjalinga	83D2D1	1.00	0.28			0.20
Borkhola	83D1C8	0.65	1.66	0.78	0.68	1.72
Digharkhal	83D1C3	0.85	8.14	2.44	2.89	4.66
Dwarbond	ASCR40	0.70	2.58	3.15	3.51	5.70
Fulertol	ASCR37	0.70	3.58	1.67	1.78	3.77
Kalain	83D1C14	0.60	5.30	1.82	1.93	2.70
Kathaltila	ASCR36	0.64	4.06	1.20	1.30	2.71
Katigora	ASCR27	0.85	2.08	1.65	1.85	1.63
Moinarbond	83D1D6	1.00	3.90	0.16	0.25	5.18
Nagdirgram	ASCR39	0.65	dry	1.34	1.39	1.31
Palanghat	83D2D10	1.00	1.13	0.65	0.98	1.60

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Poilapul	83H1A9	0.85	1.95	0.95	1.01	1.78
Razabazar	83H1A7	0.75	2.03	1.81	1.89	3.21
Shivtila	83H1A4	0.85	2.95	1.55	1.95	4.25
Silcoorie	ASCR38	0.85		0.50	0.62	3.80
Tarapur	ASCR32	1.15		-0.04	0.01	0.15
Chirang						
Bijni	78J3C5	0.90	0.17	1.21	2.86	3.20
Deosiri	78J1B1	0.81		6.37	6.96	8.29
Garubassa	78J2B5	0.86	2.12	2.73	3.54	3.64
Runikhata	78J2B2	1.20		1.83	2.77	3.40
Sidli	78J2B6	0.71	3.82	1.84	2.68	3.39
Darrang						
Bhakatpara Ow	ASDR33	0.65		3.80	3.60	4.18
Dalgaon	83B2A2	0.73	4.59	2.55	3.53	3.99
Dalgaon OW	ASDR12	0.50	8.66	7.40	7.68	8.03
Dhula OW	ASDR05	0.50	5.54	3.68	4.22	4.92
Dipila OW	ASDR10	0.50				1.65
Gelabil (Thelamara)	83B2B6	0.90	3.22			
Kharupetia	ASDR06	0.88	6.5			
Konakat	ASDR07	0.85	10.15	9.15	9.65	10.02
Lalpool OW					8.30	8.00
Majgaon OW	ASDR34	0.55				5.04
Majgaon-II	ASDR30	0.94				
Malibaritari	ASDR01	0.65	3.73	2.8	2.03	3.77
Malibaritari OW	ASDR02	0.50				0.65
Mangaldoi	83B3A1	0.65	4.21	3.75	3.87	4.62
Mangaldoi II	83B3A3	0.83	4.56	2.23	2.55	3.38
Silbori	ASDR09	0.63				3.28
Silbori OW	ASDR08	0.50	6.11			8.27
Dhemaji						
Bhagaban charali	83I2D2	1.05	10.02	6.75	7.90	9.28
Bijoypur	83M1A3	1.00	2.41	0.81	1.31	abn
Bokabil Ow	ASDM24	0.80	3.47	1.42	2.26	2.45
Bordoloni	83I3B1	1.25	0.61		0.10	0.45
Chengali Pather Ow	ASDM23	0.76	2.22	0.44	1.08	1.84
Dekapam	ASDM21	1.13			1.35	1.77
Dhemaji	ASDM 23	1.21	1.44	0.28	0.53	1.39
Ghilamara Ow	ASDM26	0.80	4.40	2.32	3.26	4.10
Gogamukh Hss Ow	ASDM25	0.76	3.65	1.05	1.80	2.80
Jonai murkongselek	83M1A1	0.80	2.23	1.16	1.60	2.02

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Santipur	ASDM28	0.60	3.40	0.95	1.76	2.45
Siripani	83I2C3	0.78	1.47	0.52	0.92	1.42
Sisibargaon	83I2C2	0.97	2.14	0.67	1.08	1.75
Telem	83M2A1	1.01	4.49	1.47	2.09	3.16
Dhubri						
Bagaribari	78J4A4	0.81	14.89	14.29	13.21	14.45
Bahalpur New	ASDH02	1.02				2.50
Bilasipara	78J4A1	0.85		1.78		3.86
Chandardinga OW	ASDH05	0.89	7.29	4.02	4.59	4.01
Chapamari OW	ASDH04	0.50	16.75		15.00	16.00
Chapar	78J3B2	0.90	4.75	3.98	3.50	5.20
Dakhin Tokesara	ASDH16	1.36				4.20
Dhubri Town	78F4D4	1.00	2.22	1.18	1.13	4.40
Dudhnath OW		0.50				6.67
Matabag ow	ASDH19	0.73	5.30	3.32	3.68	5.01
Moterjhar	ASDH17	0.81		0.78	4.29	3.83
Panbari	ASDH01	0.86	17.59	15.66	15.70	17.40
Shapamari Beat	ASDH13	0.91	16.25	11.29	13.93	16.70
Sonamukhi	ASDH14	0.35	1.16	0.62	1.10	2.87
Sonamukhi OW	ASDH03	1.00	2.55	2.40	3.15	2.67
Tamarhat	78F4D2	0.85				3.40
Dibrugarh						
AMC Campus	ASDB14	0.66	2.85	1.45	2.13	3.52
Azarguri gaon	83I3D4	0.64	3.81	2.21	3.40	3.29
Barbaruah	83I3D6	1.05	4.75	3.50	4.20	4.32
Chabua	83M3A2	0.93	4.80	2.50	3.44	5.41
Dikom	83M3A1	0.68	5.22	3.59	4.76	5.68
Domar Dolong Tw	ASDB12	1.00	3.20	1.12	1.55	3.88
Jaipur Naharani	83M3A4	0.80	2.95	1.87		
Melengial PWSS	ASDB15	0.82	3.35		3.25	3.31
East Karbi Anglong						
Adarakha Tiniali	ASKA44	0.87	2.33	2.14	0.42	1.16
Amlokhi	ASKA53	1.35	1.14	1.21	0.54	1.89
Balipathar	83F4D3	0.90	5.11	3.04	1.12	2.11
Bokajan I	ASKA41	0.75	12.67	12.15	8.75	11.59
Bokajan II	ASKA42	0.60	4.28	3.48	3.05	3.40
Bokoliaghat	ASKA34	1.00	3.56	3.10	2.43	3.97
Bokulia	83G1C3	0.69	2.40	0.75	2.36	1.02
Dengaon	ASKA08	0.93	1.87	1.57	1.02	3.50
Deopani	83F4D4	1.05	10.95	5.66	10.80	11.68

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Dillai	83G1C4	0.69	2.03	7.41	1.65	3.86
Diphu	83G1B1	0.79	22.98	23.47	19.03	
Diphu (lumding Road)	ASKA58	0.69	20.13		18.32	20.34
Diphu(matibung Road)	ASKA57	1.17	4.84			3.89
Dishobai	ASKA35	0.67	2.39	2.62		1.48
Dokmoka	ASEKA01	1.2	1.43	1.92	1.12	1.23
Donka Bey	ASEK02	0.5		22.66	23.3	26.96
Ghouria Dhubi	ASKA43	0.80	4.32	2.68	2.32	3.86
Hapjan	83G1C1	0.82		3.30		
Hidipi	83F4C1	0.80	7.30	2.52	2.23	8.06
Khatkhati	83G1D3	0.79	3.80	3.21	3.32	3.99
Khatkhati (Matipul Namgarh)	ASKA50	0.54	5.79	4.12		
Lahorijan	ASKA51	0.75	7.30	4.67	6.91	7.37
Lakhijan	ASKA52	0.99	5.48	5.02	4.13	5.79
Langhing	ASKA32	0.84	3.86	1.33	1.90	3.66
Manikpur	83F4A6	0.87	1.18	0.73	1.11	1.30
Manja Bus Stand	ASKA39	0.20	3.53	3.10	2.10	3.05
Manja OW	ASEK03	0.50		1.16	1.32	2.06
Mohendijua	ASKA38	1.00	2.60	2.42	4.12	5.86
Phonglangso	ASKA36	0.92	6.66	3.35	3.82	5.14
Phuloni	83F4A2	0.94	2.10	0.82	0.84	2.10
Saphapani	ASKA45	0.89	4.35	4.03	3.24	3.99
Silanijan	83F3D1	0.80	7.87	6.30	5.49	5.49
Swarghati	ASKA31	0.63	2.27	1.47	1.62	2.67
Taralangso OW	ASEKOW04	0.50				
Terangaon	ASKA37	1.00	2.60		1.73	2.33
Goalpara						
Agia	ASGP01	0.66	2.73	1.63	2.02	2.15
Baida	78J4B3	0.70	1.61	1.34	1.78	2.92
Bhalukdubi (Goalpara)	ASGP15	0.80	7.11	2.72	2.85	7.18
Dalgoma	ASGP24	0.82			3.41	7.37
Damra	78K1D8	0.90	6.81	4.00	4.16	6.70
Digheli	ASGP25	0.80			3.60	4.67
Dudhnai	78K1D1	0.75	2.12	1.35	2.04	2.66
Dudhnoi II	ASGP17	0.75	4.93	2.70	1.35	5.48
Dwarka	ASGP19	0.90	1.52	1.14	1.25	2.45
Krishnai New	ASGP14	0.80	2.49	1.61	1.53	3.10
Nisangram	ASGP26	0.50				7.21
Pattarpara	ASGP22	0.70	3.62	1.30	1.39	2.80

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Rongjuli	78K1D2	0.30	4.62		2.36	3.01
Salpara	ASGP16	0.70	2.13	1.42	1.56	5.01
Sarapara	ASGP23	0.85	2.32	2.03	1.92	3.20
Teuli	ASGP20	0.60	4.98	2.68	3.50	4.80
Golaghat						
2 no. balijan	ASGL03	0.68	4.50	3.36		
Bokakhat1	ASGL12	0.70	3.70	3.36	2.80	3.65
Bongaon	ASGL11	0.66	7.53			
Bor Namghor	ASGL01	1.00		3.88		
Butalikua	ASGL16	0.95		2.41	1.83	2.97
dakkhin hengra	ASGL04	0.84	7.18	3.98		2.28
Garampani	ASGL15	0.75	5.36	5.62	4.68	5.57
Garigaon	ASGL17	1.00		1.15	1.10	2.49
Haldibari Buri Ai	ASGL13	0.40	6.81	3.68		3.61
Kohra kaziranga	83F2B1	1.10	9.57	7.17	3.50	8.77
negheriting	ASGL05	0.71	9.81			
Oating	83J3A1	0.75	4.00	3.84	3.12	5.16
Upper Merapani	ASGL02	0.60		4.43	4.09	5.33
Hailakandi						
Alaichera (Manipur Farm)	ASHL07	**0.5**	8.5	5.9	5.96	
Aloichara OW	ASHL03	**0.5**		8.4	8.56	**8.15**
Boalipar OW	ASHL06	**0.5**	4.5	1.5	1.56	**4.66**
Burakhai	ASHL08	0.80	0.45	-0.14	0.12	0.36
Katlichara OW	ASHL04	**3**				
Katlicherra N	ASHL02A	0.20	0.82	0.54	0.68	1.11
Kuchila Ow	ASHL05	**0.5**	4.75	2.28	2.36	**4.32**
Lakhinagar	ASHL09	0.85	3.02	1.85	1.98	2.45
Lala	ASHL10	0.62	3.36	2.81	2.68	3.58
Monacherra OW	83D2C3	0.89	2.10	1.18	1.20	1.95
Panchgram New	ASHL05A	0.90	7.13	1.65	1.68	7.63
Hojai						
Lanka	83C1D1	0.72	6.24	5.18	6.25	5.08
Lumding	83G1A1	0.70	6.70	0.97	4.17	4.13
Tirchang	ASNG47	0.85	3.16		2.38	3.89
Zebra Khua	ASNG33	0.85	3.20	1.71	2.53	2.88
Jorhat						
2no. Sonarigaon	ASJROW40	0.5			7.32	8.42
Bijay Nagar	ASJR33	0.41	0.69	1.41	1.12	1.82
Cinemora	ASJR18	0.53	1.44	2.10	1.77	3.40

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Dabarapara charali	83J2B3	0.85	2.13	1.23	2.36	2.52
Gatisunga	ASJR37	1.35	4.30	0.43	1.15	1.67
Jalukunibari	ASJROW38					
Kamarbandha	ASJR34	1.25	2.19	1.02	0.83	1.53
Kokilamukh	83J1A3	0.51	5.42	1.45	1.08	2.50
Kunwari Pukhuri	ASJR35	0.55	2.30	2.16	1.48	3.37
Lichubari	ASJR21	0.92	0.75	0.99	0.18	1.06
Meleng Kaparadharia	ASJR28	0.75	1.58	1.18	1.07	1.07
Nagjanka	ASJROW39	0.75			6.67	6.97
Sodial Kacharigaon	ASJR22	1.08	0.67	0.56	0.59	1.93
Titabor	83J2A7	0.35	1.73	1.63	1.59	1.91
Kamrup						
Abhaipur	ASKM44	0.90	1.21	0.92	0.65	1.15
Agyathuri	78N4C2	0.85		2.92	3.93	dry
Bamunigaon1	78N4B3	0.70	3.80	1.73	3.77	4.12
Boko	ASKM39	0.75	3.87	2.25	1.14	5.96
Chhaygaon	ASKM41	0.90	5.04	2.65	3.54	5.18
Darkuchi	78N2C4	0.72	3.91	4.08	3.44	4.04
Dhobartari	ASKM45	0.81	2.11	1.84	1.75	1.98
Dhupguri OW	ASKM61	0.55			1.73	8.50
Dora Kahara	ASKM47	0.62		0.47	1.43	2.80
Garopara OW	ASKM58	0.41	8.97	5.33	5.38	6.31
Hajo	78N4C5	0.82		0.13	1.70	
Jambari OW	ASKM62	0.60			4.56	6.30
Kachkatchi	ASKM49	0.92	1.45	1.31	0.98	1.60
Lachitnagar OW	ASKM59	0.66	6.87		4.19	9.73
Madanpur OW	ASKM55	0.87		2.40	2.31	2.80
Mirza	ASKM42	0.80	7.50	3.60	4.35	7.36
Pakor Kona	ASKM60	1.89				
Rajapara	78O1A3	0.80	4.53	0.76	0.97	2.43
Rangia new	ASKM31	0.42	4.11	3.59	3.72	3.90
Rani	ASKM32	0.90	3.39	0.81	1.40	3.42
Rani II	ASKM43	0.85	3.56	0.95	1.23	2.83
Ranikhamar OW	ASKM57	0.90	0.57	3.29	3.49	5.40
Sualkuchi	78N4C11	0.87	0.91	0.80	0.89	1.47
Tarani	ASKM48	0.85	3.25			
Kamrup Metro						
Amingaon	ASKM46	0.80		2.76	2.64	3.18
Dirgheswari	78N4C12	0.93	4.08	0.20	1.48	3.39
Khetri II	ASKM51	0.92	2.09		1.53	

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Samanta Pathar	ASKM36A	0.92	2.45	1.29	1.29	2.46
Sonapur	83B4A2	0.85	1.45	0.64	1.71	1.62
Sonapur II	ASKM52	1.00	1.65	0.25	1.46	1.80
Topatoli	83B4A4	0.98	2.75	1.20	1.89	2.99
Topatoli New	ASKM35A	0.50	1.39	2.17	2.46	2.39
Karimganj						
Badarpur	83D1C1	0.65	2.66			2.76
Dengarbond	ASKG18	0.9			1.29	
Dhaulia	83D2B6	0.60	0.31	-0.13		0.22
Hatikira	83D3B1	0.66	1.32	0.93	0.95	1.59
Kalinagar	ASKG12	0.78	1.90	1.32	1.36	1.32
Karmganj	ASKG15	0.90	0.59	0.55	0.68	1.10
Kayasthagram	ASKG16	0.92	1.38	0.58	0.95	0.78
Mahakul	ASKG19	0.9			0.69	
Marjatkandi	ASKG20	0.87			1.21	
Mukamcherra OW	ASKG17	0.50		-0.50	0.5 masl	
Nawagram	ASKG22	0.9			0.75	
Patharkandi	ASKG17	0.99	1.24	0.51	0.58	1.53
Rangamati	ASKG23	0.7			0.23	
Rk Nagar I	83D2B4	0.90	4.04	1.49		1.49
Rupargul	ASKG24	0.85			0.56	
Sarkaribari	83D2B7	0.85	1.70	0.60	0.71	1.10
Taturgul	ASKG25	1.05			1.01	
Kokrajhar						
Amguri	ASKJ01	0.89	6.08		5.25	6.21
Balajan	ASDH15	0.83	3.43	2.06	2.27	5.40
Bisumari	78J2B1	0.85			3.39	4.71
Dotma	78J3A1	0.83		3.03	3.50	4.45
Gossaigaon	78F3D1	1.15	3.31	2.30	3.05	3.23
Kachugaon	78J2A1	0.65	3.87	1.93	2.32	4.30
Kokrajhar	78J3B1	1.00	4.62	3.10	3.79	
Mandarpara	ASKJ22				2.69	
Raimona Joypur	ASKJ02	0.85				5.67
Rupshi	78F4D3	0.90	3.58		2.27	5.30
Serfanguri	78J2A2	0.78	2.45	2.03	2.33	2.87
Srirampur forest range office	ASKJ21	0.70	4.64	4.14	4.52	4.87
Ultapani	78J1B2	1.20		5.58	3.35	7.10
Lakhimpur						
Amguri	ASLK23	1.00	4.65	3.91	3.15	4.34

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Basudeothan	83I3B8	1.05		2.17	3.13	3.17
Bhogpur charali	83E4D1	0.82	2.02	1.17	1.59	1.82
Bihpuria	83E4D4	0.87	2.98		1.30	2.71
Boginadi balijan new	ASLK06	0.98	2.02	0.34		1.63
Borbil Tariyani	ASLK29	0.82	1.88	1.23	1.28	1.83
Dejoo	ASLK24	1.03	2.04	0.84	1.10	1.84
Dolanghat chara	83I4A3	0.46	1.22	1.28	1.47	2.04
Harmoti	83E4D6	1.00	2.85	1.14	1.55	2.67
Kadam	83I3A3	0.75	1.40	0.43	0.99	1.35
Laluk	83E4D2	1.12	1.98	0.91	1.01	1.68
Madhupur	ASLK22	0.90	1.31	0.27	0.74	1.27
Milanpur	ASLK26	0.80	3.37	0.79	1.30	2.35
Moridirgha	ASLK30	1.47	1.31	0.43	0.89	1.28
N Lakhimpur Ow	ASLK27	0.65			1.91	2.95
N. Lakhipur	ASLK32	0.81	3.81	2.51	3.17	
Narayanpur	83F1D4	1.14	3.20	1.18	1.40	2.85
Panigaon	83I4A2	0.90	2.95	1.37		2.63
Panigaon OW	ASLK02	0.50	4.52		3.64	3.82
Pathalipam	83I3B6	0.99	3.36	1.91	2.54	3.16
Pathalipam II	ASLK25	0.96	5.76	3.18	3.64	3.84
Majuli						
Kakorikata(Chilakola)	ASMJ01	0.67			3.97	
Morigaon						
Baghara	83B4B2	0.92			1.98	
Baropujia	ASMR14	0.98			1.47	
Barukati	ASMR27	0.44	4.07	1.07	1.62	2.00
Basanaghat	ASMR19	0.80	3.45	2.77	2.55	2.89
Basanaghat OW	ASMR31	0.80				
Charibahi Ow	ASMR22	0.55			2.35	
Daponibari N	ASMR30	0.76	3.83	3.01	2.30	2.73
Deosal	ASMR12	0.94	4.85	3.46	3.72	4.76
Garmari gaon	83B3A4	1.00	4.70	2.77	3.45	3.89
Jagibhagatgaon Ow	ASMR20	0.71			4.94	
Jagiroad	83B4A1	0.62	13.44	1.57	2.95	3.71
Kumoi	ASMR15	1.13	1.28	0.41	0.83	0.90
Miarabari New	83B3B3	0.90	5.50	4.11		4.77
Nasatra	83B4A5	1.00			2.16	
Nelle New	ASMR11	0.84	6.80	6.80	4.70	6.69
Pamibaghara	ASMR16	0.92	4.08	4.08	3.54	3.69
Silsang Namghar	ASMR13	0.94	0.94	2.01	1.16	2.29

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Solmari Ow	ASMR21	0.72	2.29	0.88	1.17	1.80
Nagaon						
Amsoi	83B4B5	0.77	2.43		3.88	3.20
Bagori	83F2A4	1.15	7.55	2.97	2.50	2.86
Balijuri Ow	ASNG42	0.80			3.75	
Bamuni	ASNG50	0.90			1.12	
Bamuni tinali	83B3D9	1.41	1.29	2.81	0.49	1.19
Beldonga mandir	83B4D8	0.84			2.34	
Bichamari	83B3B1	0.87	2.27	1.66		1.91
Bordowa	83B3C2	1.01	1.74	0.97	1.34	1.40
Dakhinpath OW	ASNG44	0.72	3.95	3.17	1.56	3.78
Dalapani	ASNG39	0.90	2.39	2.17		2.45
Dhing	83B3B6	0.49	3.61	3.48	2.56	3.01
Doboka	83B4D1	0.80	3.40	1.50	0.88	2.16
Ghasibasti Ow	ASNG46	0.40	3.60	0.32	3.00	3.40
Gomotha	ASNG34	0.85	2.55	1.02	1.50	2.99
Haldiati sub bt	83B4D6	0.89	3.31	1.41	2.16	2.62
Hatenibatha	ASNG35	0.68	2.52	2.42	1.67	2.43
Jurapukhuri	83C1D7	0.84	6.00	4.88	5.50	5.46
Kathiatoli	83B4C4	0.94	1.39	0.28		1.16
Kazirang Tourist Vil	ASNG27	0.60		8.81	7.94	8.64
Kondali	83B3D5	0.99	2.27	1.87	2.07	2.89
Nadeorigaon	83B4D2	0.83	1.55	1.45	1.49	1.52
Naltali	ASNG37	0.66	1.06	2.44		1.81
Phulaguri	ASNG48	0.98	1.10	1.21		1.45
Phulaguri R6	83F2A5	0.37	3.73	4.64		
Rangamati Ow	ASNG45	0.80	5.85	6.17	3.52	5.89
Silghat	83B2D6	0.96	6.44	0.69	1.52	5.73
Sulung p.o.	83B3D8	0.74	2.51	1.76	2.61	2.95
Telia bebejia	83B3C7	0.50	1.76	2.65	2.82	2.13
Nalbari						
Aithabari	78N2B5	0.86		1.38	1.47	2.48
Arikuchi	78N3B4	0.90		1.11		
Balilecha	78N3B6	0.50				
Daulasal	ASBP14	1.07		2.27	3.34	4.20
Daulasal OW	ASBP15	0.80	2.98	1.20	3.06	3.21
Dhamdhama	78N2B1	0.71	2.71	2.25	2.33	1.96
Dumnibazar	78N2B2	0.57				2.80
Hazaregaon	78N2C10	0.81		2.60		
Mithabari	78N1B2	0.93				11.49

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Tihu	78N3B3	0.93		1.13	1.35	1.99
Sibsagar						
Bandarmari	83I4C14	0.87	1.83	1.50	0.73	2.25
Borkula	ASS102	0.82	7.32	6.06	5.47	6.10
Demow Sukan	83I4C11	0.70	5.05	4.50	3.78	4.42
Garbhaga OW	ASS101	0.85		2.10	0.82	1.72
Gorgaon	ASS103	0.50		5.46		
Jorabari	ASS104	0.50		6.12	6.14	5.60
Santak	ASSA04	1.00	12.50		9.86	11.23
Sapekhati	83M4A1	1.00	5.17	3.51	2.60	3.23
Sibsagar	83J1C2	0.73	1.00	1.36	0.46	
Sonitpur						
18th Mile	ASSP29	1.00	2.63	1.41	1.78	2.17
Balipara	83B1D4	0.90	2.12	1.05	1.60	1.74
Barchola	83B2B5	0.83	3.16	0.63	1.24	2.13
Charduar	83B1D1	0.72	3.51	2.58	2.83	3.21
Dhalaibil New	ASSP09	0.85	4.93	3.35	3.80	4.40
Dhekiajuli	83B2B2	0.85	4.15	2.61	3.25	4.01
Garumari	83B1D2	0.88	2.90	0.47	1.37	2.02
Jamuguri North	83B2D3	0.89	3.89	1.14	1.41	1.69
Na Pam	ASSP31	1.00	2.15		1.33	1.64
Panigaon Ow	ASSP32	0.81				
Tezpur	83B2D2	0.86	7.22	4.54	6.19	6.74
Thelamara	ASSP30	0.54	3.46	1.51	2.02	2.72
Tolakbari Ow	ASSP34	0.72	3.84	2.50	1.73	3.48
Tupia	ASSP28	0.74	5.53	3.73	4.27	4.89
Tinsukia						
Borgolai	83M3C2	0.75	2.34	1.50	2.01	3.33
Chapakhowa	ASTS20	0.94		2.74	2.40	3.35
Digboi	83M3C1	0.78	3.10	1.70	2.80	2.63
Jagun	83M3D4	0.90	4.85	1.72	2.50	4.32
Jaipur naharjan	83M4B5	0.50		1.54	1.56	
Kumsang Selenguri	ASTS22	0.56	4.12	2.58	2.41	3.48
Lekhapani	83M3D1	0.49	5.14	1.37	3.84	3.17
Panitola	83M3B4	0.62	3.56	1.29	1.75	4.49
Tinsukia	83M3B2	0.75	5.20	2.90	4.12	5.81
Tipong	ASTS20	0.92	4.12	1.57	6.40	6.58
Tirap gate	83M3D2	0.80	5.71	1.30	5.27	6.71
Udalguri						
Bengbari	78N2D10	1.00		3.65	3.93	4.26

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Bhalukmari	83B2A7	0.82	3.85	1.90	1.96	0.92
Bhergaon	ASDR38	1		1.27	1.69	3
Bhergaon OW	ASDR37	0.50				autoflow
Bholabari OW	ASDR42				5.7	5.67
Borangjuli	ASDR31	1.1	dry	2.15	2.4	3.08
Dimakuchi OW	ASDR30	0.50				9.96
Dakhin Suba	ASDR43	0.54			2.89	
Goroibari	ASDR31	0.46		1.65	1.71	1.85
Hatitopagaon	83B1B1	0.76	3.86	1.56	2.20	2.52
Kachabil	ASDR33	1	2.33	2.2	1.28	1.47
Kalaigaon	78N2D3	0.77	1.70	0.91	1.33	1.79
Khaurung OW	ASDR32	0.50				7.11
Khoirabari OW	ASDR39			1.70	1.10	0.70
Madhupur	83B2A6	0.75	3.77			
Mazbat	ASDR35	0.5				
Mazbat OW	ASDR34	0.50				1.96
Orang	83B2B1	1.20				2.06
Paneri	78N2D9	0.95	2.71	2.54	2.61	2.63
Rowta chariali	83B2A3	0.82	2.95	1.35	1.80	2.60
Tangla/Tokken Katta	78N2D2	0.80	3.18	1.72	2.46	2.61
Thekerabari .1	83B2A1	0.91	4.60	2.45	3.30	dry
West Karbi Anglong						
Boithalangsu	83C1C2	0.97	3.55		3.45	3.81
Donkamokam	83C1C1	0.95	0.21	0.21	5.68	1.09
Kalonga	83C1D2	0.77	5.30	2.57	5.45	4.65
Kheronighat	83C1D3	0.88	9.14	8.45	12.32	9.13
Meghalaya						
East Garo Hills						
Baiza Rongreng	MLEG15	0.75	4.87	1.80	1.59	5.10
Darugiri	78K2D2	0.77	4.55	2.56	2.42	2.50
Dobetkolgiri	MEEG12	0.30	4.87	1.33	2.91	3.76
Dobu	MLEG13	0.60	3.17	2.47	2.49	2.90
Narringirri	MLEG14	0.85	1.69	0.92	1.97	2.65
Rongjeng	78K2D1	0.84	5.70	3.89	4.93	6.07
Rongmil	78K2D3	0.78	3.53	2.72	2.93	4.27
Samanda Megapagre	MLEG16	1.00	3.09	2.11	1.95	5.15
Songsak	MLEG17	0.85	2.78	1.34	1.16	2.20
Williamnagar	78K2C2	0.90	1.97	1.22	1.41	2.78
East Jaintia Hills						
Powergrid Khlieriat	MLEJ01	0.60		41.40	41.75	41.50

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East Khasi Hills						
Cherrapunji	78O3C1	0.20	1.10	0.10	0.15	0.50
Dangar	MLEK14	0.80	dry	1.00	1.20	1.85
Ichamati	MLEK15	0.90	1.10	0.50	0.60	1.80
Lachuamiere	MLEK09	0.80	0.90	0.35	0.50	1.10
Nit Cherrapunji	MLEKHOW3	0.50	4.03	4.89	4.93	4.70
Nongmynsong	MLEK12	0.52	2.84	1.98	2.54	2.30
Shillong Golf Link	MLEK07	0.75	9.37	2.05	2.84	6.10
Water Resources Dept	MLEKOW1	0.50	4.99	2.15		1.86
North Garo Hills						
Bajengdoba	78K1C2	0.97	5.23	2.32	2.76	1.63
Bajengdoba OW	MLNG 02	0.80	7.53	5.03	6.15	6.17
Dainadubi	MLEG11	0.80	3.47	2.22	2.24	4.66
Kharkutta	78K1D7	0.93	3.63	0.97	2.56	3.29
Mendal	78K1B1	0.80	2.67	1.42	1.53	2.40
Mendal OW	MLNG 01	0.70	12.35	9.80	10.14	11.07
Mendipathar	78K1C1	0.72	4.98	2.53	2.61	5.96
Mendipathar OW	MLNG04	0.50	10.23	7.53	10.83	9.90
Wa Geasi	MLNG03	0.80	4.85	2.66	2.27	4.08
Ri-Bhoi						
Byrnihat	MLRB02A	0.45	2.87	1.52	1.98	2.55
Nayabunglow	MLRB04	0.94	5.30	3.36	3.56	5.66
Nongladew	MLRBOW02	0.77	2.17	2.03	2.03	2.33
Nongpoh	78O1D1	0.95	3.01	2.65	2.85	4.30
Pahanmawlier	MLRB06	0.80		0.05	0.07	0.20
Patharkhamma Barigaon	MLRB9	0.90	4.90	3.30	2.77	4.30
Purduwa OW	MLRBOW4	0.67	3.82	2.51	2.81	3.62
Rpbf Kyrdemkulai OW	MLRBOW9	0.60	32.78	28.35	28.47	29.87
Tamanpahlong	MLRB	0.75	2.19	1.65	1.84	1.95
Tdohumshaiw	MLRBOW6	0.65	31.19	26.95	27.05	29.21
South Garo hills						
Baghmara	MLSG01	0.9	2.78	1.14	1.2	
Betagre	MLSG07	0.7	2.39	1.2	1.36	
Chiringpara	MLSG08	0.8	5.1	3	3.04	
Dopha-Adan	MLSG09	0.7	1.93	1.19	0.46	
Dumnikura	MLSG02	0.96	4.84	3.07	2.14	
Gasuapara	MLSG04	1.00	3.12	1.82	2.03	
Glmatkolgre	MLSG10	0.85	3.21	0.75	1.06	
Konduk	MLSG11	0.7	4.56	0.97	2.01	

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Mandangre	MLSG12	0.9	2.14	0.52	0.45	
Ampati	78G3D1	1.50	3.25	0.12	1.26	3.01
Betasing II	ASWG25	0.70	3.62	1.76	2.15	3.36
Garobandha	78K2A1	0.89	4.97	3.46	3.34	4.56
Mahendraganj	78G3D2	1.00	3.12	1.82	1.96	3.45
Zikzak	78G3D5	1.05	5.94	3.16	1.66	5.81
West Garo Hills						
Asanang	78K2B1	0.77	5.71	3.41	3.89	4.68
Baljek	ASWG17	0.70	2.84	1.00	3.61	3.15
Belguri	ASWG21	0.70	8.65	6.64	6.73	8.27
Dalu	MLWG25	1.00	5.31	3.51	2.17	5.61
Damjongre	MLWG21	0.80	4.81	2.74	1.43	4.63
Nidanpur	78K1A3	1.00	3.51	1.44	1.42	3.12
Phulbari	78K1A1	0.95	5.30	2.20	2.60	3.59
Phutamamri	ASWG20	0.60	4.21	2.53	1.82	3.20
Purkhasia	78K3A1	0.78	4.32	3.18	1.98	4.10
Rajabala	ASWG26	0.72	6.85	4.62	1.98	6.76
Rongram	ASWG18	0.90	3.10	1.90	2.28	3.37
Salsella	MLWG22	0.85	3.25	0.95	1.25	3.09
Snalgre	MLWG23	0.72	3.54	0.88	3.93	2.88
Tikrikilla	78K1A2	0.87	4.13	1.86	1.46	3.76
Dadongre	MLWG27	0.50		5.71	5.61	
Chasingre (NEHU)	MLWG28	0.50		>30	>30	48.16
Rongram OW	MLWG29	0.50		5.58	6.13	26.22
Jengjal	MLWG30	0.50			6.35	9.97
West Jaintia Hills						
Dauki	83C4A1	0.70	1.10	0.70	0.79	0.70
Jowai	83C3A1	0.83	0.58	0.27	0.29	0.40
West Khasi Hills						
Mairang N	MLWK02	0.40	0.90	0.50	0.52	0.95
Nongdaju	MLWK01	0.95	3.62	1.93	1.96	
Nagaland						
Dimapur						
3 Mile Bazar	NLDM19	0.90			7.92	10.66
7th Mile Colony	NLDM21	0.70	12.79	5.26	5.37	8.42
Bade Bazar	NLDM25	0.80	8.36	0.41	0.45	1.87
Bamunpukri-1	83G9GM16	0.50				
Chumkidima Forest office	83G1D1	0.85	6.25	4.59	0.63	2.22
Diphupar	NLDM22	0.85	7.20	1.32	1.41	2.56

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Doyabur DMC	NLDM12	0.63	6.28	4.38	4.63	7.21
Maibiram	NLDM13	0.70	2.51	2.56	2.64	3.69
Marwari Colony	83G1C9	0.76	6.90		5.13	6.16
Rilayan Colony	NLDM24	1.19	18.04	5.02	6.49	7.74
Seirujha Colony Chumukedi	83G9GM11	0.61	7.04	1.95	2.01	3.33
Singrijan	83G1C6	0.66	5.47	6.60	6.73	7.41
Thilaxu Block-II	NLDM16	0.61	dry	9.95	10.04	12.04
Zakesatho Colony	NLDM23	0.85	1.45	2.52	2.72	4.10
Tripura						
Dhalai						
Abhanga N	TRDL04	0.77	4.70	1.00	2.01	3.33
Ambassa N	TRDL06	0.92	7.91	6.84	6.23	7.75
Chawmanu	TRDL13	0.82	1.16	0.63	1.04	1.28
Durga Chowmuhani	TRDL01	0.80	4.40	0.36	0.78	1.40
Kali Kumar Para	TRDL10	0.78	3.12	2.74	2.82	2.85
Kamalpur	78P4D1	0.66	1.83	1.43	1.59	1.41
Lalchari	TRDL03	0.92	7.77	5.78	4.64	5.68
Manu N	TRDL05	0.95	5.92	1.70	4.41	4.95
Nuna Cherra	TRDL11	0.83	1.67	3.51	2.63	3.26
Sindhu Kumar	TRDL07	0.90	3.90	1.10	2.58	2.50
Gomti						
Bampur	TRST 06	0.96	4.04	2.98	3.39	3.98
Dewanbari	TRGM04	0.78	3.90	1.76	3.26	3.62
Dhawajnagar Udaipur	79M2B8	1.36	4.14	3.94	3.49	4.44
Garjee Bazar	79M3B4	0.80	2.75	0.95	2.94	2.50
Jatanbari	TRGM01	0.77	6.00	4.00	4.33	5.66
Joingkami	TRGM03	0.96	1.04	2.24	0.92	1.24
Kankraban	TRST12	0.87	10.30	3.81	9.48	10.23
Naobari-2	TRGM02	1.00	1.70	1.84	1.66	1.80
Ompi Colony	TRGM07	1.00	7.38		7.12	7.34
Twidu	TRGM06	0.90	4.77			
Khowai						
45miles	TRKH01	0.70	2.93	0.13	2.69	2.80
Chakmaghat Ew	TRWT02	0.75	3.37	2.90	2.97	3.15
Chakmaghat Ow	TRWT03	0.75		3.05	3.15	3.38
Kalyanpur	79M1C2	0.920000017	4.56	3.68	6.81	4.18
Kathalbari	TRKH05	0.94	7.46	4.46	5.36	6.34
Khowai	78P4C5	0.72	2.03	1.41	1.98	2.08
Paschim Howaibari	TRWT34	0.70	3.60	1.65	2.09	2.60

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Totabari EW	TRKH02	0.78	15.42	14.23	14.36	
Tuimadhu	TRWT37	0.96	3.67	5.74	7.38	5.26
North Tripura						
Ananda Bazar	TRNT29	0.75	5.01	1.00	1.87	1.30
Bagbasa N	TRNT10	0.95	1.85	0.08	1.05	1.36
Churaibari	TRNT23	0.96	3.34	2.44	2.54	3.04
Dataram	TRNT30	0.78	3.22		2.46	3.25
Deocherra	TRNT25	0.88	5.49	4.89	4.48	5.72
Dharmanagar	83D3B2	1.47	4.46	4.08	4.29	4.46
Kanchanpur	84A1A1	0.50	1.80	2.08	1.33	1.92
Kanchanpur Court Ow	TRNT01	0.84		4.61	4.88	5.31
Khedacherra	TRNT28	0.79	1.61		1.75	2.72
Krishnapur	TRNT19	1.35	6.55	1.24	2.31	2.54
Kunjanagar	TRNT21	1.07	3.79	2.21	2.46	2.85
Lalchhara	TRNT22	0.90	2.05	1.23	0.68	2.83
Laljuri	TRNT15	0.87	6.93	5.83	6.51	6.39
Naba Joypara (natun Basti	TRNT20	0.78	4.42	4.52	2.58	3.22
Narendra Nagar	TRNT26	0.86	3.46	2.62	3.24	2.76
Panisagar	83D4A1	0.78	4.45	1.97	2.34	2.95
Rajnagar New	TRNT32	0.90	5.12	2.20	3.66	2.68
Sabual	TRNT31	0.86	3.34		1.74	5.02
Sanicherra	TRNT24	0.92	1.45	2.08	0.74	1.38
Satnala	TRNT16	1.05	1.05	0.19	0.68	0.89
Sipahi-Jala						
Gongrai	TRWT36	0.55	3.60	2.85	2.83	3.95
Kathalia bazar	79M3B5	0.75	3.10	2.05	2.55	3.01
Konaban (replaced Kenania)	TRSJ05	0.46	3.24		0.54	1.27
Lalmaibari	TRSJ03	1.12	2.45		3.31	5.02
Rajib Nagar	TRSJ06	0.88				0.92
Shivnagar	TRSJ02	1.13	4.77		2.18	2.27
Tufaniamura	TRWT35	0.72	4.67	5.56	3.63	4.63
South Tripura						
Ananda Bandhu Para	TRST 42	0.87	5.58	3.56	4.22	4.49
Baishnabpur	TRST 30	0.7	8	3.35	3.81	4.15
Barkashari	TRST44	0.85	8.59	6.3	6.89	8.57
Bijaynagar	TRST 32	0.72	3.28	1.16	1.84	3.34
Chatakchari	TRST 40	0.8	dry	2.9	3.32	4.35
Gaurnagar Bazar	TRST 44	0.9	3.63		2.84	3.59

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Ghorakhappa	TRST 41	0.95	4.65	2.8	3.15	2.25
Kalirbazar	TRST 29	0.9	2.02	1.47	2.1	2.81
Magroom	TRST 31	0.95	4.2	1.3	3.62	3.6
Manu Bazar	TRST 9	0.66	dry	2.92	3.63	3.80
Manurmukh	TRST03A	1.00	0.75	0.80	0.98	1.46
Michara	TRST43	0.84	2.5	1.01	1.75	4.82
Motu Mogpara	TRST 33	0.9	3.27	3.2	3.28	3.31
PaschimJalefa EW	TRST45	0.83	autoflow		blocked	blocked
PaschimJalefa OW	TRST46	0.83	autoflow		autoflow	autoflow
Poangbari	TRST 37	0.92	5.84	3.52	1.33	1.94
Purba Takka	TRST 38	0.67		3.41	4.08	4.83
Radhanagar	TRST15	0.88	3.32		2.70	
Rajib Nagar Ew	TRST28	0.80	8.17	7.86	7.74	8.00
Rajnagar	TRST14	1.35	4.19	2.60	3.19	4.41
Rangamura	TRST25	0.90	3.70	2.60	1.94	
Sabroom	79M4C1	0.83	5.99	4.75	2.46	2.67
Shashi-Chandrapur	TRST 34	0.87	2.69		3.97	4.68
Srinagar	TRST 36	1.05	2.62	0.93	1.49	1.8
Tuichama Ew	TRST26	0.68	15.22	11.94	12.27	15.12
Tuichama OW	TRST27	0.77		12.01	14.84	12.72
Unakoti						
Chandramanikami	TRNT18	0.89	4.4	5	3.36	3.91
Demdum	TRUK02	0.82	4.10	3.03	2.48	3.97
Gauranagar N	TRNT11	0.79	5.56	1.31	3.21	3.05
Jarutali	TRNT27	0.75	2.43	2.43	1.35	2.45
Kanchanbari	TRUK01	0.83	2.51	1.27	2.17	2.95
Kanchanchhera	TRNT12	0.74	6.30	3.15	3.84	4.46
Karaicherra	TRNT14	0.75	4.85	5.45	4.49	2.85
Kumarghat	83D4A6	0.32	7.12	4.80	6.71	7.92
Panchamnagar	TRNT17	0.85	6.95	3.83	4.25	1.75
Pecharthal	83D4A7	0.68	7.55	2.42	4.42	7.02
West Tripura						
A D Nagar	TRWT 43	0.66		4.90	3.99	4.44
Badharghat DTW	TRWT25	0.63	4.54	4.30	3.37	3.69
Bodhjanagar Dtw	TRWT19	0.75	21.30	21.50	19.25	19.70
Bodhjanagar Stw	TRWT20	0.95		17.57	13.35	16.45
Chandmari	TRWT47	0.76		4.90	3.39	4.51
Gamcha kobra Market	TRWT44	0.58	3.52	2.95	2.77	3.04
Ishanpur	TRWT31	0.80	3.02	1.20	1.30	2.55
Khumulwng	TRWT42	0.79	6.98	6.26	5.39	6.88

State/District/Location	Well No	MP (magl)	Mar-22	Aug-22	22-Nov	Jan-23
Madhuban	TRWT43	0.68	3.40	4.03	2.62	2.87
Nagicherra1	TRWT29	0.55	28.35	27.77	26.38	26.70
Nagicherra2	TRWT30	0.63				
Narsinghgarh DTW	TRWT28	0.70	10.60	9.20	8.20	8.69
Pukua bari	TRWT45	0.62	dry		1.97	2.72
R.K Nagar	TRWT46	0.30	2.79	2.52	1.87	1.75
Sadhupara	TRWT48	0.80	1.93	1.15	0.55	1.73
Simna	78P4B1	0.79	5.81	3.81	4.70	5.20
Tarapur	TRWT41	0.88	2.64	0.63	1.99	1.39

Annexure – IIA

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

State/District/Location	Well Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
ASSAM													
Kamrup Metro													
AAU, Kahikuchi	DW	5.49		5.83	5.7	1.11	2.84	1.46		1.2		1.23	1.55
AAU, Khanapara	DW	2.52	2.54	1.38	1.21	0.41	1.3	0.28	3.18	2.07	1.98	2.57	3.19
Amingaon	DW	3.45	3.95	4.09	3.86	2.98	2.6	2.78	3.6	2.65	2.47	2.38	2.66
Ashwaklanta Temple	DW	4.98	2.7	3.78	3.33	2.91	1.4	1.33	3.33	2.21	1.08	3.21	3.17
Assam Poultry Farm	DW		5.31			4.53	4.77	5.16	7.9	6.72	6.09	7.01	7.31
Avayapuri	DW	1.88	0.5	1.46	1.17	0.35	0.85	1.14	2.37	2.55	0.85	2.11	2.45
Azara PHC	DW	4.7	5.25	5.64	5.47	3.43	2.34	0.96	2.06	1.3	0.87	3.36	4.59
Bakarapara	DW	4.89	4.2	6.16	4.19	2.96	1.61	2.15	3.12	2.44	2.13	4.3	4.52
Basitha FG	DW	12.59	12.5	13.08	12.95	11.23	7.17	11.93	11.23	12.31	9.5	12.39	12.21
Boragaon	DW	1.82	4.8	8.66	4.28	3.5	0.67	0.97	1.85	0.86	0.54	1.4	2.18
Chandrapur	DW	3.01	2.65	3.04	2.07	1.47	1.16	1.49	2.15	2.13	0.83	2.08	2.71
Choonsali, Madhabpur	DW	4.44	4.68	4.86	4.86	2.05	2.81	3.04	3.95	3.45	3.36	3.62	4.42
Dirgheshwari	DW	4.38	3.62	3.47	2.84	2.21	1.48	2.05	2.42	1.75	1.82	1.74	3.01
Fatasil-Ambari	DW	4.21	5.42	6.48	5.01	4.1	3.91		4.5	3.81	3.9	3.83	3.96
Ganesh Mandir, Narengi	DW	4.08	6.15	6.47	4.09	6.38	5.59	5.42	5.85	4.84	4.38	4.81	4.98
Garigaon	DW	1.49	0.83	1.2	4.75	2.44	0.17	0.52	1.16	0.43	0.1	0.51	0.97
GMC	DW		1.6	1.22	1.01	0.51	0.98	1	2.14	1	0.75	1.15	1.26

State/District/Location	Well Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Hengrabari FG	DW	7.52	6.05	6.61	4.43	3.96	2.18	2.68	4.3	2.96	2.55	3.14	4.75
Kacharibasti Christian Basti	DW	11.54	11.18	10.88	11.19	10.54	4.75	6.59	7.5	6.83	5.16	7.16	8.78
Kahilipara Colony Bazar	DW		2.3	4.6	1.87	1.31		2.15	2.44	1.51	0.93	1.55	
Kahilipara L.P. School	DW	1.43	2.54	3.6	2.36	2.24	0.84	1.27	2.1	1.33	1.17	1.73	1.88
Khanapara PP New	DW	2.78	5.34	6.76	3.85	3.15	1.44	1.46	2.52	2.38	0.9	2.44	2.51
Khanapara Sc. Museum	DW	dry	dry	dry	dry	dry	1.58	1.25	2.16	1.13	1.67	2.9	4.32
Lakhra Chariali	DW	4.99	3.76	4.01	3.14	2.97	2.77	3.6	3.37	3.62	2.15	3.72	3.53
Lakshmi Mandir	DW	9.06	9.55	11.3	9.32	7.78	2.92	10.52	10.54	9.21	7.7	9.87	9.81
Lalganesh Chariali	DW	2.47		2.96	2.91	2.81	1.47						
Lalmati New	DW	6.59	6.55	6.77	6.58	2.22	2.99	3.76	7.56	6.41	4.43	5.14	6.2
Mairapatti	DW	0.64	0.9	0.81	0.64	0.39	0.42	0.58	1.41	0.6	0.55	0.71	0.66
Maligaon	DW		dry	7.78	7.23	7.6	6.73	8.06	9.06	8.09	dry	8.03	dry
Narangi Forest Gate	DW	2.27	2.4	2.12	1.48	0.79	0.7	1.01	1.51	0.95	0.73	1.6	1.93
Odalbakra, Pahartoli	DW	0.96	0.26	0.33	0.17	0.15	0.51	0.29	0.97	0.36	0.06	0.47	0.38
Paltan bazar	DW	5.65	5.54	5.99	5.37	5.02	3.64	4.26	5.57	4.55	4.28	5.84	6.01
Panikhaiti	DW	5.28	5.79	6.21	6.13	5.3	3.07	4.11	7.48	6.47	2.55	6.56	6.5
Panjabari	DW	1.41	1.45	1.57	1.47	0.85	0.98	1.02	1.78	1.19	0.8	1.22	1.35
Patgaon	DW	1.93	1.94	1.89	1.65	1.12	1.25	1.48	2.26	1.91	1.36	1.78	1.87
Patharquery	DW		5.45	dry	5.43	5	4.31	4.62	6.83	5.97	4.59	6.07	dry
Sijubari	DW										3.32	2.84	3.93

State/District/Location	Well Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Survey Odalbakra	DW	6.67	5.4	6.88	6.75	6.31	3.6	5.96					
Survey New	DW	9.4	9.12	10.2	9.96	9.37	8.94	6.14	10.3	10.01	8.3	10.05	10.28
Udaipur	DW	1.71	1.5	1.57	1.56	1.13	1.99	1.43	2.19	1.42	1.47	1.32	1.48
Vishwakarma Temple	DW	4.73	4.75	5.18	4.68	4.14	3.03	3.39	4.37	3.5	3.52	3.68	3.8
West Krishna Nagar	DW	0.64	0.52	0.68	0.22	0.13	0.17	0.31	0	0.5	0.02	0.47	0.5
Wireless	DW	6.14		6.14	4.32	3.78	3.16	3.65	4.44	3.55			
Zoo Narengi Road HS	DW	5.42	5.78	6.33	5.99	2.97	4.29	1.95	10.3	2.28	2.06	2.34	3.05
AAU, Kahikutchi	TW						11.97	19.17	20.84	23.19	19.77		
AAU, Khanapara	TW	15.12		20.3	21.74	16.52	18.24	17.88	20.78	20.53		20.56	20.61
Betkuchi	TW	8.86	9.23	8.83	8.53	4.01	3.07	5.23	4.86	4.31	5.28	4.37	4.36
Champavati	TW						>50	>66.22	>66		62.92		
Chandmari	TW	4.02	4.43	5.25	4.26	2.4	2.06	2.44	3.66	2.96	2.53	3.37	3.46
DGM Dakhingaon	TW			38.36	34.99	18.7	31.4	29.64	27.19	27.72	24.15	29.66	>30
EPFO, Bhangagarh	TW			30.82	28.73	28.37	31.87	32.38	33.02	32.28	32.55	>30	>30
Garigaon	TW						21.24	21.22	21.38	22.5	0	27.53	26.67
Gurdwara, Beltola	TW						23.4	79.2	81.52	>80	80.5	>30	>30
IIT, North Guwahati	TW							64.23	64.17	64.42	63.1	>30	>30
PWSS Sawkuchi	TW						36.3	67.7					
Udaipur	TW						29.25		>84	>80		>30	>30
West Krishna Nagar	TW												

State/District/Location	Well Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
ARUNACHAL PRADESH													
Papumpare													
Banderdewa-I	DW	11.6	11.68	12.19	11.3	10.93	10.41	11.64	13.01		10.51	10.93	10.98
Chimpu	DW	3.72	3.57	3.67	1.49	1.5	1.19	1.92			1.91	3.04	3.28
Doimukh	DW	0.78	0.94	0.82	0.44	0.65	0.52	0.35	0.51		0.43	0.66	0.66
Naharlagun-I	DW	6.45	6.59	6.63	5.86	5.47	4.91	5.16	5.45	Not	5.36	5.73	6.12
Nirjuli Vill-I	DW	0.63	0.6	0.15	0.24	0.33	0.12	0.12	0.15	monitore	0.18	0.63	0.7
Nirjuli Vill-II	DW	-0.16	-0.26	-0.51	-0.58	-0.5	-0.62	-0.6	-0.35	d	-0.62	-0.36	-0.27
Holongi new	DW	3.66		4.19	3.01				0.47				
Papu Nallah	DW	5.64			4.16		2.3		4.8		3.62	3.78	5.38
Julli basti	DW	1.22	2.25		1.15								
MEGHALAYA													
East Khasi Hills													
Golf Links	DW	6.15	8.4	9.37	9.25	1.75	2.05	1.75	2.05	1.95	1.85	2.835	3.25
Lr. Lachaumiere	DW	1	1	0.90	0.95	0.52	0.5	0.4	0.35	0.5	0.5	0.502	0.7
Nongmynsong	DW	2.28	2.82	2.84	3.08	1.95	1.98	2.08	1.98	1.88	1.78	2.54	2.88
West Khasi Hills													
Mairang	DW	1.1	0.42	0.90	0.89	0.42	0.43	0.4	0.5	0.41	0.4	0.52	0.9
Ri-Bhoi													
Byrnihat	DW	2.37	2.62	2.87	3.05	2.5	1.32	1.22	1.52	1.37	1.2	1.98	2.17
Nongpoh	DW	3.45		3.01			3	2.8	2.65	2.65	2.8	2.85	3.1

State/District/Location	Well Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
TRIPURA													
Gomati													
Dewan Bari, Killa	DW	3.17		3.9	3.62		1.54	3.73	4.92	2.49	2.07	3.47	3.3
Khowai													
Kalyanpur	DW	4.45	4.39	4.56	4.51		3.18	2.94	2.32	2.15	2.25	2.95	3.1
Khowai	DW	1.97	2.01	1.31	2.12		1.21	1	1.4	1.17	1.2	1.89	1.99
North Tripura													
Panisagar	DW	5.84	4.14	4.45			3.11		3.15				
Pecharthal	DW	7.39	7.58	7.55			5.85		5.74				
Unakoti													
Kanchancherra	DW	5.77	6.91	6.3			6.17		6.18				
Kumarghat	DW	7.27	6.91	7.12			6.65		6.66				
West Tripura													
AD Nagar	DW	4.84	5.54	6.04	5.8				4.9	3.97	3.99	4.42	5.04
Bhadarghat EW	PZ	2.67	4.04	4.54	5.09				4.3	3.56	3.37	3.71	4.27
Bodhjung Nagar DTW	PZ	21.2	20.8	21.3	21.78				21.5	19.48	19.25	19.6	19.79
Bodhjung Nagar STW	PZ								17.57	15.32	16.35	16.61	16.95
Ishanpur	DW	2.82	3.17	3.02	3.14		1.89	1.89	1.82	1.62	1.73	2.32	2.35
Nagicherra EW-I	PZ	18.7	27.85	28.35	28.68				27.77	26.75	26.38	26.65	26.75
Narsingarh DTW	DW	9.11	10.1	10.6	9.11				9.2	7.16	8.2	9.1	9.36
Radhakishore nagar	DW	2	2.29	2.79	3.22				2.52	1.89	1.87	0.38	2.1

State/District/Location	Well Type	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
Simna	DW	4.92	5.16	5.81	5.39		4.39	4.24	4.64	4.5	4.45	4.99	5.14
Tarapur	DW	2.55	2.8	2.64	2.8		1.5	1.53	1.49	1.33	0.64	0.81	0.83
Madhuban	DW	3.17	2.9	3.4	3.92				4.03	2.5	2.62	3.14	3.44
Chandmari	DW	6.49	6.93	7.43	7.59				4.9	3.96	3.39	4.29	5.19

Annexure III

Districtwise Well Frequency For Different Ranges of Depth to Water Level
Month / Year :March- 2022

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													
East Siang	5	2.63	11.16	0	0	3	60	1	20	1	20	0	0
Changlang	4	4.35	5.24	0	0	2	50	2	50	0	0	0	0
Tirap	3	5.53	5.87	0	0	0	0	3	100	0	0	0	0
Papumpare	9	0.15	12.19	4	44.4	3	33.3	1	11.1	1	11.1	0	0
Lower Subansiri	2	1.53	7.92	1	50	0	0	1	50	0	0	0	0
Lohit	5	4.76	6.2	0	0	1	20	4	80	0	0	0	0
TOTAL	**28**	**0.15**	**12.19**	**5**	**17.86**	**9**	**32.14**	**12**	**42.86**	**2**	**7.14**	**0**	**0**
Assam													
Kamrup Metro	6	1.39	4.08	3	50	3	50	0	0	0	0	0	0
Kamrup	17	0.57	8.97	4	23.5	9	52.9	4	23.5	0	0	0	0
Jorhat	11	0.67	5.42	6	54.5	4	36.4	1	9.1	0	0	0	0
Hojai	4	3.16	6.7	0	0	2	50	2	50	0	0	0	0
Hailakandi	9	0.82	8.5	2	22.2	5	55.6	2	22.2	0	0	0	0
Golaghat	6	3.7	9.57	0	0	2	33.3	4	66.7	0	0	0	0
Goalpara	13	1.52	7.11	2	15.4	9	69.2	2	15.4	0	0	0	0
Baksa	7	2.48	19.1	0	0	3	42.9	2	28.6	2	28.6	0	0
Kokrajhar	8	2.45	6.08	0	0	7	87.5	1	12.5	0	0	0	0
Dibrugarh	7	2.85	5.22	0	0	6	85.7	1	14.3	0	0	0	0
Dhubri	10	1.16	17.59	1	10	3	30	2	20	4	40	0	0
Dhemaji	13	0.61	10.02	3	23.1	9	69.2	0	0	1	7.7	0	0
Darrang	10	3.22	10.15	0	0	5	50	4	40	1	10	0	0
Chirang	3	0.17	3.82	1	33.3	2	66.7	0	0	0	0	0	0
Cachar	15	0.28	8.14	4	26.7	8	53.3	3	20	0	0	0	0
Bongaigaon	9	2.48	8.94	0	0	8	88.9	1	11.1	0	0	0	0
Biswanath	13	1.09	9.3	3	23.1	7	53.8	3	23.1	0	0	0	0
Barpeta	6	1.51	4.28	1	16.7	5	83.3	0	0	0	0	0	0
East Karbi Anglong	31	1.14	22.98	4	12.9	16	51.6	7	22.6	2	6.5	2	6.5
Sibsagar	5	1	12.5	2	40	0	0	2	40	1	20	0	0
West Karbi Anglong	4	0.21	9.14	1	25	1	25	2	50	0	0	0	0
Udalguri	8	1.7	4.6	1	12.5	7	87.5	0	0	0	0	0	0
Tinsukia	9	2.34	5.71	0	0	6	66.7	3	33.3	0	0	0	0
Karimganj	9	0.31	4.04	7	77.8	2	22.2	0	0	0	0	0	0
Nalbari	2	2.71	2.98	0	0	2	100	0	0	0	0	0	0
Nagaon	21	1.06	7.55	7	33.3	11	52.4	3	14.3	0	0	0	0
Morigaon	11	0.94	13.44	2	18.2	7	63.6	1	9.1	1	9.1	0	0
Lakhimpur	17	1.22	5.76	6	35.3	10	58.8	1	5.9	0	0	0	0
Sonitpur	12	2.12	7.22	0	0	11	91.7	1	8.3	0	0	0	0
TOTAL	**296**	**0.17**	**22.98**	**60**	**20.27**	**170**	**57.43**	**52**	**17.57**	**12**	**4.05**	**2**	**0.68**
Meghalaya													
East Khasi Hills	7	0.9	9.37	3	42.9	3	42.9	1	14.3	0	0	0	0
East Garo Hills	10	1.7	5.7	2	20	7	70	1	10	0	0	0	0
West Khasi Hills	2	0.9	3.62	1	50	1	50	0	0	0	0	0	0
West Jaintia Hills	2	0.3	1.1	2	100	0	0	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	%
West Garo Hills	14	2.8	8.65	0	0	9	64.3	5	35.7	0	0	0	0
South West Garo Hills	5	3.1	5.94	0	0	4	80	1	20	0	0	0	0
South Garo Hills	8	1.9	5.1	1	12.5	6	75	1	12.5	0	0	0	0
Ri-Bhoi	9	2.2	32.8	0	0	6	66.7	1	11.1	0	0	2	22
North Garo Hills	9	2.7	12.4	0	0	5	55.6	2	22.2	2	22.2	0	0
TOTAL	**66**	**0.3**	**32.8**	**9**	**13.64**	**41**	**62.12**	**12**	**18.18**	**2**	**3.03**	**2**	**3.03**
Nagaland													
Dimapur	11	1.5	18	1	9.1	1	9.1	7	63.6	2	18.2	0	0
TOTAL	**11**	**1.5**	**18**	**1**	**9.09**	**1**	**9.09**	**7**	**63.64**	**2**	**18.18**	**0**	**0**
Tripura													
Gomati	10	1	10.3	2	20	5	50	2	20	1	10	0	0
Dhalai	11	1.2	7.91	4	36.4	4	36.4	3	27.3	0	0	0	0
Unakoti	10	2.4	7.55	0	0	5	50	5	50	0	0	0	0
South Tripura	20	0.8	15.2	1	5	12	60	6	30	1	5	0	0
Sipahijala	8	1.7	4.77	1	12.5	7	87.5	0	0	0	0	0	0
Khowai	8	2	15.4	0	0	6	75	1	12.5	1	12.5	0	0
North Tripura	19	1.1	6.93	5	26.3	9	47.4	5	26.3	0	0	0	0
West Tripura	12	1.9	28.4	1	8.3	6	50	2	16.7	1	8.3	2	17
TOTAL	**98**	**0.75**	**28.35**	**14**	**14.29**	**54**	**55.10**	**24**	**24.49**	**4**	**4.08**	**2**	**2.04**
TOTAL	**499**			**89**	**17.84**	**275**	**55.11**	**107**	**21.44**	**22**	**4.41**	**6**	**1.20**

Annexure IV

Districtwise Well Frequency for Different Ranges of Depth to Water Level

Month / Year: August- 2022

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													
East Siang	5	0.81	5.44	2	40	2	40	1	20	0	0	0	0
Changlang	3	1.9	2.6	1	33.3	2	66.7	0	0	0	0	0	0
Tirap	3	2.52	3.15	0	0	3	100	0	0	0	0	0	0
Papumpare	9	-0.35	13.04	6	66.7	1	11.1	1	11.1	1	11	0	0
Lower Subansiri	3	0	2.57	2	66.7	1	33.3	0	0	0	0	0	0
Lower Dibang Valley	1	8.5	8.5	0	0	0	0	1	100	0	0	0	0
Lohit	5	2.1	3.85	0	0	5	100	0	0	0	0	0	0
TOTAL	**29**	**-0.35**	**13.04**	**11**	**37.93**	**14**	**48.28**	**3**	**10.34**	**1**	**3.45**	**0**	**0**
Assam													
Kamrup Metro	7	0.2	2.76	5	71.4	2	28.6	0	0	0	0	0	0
Kamrup	18	0.13	5.33	10	55.6	7	38.9	1	5.6	0	0	0	0
Jorhat	11	0.43	2.16	9	81.8	2	18.2	0	0	0	0	0	0
Hojai	3	0.97	5.18	2	66.7	0	0	1	33.3	0	0	0	0
Hailakandi	10	-0.14	8.4	6	60	2	20	2	20	0	0	0	0
Golaghat	9	1.15	7.17	1	11.1	6	66.7	2	22.2	0	0	0	0
Goalpara	12	1.14	4	7	58.3	5	41.7	0	0	0	0	0	0
East Karbi Anglong	29	0.73	22.66	8	27.6	15	51.7	4	13.8	1	3.4	1	3.4
Baksa	14	1.43	6.02	5	35.7	7	50	2	14.3	0	0	0	0
Kokrajhar	8	1.93	5.58	1	12.5	6	75	1	12.5	0	0	0	0
Dibrugarh	6	1.12	3.59	2	33.3	4	66.7	0	0	0	0	0	0
Dhubri	11	0.62	15.66	4	36.4	4	36.4	0	0	3	27	0	0
Dhemaji	12	0.28	6.75	10	83.3	1	8.3	1	8.3	0	0	0	0
Darrang	7	2.55	9.15	0	0	5	71.4	2	28.6	0	0	0	0
Chirang	5	1.21	6.37	3	60	1	20	1	20	0	0	0	0
Cachar	17	0.04	3.92	14	82.4	3	17.6	0	0	0	0	0	0
Bongaigaon	9	1.3	3.2	7	77.8	2	22.2	0	0	0	0	0	0
Biswanath	11	0.42	6.5	6	54.5	2	18.2	3	27.3	0	0	0	0
Barpeta	6	0.88	2.57	4	66.7	2	33.3	0	0	0	0	0	0
Sibsagar	6	1.36	6.06	2	33.3	3	50	1	16.7	0	0	0	0
West Karbi Anglong	3	0.21	8.45	1	33.3	1	33.3	1	33.3	0	0	0	0
Udalguri	9	0.91	3.65	6	66.7	3	33.3	0	0	0	0	0	0
Tinsukia	11	1.29	2.9	8	72.7	3	27.3	0	0	0	0	0	0
Karimganj	8	-0.13	1.49	8	100	0	0	0	0	0	0	0	0
Nalbari	7	1.11	2.6	4	57.1	3	42.9	0	0	0	0	0	0
Nagaon	24	0.28	8.81	12	50	10	41.7	2	8.3	0	0	0	0
Morigaon	12	0.41	6.8	4	33.3	7	58.3	1	8.3	0	0	0	0
Lakhimpur	17	0.27	3.18	14	82.4	3	17.6	0	0	0	0	0	0
Sonitpur	11	0.47	4.54	6	54.5	5	45.5	0	0	0	0	0	0
TOTAL	**313**	**-0.14**	**22.66**	**169**	**53.99**	**114**	**36.42**	**25**	**7.99**	**4**	**1.28**	**1**	**0.32**
Meghalaya													
East Khasi Hills	8	0.1	4.89	5	62.5	3	37.5	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	%
East Garo Hills	10	0.92	3.89	5	50	5	50	0	0	0	0	0	0
East Jaintia Hills	1	41.4	41.4	0	0	0	0	0	0	0	0	1	100
West Khasi Hills	2	0.5	1.93	2	100	0	0	0	0	0	0	0	0
West Jaintia Hills	1	0.7	0.7	1	100	0	0	0	0	0	0	0	0
West Garo Hills	16	0.88	6.64	6	37.5	7	43.8	3	18.8	0	0	0	0
South West Garo Hills	5	0.12	3.46	3	60	2	40	0	0	0	0	0	0
South Garo Hills	9	0.52	3.07	7	77.8	2	22.2	0	0	0	0	0	0
Ri-Bhoi	10	0.05	28.35	3	30	5	50	0	0	0	0	2	20
North Garo Hills	9	0.97	9.8	2	22.2	4	44.4	3	33.3	0	0	0	0
TOTAL	**71**	**0.1**	**41.4**	**34**	**47.89**	**28**	**39.44**	**6**	**8.45**	**0**	**0**	**3**	**4.23**
Nagaland													
Dimapur	11	0.41	9.95	3	27.3	4	36.4	4	36.4	0	0	0	0
TOTAL	**11**	**0.41**	**9.95**	**3**	**27.27**	**4**	**36.36**	**4**	**36.36**	**0**	**0**	**0**	**0**
Tripura													
Gomati	8	0.95	4	3	37.5	5	62.5	0	0	0	0	0	0
Dhalai	11	0.36	6.84	6	54.5	3	27.3	2	18.2	0	0	0	0
Unakoti	10	1.27	5.45	2	20	7	70	1	10	0	0	0	0
South Tripura	21	0.8	12.01	6	28.6	11	52.4	2	9.5	2	9.5	0	0
Sipahijala	4	1.67	5.56	1	25	2	50	1	25	0	0	0	0
Khowai	9	0.13	14.23	3	33.3	4	44.4	1	11.1	1	11	0	0
North Tripura	17	0.08	5.83	6	35.3	10	58.8	1	5.9	0	0	0	0
West Tripura	15	0.63	27.77	3	20	7	46.7	2	13.3	1	6.7	2	13
TOTAL	**95**	**0.13**	**27.77**	**30**	**31.58**	**49**	**51.58**	**10**	**10.53**	**4**	**4.21**	**2**	**2.11**
TOTAL	**519**			**247**	**47.59**	**209**	**40.27**	**48**	**9.25**	**9**	**1.73**	**6**	**1.16**

Annexure V

Districtwise Well Frequency for Different Ranges of Depth to Water Level

Month / Year:November- 2022

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													
East Siang	4	1.4	6.98	2	50	1	25	1	25	0	0	0	0
Changlang	4	2.67	6.02	0	0	2	50	2	50	0	0	0	0
Tirap	3	4.33	7.3	0	0	1	33.3	2	66.7	0	0	0	0
Papumpare	10	-0.36	10.93	6	60	2	20	1	10	1	10	0	0
Lower Subansiri	1	2.12	2.12	0	0	1	100	0	0	0	0	0	0
Lower Dibang Valley	1	9.91	9.91	0	0	0	0	1	100	0	0	0	0
Lohit	6	1.52	4.4	2	33.3	4	66.7	0	0	0	0	0	0
TOTAL	**29**	**-0.36**	**10.93**	**10**	**34.48**	**11**	**37.93**	**7**	**24.14**	**1**	**3.45**	**0**	**0**
Assam													
Kamrup Metro	8	1.29	2.64	6	75	2	25	0	0	0	0	0	0
Kamrup	19	0.65	5.38	10	52.6	8	42.1	1	5.3	0	0	0	0
Jorhat	11	0.18	2.36	10	90.9	1	9.1	0	0	0	0	0	0
Hojai	4	2.38	6.25	0	0	3	75	1	25	0	0	0	0
Hailakandi	10	0.12	8.56	6	60	2	20	2	20	0	0	0	0
Golaghat	7	1.1	4.68	2	28.6	5	71.4	0	0	0	0	0	0
Goalpara	13	1.25	4.16	7	53.8	6	46.2	0	0	0	0	0	0
East Karbi Anglong	29	0.42	23.3	11	37.9	11	37.9	4	13.8	3	10	0	0
Baksa	13	1.27	7.37	3	23.1	8	61.5	2	15.4	0	0	0	0
Kokrajhar	11	2.27	5.25	0	0	10	90.9	1	9.1	0	0	0	0
Dibrugarh	7	1.55	4.76	1	14.3	6	85.7	0	0	0	0	0	0
Dhubri	11	1.1	15.7	2	18.2	5	45.5	0	0	4	36	0	0
Dhemaji	14	0.1	7.9	10	71.4	3	21.4	1	7.1	0	0	0	0
Darrang	7	2.03	9.65	0	0	5	71.4	2	28.6	0	0	0	0
Chirang	5	2.68	6.96	0	0	4	80	1	20	0	0	0	0
Cachar	17	0.01	3.51	14	82.4	3	17.6	0	0	0	0	0	0
Bongaigaon	7	1.55	7	5	71.4	1	14.3	1	14.3	0	0	0	0
Biswanath	12	0.64	7.6	4	33.3	6	50	2	16.7	0	0	0	0
Barpeta	7	1.11	2.76	4	57.1	3	42.9	0	0	0	0	0	0
Sibsagar	7	0.46	9.86	3	42.9	2	28.6	2	28.6	0	0	0	0
West Karbi Anglong	4	3.45	12.32	0	0	1	25	2	50	1	25	0	0
Udalguri	9	1.33	3.93	4	44.4	5	55.6	0	0	0	0	0	0
Tinsukia	11	1.56	6.4	2	18.2	7	63.6	2	18.2	0	0	0	0
Karimganj	6	0.58	1.95	6	100	0	0	0	0	0	0	0	0
Nalbari	5	1.35	3.34	2	40	3	60	0	0	0	0	0	0
Nagaon	23	0.49	7.94	10	43.5	11	47.8	2	8.7	0	0	0	0
Morigaon	16	0.83	4.94	6	37.5	10	62.5	0	0	0	0	0	0
Lakhimpur	17	0.74	3.64	13	76.5	4	23.5	0	0	0	0	0	0
Sonitpur	12	1.24	6.19	7	58.3	4	33.3	1	8.3	0	0	0	0
TOTAL	**322**	**0.1**	**23.3**	**148**	**45.96**	**139**	**43.17**	**27**	**8.39**	**8**	**2.48**	**0**	**0**
Meghalaya													
East Khasi Hills	7	0.15	4.93	4	57.1	3	42.9	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	%
East Garo Hills	10	1.16	4.93	5	50	5	50	0	0	0	0	0	0
East Jaintia Hills	1	41.8	41.75	0	0	0	0	0	0	0	0	1	100
West Khasi Hills	2	0.52	1.96	2	100	0	0	0	0	0	0	0	0
West Jaintia Hills	2	0.29	0.79	2	100	0	0	0	0	0	0	0	0
West Garo Hills	17	1.25	6.73	7	41.2	6	35.3	4	23.5	0	0	0	0
South West Garo Hills	5	1.26	3.34	3	60	2	40	0	0	0	0	0	0
South Garo Hills	9	0.45	3.04	5	55.6	4	44.4	0	0	0	0	0	0
Ri-Bhoi	10	0.07	28.47	3	30	5	50	0	0	0	0	2	20
North Garo Hills	9	1.53	10.83	1	11.1	5	55.6	1	11.1	2	22	0	0
TOTAL	**72**	**0.07**	**41.75**	**32**	**44.44**	**30**	**41.67**	**5**	**6.94**	**2**	**2.78**	**3**	**4.17**
Nagaland													
Dimapur	13	0.45	10.04	3	30.80	4	30.80	5	38.50	1	7.70	0	0.00
TOTAL	**13**	**0.45**	**10.04**	**3**	**23.08**	**4**	**30.77**	**5**	**38.46**	**1**	**7.69**	**0**	**0.00**
Tripura													
Gomati	9	0.92	9.48	2	22.2	5	55.6	2	22.2	0	0	0	0
Dhalai	10	0.78	6.23	3	30	6	60	1	10	0	0	0	0
Unakoti	10	1.35	6.71	1	10	8	80	1	10	0	0	0	0
South Tripura	24	0.98	14.84	6	25	14	58.3	2	8.3	2	8.3	0	0
Sipahijala	6	0.54	3.63	1	16.7	5	83.3	0	0	0	0	0	0
Khowai	9	1.98	14.36	1	11.1	4	44.4	3	33.3	1	11	0	0
North Tripura	20	0.68	6.51	8	40	11	55	1	5	0	0	0	0
West Tripura	16	0.55	26.38	5	31.3	6	37.5	2	12.5	2	13	1	6.3
TOTAL	**104**	**0.54**	**26.38**	**27**	**25.96**	**59**	**56.73**	**12**	**11.54**	**5**	**4.81**	**1**	**0.96**
TOTAL	**527**			**217**	**41.18**	**239**	**45.35**	**51**	**9.68**	**16**	**3.04**	**4**	**0.76**

Annexure VI

Districtwise Well Frequency for Different Ranges of Depth to Water Level

Month / Year: January- 2023

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	4.3	6.01	0	0	2	50	2	50	0	0	0	0
East Siang	5	1.73	10.24	1	20	1	20	2	40	1	20	0	0
Lower Dibang Valley	1	11.02	11.02	0	0	0	0	0	0	1	100	0	0
Lower Subansiri	2	1.53	5.27	1	50	0	0	1	50	0	0	0	0
Papumpare	10	0.05	11.47	4	40	4	40	1	10	1	10	0	0
Tirap	3	4.35	7.67	0	0	1	33.3	2	66.7	0	0	0	0
Total	**25**			**6**	**24.00**	**8**	**32.00**	**8**	**32.00**	**3**	**12.00**	**0**	**0.00**
Assam													
Baksa	14	1.96	16.42	1	7.1	10	71.4	2	14.3	1	7.1	0	0
Barpeta	5	2.2	3.65	0	0	5	100	0	0	0	0	0	0
Biswanath	12	0.78	8.3	3	25	6	50	3	25	0	0	0	0
Bongaigaon	9	2.67	8.64	0	0	8	88.9	1	11.1	0	0	0	0
Cachar	18	0.15	5.93	7	38.9	8	44.4	3	16.7	0	0	0	0
Chirang	5	3.2	8.29	0	0	4	80	1	20	0	0	0	0
Darrang	13	0.65	10.02	2	15.4	7	53.8	3	23.1	1	7.7	0	0
Dhemaji	13	0.45	9.28	6	46.2	6	46.2	1	7.7	0	0	0	0
Dhubri	14	2.5	17.4	0	0	9	64.3	1	7.1	4	28.6	0	0
Dibrugarh	7	3.29	5.68	0	0	5	71.4	2	28.6	0	0	0	0
East Karbi Anglong	30	1.02	20.34	6	20	14	46.7	7	23.3	2	6.7	1	3.3
Goalpara	13	2.15	7.18	0	0	9	69.2	4	30.8	0	0	0	0
Golaghat	8	2.49	8.77	0	0	4	50	4	50	0	0	0	0
Hailakandi	9	0.36	8.15	3	33.3	3	33.3	3	33.3	0	0	0	0
Hojai	4	2.88	5.08	0	0	3	75	1	25	0	0	0	0
Jorhat	11	1.06	3.4	7	63.6	4	36.4	0	0	0	0	0	0
Kamrup	17	1.12	9.73	5	29.4	6	35.3	6	35.3	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	%
Kamrup Metro	7	1.62	3.39	2	28.6	5	71.4	0	0	0	0	0	0
Karimganj	9	0.22	2.76	8	88.9	1	11.1	0	0	0	0	0	0
Morigaon	12	0.9	6.69	3	25	8	66.7	1	8.3	0	0	0	0
Nagaon	24	1.16	8.64	7	29.2	13	54.2	4	16.7	0	0	0	0
Nalbari	7	1.96	11.49	2	28.6	4	57.1	0	0	1	14.3	0	0
Sibsagar	6	1.72	11.23	1	16.7	3	50	1	16.7	1	16.7	0	0
Sonitpur	12	1.64	6.74	3	25	8	66.7	1	8.3	0	0	0	0
Tinsukia	10	2.63	6.71	0	0	7	70	3	30	0	0	0	0
Udalguri	9	0.92	4.26	3	33.3	6	66.7	0	0	0	0	0	0
West Karbi Anglong	4	1.09	9.13	1	25	2	50	1	25	0	0	0	0
Total	**302**			**70**	**23.18**	**168**	**55.63**	**53**	**17.55**	**10**	**3.31**	**1**	**0.33**
Meghalaya													
East Garo Hills	10	2.2	6.07	0	0	7	70	3	30	0	0	0	0
East Jaintia Hills	1	41.5	41.5	0	0	0	0	0	0	0	0	1	100
East Khasi Hills	8	0.5	6.1	5	62.5	2	25	1	12.5	0	0	0	0
North Garo Hills	9	1.63	11.07	1	11.1	4	44.4	3	33.3	1	11.1	0	0
Ri-Bhoi	10	0.2	29.87	2	20	5	50	1	10	0	0	2	20
South West Garo Hills	5	3.01	5.81	0	0	4	80	1	20	0	0	0	0
West Garo Hills	16	2.88	48.16	0	0	10	62.5	4	25	0	0	2	12.5
West Jaintia Hills	2	0.4	0.7	2	100	0	0	0	0	0	0	0	0
West Khasi Hills	1	0.95	0.95	1	100	0	0	0	0	0	0	0	0
Total	**62**			**11**	**17.74**	**32**	**51.61**	**13**	**20.97**	**1**	**1.61**	**5**	**8.06**
Nagaland													
Dimapur	13	1.87	12.04	1	7.7	5	38.5	5	38.5	2	15.4	0	0
Total	**13**			**1**	**7.7**	**5**	**38.5**	**5**	**38.5**	**2**	**15.3**	**0**	**0**
Tripura													
Dhalai	10	1.28	7.75	3	30	5	50	2	20	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	%
Gomati	9	1.24	10.23	2	22.2	4	44.4	2	22.2	1	11.1	0	0
Khowai	7	2.08	6.34	0	0	6	85.7	1	14.3	0	0	0	0
North Tripura	19	0.89	6.39	4	21.1	11	57.9	4	21.1	0	0	0	0
South Tripura	22	1.46	15.12	3	13.6	15	68.2	2	9.1	2	9.1	0	0
Unakoti	10	1.75	7.92	1	10	7	70	2	20	0	0	0	0
West Tripura	16	1.39	26.7	3	18.8	7	43.8	3	18.8	2	12.5	1	6.3
Total	**93**			**16**	**17.20**	**55**	**59.14**	**16**	**17.20**	**5**	**5.38**	**1**	**1.08**
Grand Total	**495**			**104**	**21.01**	**268**	**54.14**	**95**	**19.19**	**21**	**4.24**	**7**	**1.41**

Annexure VII

District wise Categorisation of Water Level Fluctuation (Mar-22 to Aug-22)

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Arunachal Pradesh													
Changlang	3	0	0	0	0	0	0	0	0	3	100	0	0
East Siang	5	0	0	0	0	0	0	3	60	0	0	2	40
Lohit	5	0	0	0	0	0	0	1	20	4	80	0	0
Lower Subansiri	2	0	0	0	0	0	0	1	50	0	0	1	50
Papumpare	8	1	12.5	0	0	0	0	6	75	1	12.5	0	0
Tirap	3	0	0	0	0	0	0	0	0	3	100	0	0
Total	**26**	**1**	**3.85**	**0**	**0**	**0**	**0**	**11**	**42.31**	**11**	**42.31**	**3**	**11.5**
Assam													
Baksa	7	0	0	0	0	0	0	3	42.9	2	28.6	2	28.6
Barpeta	4	0	0	0	0	0	0	4	100	0	0	0	0
Biswanath	11	0	0	0	0	0	0	7	63.6	4	36.4	0	0
Bongaigaon	9	0	0	0	0	0	0	8	88.9	0	0	1	11.1
Cachar	14	1	7.1	0	0	0	0	8	57.1	4	28.6	1	7.1
Chirang	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Darrang	6	0	0	0	0	0	0	5	83.3	1	16.7	0	0
Dhemaji	12	0	0	0	0	0	0	6	50	6	50	0	0
Dhubri	9	0	0	0	0	0	0	7	77.8	1	11.1	1	11.1
Dibrugarh	6	0	0	0	0	0	0	4	66.7	2	33.3	0	0
East Karbi Anglong	28	4	14.3	0	0	1	3.6	17	60.7	4	14.3	2	7.1
Goalpara	12	0	0	0	0	0	0	7	58.3	4	33.3	1	8.3
Golaghat	5	1	20	0	0	0	0	2	40	2	40	0	0
Hailakandi	9	0	0	0	0	0	0	5	55.6	3	33.3	1	11.1
Hojai	3	0	0	0	0	0	0	2	66.7	0	0	1	33.3
Jorhat	11	3	27.3	0	0	0	0	6	54.5	2	18.2	0	0
Kamrup	15	1	6.7	1	6.7	0	0	6	40	7	46.7	0	0
Kamrup Metro	6	1	16.7	0	0	0	0	4	66.7	1	16.7	0	0
Karimganj	8	0	0	0	0	0	0	7	87.5	1	12.5	0	0
Kokrajhar	6	0	0	0	0	0	0	6	100	0	0	0	0
Lakhimpur	16	1	6.3	0	0	0	0	12	75	3	18.8	0	0
Morigaon	11	1	9.1	0	0	0	0	8	72.7	1	9.1	1	9.1
Nagaon	20	5	25	0	0	0	0	13	65	0	0	2	10
Nalbari	2	0	0	0	0	0	0	2	100	0	0	0	0

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Sibsagar	4	1	25	0	0	0	0	3	75	0	0	0	0
Sonitpur	11	0	0	0	0	0	0	7	63.6	4	36.4	0	0
Tinsukia	9	0	0	0	0	0	0	3	33.3	5	55.6	1	11.1
Udalguri	7	0	0	0	0	0	0	5	71.4	2	28.6	0	0
West Karbi Anglong	3	0	0	0	0	0	0	2	66.7	1	33.3	0	0
Total	**267**	**21**	**7.87**	**1**	**0.37**	**1**	**0.37**	**170**	**63.67**	**60**	**22.47**	**14**	**5.24**
Meghalaya													
East Garo Hills	10	0	0	0	0	0	0	8	80	2	20	0	0
East Khasi Hills	7	1	14.3	0	0	0	0	4	57.1	1	14.3	1	14.3
North Garo Hills	9	0	0	0	0	0	0	2	22.2	7	77.8	0	0
Ri-Bhoi	9	0	0	0	0	0	0	7	77.8	0	0	2	22.2
South Garo Hills	8	0	0	0	0	0	0	5	62.5	3	37.5	0	0
South West Garo Hills	5	0	0	0	0	0	0	3	60	2	40	0	0
West Garo Hills	14	0	0	0	0	0	0	5	35.7	9	64.3	0	0
West Jaintia Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
West Khasi Hills	2	0	0	0	0	0	0	2	100	0	0	0	0
Total	**65**	**1**	**1.54**	**0**	**0**	**0**	**0**	**37**	**56.92**	**24**	**36.92**	**3**	**4.62**
Nagaland													
Dimapur	10	3	30	0	0	0	0	2	20	0	0	5	50
Total	**10**	**3**	**30**	**0**	**0**	**0**	**0**	**2**	**20**	**0**	**0**	**5**	**50**
Tripura													
Dhalai	11	1	9.1	1	9.1	0	0	5	45.5	2	18.2	2	18.2
Gomati	8	2	25	0	0	0	0	4	50	1	12.5	1	12.5
Khowai	8	0	0	1	12.5	0	0	5	62.5	2	25	0	0
North Tripura	16	3	18.8	0	0	0	0	9	56.3	2	12.5	2	12.5
Sipahijala	4	1	25	0	0	0	0	3	75	0	0	0	0
South Tripura	17	1	5.9	0	0	0	0	9	52.9	6	35.3	1	5.9
Unakoti	10	2	20	0	0	0	0	3	30	3	30	2	20
West Tripura	12	2	16.7	0	0	0	0	9	75	1	8.3	0	0
Total	**86**	**12**	**14**	**2**	**2.33**	**0**	**0**	**47**	**54.65**	**17**	**19.77**	**8**	**9.3**
TOTAL	**454**	**38**	**8.37**	**3**	**0.66**	**1**	**0.22**	**267**	**58.81**	**112**	**24.67**	**33**	**7.27**

Annexure VIII

District wise Categorisation of Water Level Fluctuation (Mar-22 to Nov-22)

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Arunachal Pradesh													
Changlang	4	2	50	0	0	0	0	2	50	0	0	0	0
East Siang	4	1	25	0	0	0	0	2	50	0	0	1	25
Lohit	5	0	0	0	0	0	0	2	40	2	40	1	20
Lower Subansiri	1	0	0	0	0	0	0	0	0	0	0	1	100
Papumpare	9	1	11.1	0	0	0	0	7	77.8	1	11.1	0	0
Tirap	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Total	**26**	**6**	**23.1**	**0**	**0**	**0**	**0**	**14**	**53.85**	**3**	**11.54**	**3**	**11.5**
Assam													
Baksa	6	0	0	0	0	0	0	3	50	2	33.3	1	16.7
Barpeta	5	0	0	0	0	0	0	5	100	0	0	0	0
Biswanath	12	1	8.3	0	0	0	0	10	83.3	0	0	1	8.3
Bongaigaon	7	0	0	0	0	0	0	7	100	0	0	0	0
Cachar	14	1	7.1	0	0	0	0	8	57.1	4	28.6	1	7.1
Chirang	3	1	33.3	1	33.3	0	0	1	33.3	0	0	0	0
Darrang	6	0	0	0	0	0	0	6	100	0	0	0	0
Dhemaji	13	0	0	0	0	0	0	11	84.6	2	15.4	0	0
Dhubri	10	1	10	0	0	0	0	7	70	2	20	0	0
Dibrugarh	7	0	0	0	0	0	0	7	100	0	0	0	0
East Karbi Anglong	29	2	6.9	0	0	0	0	21	72.4	5	17.2	1	3.4
Goalpara	13	1	7.7	0	0	0	0	7	53.8	4	30.8	1	7.7
Golaghat	4	0	0	0	0	0	0	3	75	0	0	1	25
Hailakandi	9	0	0	0	0	0	0	5	55.6	3	33.3	1	11.1
Hojai	4	1	25	0	0	0	0	2	50	1	25	0	0
Jorhat	11	3	27.3	0	0	0	0	6	54.5	1	9.1	1	9.1
Kamrup	16	0	0	1	6.3	0	0	9	56.3	6	37.5	0	0
Kamrup Metro	6	2	33.3	0	0	0	0	3	50	1	16.7	0	0
Karimganj	6	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Kokrajhar	8	0	0	0	0	0	0	8	100	0	0	0	0
Lakhimpur	15	1	6.7	0	0	0	0	12	80	2	13.3	0	0
Morigaon	11	1	9.1	0	0	0	0	7	63.6	2	18.2	1	9.1
Nagaon	15	3	20	0	0	0	0	9	60	1	6.7	2	13.3
Nalbari	2	1	50	0	0	0	0	1	50	0	0	0	0
Sibsagar	5	0	0	0	0	0	0	3	60	2	40	0	0
Sonitpur	12	0	0	0	0	0	0	10	83.3	2	16.7	0	0

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Tinsukia	9	0	0	1	11.1	0	0	7	77.8	1	11.1	0	0
Udalguri	7	0	0	0	0	0	0	7	100	0	0	0	0
West Karbi Anglong	4	1	25	1	25	1	25	1	25	0	0	0	0
Total	**269**	**22**	**8.18**	**4**	**1.49**	**1**	**0.37**	**190**	**70.63**	**41**	**15.24**	**11**	**4.09**
Meghalaya													
East Garo Hills	10	1	10	0	0	0	0	7	70	2	20	0	0
East Khasi Hills	6	1	16.7	0	0	0	0	4	66.7	0	0	1	16.7
North Garo Hills	9	1	11.1	0	0	0	0	4	44.4	4	44.4	0	0
Ri-Bhoi	9	0	0	0	0	0	0	6	66.7	1	11.1	2	22.2
South Garo Hills	8	0	0	0	0	0	0	4	50	4	50	0	0
South West Garo Hills	5	0	0	0	0	0	0	4	80	0	0	1	20
West Garo Hills	14	2	14.3	0	0	0	0	4	28.6	7	50	1	7.1
West Jaintia Hills	2	1	50	0	0	0	0	1	50	0	0	0	0
West Khasi Hills	2	0	0	0	0	0	0	2	100	0	0	0	0
Total	**65**	**6**	**9.23**	**0**	**0**	**0**	**0**	**36**	**55.38**	**18**	**27.69**	**5**	**7.69**
Nagaland													
Dimapur	11	3	27.3	0	0	0	0	2	18.2	0	0	6	54.5
Total	**11**	**3**	**27.3**	**0**	**0**	**0**	**0**	**2**	**18.2**	**0**	**0**	**6**	**54.5**
Tripura													
Dhalai	10	1	10	0	0	0	0	6	60	3	30	0	0
Gomati	9	1	11.1	0	0	0	0	8	88.9	0	0	0	0
Khowai	8	0	0	2	25	0	0	5	62.5	1	12.5	0	0
North Tripura	19	1	5.3	0	0	0	0	15	78.9	2	10.5	1	5.3
Sipahijala	6	1	16.7	0	0	0	0	3	50	2	33.3	0	0
South Tripura	20	4	20	0	0	0	0	12	60	2	10	2	10
Unakoti	10	0	0	0	0	0	0	6	60	4	40	0	0
West Tripura	12	0	0	0	0	0	0	10	83.3	2	16.7	0	0
Total	**94**	**8**	**8.51**	**2**	**2.13**	**0**	**0**	**65**	**69.15**	**16**	**17.02**	**3**	**3.19**
Grand Total	**465**	**45**	**9.68**	**6**	**1.29**	**1**	**0.22**	**307**	**66.02**	**78**	**16.77**	**28**	**6.02**

Annexure IX

District wise Categorisation of Water Level Fluctuation (Mar-22 to Jan-23)

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Arunachal Pradesh													
Changlang	4	2	50	0	0	0	0	2	50	0	0	0	0
East Siang	5	0	0	1	20	0	0	4	80	0	0	0	0
Lohit	5	2	40	0	0	0	0	0	0	3	60	0	0
Lower Subansiri	2	0	0	0	0	0	0	1	50	1	50	0	0
Papumpare	9	2	22.2	0	0	0	0	7	77.8	0	0	0	0
Tirap	3	0	0	1	33	0	0	2	66.7	0	0	0	0
Total	**28**	**6**	**21.4**	**2**	**7.1**	**0**	**0**	**16**	**57.1**	**4**	**14.3**	**0**	**0**
Assam													
Baksa	7	0	0	0	0	0	0	6	85.7	1	14.3	0	0
Barpeta	4	2	50	0	0	0	0	2	50	0	0	0	0
Biswanath	12	0	0	0	0	0	0	12	100	0	0	0	0
Bongaigaon	9	6	66.7	0	0	0	0	3	33.3	0	0	0	0
Cachar	15	7	46.7	1	6.7	0	0	5	33.3	2	13.3	0	0
Chirang	3	1	33.3	1	33	0	0	1	33.3	0	0	0	0
Darrang	8	2	25	1	13	0	0	5	62.5	0	0	0	0
Dhemaji	12	0	0	0	0	0	0	12	100	0	0	0	0
Dhubri	9	3	33.3	1	11	0	0	4	44.4	1	11.1	0	0
Dibrugarh	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
East Karbi Anglong	30	13	43.3	1	3.3	0	0	14	46.7	2	6.7	0	0
Goalpara	13	7	53.8	1	7.7	0	0	5	38.5	0	0	0	0
Golaghat	5	2	40	0	0	0	0	2	40	1	20	0	0
Hailakandi	8	3	37.5	1	13	0	0	4	50	0	0	0	0
Hojai	4	1	25	0	0	0	0	2	50	1	25	0	0
Jorhat	11	7	63.6	0	0	0	0	2	18.2	2	18.2	0	0
Kamrup	16	5	31.3	2	13	1	6.3	5	31.3	3	18.8	0	0
Kamrup Metro	6	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Karimganj	9	4	44.4	0	0	0	0	4	44.4	1	11.1	0	0
Kokrajhar	7	6	85.7	0	0	0	0	1	14.3	0	0	0	0
Lakhimpur	16	1	6.3	0	0	0	0	15	93.8	0	0	0	0
Morigaon	11	1	9.1	0	0	0	0	8	72.7	1	9.1	1	9.1
Nagaon	20	8	40	0	0	0	0	11	55	0	0	1	5
Nalbari	2	1	50	0	0	0	0	1	50	0	0	0	0
Sibsagar	4	1	25	0	0	0	0	3	75	0	0	0	0

District	Number of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Sonitpur	12	0	0	0	0	0	0	11	91.7	1	8.3	0	0
Tinsukia	9	4	44.4	1	11	0	0	4	44.4	0	0	0	0
Udalguri	6	1	16.7	0	0	0	0	4	66.7	1	16.7	0	0
West Karbi Anglong	4	2	50	0	0	0	0	2	50	0	0	0	0
Total	**279**	**97**	**34.8**	**10**	**3.6**	**1**	**0.4**	**152**	**54.5**	**17**	**6.09**	**2**	**0.7**
Meghalaya													
East Garo Hills	10	5	50	1	10	0	0	3	30	1	10	0	0
East Khasi Hills	7	3	42.9	0	0	0	0	2	28.6	2	28.6	0	0
North Garo Hills	9	2	22.2	0	0	0	0	6	66.7	1	11.1	0	0
Ri-Bhoi	9	3	33.3	0	0	0	0	5	55.6	1	11.1	0	0
South West Garo Hills	5	1	20	0	0	0	0	4	80	0	0	0	0
West Garo Hills	13	3	23.1	0	0	0	0	10	76.9	0	0	0	0
West Jaintia Hills	2	1	50	0	0	0	0	1	50	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	**56**	**19**	**33.9**	**1**	**1.8**	**0**	**0**	**31**	**55.4**	**5**	**8.93**	**0**	**0**
Nagaland													
Dimapur	11	3	27.3	1	9.1	0	0	1	9.1	1	9.1	5	46
Total	**11**	**3**	**27.3**	**1**	**9.1**	**0**	**0**	**1**	**9.1**	**1**	**9.1**	**5**	**46**
Tripura													
Dhalai	10	2	20	0	0	0	0	6	60	2	20	0	0
Gomati	9	3	33.3	0	0	0	0	6	66.7	0	0	0	0
Khowai	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
North Tripura	18	6	33.3	0	0	0	0	9	50	2	11.1	1	5.6
Sipahijala	6	1	16.7	1	17	0	0	3	50	1	16.7	0	0
South Tripura	18	6	33.3	1	5.6	0	0	7	38.9	4	22.2	0	0
Unakoti	10	3	30	0	0	0	0	5	50	1	10	1	10
West Tripura	12	0	0	0	0	0	0	12	100	0	0	0	0
Total	**89**	**22**	**24.7**	**2**	**2.3**	**0**	**0**	**53**	**59.6**	**10**	**11.2**	**2**	**2.3**
Grand Total	**463**	**147**	**31.8**	**16**	**3.5**	**1**	**0.2**	**253**	**54.6**	**37**	**7.99**	**9**	**1.9**

Annexure X

District wise Categorisation of Water Level Fluctuation (Mar-21 to Mar-22)

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Arunachal Pradesh													
Changlang	4	2	50	1	25	0	0	1	25	0	0	0	0
East Siang	5	0	0	0	0	0	0	5	100	0	0	0	0
Lohit	5	2	40	2	40	0	0	0	0	0	0	1	20
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	2	66.7	0	0	0	0	0	0	1	33.3	0	0
Total	**26**	**10**	**38.46**	**3**	**11.54**	**0**	**0**	**11**	**42.3**	**1**	**3.85**	**1**	**3.85**
Assam													
Baksa	4	3	75	0	0	0	0	1	25	0	0	0	0
Barpeta	4	1	25	1	25	0	0	2	50	0	0	0	0
Biswanath	11	9	81.8	0	0	0	0	2	18.2	0	0	0	0
Bongaigaon	9	1	11.1	0	0	0	0	8	88.9	0	0	0	0
Cachar	15	7	46.7	0	0	0	0	6	40	0	0	2	13.3
Chirang	3	1	33.3	0	0	0	0	1	33.3	1	33.3	0	0
Darrang	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Dhemaji	11	6	54.5	0	0	0	0	5	45.5	0	0	0	0
Dhubri	7	2	28.6	0	0	0	0	5	71.4	0	0	0	0
Dibrugarh	6	4	66.7	0	0	0	0	1	16.7	1	16.7	0	0
East Karbi Anglong	7	3	42.9	0	0	0	0	4	57.1	0	0	0	0
Goalpara	10	2	20	1	10	0	0	7	70	0	0	0	0
Hailakandi	6	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Hojai	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Kamrup	10	3	30	1	10	0	0	6	60	0	0	0	0
Kamrup Metro	5	1	20	0	0	0	0	3	60	1	20	0	0
Karimganj	9	2	22.2	0	0	0	0	7	77.8	0	0	0	0
Kokrajhar	6	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Lakhimpur	16	8	50	0	0	0	0	8	50	0	0	0	0
Morigaon	11	4	36.4	0	0	1	9.1	6	54.5	0	0	0	0
Nagaon	17	4	23.5	0	0	0	0	11	64.7	2	11.8	0	0
Sonitpur	11	10	90.9	1	9.1	0	0	0	0	0	0	0	0
Tinsukia	9	5	55.6	0	0	0	0	4	44.4	0	0	0	0

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Udalguri	8	5	62.5	1	12.5	0	0	2	25	0	0	0	0
West Karbi Anglong	4	1	25	0	0	0	0	3	75	0	0	0	0
Total	**205**	**89**	**43.41**	**5**	**2.44**	**1**	**0.49**	**103**	**50.2**	**5**	**2.44**	**2**	**0.98**
Meghalaya													
East Garo Hills	9	4	44.4	0	0	0	0	5	55.6	0	0	0	0
East Khasi Hills	7	2	28.6	0	0	0	0	5	71.4	0	0	0	0
North Garo Hills	5	0	0	1	20	0	0	4	80	0	0	0	0
Ri-Bhoi	9	5	55.6	1	11.1	0	0	3	33.3	0	0	0	0
South West Garo Hills	5	4	80	1	20	0	0	0	0	0	0	0	0
West Garo Hills	13	10	76.9	1	7.7	0	0	2	15.4	0	0	0	0
West Jaintia Hills	2	1	50	0	0	0	0	1	50	0	0	0	0
Total	**50**	**26**	**52**	**4**	**8**	**0**	**0**	**20**	**40**	**0**	**0**	**0**	**0**
Nagaland													
Dimapur	1	0	0	0	0	1	100	0	0	0	0	0	0
Total	**1**	**0**	**0**	**0**	**0**	**1**	**100**	**0**	**0**	**0**	**0**	**0**	**0**
Tripura													
Dhalai	11	7	63.6	0	0	0	0	4	36.4	0	0	0	0
Gomati	10	7	70	0	0	0	0	3	30	0	0	0	0
Khowai	8	4	50	0	0	0	0	4	50	0	0	0	0
North Tripura	18	7	38.9	2	11.1	0	0	9	50	0	0	0	0
Sipahijala	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
South Tripura	20	8	40	0	0	0	0	12	60	0	0	0	0
Unakoti	10	7	70	0	0	0	0	3	30	0	0	0	0
West Tripura	11	8	72.7	0	0	0	0	3	27.3	0	0	0	0
Total	**95**	**52**	**54.74**	**2**	**2.11**	**0**	**0**	**41**	**43.2**	**0**	**0**	**0**	**0**
Grand Total	**377**	**177**	**46.95**	**14**	**3.71**	**2**	**0.53**	**175**	**46.42**	**6**	**1.59**	**3**	**0.8**

Annexure XI

District wise Categorisation of Water Level Fluctuation (Aug-21 to Aug-22)

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Arunachal Pradesh													
Changlang	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
East Siang	4	3	75	0	0	0	0	1	25	0	0	0	0
Lohit	5	1	20	0	0	0	0	4	80	0	0	0	0
Lower Subansiri	2	1	50	0	0	0	0	1	50	0	0	0	0
Papumpare	6	5	83.3	1	16.7	0	0	0	0	0	0	0	0
Tirap	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Total	**23**	**13**	**56.52**	**1**	**4.35**	**0**	**0**	**9**	**39.13**	**0**	**0**	**0**	**0**
Assam													
Baksa	8	3	37.5	0	0	0	0	4	50	0	0	1	12.5
Barpeta	2	2	100	0	0	0	0	0	0	0	0	0	0
Biswanath	11	8	72.7	1	9.1	0	0	2	18.2	0	0	0	0
Bongaigaon	8	6	75	0	0	0	0	1	12.5	1	12.5	0	0
Cachar	15	12	80	0	0	0	0	3	20	0	0	0	0
Chirang	4	2	50	0	0	0	0	2	50	0	0	0	0
Darrang	3	1	33.3	1	33.3	0	0	1	33.3	0	0	0	0
Dhemaji	11	5	45.5	0	0	0	0	6	54.5	0	0	0	0
Dhubri	6	3	50	2	33.3	0	0	1	16.7	0	0	0	0
Dibrugarh	6	3	50	0	0	0	0	3	50	0	0	0	0
East Karbi Anglong	29	15	51.7	0	0	1	3.4	13	44.8	0	0	0	0
Goalpara	12	4	33.3	0	0	0	0	8	66.7	0	0	0	0
Golaghat	9	2	22.2	1	11.1	0	0	6	66.7	0	0	0	0
Hailakandi	6	3	50	0	0	0	0	3	50	0	0	0	0
Hojai	2	0	0	0	0	0	0	1	50	0	0	1	50
Jorhat	11	5	45.5	0	0	0	0	6	54.5	0	0	0	0
Kamrup	14	5	35.7	1	7.1	1	7.1	7	50	0	0	0	0
Kamrup Metro	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Karimganj	7	1	14.3	0	0	0	0	6	85.7	0	0	0	0
Kokrajhar	5	5	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	15	11	73.3	0	0	0	0	4	26.7	0	0	0	0
Morigaon	10	2	20	3	30	0	0	4	40	1	10	0	0
Nagaon	21	15	71.4	1	4.8	0	0	4	19	1	4.8	0	0
Nalbari	5	5	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	6	6	100	0	0	0	0	0	0	0	0	0	0

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Sonitpur	9	7	77.8	1	11.1	0	0	1	11.1	0	0	0	0
Tinsukia	10	1	10	0	0	0	0	9	90	0	0	0	0
Udalguri	8	3	37.5	0	0	0	0	5	62.5	0	0	0	0
West Karbi Anglong	3	0	0	0	0	0	0	3	100	0	0	0	0
Total	**262**	**136**	**51.91**	**11**	**4.2**	**2**	**0.76**	**108**	**41.22**	**3**	**1.15**	**2**	**0.76**
Meghalaya													
East Garo Hills	8	5	62.5	0	0	0	0	3	37.5	0	0	0	0
East Khasi Hills	7	5	71.4	0	0	0	0	2	28.6	0	0	0	0
North Garo Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Ri-Bhoi	7	3	42.9	0	0	0	0	3	42.9	0	0	1	14.3
South West Garo Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	12	9	75	0	0	0	0	3	25	0	0	0	0
West Jaintia Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	**38**	**25**	**65.79**	**0**	**0**	**0**	**0**	**12**	**31.58**	**0**	**0**	**1**	**2.63**
Nagaland													
Dimapur	10	1	10	1	10	0	0	4	40	2	20	2	20
Total	**10**	**1**	**10**	**1**	**10**	**0**	**0**	**4**	**40**	**2**	**20**	**2**	**20**
Nagaland													
Dhalai	11	0	0	2	18.2	0	0	7	63.6	2	18.2	0	0
Gomati	8	3	37.5	2	25	0	0	2	25	0	0	1	12.5
Khowai	9	1	11.1	1	11.1	0	0	7	77.8	0	0	0	0
North Tripura	17	9	52.9	0	0	0	0	8	47.1	0	0	0	0
Sipahijala	4	3	75	1	25	0	0	0	0	0	0	0	0
South Tripura	19	12	63.2	1	5.3	0	0	5	26.3	1	5.3	0	0
Unakoti	10	4	40	2	20	0	0	2	20	2	20	0	0
West Tripura	12	6	50	0	0	1	8.3	5	41.7	0	0	0	0
Total	**90**	**38**	**42.22**	**9**	**10**	**1**	**1.11**	**36**	**40**	**5**	**5.56**	**1**	**1.11**
Grand Total	**423**	**213**	**50.35**	**22**	**5.21**	**3**	**0.71**	**169**	**39.95**	**10**	**2.36**	**6**	**1.42**

Annexure XII

District wise Categorisation of Water Level Fluctuation (Nov-21 to Nov-22)

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Arunachal Pradesh													
Changlang	4	2	50	1	25	0	0	1	25	0	0	0	0
East Siang	3	3	100	0	0	0	0	0	0	0	0	0	0
Lohit	5	0	0	0	0	0	0	4	80	1	20	0	0
Lower Subansiri	1	0	0	0	0	0	0	1	100	0	0	0	0
Papumpare	7	4	57.1	0	0	0	0	2	28.6	1	14.3	0	0
Tirap	3	1	33.3	1	33.3	0	0	1	33.3	0	0	0	0
Total	**23**	**10**	**43.48**	**2**	**8.7**	**0**	**0**	**9**	**39.13**	**2**	**8.7**	**0**	**0**
Assam													
Baksa	8	3	37.5	0	0	0	0	4	50	0	0	1	12.5
Barpeta	5	2	40	0	0	0	0	3	60	0	0	0	0
Biswanath	12	9	75	0	0	0	0	2	16.7	1	8.3	0	0
Bongaigaon	7	0	0	0	0	0	0	6	85.7	1	14.3	0	0
Cachar	16	4	25	1	6.3	0	0	11	68.8	0	0	0	0
Chirang	1	0	0	0	0	0	0	1	100	0	0	0	0
Darrang	4	0	0	0	0	0	0	4	100	0	0	0	0
Dhemaji	12	5	41.7	0	0	0	0	7	58.3	0	0	0	0
Dhubri	7	1	14.3	0	0	0	0	5	71.4	1	14.3	0	0
Dibrugarh	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
East Karbi Anglong	26	5	19.2	1	3.8	2	7.7	12	46.2	4	15.4	2	7.7
Goalpara	13	4	30.8	0	0	0	0	8	61.5	1	7.7	0	0
Golaghat	7	1	14.3	0	0	0	0	3	42.9	1	14.3	2	28.6
Hailakandi	6	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Hojai	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Jorhat	11	4	36.4	0	0	0	0	7	63.6	0	0	0	0
Kamrup	18	4	22.2	1	5.6	1	5.6	10	55.6	2	11.1	0	0
Kamrup Metro	4	0	0	0	0	0	0	4	100	0	0	0	0
Karimganj	6	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Kokrajhar	9	6	66.7	0	0	0	0	3	33.3	0	0	0	0
Lakhimpur	14	2	14.3	0	0	0	0	12	85.7	0	0	0	0
Morigaon	12	9	75	0	0	0	0	3	25	0	0	0	0
Nagaon	20	7	35	0	0	0	0	9	45	3	15	1	5
Nalbari	2	1	50	0	0	0	0	1	50	0	0	0	0
Sibsagar	4	1	25	0	0	0	0	3	75	0	0	0	0
Sonitpur	11	9	81.8	0	0	0	0	2	18.2	0	0	0	0

District	Number of stations analysed	Fall						Rise					
		0-2 (m)	%	2-4 (m)	%	>4 (m)	%	0-2 (m)	%	2-4 (m)	%	>4 (m)	%
Tinsukia	10	2	20	1	10	0	0	7	70	0	0	0	0
Udalguri	7	3	42.9	0	0	0	0	4	57.1	0	0	0	0
West Karbi Anglong	4	1	25	1	25	1	25	1	25	0	0	0	0
Total	**266**	**96**	**36.09**	**5**	**1.88**	**4**	**1.5**	**141**	**53.01**	**14**	**5.26**	**6**	**2.26**
Meghalaya													
East Garo Hills	10	5	50	0	0	0	0	5	50	0	0	0	0
East Jaintia Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
East Khasi Hills	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
North Garo Hills	9	3	33.3	1	11.1	0	0	5	55.6	0	0	0	0
Ri-Bhoi	9	0	0	0	0	0	0	8	88.9	1	11.1	0	0
South Garo Hills	9	4	44.4	0	0	0	0	5	55.6	0	0	0	0
South West Garo Hills	5	3	60	0	0	0	0	1	20	1	20	0	0
West Garo Hills	14	4	28.6	3	21.4	0	0	6	42.9	1	7.1	0	0
West Jaintia Hills	2	1	50	0	0	0	0	1	50	0	0	0	0
West Khasi Hills	2	0	0	0	0	0	0	2	100	0	0	0	0
Total	**67**	**22**	**32.84**	**4**	**5.97**	**0**	**0**	**38**	**56.72**	**3**	**4.48**	**0**	**0**
Nagaland													
Dimapur	12	1	8.3	1	8.3	1	8.3	4	33.3	0	0	5	41.7
Total	**12**	**1**	**8.3**	**1**	**8.3**	**1**	**8.3**	**4**	**33.3**	**0**	**0**	**5**	**41.7**
Tripura													
Dhalai	10	2	20	0	0	0	0	7	70	1	10	0	0
Gomati	9	5	55.6	1	11.1	0	0	3	33.3	0	0	0	0
Khowai	9	3	33.3	2	22.2	0	0	4	44.4	0	0	0	0
North Tripura	20	7	35	0	0	0	0	13	65	0	0	0	0
Sipahijala	5	1	20	0	0	0	0	4	80	0	0	0	0
South Tripura	21	8	38.1	2	9.5	0	0	10	47.6	1	4.8	0	0
Unakoti	10	3	30	0	0	0	0	6	60	1	10	0	0
West Tripura	15	5	33.3	0	0	0	0	8	53.3	1	6.7	1	6.7
Total	**99**	**34**	**34.34**	**5**	**5.05**	**0**	**0**	**55**	**55.56**	**4**	**4.04**	**1**	**1.01**
Grand Total	**467**	**163**	**34.9**	**17**	**3.64**	**5**	**1.07**	**247**	**52.89**	**23**	**4.93**	**12**	**2.57**

Annexure XIII

Districtwise Categorisation of Water Level Fluctuation (Jan-22 to Jan-23)

District	No. of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4 m	%	0-2m	%	2-4m	%	>4 m	%
Arunachal Pradesh													
Changlang	4	3	75	0	0	0	0	1	25	0	0	0	0
East Siang	5	2	40	0	0	0	0	3	60	0	0	0	0
Lohit	1	1	100	0	0	0	0	0	0	0	0	0	0
Lower Dibang Valley	1	1	100	0	0	0	0	0	0	0	0	0	0
Lower Subansiri	2	0	0	0	0	0	0	2	100	0	0	0	0
Papumpare	9	4	44.4	0	0	0	0	5	55.6	0	0	0	0
Tirap	3	3	100	0	0	0	0	0	0	0	0	0	0
Total	**25**	**14**	**56.00**	**0**	**0**	**0**	**0**	**11**	**44.00**	**0**	**0**	**0**	**0**
Assam													
Baksa	9	1	11.1	0	0	0	0	8	88.9	0	0	0	0
Barpeta	4	3	75	1	25	0	0	0	0	0	0	0	0
Biswanath	11	1	9.1	0	0	0	0	10	90.9	0	0	0	0
Bongaigaon	9	6	66.7	0	0	1	11.1	2	22.2	0	0	0	0
Cachar	16	9	56.3	0	0	1	6.3	5	31.3	1	6.3	0	0
Chirang	4	3	75	0	0	0	0	1	25	0	0	0	0
Darrang	9	1	11.1	1	11.1	0	0	6	66.7	1	11.1	0	0
Dhemaji	12	0	0	0	0	0	0	12	100	0	0	0	0
Dhubri	8	4	50	0	0	0	0	4	50	0	0	0	0
Dibrugarh	6	3	50	0	0	0	0	3	50	0	0	0	0
East Karbi Anglong	30	13	43.3	2	6.7	2	6.7	13	43.3	0	0	0	0
Goalpara	13	6	46.2	0	0	0	0	7	53.8	0	0	0	0
Golaghat	8	4	50	1	12.5	0	0	3	37.5	0	0	0	0
Hailakandi	7	4	57.1	0	0	1	14.3	2	28.6	0	0	0	0
Hojai	4	2	50	0	0	0	0	2	50	0	0	0	0
Jorhat	11	7	63.6	0	0	0	0	4	36.4	0	0	0	0
Kamrup	15	5	33.3	1	6.7	1	6.7	7	46.7	1	6.7	0	0
Kamrup Metro	5	2	40	0	0	0	0	3	60	0	0	0	0
Karimganj	9	2	22.2	0	0	0	0	7	77.8	0	0	0	0
Kokrajhar	8	6	75	1	12.5	0	0	1	12.5	0	0	0	0
Lakhimpur	18	1	5.6	0	0	0	0	17	94.4	0	0	0	0
Morigaon	12	6	50	0	0	0	0	6	50	0	0	0	0
Nagaon	24	14	58.3	0	0	0	0	10	41.7	0	0	0	0
Nalbari	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Sibsagar	6	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Sonitpur	12	1	8.3	0	0	0	0	11	91.7	0	0	0	0
Tinsukia	10	5	50	0	0	0	0	5	50	0	0	0	0
Udalguri	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
West Karbi Anglong	4	2	50	0	0	0	0	2	50	0	0	0	0

District	No. of stations analyzed	Fall						Rise					
		0-2m	%	2-4m	%	>4m	%	0-2m	%	2-4m	%	>4m	%
Total	**293**	**118**	**40.27**	**7**	**2.39**	**6**	**2.05**	**159**	**54.27**	**3**	**1.02**	**0**	**0**
Meghalaya													
East Garo Hills	10	4	40	0	0	0	0	5	50	1	10	0	0
East Jaintia Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
East Khasi Hills	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
North Garo Hills	9	6	66.7	0	0	0	0	2	22.2	1	11.1	0	0
Ri-Bhoi	10	3	30	0	0	0	0	7	70	0	0	0	0
South West Garo Hills	5	3	60	0	0	0	0	2	40	0	0	0	0
West Garo Hills	13	9	69.2	0	0	0	0	4	30.8	0	0	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	**58**	**30**	**51.72**	**0**	**0**	**0**	**0**	**26**	**44.83**	**2**	**3.45**	**0**	**0**
Nagaland													
Dimapur	13	4	30.8	4	30.8	0	0	3	23	0	0	2	15.4
Total	**13**	**4**	**30.8**	**4**	**30.8**	**0**	**0**	**3**	**23**	**0**	**0**	**2**	**15.4**
Tripura													
Dhalai	10	2	20	1	10	0	0	6	60	0	0	1	10
Gomati	9	8	88.9	0	0	0	0	1	11.1	0	0	0	0
Khowai	7	1	14.3	0	0	0	0	6	85.7	0	0	0	0
North Tripura	18	8	44.4	0	0	0	0	7	38.9	3	16.7	0	0
Sipahijala	7	3	42.9	0	0	0	0	4	57.1	0	0	0	0
South Tripura	21	14	66.7	1	4.8	0	0	4	19	2	9.5	0	0
Unakoti	10	4	40	0	0	0	0	4	40	2	20	0	0
West Tripura	14	4	28.6	0	0	1	7.1	8	57.1	1	7.1	0	0
Total	**96**	**44**	**45.83**	**2**	**2.08**	**1**	**1.04**	**40**	**41.67**	**8**	**8.33**	**1**	**1.04**
Grand Total	**485**	**210**	**43.3**	**13**	**2.68**	**7**	**1.4**	**239**	**49.3**	**13**	**2.68**	**3**	**0.6**

Annexure XIV

District wise Categorisation of Change in Water Level

10 Yrs Mean (March 12-March 21)- March 2022

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	0.24	1.88	0	0	0	0	0	0	4	100	0	0	0	0	0	0
East Siang	3	0.47	0.47	0.22	0.45	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Lohit	1	1.05	1.05	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Lower Subansiri	2	0.06	0.06	0.78	0.78	1	50	0	0	0	0	1	50	0	0	0	0
Papumpare	7	0.23	0.68	0.11	0.25	4	57.1	0	0	0	0	3	42.9	0	0	0	0
Tirap	3	1.37	1.37	0.34	1.42	1	33.3	0	0	0	0	2	66.7	0	0	0	0
TOTAL	**20**	**0.06**	**1.88**	**0.11**	**1.42**	**7**	**35**	**0**	**0**	**5**	**25**	**8**	**40**	**0**	**0**	**0**	**0**
Assam																	
Baksa	1	0.28	0.28	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Barpeta	4	0.53	1.25	0.2	0.2	3	75	0	0	0	0	1	25	0	0	0	0
Biswanath	6	0.3	0.63	0.03	1.89	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Bongaigaon	8	0.47	1.74	1.11	1.32	6	75	0	0	0	0	2	25	0	0	0	0
Cachar	13	0.48	4.35	0.04	2.71	4	30.8	1	7.7	1	7.7	6	46.2	1	7.7	0	0
Chirang	1	3.46	3.46	0	0	1	100	0	0	0	0	0	0	0	0	0	0
Darrang	4	0.16	0.68	0.03	0.03	3	75	0	0	0	0	1	25	0	0	0	0
Dhemaji	10	0.04	0.45	0.03	0.57	8	80	0	0	0	0	2	20	0	0	0	0
Dhubri	7	0.17	3.31	0.03	0.06	4	57.1	1	14	0	0	2	28.6	0	0	0	0
Dibrugarh	6	0.02	0.91	0.16	0.3	3	50	0	0	0	0	3	50	0	0	0	0
East Karbi Anglong	22	0.26	5.52	0.02	9.49	8	36.4	4	18	1	4.5	6	27.3	2	9.1	1	4.5
Goalpara	11	0.49	2.59	0.39	1.45	6	54.5	1	9.1	0	0	4	36.4	0	0	0	0
Golaghat	4	0.31	2.67	2.14	2.14	1	25	2	50	0	0	0	0	1	25	0	0
Hailakandi	4	0.09	1.03	0.39	0.83	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	%
Hojai	2	0.63	1.99	0	0	2	100	0	0	0	0	0	0	0	0	0	0
Jorhat	7	0.29	1.25	2.76	2.76	6	85.7	0	0	0	0	0	0	1	14	0	0
Kamrup	10	0.26	2.33	0.8	1.24	7	70	1	10	0	0	2	20	0	0	0	0
Kamrup Metro	4	0.04	1.98	0	0	4	100	0	0	0	0	0	0	0	0	0	0
Karimganj	8	0.21	0.77	0.2	1.36	5	62.5	0	0	0	0	3	37.5	0	0	0	0
Kokrajhar	2	0.57	1.61	0	0	2	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	13	0.03	1.19	0.02	0.16	8	61.5	0	0	0	0	5	38.5	0	0	0	0
Morigaon	8	0.19	2.27	0.34	9.32	2	25	2	25	0	0	3	37.5	0	0	1	13
Nagaon	20	0.2	2.69	0.71	0.71	12	60	7	35	0	0	1	5	0	0	0	0
Sibsagar	4	0.42	1.52	0.08	0.33	2	50	0	0	0	0	2	50	0	0	0	0
Sonitpur	11	0.06	1.3	0.06	1.61	2	18.2	0	0	0	0	9	81.8	0	0	0	0
Tinsukia	9	0.08	0.3	0.15	1.3	4	44.4	0	0	0	0	5	55.6	0	0	0	0
Udalguri	6	0.02	1.34	0.06	1.02	3	50	0	0	0	0	3	50	0	0	0	0
West Karbi Anglong	4	0.55	2.92	0.05	0.49	1	25	1	25	0	0	2	50	0	0	0	0
TOTAL	**209**	**0.02**	**5.52**	**0.02**	**9.49**	**111**	**53.11**	**20**	**9.57**	**3**	**1.44**	**68**	**32.54**	**5**	**2.39**	**2**	**0.96**
Meghalaya																	
East Garo Hills	9	0.09	1.5	0.2	0.72	5	55.6	0	0	0	0	4	44.4	0	0	0	0
East Khasi Hills	4	0.05	0.09	0.2	2.31	2	50	0	0	0	0	1	25	1	25	0	0
North Garo Hills	5	0.44	0.92	0.74	1.54	3	60	0	0	0	0	2	40	0	0	0	0
Ri-Bhoi	3	0.07	0.62	0	0	3	100	0	0	0	0	0	0	0	0	0	0
South West Garo Hills	4	0.17	1.73	0	0	0	0	0	0	4	100	0	0	0	0	0	0
West Garo Hills	10	0.17	1.51	0.04	1.78	3	30	0	0	0	0	7	70	0	0	0	0
West Jaintia Hills	2	0.33	0.57	0	0	2	100	0	0	0	0	0	0	0	0	0	0
TOTAL	**37**	**0.05**	**1.73**	**0.04**	**2.31**	**18**	**48.65**	**0**	**0**	**4**	**10.81**	**14**	**37.84**	**1**	**2.70**	**0**	**0**
Nagaland																	
Dimapur	5	0.24	3.62	1.04	2.32	1	20	1	20	0	0	1	20	2	40	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	%
TOTAL	**5**	**0.24**	**3.62**	**1.04**	**2.32**	1	**20**	1	**20**	0	0	1	**20**	2	**40**	0	0
Tripura																	
Dhalai	6	0.23	0.49	0.32	2.8	2	33.3	0	0	0	0	3	50	1	17	0	0
Gomati	5	0	0.31	0.22	1.43	2	40	0	0	0	0	3	60	0	0	0	0
Khowai	5	0.37	1.59	0.05	0.19	3	60	0	0	0	0	2	40	0	0	0	0
North Tripura	13	0.01	0.78	0.05	3.96	6	46.2	0	0	0	0	6	46.2	1	7.7	0	0
Sipahijala	5	0.04	0.36	0.03	0.03	4	80	0	0	0	0	1	20	0	0	0	0
South Tripura	4	0.09	0.25	0	0	4	100	0	0	0	0	0	0	0	0	0	0
Unakoti	7	0.05	0.2	0.23	1.91	3	42.9	0	0	0	0	4	57.1	0	0	0	0
West Tripura	6	0.11	0.6	0.26	0.66	3	50	0	0	0	0	3	50	0	0	0	0
TOTAL	**51**	**0.01**	**1.59**	**0.03**	**3.96**	**27**	**52.94**	**0**	**0**	**0**	**0**	**22**	**43.14**	**2**	**3.92**	**0**	**0**
TOTAL	**322**					**164**	**50.9**	**21**	**6.5**	**12**	**3.73**	**113**	**35.1**	**10**	**3.1**	**2**	**0.6**

Annexure XV

District wise Categorisation of Change in Water Level
10 Yrs Mean (August 12-August 21)- August 2022

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	3	0.41	0.41	0.98	1.26	1	33.3	0	0	0	0	2	66.7	0	0	0	0
East Siang	4	0.66	0.66	0.05	1.71	1	25	0	0	0	0	3	75	0	0	0	0
Lohit	1	1.84	1.84	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Lower Subansiri	2	0.74	0.85	0	0	2	100	0	0	0	0	0	0	0	0	0	0
Papumpare	6	0.74	0.74	0.02	2.29	1	16.7	0	0	0	0	4	66.7	1	16.7	0	0
Tirap	3	0.66	0.66	0.36	0.56	1	33.3	0	0	0	0	2	66.7	0	0	0	0
TOTAL	**19**	**0.41**	**1.84**	**0.02**	**2.29**	**6**	**31.58**	**0**	**0**	**1**	**5.26**	**11**	**57.89**	**1**	**5.26**	**0**	**0**
Assam																	
Baksa	2	0.07	0.5	0	0	0	0	0	0	2	100	0	0	0	0	0	0
Barpeta	3	0.15	0.15	0.16	0.91	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Biswanath	6	0.41	0.41	0.01	2.12	1	16.7	0	0	0	0	3	50	2	33.3	0	0
Bongaigaon	8	0.06	1.93	0.3	1.1	2	25	0	0	0	0	6	75	0	0	0	0
Cachar	13	0	1.28	0.04	1.37	5	38.5	0	0	0	0	8	61.5	0	0	0	0
Chirang	1	0.52	0.52	0	0	1	100	0	0	0	0	0	0	0	0	0	0
Darrang	3	0.13	0.13	1.04	1.42	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Dhemaji	9	0.02	0.37	0.17	0.6	5	55.6	0	0	0	0	4	44.4	0	0	0	0
Dhubri	6	0.24	1.77	0.05	1.66	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Dibrugarh	6	0.1	1.12	0	0	0	0	0	0	6	100	0	0	0	0	0	0
East Karbi Anglong	19	0.18	1.75	0.09	4.48	10	52.6	0	0	0	0	7	36.8	0	0	2	11
Goalpara	10	0.06	0.96	0.09	0.39	7	70	0	0	0	0	3	30	0	0	0	0
Golaghat	5	0.03	0.03	0.39	0.72	1	20	0	0	0	0	4	80	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	%
Hailakandi	4	0.03	0.66	0.1	0.18	2	50	0	0	0	0	2	50	0	0	0	0
Hojai	1	5.09	5.09	0	0	0	0	1	100	0	0	0	0	0	0	0	0
Jorhat	7	0.07	0.39	0.02	0.25	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Kamrup	12	0.18	2.73	0.06	1.38	5	41.7	1	8.3	0	0	6	50	0	0	0	0
Kamrup Metro	5	0.16	1.24	0.1	0.47	3	60	0	0	0	0	2	40	0	0	0	0
Karimganj	7	0.12	0.46	0.22	0.22	6	85.7	0	0	0	0	1	14.3	0	0	0	0
Kokrajhar	1	0.62	0.62	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Lakhimpur	11	0.05	0.24	0.02	0.67	3	27.3	0	0	0	0	8	72.7	0	0	0	0
Morigaon	5	0.23	0.71	0.17	3.75	2	40	0	0	0	0	2	40	1	20	0	0
Nagaon	19	0.11	1.42	0.17	0.98	11	57.9	0	0	0	0	8	42.1	0	0	0	0
Nalbari	3	0.09	0.83	0	0	0	0	0	0	3	100	0	0	0	0	0	0
Sibsagar	4	0.07	1.74	0	0	0	0	0	0	4	100	0	0	0	0	0	0
Sonitpur	10	0.01	0.87	0.21	0.71	3	30	0	0	0	0	7	70	0	0	0	0
Tinsukia	10	0.04	0.99	0.14	0.66	4	40	0	0	0	0	6	60	0	0	0	0
Udalguri	7	0.19	0.75	0.1	0.48	2	28.6	0	0	0	0	5	71.4	0	0	0	0
West Karbi Anglong	2	0.58	0.58	2.59	2.59	1	50	0	0	0	0	0	0	1	50	0	0
TOTAL	**199**	**0.01**	**5.09**	**0.01**	**4.48**	**85**	**42.71**	**2**	**1.01**	**16**	**8.04**	**90**	**45.23**	**4**	**2.01**	**2**	**1.01**
Meghalaya																	
East Garo Hills	10	0.04	0.86	0.12	0.79	6	60	0	0	0	0	4	40	0	0	0	0
East Khasi Hills	4	0.02	0.45	0	0	0	0	0	0	4	100	0	0	0	0	0	0
North Garo Hills	5	0.01	1.2	0.16	0.55	3	60	0	0	0	0	2	40	0	0	0	0
Ri-Bhoi	3	0.48	0.48	0.26	0.69	1	33.3	0	0	0	0	2	66.7	0	0	0	0
West Garo Hills	7	0.03	1.47	0.07	0.19	5	71.4	0	0	0	0	2	28.6	0	0	0	0
West Jaintia	1	0.12	0.12	0	0	1	100	0	0	0	0	0	0	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	%
Hills																	
TOTAL	**30**	**0.01**	**1.47**	**0.07**	**0.79**	**16**	**53.3**	**0**	**0**	**4**	**13.33**	**10**	**33.33**	**0**	**0**	**0**	**0**
Nagaland																	
Dimapur	9	0.06	3.32	0.18	3.49	3	33.3	2	22.2	0	0	2	22.2	2	22.2	0	0
TOTAL	**9**	**0.06**	**3.32**	**0.18**	**3.49**	**3**	**33.33**	**2**	**22.22**	**0**	**0**	**2**	**22.22**	**2**	**22.22**	**0**	**0**
Tripura																	
Dhalai	5	0.33	2.47	5.03	5.03	2	40	2	40	0	0	0	0	0	0	1	20
Gomati	4	4.29	4.29	0.16	1.53	0	0	0	0	1	25	3	75	0	0	0	0
Khowai	4	0.11	0.2	0.1	2.06	2	50	0	0	0	0	1	25	1	25	0	0
North Tripura	6	0.14	0.5	0.11	0.98	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Sipahijala	4	0.37	2.76	0	0	0	0	0	0	3	75	1	25	0	0	0	0
South Tripura	4	0.08	0.08	0.33	0.4	1	25	0	0	0	0	3	75	0	0	0	0
Unakoti	7	0.16	0.39	0.41	3.38	3	42.9	0	0	0	0	2	28.6	2	28.6	0	0
West Tripura	7	0.25	0.79	1.12	2.52	2	28.6	0	0	0	0	4	57.1	1	14.3	0	0
TOTAL	**41**	**0.11**	**4.29**	**0.1**	**5.03**	**14**	**34.15**	**2**	**4.88**	**4**	**9.76**	**16**	**39.02**	**4**	**9.76**	**1**	**2.44**
TOTAL	**298**					**124**	**41.6**	**6**	**2.01**	**25**	**8.39**	**129**	**43.3**	**11**	**3.69**	**3**	**1**

Annexure XVI

District wise Categorisation of Change in Water Level
10 Yrs Mean (November 12-November 21)- November 2022

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	0.1	0.1	0.87	2.44	1	25	0	0	0	0	2	50	1	25	0	0
East Siang	3	0.03	0.03	0.07	2.75	1	33.3	0	0	0	0	1	33.3	1	33.3	0	0
Lohit	1	1.41	1.41	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Lower Subansiri	1	0.13	0.13	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Papumpare	7	0.11	0.56	0.08	0.75	4	57.1	0	0	0	0	3	42.9	0	0	0	0
Tirap	3	0.48	1.42	0	0	0	0	0	0	3	100	0	0	0	0	0	0
TOTAL	**19**	**0.03**	**1.42**	**0.07**	**2.75**	**6**	**31.58**	**0**	**0**	**5**	**26.32**	**6**	**31.58**	**2**	**10.53**	**0**	**0**
Assam																	
Baksa	2	0.31	0.79	0	0	2	100	0	0	0	0	0	0	0	0	0	0
Barpeta	3	0.61	0.69	0.36	0.36	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Biswanath	6	3.03	3.03	0.05	1.75	0	0	1	16.7	0	0	5	83.3	0	0	0	0
Bongaigaon	6	0.09	0.78	0	0	6	100	0	0	0	0	0	0	0	0	0	0
Cachar	14	0.01	1	0.02	0.98	7	50	0	0	0	0	7	50	0	0	0	0
Chirang	1	0.35	0.35	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Darrang	3	0.02	0.09	0.03	0.03	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Dhemaji	10	0.03	0.52	0.04	0.24	5	50	0	0	0	0	5	50	0	0	0	0
Dhubri	6	0.01	1.28	0.12	0.12	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Dibrugarh	6	0.25	0.33	0.36	0.76	2	33.3	0	0	0	0	4	66.7	0	0	0	0
East Karbi Anglong	24	0.1	2.02	0.38	6.32	17	70.8	2	8.3	0	0	4	16.7	0	0	1	4.2
Goalpara	11	0.04	1.74	0.16	0.69	9	81.8	0	0	0	0	2	18.2	0	0	0	0
Golaghat	4	0.56	1.85	0.11	0.11	3	75	0	0	0	0	1	25	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	%
Hailakandi	4	0.39	0.41	0.07	0.13	2	50	0	0	0	0	2	50	0	0	0	0
Hojai	3	1.42	1.42	0.4	0.46	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Jorhat	9	0.3	0.77	0.15	0.89	7	77.8	0	0	0	0	2	22.2	0	0	0	0
Kamrup	12	0.19	2.89	0.06	1.47	6	50	1	8.3	0	0	5	41.7	0	0	0	0
Kamrup Metro	7	0.15	0.96	0.07	0.2	3	42.9	0	0	0	0	4	57.1	0	0	0	0
Karimganj	5	0.14	0.2	0.22	0.71	2	40	0	0	0	0	3	60	0	0	0	0
Kokrajhar	1	1.2	1.2	0	0	1	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	14	0.03	0.76	0.01	0.14	7	50	0	0	0	0	7	50	0	0	0	0
Morigaon	11	0.08	1.54	0.1	0.73	4	36.4	0	0	0	0	7	63.6	0	0	0	0
Nagaon	19	0.09	1.83	0.06	1.57	15	78.9	0	0	0	0	4	21.1	0	0	0	0
Nalbari	3	0.37	0.37	0.14	0.38	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Sibsagar	4	0.49	0.84	0.67	0.67	3	75	0	0	0	0	1	25	0	0	0	0
Sonitpur	11	0.52	1.02	0.06	0.84	2	18.2	0	0	0	0	9	81.8	0	0	0	0
Tinsukia	10	0.22	0.77	0.18	2.25	4	40	0	0	0	0	5	50	1	10	0	0
Udalguri	7	0.27	0.81	0.24	0.3	5	71.4	0	0	0	0	2	28.6	0	0	0	0
West Karbi Anglong	3	1.77	4.77	0	0	0	0	0	0	1	33.3	1	33.3	1	33.3	0	0
TOTAL	**219**	**0.01**	**4.77**	**0.01**	**6.32**	**123**	**56.16**	**4**	**1.83**	**2**	**0.91**	**87**	**39.73**	**2**	**0.91**	**1**	**0.46**
Meghalaya																	
East Garo Hills	10	0.01	0.94	0	1.3	6	60	0	0	0	0	4	40	0	0	0	0
East Khasi Hills	4	0.02	0.36	0.19	0.19	3	75	0	0	0	0	1	25	0	0	0	0
North Garo Hills	5	0.2	0.41	0.17	0.42	3	60	0	0	0	0	2	40	0	0	0	0
Ri-Bhoi	6	0.28	0.54	0.13	0.88	3	50	0	0	0	0	3	50	0	0	0	0
South West Garo Hills	3	2.02	2.02	0.09	0.43	0	0	1	33.3	0	0	2	66.7	0	0	0	0
West Garo Hills	11	0.37	2.32	0.02	1.48	3	27.3	2	18.2	0	0	6	54.5	0	0	0	0
West Jaintia Hills	2	0.08	0.22	0	0	2	100	0	0	0	0	0	0	0	0	0	0
TOTAL	**41**	**0.01**	**2.32**	**0.02**	**1.48**	**20**	**48.78**	**3**	**7.32**	**0**	**0**	**18**	**43.90**	**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	12	0.21	5.02	0.25	2.44	4	33.3	4	33.3	1	8.3	2	16.7	1	8.3	0	0
TOTAL	**12**	**0.21**	**5.02**	**0.25**	**2.44**	**4**	**33.33**	**4**	**33.33**	**1**	**8.33**	**2**	**16.67**	**1**	**8.33**	**0**	**0**
Tripura																	
Dhalai	6	0.13	2.56	0.12	2.73	2	33.3	1	16.7	0	0	2	33.3	1	16.7	0	0
Gomati	5	0.3	1.71	0	0	0	0	0	0	5	100	0	0	0	0	0	0
Khowai	5	0.34	0.34	0.15	3.29	1	20	0	0	0	0	2	40	2	40	0	0
North Tripura	11	0.08	0.67	0.03	0.84	5	45.5	0	0	0	0	6	54.5	0	0	0	0
Sipahijala	3	0.02	0.02	0.21	0.58	1	33.3	0	0	0	0	2	66.7	0	0	0	0
South Tripura	5	0.07	2.4	0.24	0.24	2	40	1	20	0	0	2	40	0	0	0	0
Unakoti	8	0.06	0.22	0.25	2.51	3	37.5	0	0	0	0	4	50	1	12.5	0	0
West Tripura	7	0.15	4.07	0.05	0.7	2	28.6	0	0	1	14.3	4	57.1	0	0	0	0
TOTAL	**50**	**0.02**	**4.07**	**0.03**	**3.29**	**16**	**32**	**2**	**4**	**6**	**12**	**22**	**44**	**4**	**8**	**0**	**0**
GRAND TOTAL	**341**					**169**	**49.6**	**13**	**3.81**	**14**	**4.11**	**135**	**39.6**	**9**	**2.64**	**1**	**0.3**

Annexure XVI

District wise Categorisation of Change in Water Level

10 Yrs Mean (January 13-January 22)- January 2023

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	-	-	0.68	1.42	0	0	0	0	0	0	4	100	0	0	0	0
East Siang	3	0.46	0.46	0.24	2.85	1	33.3	0	0	0	0	1	33.3	1	33.3	0	0
Lohit	1	-	-	2.17	2.17	0	0	0	0	0	0	0	0	1	100	0	0
Lower Subansiri	2	0.21	0.21	0.32	0.32	1	50	0	0	0	0	1	50	0	0	0	0
Papumpare	7	0.14	0.66	0.24	0.42	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Tirap	3	0.14	0.26	0.02	0.02	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Total	**20**					**9**	**45.0**	**0**	**0.0**	**0**	**0.0**	**9**	**45.0**	**2**	**10.0**	**0**	**0.0**
Assam																	
Baksa	2	0.35	0.35	0.22	0.22	1	50	0	0	0	0	1	50	0	0	0	0
Barpeta	3	0.07	0.44	1.09	1.09	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Biswanath	6	0.07	0.23	0.02	0.81	3	50	0	0	0	0	3	50	0	0	0	0
Bongaigaon	8	0.02	0.88	0.09	1.69	2	25	0	0	0	0	6	75	0	0	0	0
Cachar	15	0.25	1.91	0.03	1.82	5	33.3	0	0	0	0	10	66.7	0	0	0	0
Chirang	1	0.03	0.03	-	-	1	100	0	0	0	0	0	0	0	0	0	0
Darrang	4	0.21	0.55	0.07	0.07	3	75	0	0	0	0	1	25	0	0	0	0
Dhemaji	11	0.05	0.53	0.39	0.39	10	90.9	0	0	0	0	1	9.1	0	0	0	0
Dhubri	8	0.28	0.28	0.33	1.17	1	12.5	0	0	0	0	7	87.5	0	0	0	0
Dibrugarh	6	0.14	0.38	0.25	1.56	2	33.3	0	0	0	0	4	66.7	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	%
East Karbi Anglong	25	0.03	2.23	0.25	3.99	14	56	2	8	0	0	5	20	4	16	0	0
Goalpara	11	0.48	0.48	0.04	1.8	1	9.1	0	0	0	0	10	90.9	0	0	0	0
Golaghat	6	0.21	0.76	0.1	1.24	3	50	0	0	0	0	3	50	0	0	0	0
Hailakandi	4	0.66	0.66	0.19	1.56	1	25	0	0	0	0	3	75	0	0	0	0
Hojai	3	0.61	2.28	-	-	2	66.7	1	33.3	0	0	0	0	0	0	0	0
Jorhat	10	0.42	0.75	0.05	1.51	4	40	0	0	0	0	6	60	0	0	0	0
Kamrup	10	0.09	2.19	0.91	1.87	7	70	1	10	0	0	2	20	0	0	0	0
Kamrup Metro	6	0.13	1.08	0.39	0.64	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Karimganj	8	0.24	0.52	0.01	0.39	2	25	0	0	0	0	6	75	0	0	0	0
Kokrajhar	2	-	-	0.34	2.48	0	0	0	0	0	0	1	50	1	50	0	0
Lakhimpur	15	0.05	1.14	0.03	0.26	8	53.3	0	0	0	0	7	46.7	0	0	0	0
Morigaon	10	0.15	1.96	0.3	1.28	5	50	0	0	0	0	5	50	0	0	0	0
Nagaon	22	0	2.41	0.07	1.37	15	68.2	1	4.5	0	0	6	27.3	0	0	0	0
Nalbari	3	0.14	1.21	-	-	3	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	4	0.17	0.29	0.44	3.71	2	50	0	0	0	0	1	25	1	25	0	0
Sonitpur	11	0.14	0.59	0.03	0.44	7	63.6	0	0	0	0	4	36.4	0	0	0	0
Tinsukia	9	0.24	1.17	0.36	1.56	2	22.2	0	0	0	0	7	77.8	0	0	0	0
Udalguri	9	0.04	2.52	0.32	0.32	7	77.8	1	11.1	0	0	1	11.1	0	0	0	0
West Karbi Anglong	3	0.95	0.95	0.57	1.18	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Total	**235**					**118**	**50.2**	**6**	**2.6**	**0**	**0**	**105**	**44.7**	**6**	**2.6**	**0**	**0**
Meghalaya																	
East Garo Hills	10	0.23	0.58	0.28	2.16	3	30	0	0	0	0	6	60	1	10	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	%
East Khasi Hills	5	0.12	1.21	0.24	1.07	3	60	0	0	0	0	2	40	0	0	0	0
North Garo Hills	5	0.07	1.54	0.16	2.46	2	40	0	0	0	0	2	40	1	20	0	0
Ri-Bhoi	9	0.02	0.43	0	0.87	5	55.6	0	0	0	0	4	44.4	0	0	0	0
South West Garo Hills	4	-	-	0.36	0.65	0	0	0	0	0	0	4	100	0	0	0	0
West Garo Hills	12	0.68	0.68	0.05	2.16	1	8.3	0	0	0	0	10	83.3	1	8.3	0	0
West Jaintia Hills	2	0.13	0.79	-	-	2	100	0	0	0	0	0	0	0	0	0	0
Total	**47**					**16**	**34.04**	**0**	**0.00**	**0**	**0.00**	**28**	**59.57**	**3**	**6.38**	**0**	**0.00**
Nagaland																	
Dimapur	13	0.42	12.09	0.21	3.7	3	23.1	2	15.4	1	7.7	4	30.8	3	23.1	0	0
Total	**13**					**3**	**23.1**	**2**	**15**	**1**	**7.7**	**4**	**30.8**	**3**	**23**	**0**	**0**
Tripura																	
Dhalai	6	0.11	2.67	2.77	2.77	4	66.7	1	16.7	0	0	0	0	1	16.7	0	0
Gomati	5	-	-	0.02	1.67	0	0	0	0	0	0	5	100	0	0	0	0
Khowai	3	0.01	0.48	0.2	0.2	2	66.7	0	0	0	0	1	33.3	0	0	0	0
North Tripura	11	0	0.78	0.41	1.56	8	72.7	0	0	0	0	3	27.3	0	0	0	0
Sipahijala	3	0.22	0.22	0.65	1.18	1	33.3	0	0	0	0	2	66.7	0	0	0	0
South Tripura	4	0.2	3.45	0.61	0.99	1	25	1	25	0	0	2	50	0	0	0	0
Unakoti	8	0.02	3	0.17	2.46	4	50	1	12.5	0	0	2	25	1	12.5	0	0
West Tripura	7	0	1.57	0.09	3.64	4	57.1	0	0	0	0	2	28.6	1	14.3	0	0
Total	**47**					**24**	**51.1**	**3**	**6.4**	**0**	**0.0**	**17**	**36.2**	**3**	**6.38**	**0**	**0.0**
Grand Total	**362**					**170**	**47**	**11**	**3**	**1**	**0.3**	**163**	**45.03**	**17**	**4.70**	**0**	**0.0**

Annexure XVIII

LONG TERM GROUND WATER LEVEL TREND OF PRE-MONSOON
Period: March-2012 to March-2022

District/Station	Well No	No of Data	Rise	Fall
Arunachal				
Changlang				
Jairampur	92A4A1	39	-	0.032
Namchik	92A3A1	37	-	0.122
Namphai	92A3A2	36	-	0.078
Newlisan Kharsang	92A2A1	37	-	0.086
Chirang				
Bijni	78J3C5	32	0.039	-
Garubassa	78J2B5	8	0.026	-
Runikhata	78J2B2	5	-	0.111
Sidli	78J2B6	8	0.112	-
East Siang				
Berung	83M1B4	10	0.061	-
Kemi	ARES13	6	0.479	-
Oyen	ARES12	23	-	0.792
Pasighat New	ARES02A	39	0.004	-
Pasighat- III	ARES16	11	0.711	-
Pasighat-II	ARES15	27	0.203	-
Ruksin	ARES11	36	0.012	-
Satmile	ARES17	18	0.033	-
Sika Baman Todee	ARES14	31	0.028	-
Lohit				
Adi Ningroo 1 Ow	ARLO02	10	-	0.521
Adi Ningroo 2 Ow	ARLO03	7	-	0.498
Lathow	83M2D1	39	-	0.262
Namsai Ow	ARLO01	10	-	1.442
Wingko Ow	ARLO04	9	-	1.112
Lower Dibang Valley				
Kangkong	ARLDV01	5	0.061	-
Lower Subansiri				
Bomte	ARLSO3	27	0.029	-
Kolaputkar	ARLS01	6	-	0.133
Rajgarh	ARLSO2	28	-	0.001
Papumpare				
Banderedewa I	ARPP04	38	-	0.094
Chimpu	ARPP13	38	0.003	-
Doimukh	83E4D5	25	0.034	-
Holangi	ARPP15	6	1.863	-
Itanagar I	ARPP10	37	0.069	-
Itanagar II	ARPP11	7	-	0.285
Kimin	83E3D2	32	0.062	-

District/Station	Well No	No of Data	Rise	Fall
Naharlagun I	ARPP08	27	0.135	-
Naharlagun II	ARPP09	5	0.205	-
Nirjuli Vill IIA	ARPP06	38	0.127	-
Nirjuli Vill IIB	ARPP07	38	-	0.019
Sonajuli	83E4C1	33	0.052	-
Tirap				
Borduria	83M4B3	38	-	0.06
Deomali	83M4C1	38	-	0.074
Hukanjuri	83M4B4	38	-	0.087
Assam				
Baksa				
Bangalipara	ASBS04	6	-	0.846
Chapla	ASBS06	6	-	1.367
Charaimari	ASBS07	5	0.849	-
Deusunga	ASBS05	6	-	1.773
Jhargaon	ASBS01	30	0.058	-
Naukata	ASBS11	5	0.211	-
Shripur Deor (kaimari)	ASBS09	5	-	0.195
Tamulpur	78N2C1	31	-	0.086
Barpeta				
Bhawanipur	78N3A1	22	0.01	-
Bhawanipur TW	ASBP17	7	1.006	-
Dhupguri(Galia)	ASBP13	21	0.093	-
Nityanada OW	ASBP18	30	-	0.082
Patacharkuchi	ASBP16	16	-	0.101
Patacharkuchi	BROW2	21	-	0.043
Sarupeta	78N3A6	34	0.039	-
Simla	78N2A1	5	0.19	-
Sorbhog	78J3D4	35	0.042	-
Ujanborbori	78N2A2	19	-	0.028
Biswanath				
Behali	ASSP33	15	0.193	-
Bihupukhuri	83F2A7	38	0.051	-
Biswanath Chariali	83F2A6	28	-	0.461
Biswanath Ghat	83F2A8	39	0.179	-
Borgang	83F1B2	20	0.054	-
Helem	ASSP24	31	0.005	-
Helem New	ASSP36	6	-	0.152
Japoriguri	ASSP27	8	0.273	-
Ketela TE	ASSP26	16	0.245	-
Sootia	83F2A2	22	0.233	-
Sootia New	ASSP07	7	-	0.327
Borgang New	ASBN01	9	0.229	-
Buroighat	ASSP 25	36	0.009	-

District/Station	Well No	No of Data	Rise	Fall
Gohpur	83F1C2	32	0.022	-
Hawajan	83F1C4	21	0.14	-
Kheroni	ASSP35	16	0.006	-
Kolabari	ASSP23	32	0.024	-
Bongaigaon				
Abhayapuri	78J3C2	31	-	0.142
Abhayapuri New	ASBN12	6	0.236	-
Baitamari	78J3C1	40	-	0.093
Bongaigaon New	78J3C9	37	0.075	-
Chalantapara	78J3C4	36	0.116	-
Chaprakata	78J3C7	28	0.103	-
Chaprakata	ASBN10	34	-	0.057
Majgaon	ASBN11	33	0.027	-
Manikpur	78J3D1	40	-	0.059
Medhipara(Deo)	78J3C6	34	-	0.05
North salmara	78J3C8	37	-	0.153
Cachar				
Atalbasti	ASCR35	28	-	0.127
Badribasti	83D1D7	40	0.091	-
Badribasti OW	83D1D8	14	0.315	-
Borjalinga	83D2D1	39	0.108	-
Borkhola	83D1C8	38	-	0.012
Dargakuna	ASCR25	30	0.155	-
Digharkhal	83D1C3	36	-	0.218
Dwarbond	ASCR40	15	-	0.34
Fulertol	ASCR37	30	-	0.039
Ghungoor TW	83D1D10	15	0.01	-
Gosaipur Part-II	ASCR34	16	0.26	-
Hilara	ASCR26	19	0.336	-
Kalain	83D1C14	40	-	0.142
Kalain PZ	83D1C13	16	0.489	-
Kashipur	ASCR31	11	0.436	-
Kathaltila	ASCR36	15	-	0.015
Katigora	ASCR27	32	0.089	-
Masimpur	ASCR23	23	-	0.193
Moinarbond	83D1D6	34	0.08	-
Nagdirgram	ASCR39	30	0.001	-
Palanghat	83D2D10	27	0.154	-
Poilapul	83H1A9	36	0.048	-
Razabazar	83H1A7	38	0.445	-
Shivachal	ASCR28	27	-	0.091
Shivtila	83H1A4	36	-	0.054
Silcoorie	ASCR38	18	0.066	-
Tarapur	ASCR32	30	0.034	-
Darrang				

District/Station	Well No	No of Data	Rise	Fall
Bhakatpara Ow	ASDR33	26	0.016	-
Chamuapara	83B3A2	15	-	0.316
Dalgaon	83B2A2	39	0.016	-
Gelabil (Thelamara)	83B2B6	28	0.047	-
Majgaon OW	ASDR34	18	0.03	-
Majgaon-II	ASDR30	28	-	0.176
Mangaldoi	83B3A1	39	-	0.112
Mangaldoi II	83B3A3	37	0.042	-
Thekerabari .1	83B2A1	34	-	0.011
Dhemaji				
Akajan	83I2D1	16	0.172	-
Bhagaban charali	83I2D2	39	-	0.074
Bijoypur	83M1A3	38	0.081	-
Bokabil Ow	ASDM24	34	0	-
Bordoloni	83I3B1	25	0.039	-
Chengali Pather Ow	ASDM23	28	0.009	-
Dekapam	ASDM21	24	0.068	-
Dhakuakhana1	ASDM07	5	0.059	-
Dhemaji 1	83I3C1	11	0.249	-
Dhemaji 1	ASDM 23	33	0.085	-
Dipa	83I2D3	30	0.042	-
Ghilamara	ASDM11	11	-	0.053
Ghilamara Ow	ASDM26	10	0.042	-
Gogamukh Hss Ow	ASDM25	34	-	0.001
Jamuguri	83F1D3	8	-	0.561
Jonai murkongselek	83M1A1	40	0.017	-
Moridhal	ASDM27	17	-	0.066
Santipur	ASDM28	21	-	0.033
Silapathar	83I2C1	13	0.367	-
Simen Chapori	ASDM22	9	0.679	-
Siripani	83I2C3	19	-	0.018
Sisibargaon	83I2C2	41	0.058	-
Telem	83M2A1	40	0.01	-
Dhubri				
Bagaribari	78J4A4	39	0.002	-
Bahalpur	78J3B4	28	0.032	-
Bilasipara	78J4A1	32	-	0.061
Chapar	78J3B2	40	-	0.085
Civil Hospital	ASDH18	13	-	0.061
Dakhin Tokesara	ASDH16	32	-	0.061
Dhubri Town	78F4D4	38	0.17	-
Matabag Ow	ASDH19	20	0.166	-

District/Station	Well No	No of Data	Rise	Fall
Moterjhar	ASDH17	15	-	0.054
Panbari	78J4A2	36	-	0.134
Shapamari Beat	ASDH13	36	0.004	-
Sonamukhi	ASDH14	28	-	0.011
Tamarhat	78F4D2	7	0.124	-
Dibrugarh				
AMC Campus	ASDB14	31	-	0.126
Azarguri gaon	83I3D4	39	-	0.042
Bamunbari	83I4D4	21	0.211	-
Barbaruah	83I3D6	39	-	0.083
Chabua	83M3A2	37	0.056	-
Dibrugarh	83I3D1	18	0.014	-
Dikom	83M3A1	39	-	0.057
Dirialgaon Pz	83M4B6	13	-	0.047
Domar Dolong Tw	ASDB12	33	-	0.078
Jaipur Naharani	83M3A4	19	0.257	-
Lepetkata	ASDB13	19	0.104	-
Melengial PWSS	ASDB15	18	-	0.153
East Karbi Anglong				
Adarakha Tiniali	ASKA44	29	0.07	-
Amlokhi	ASKA53	22	0.057	-
Balipathar	83F4D3	37	-	0.106
Bokajan I	ASKA41	35	-	0.504
Bokajan II	ASKA42	36	0.075	-
Bokoliaghat	ASKA34	31	0.124	-
Borkulia	83G1C3	34	0.047	-
Dengaon	ASKA08	15	0.154	-
Dengaon R10	ASKA33	8	0.1	-
Dengaon R5	83B4D7	23	-	0.105
Dentaghat	83F3A1	22	0.338	-
Deopani	83F4D4	36	0.23	-
Dillai	83G1C4	44	0.051	-
Diphu	83G1B1	24	-	0.589
Diphu (lumding Road)	ASKA58	10	0.223	-
Diphu(matibung Road)	ASKA57	12	-	0.087
Diphu1	ASKA54	9	-	2.238
Diphu2	ASKA55	7	2.899	-
Dishobai	ASKA35	30	0.349	-
Dokmoka	ASEKA01	11	-	0.012
Ghouria Dhubi	ASKA43	26	0.01	-
Habranrangapar	83F4A7	13	2.122	-
Hapjan	83G1C1	10	0.099	-

District/Station	Well No	No of Data	Rise	Fall
Hawaipur	83C1D5	10	-	0.02
Hidipi	83F4C1	32	0.091	-
Khatkhati	83G1D3	34	-	0.045
Khatkhati (matipul Nmgr)	ASKA50	18	0.065	-
Khatkhati CRBF	ASKA40	9	0.327	-
Lahorijan	ASKA51	21	0.297	-
Lakhijan	ASKA52	24	-	0.103
Langhing	ASKA32	33	-	0.016
Manikpur	83F4A6	32	0.102	-
Manja Bus Stand	ASKA39	28	0.608	-
Manja Forest	83G1B2	15	0.393	-
Mohendijua	ASKA38	33	0.237	-
Phonglangso	ASKA36	32	0.096	-
Phuloni	83F4A2	37	0.305	-
Saphapani	ASKA45	34	0.062	-
Sidharampur	ASKA48	7	1.029	-
Silanijan	83F3D1	35	-	0.014
Siljuri	83F2B2	10	-	0.833
Swarghati	ASKA31	29	0.026	-
Terangaon	ASKA37	27	-	0.082
Goalpara				
Agia1	78J4C3	28	0.113	-
Agia2	ASGP21	32	0.021	-
Baida	78J4B3	37	0.176	-
Bhalukdubi (Goalpara)	ASGP15	36	0.082	-
Damra	78K1D8	38	-	0.064
Dhupdhara	78O1A2	14	0.009	-
Dudhnai	78K1D1	39	0.005	-
Dudhnoi II	ASGP17	33	-	0.061
Dwarka	ASGP19	34	0.107	-
Goalpara Town	78J4C4	14	0.23	-
Khutabari	78N4A1	14	-	0.045
Krishnai	78J4C1	20	0.021	-
Krishnai New	ASGP14	16	0.343	-
Lakhipur	78J4B1	13	0.067	-
Matia	78J4D1	12	-	0.377
Pattarpara	ASGP22	35	0.037	-
Rongjuli	78K1D2	39	-	0.046
Salpara	ASGP16	36	0.043	-
Sarapara	ASGP23	36	0.032	-
Teuli	ASGP20	31	0.121	-
Golaghat				
Balibat	ASGL09	10	0.33	-

District/Station	Well No	No of Data	Rise	Fall
Bokakhat	83F2C2	12	0.022	-
Bokakhat1	ASGL12	34	-	0.049
Bongaon	ASGL11	18	-	0.439
Butalikua	ASGL16	16	0.367	-
Dhalaguri	ASGL14	9	0.039	-
Gaghibari Namghar	ASGL10	24	0.131	-
Garampani	ASGL15	34	0.271	-
Garigaon	ASGL17	17	0.406	-
Golaghat	83F2D1	12	0.253	-
Haldibari Buri Ai	ASGL13	35	0.063	-
Kamargaon	83J2A4	11	1.014	-
Kamargaon1	83F2C1	11	-	0.397
Kohra kaziranga	83F2B1	26	-	0.029
Oating	83J3A1	40	0.196	-
Hailakandi				
Burakhai	ASHL08	33	0.064	-
Katlicherra N	ASHL02A	38	0.219	-
Lakhinagar	ASHL09	16	-	0.051
Lala	ASHL10	15	0.087	-
Monacherra	83D2C3	31	-	0.026
Panchgram New	ASHL05A	38	-	0.134
Syedband Part II	ASHL01A	27	0.147	-
Hojai				
Lanka	83C1D1	32	0.095	-
Lumding	83G1A1	31	0.032	-
Tirchang	ASNG47	10	0.235	-
Zebra Khua	ASNG33	18	0.307	-
Jorhat				
Bijay Nagar	ASJR33	20	-	0.013
Chandan Nagar	ASJR23	15	0.061	-
Chengal Ati	ASJR24	8	0.339	-
Chutuyakari	ASJR31	7	0.038	-
Cinamara Tinali	ASJR27	10	0.347	-
Cinemora	ASJR18	35	0.147	-
Dabarapara charali	83J2B3	38	0.126	-
Dahotia	ASJR29	15	0.153	-
Gatisunga	ASJR37	13	-	0.227
Kakojan1	83J1B1	9	0.276	-
Kamarbandha	ASJR34	23	0.197	-
Kokilamukh	83J1A3	37	-	0.011
Kolakhowa	ASJR20	17	0.649	-
Kunwari Pukhuri	ASJR35	23	-	0.059

District/Station	Well No	No of Data	Rise	Fall
Lichubari	ASJR21	33	0.229	-
Mariani	83J2B4	19	0.698	-
Meleng Kaparadharia	ASJR28	34	0.08	-
Nefa Tiniali	ASJR30	11	0.188	-
Rajoi TG	83J2B5	10	0.048	-
Rangajan PHE Sc	ASJR26	9	0.161	-
Saklatinga TGI	83J2A11	10	0.567	-
Saruhoj	ASJR19	8	0.152	-
Selenghat	83J2B2	12	0.333	-
Sodial Kacharigaon	ASJR22	35	0.153	-
Tipamia	83J2A6	10	0.202	-
Titabor	83J2A7	36	0.115	-
Titabor	ASJR36	5	-	0.562
Kamrup				
Abhaipur	ASKM44	29	0.172	-
Agyathuri	78N4C2	34	0.232	-
Alikash Adarsh	78N4C16	30	-	0.06
Bamunigaon1	78N4B3	40	0.071	-
Boko	78O1A1	21	-	0.135
Boko1	ASKM39	18	-	0.111
Chandrapur	78N4D9	9	0.098	-
Chhaygaon	ASKM41	35	-	0.015
Darkuchi	78N2C4	34	-	0.048
Dhobartari	ASKM45	28	-	0.005
Dora Kahara	ASKM47	26	-	0.238
Hajo	78N4C5	38	0.02	-
Kachkatchi	ASKM49	27	0.144	-
Kahara	78N3C2	16	0.192	-
Mirza	ASKM42	38	0.031	-
Rajapara	78O1A3	41	0.05	-
Rangia	78N3C1	19	-	0.294
Rangia New	ASKM57	12	-	0.083
Rangia Ow	ASKM54	9	0.348	-
Rani	ASKM32	16	0.075	-
Sualkuchi	78N4C11	38	0.066	-
Tarani	ASKM48	22	-	0.036
Kamrup (M)				
Amingaon	ASKM46	26	0.145	-
Amingaon(ii)	78N4C18	6	0.109	-
Azara	78N4C1	13	-	0.024
Bamfor	ASKM50	27	-	0.045
Boragaon	78N4C7	24	0.395	-
Dirgeshwari	ASKM14	10	-	0.493

District/Station	Well No	No of Data	Rise	Fall
Dirgheswari	78N4C12	23	-	0.126
Kahilipara	78N4D7	11	0.349	-
Khanapara	78N4D3	12	-	0.124
Khetri	83B4A3	18	-	0.062
Khetri II	ASKM51	30	-	0.05
Maligaon	78N4C6	12	0.317	-
Paltan bazar	78N4C14	9	0.296	-
Rani1	78N4C9	23	-	0.017
Rani2	ASKM43	32	0.05	-
Samanta Pathar	ASKM36A	27	0.181	-
Sonapur	83B4A2	39	-	0.008
Sonapur II	ASKM52	30	0.186	-
Topatoli	83B4A4	38	-	0.084
Topatoli New	ASKM35A	27	0.115	-
Zoo narangi rd	78N4D2	11	-	0.656
Karimganj				
Badarpur	83D1C1	40	0.193	-
Badarpur II	ASKG13	5	0.126	-
Badarpur Pz	83D1C9	8	0.218	-
Badarpur Pz	ASKG03	6	0.537	-
Dhaulia	83D2B6	37	0.023	-
Harinadik	ASKG14	6	-	0.215
Hatikira	83D3B1	36	0.028	-
Kalinagar	ASKG12	14	-	0.266
Karmganj	ASKG15	31	-	0.011
Kayasthagram	ASKG16	30	0.023	-
Patharkandi	ASKG17	32	0.161	-
Rk Nagar I	83D2B4	39	0.004	-
Sarkaribari	83D2B7	39	-	0.028
Shrigauri	83D1C5	6	-	0.136
Kokrajhar				
Amguri	ASKJ01	5	0.203	-
Balajan	ASDH15	29	-	0.009
Bisumari	78J2B1	6	-	0.14
Gossaigaon	78F3D1	5	-	1.004
Kokrajhar	78J3B1	5	-	0.245
Rupshi	78F4D3	37	-	0.099
Serfanguri	78J2A2	6	-	0.031
Srirampur	ASKJ03	5	-	0.029
Lakhimpur				
Amguri	ASLK23	34	0.018	-
Basudeothan	83I3B8	8	-	0.129
Bhogpur charali	83E4D1	41	-	0.005
Bihpuria	83E4D4	29	0.099	-

District/Station	Well No	No of Data	Rise	Fall
Boginadi Balijan New	ASLK06	6	-	0.031
Boginadi(balijan)	83I3A1	15	0.121	-
Borbil Tariyani	ASLK29	21	-	0.015
Dejoo	ASLK24	36	0.018	-
Dholpur	83F1D1	9	-	0.193
Dolanghat chara	83I4A3	39	0.198	-
Harmoti	83E4D6	41	-	0.036
Islampur	83E4D3	32	0.064	-
Kadam	83I3A3	38	0.016	-
Koilamari 6 No Line	ASLK31	19	-	0.044
Laluk	83E4D2	37	-	0.021
Madhupur	ASLK22	28	0.007	-
Milanpur	ASLK26	35	0.031	-
Moridirgha	ASLK30	22	-	0.011
N Lakhimpur Ow	ASLK27	8	0.04	-
N.lakhipur(old)	83I4A1	30	-	0.011
Naoboisa	83I4A4	9	0.317	-
Narayanpur	83F1D4	40	-	0.033
Panigaon	83I4A2	34	0.086	-
Pathalipam	83I3B6	39	-	0.024
Pathalipam II	ASLK25	30	0.01	-
Morigaon				
Baghara	83B4B2	37	0.076	-
Baropujia	ASMR14	29	0.127	-
Barukati	ASMR27	21	-	0.049
Barukati Ow	ASMR23	11	0.372	-
Basanaghat	ASMR19	27	0.061	-
Charibahi Ow	ASMR22	13	0.223	-
Daponibari Ow	ASMR18	16	0.145	-
Deosal	ASMR12	30	-	0.061
Dharamtul	ASMR29	7	0.702	-
Garmari gaon	83B3A4	37	-	0.083
Jagibhagatgaon Ow	ASMR20	8	0.405	-
Jagiroad	83B4A1	40	-	0.138
Kumoi	ASMR15	32	0.082	-
Miarabari	83B3B3	13	0.277	-
Moirabari	ASMR25	10	0.557	-
Morigaon	83B3B10	24	-	0.301
Nasatra	83B4A5	23	-	0.027
Nelle	83B4B4	10	-	1.298
Nelle New	ASMR11	32	0.057	-
Pabbarbhagia	ASMR24	17	-	0.27
Pamibaghara	ASMR16	33	0.097	-

District/Station	Well No	No of Data	Rise	Fall
Shugumbari	ASMR17	9	-	0.469
Silsang Namghar	ASMR13	20	0.317	-
Solmari Ow	ASMR21	28	0.203	-
Daponibari N	ASMR30	12	0.156	-
Nagaon				
Amsoi	83B4B5	35	-	0.045
Bagori	83F2A4	19	0.082	-
Balijan/balijuri Ow	ASNG42	21	-	0.109
Bamuni tinali	83B3D9	30	0.187	-
Beldonga mandir	83B4D8	34	-	0.072
Bichamari	83B3B1	37	0.047	-
Borchukhaba	83B3B5	13	0.563	-
Bordowa	83B3C2	38	0.045	-
Dakhinpath OW	ASNG44	27	0.01	-
Dalapani	ASNG39	34	-	0.003
Dhing	83B3B6	40	0.013	-
Doboka	83B4D1	36	0.042	-
Ghasibasti Ow	ASNG46	27	0.235	-
Gomotha	ASNG34	32	0.125	-
Haldiati sub bt	83B4D6	37	0.024	-
Hateniibatha	ASNG35	34	-	0.032
Jurapukhuri	83C1D7	37	0.138	-
Kathiatoli	83B4C4	39	-	0.027
Kazirang Tourist Vil	ASNG27	22	0.045	-
Kondali	83B3D5	29	0.158	-
Langteng TE	83F3A2	15	-	0.119
Maharita	ASNG38	11	0.186	-
Nadeorigaon	83B4D2	22	-	0.016
Naltali	ASNG37	35	0.126	-
Pahukata	ASNG36	28	0.214	-
Phulaguri	ASNG48	20	0.146	-
Phulaguri R5	ASNG41	14	-	0.291
Phulaguri R6	83F2A5	30	0.169	-
Rangamati Ow	ASNG45	23	-	0.1
Samuguri	83B3D7	23	-	0.282
Silghat	83B2D6	40	-	0.234
Sulung p.o.	83B3D8	39	0.026	-
Telia bebejia	83B3C7	29	0.12	-
Bamuni	ASNG50	8	-	0.194
Nalbari				
Daulasal	ASBP14	34	-	0.056
Daulasal OW	ASBP15	28	0.034	-
Tihu	78N3B3	36	-	0.006
Sibsagar				

District/Station	Well No	No of Data	Rise	Fall
Athkhel Grant	ASSA05	7	2.333	-
Bandarmari	83I4C14	36	0.184	-
Betbari alimore	83I4C8	17	0.33	-
Borkula	ASS102	6	0.428	-
Borkulanagar	ASSA07	10	-	0.25
Demow Sukan	83I4C11	38	0.09	-
Dhapaboria	83I4C5	13	0.356	-
Garbhaga	ASS101	5	0.063	-
Garbhaga Pwss	ASSA06	12	0.091	-
Geleki	83J1C9	10	-	0.124
Hanumanbagh	83J1C7	10	0.11	-
Madhurigohain Gaon	ASSA03	8	0.771	-
Moranhat	83I4D1	17	0.097	-
Rajabari TE	83I4C7	7	1.026	-
Santak	ASSA04	16	0.047	-
Sapekhati	83M4A1	37	-	0.062
Sibsagar	83J1C2	31	0.103	-
Sonarigaon	ASSA02	8	0.246	-
Sonitpur				
18th Mile	ASSP29	35	-	0.07
Balipara	83B1D4	39	0.031	-
Barchola	83B2B5	36	0.036	-
Charduar	83B1D1	39	-	0.051
Dhalaibil	83B1D3	26	0.118	-
Dhekiajuli	83B2B2	39	-	0.01
Garumari	83B1D2	39	0.18	-
Jamuguri North	83B2D3	38	-	0
Na Pam	ASSP31	30	-	0.009
Tezpur	83B2D2	40	-	0.019
Thelamara	ASSP30	37	0.035	-
Tolakbari OW	ASSP34	35	-	0.027
Tupia	ASSP28	35	0.121	-
Tinsukia				
Bordumsa	83M3D3	17	-	0.132
Borgolai	83M3C2	36	-	0.095
Bortorani	83M2B4	18	0.011	-
Digboi	83M3C1	40	0.017	-
Jagun	83M3D4	40	-	0.026
Jaipur naharjan	83M4B5	36	0.077	-
Kumsang Selenguri	ASTS22	32	0.115	-
Ledo forest off	83M3C3	19	0.336	-
Lekhapani	83M3D1	40	-	0.044
Panitola	83M3B4	40	0.063	-
Philobari	83M2C7	16	-	0.117

District/Station	Well No	No of Data	Rise	Fall
Rangagora guijn	83M2B3	18	0.035	-
Tinsukia	83M3B2	40	-	0.05
Tipong	ASTS20	34	-	0.132
Tirap gate	83M3D2	40	-	0.068
Udalguri				
Bengbari	78N2D10	34	-	0.048
Bhalukmari	83B2A7	38	0.112	-
Goroibari	ASDR31	29	0.001	-
Hatitopagaon	83B1B1	21	0.259	-
Kalaigaon	78N2D3	40	0.003	-
Kendurtal	78N2D11	18	0.125	-
Madhupur	83B2A6	31	0.058	-
Orang	83B2B1	33	0.07	-
Paneri	78N2D9	39	-	0.146
Paneri TG	78N2D1	16	1.306	-
Rowta chariali	83B2A3	40	-	0.037
Tangla/tokken Katta	78N2D2	32	0.395	-
Thekerabari 1	ASUD01	6	-	0.676
Udalguri	83B2A4	37	-	0.004
West Karbi Anglong				
Boithalangsu	83C1C2	21	0.028	-
Donkamokam	83C1C1	28	0.457	-
Kalonga	83C1D2	31	-	0.163
Kheronighat	83C1D3	33	-	0.367
Meghalaya				
East Garo Hills				
Depa sarangma	78K1D4	13	0.278	-
Darugiri	78K2D2	37	-	0.059
Narringirri	MLEG14	32	0.02	-
Rongjeng	78K2D1	37	-	0.204
Rongmil	78K2D3	37	-	0.121
Baiza Rongreng	MLEG15	30	-	0.035
Dobetkolgiri	MEEG12	23	-	0.011
Samanda Megapagre	MLEG16	30	-	0.018
Williamnagar	78K2C2	34	0.005	-
Dobu	MLEG13	29	-	0.033
Songsak	MLEG17	32	0.027	-
East Jaintia Hills				
Powergrid Khliehriat	MLEJ01	10	0.323	-
East Khasi Hills				
Ichamati	MLEK15	11	-	0.019
Lapalang Ow	MLEKHOW5	8	0.313	-

District/Station	Well No	No of Data	Rise	Fall
Nit Cherrapunji	MLEKHOW6	12	0.326	-
Balat	78O4B1	15	-	0.084
Dangar	MLEK14	18	0.064	-
Lachuamiere	MLEK09	32	0.02	-
Laitkor	MLEKHOW2	7	6.399	-
Mawpat	MLEK11	21	-	0.428
Nongmynsong	MLEK12	31	0.004	-
Rynjah (R & R Col)	MLEK10	7	-	2.855
Shillong Dhankheti	MLEK08	23	-	0.014
Shillong Golf Link	MLEK07	31	-	0.155
Shillong Polo	78O2D1	8	-	0.618
Water Resources Dept	MLEKOW1	18	-	0.095
Cherrapunji	78O3C1	32	-	0.015
North Garo Hills				
Kharkutta	78K1D7	36	-	0.037
Bajengdoba	78K1C2	33	-	0.103
Dainadubi	MLEG11	34	0.075	-
Mendal	78K1B1	35	-	0.067
Mendipathar	78K1C1	33	-	0.122
Ri Bhoi				
Nongpoh	78O1D1	32	-	0.065
Rpbf Kyrdemkulai	MLRBOW9	15	0.061	-
Nongladew	MLRBOW02	20	-	0.04
Patharkhamma Barigaon	MLRB9	19	-	0.068
Umsaw	MLRBOW1	14	0.061	-
Byrnihat	MLRB02A	39	0.003	-
Pahanmawlier	MLRB06	27	0.019	-
Purduwa	MLRBOW4	22	-	0.05
Tamanpahlong	MLRB	20	-	0.016
Umling	MLRBOW3	10	0.192	-
Lumkeni	MLRBOW7	19	0.225	-
Mawtari Myrdon	MLRBOW8	10	0.117	-
Nayabunglow	MLRB04	24	0.104	-
Sohpdok	MLRBOW5	18	0	-

District/Station	Well No	No of Data	Rise	Fall
Tdohumshaiw	MLRBOW6	22	-	0.219
Umroi Maidan	MLRB8	16	-	0.024
South Garo Hills				
Dumnikura	MLSG02	5	-	0.275
Gasuapara	MLSG04	5	-	0.092
South West Garo Hills				
Ampati	78G3D1	26	0.188	-
Betasing II	ASWG25	21	0.21	-
Garobandha	78K2A1	27	-	0.037
Mahendraganj	78G3D2	21	0.008	-
Zikzak	78G3D3	16	0.016	-
Zikzak	78G3D5	22	-	0.065
West Garo Hills				
Barengapara	78K4A1	10	-	0.519
Barengapara II	ASWG22	7	0.131	-
Borkona	78G2D4	5	-	0.232
Kherapara	78K3A2	8	-	0.461
Dalu	MLWG25	20	-	0.113
Purkhasia	78K3A1	27	0.049	-
Asanang	78K2B1	35	-	0.111
Baljek	ASWG17	31	0.043	-
Rongram	ASWG18	33	0.04	-
Snalgre	MLWG23	20	-	0.088
Damjongre	MLWG21	20	-	0.167
Nidanpur	78K1A3	27	-	0.052
Nidanpur II	ASWG19	11	-	0.067
Phulbari	78K1A1	36	0.039	-
Rajabala	ASWG26	25	-	0.062
Salsella	MLWG22	22	0.082	-
Belguri	ASWG21	30	-	0.107
Phutamati	ASWG20	33	0.002	-
Tikrikilla	78K1A2	35	0.6	-
West Jaintia Hills				
Dauki	83C4A1	37	0.131	-
Diet Thadlaskien	MLWJ01	8	0.797	-
Jowai	83C3A1	38	0.041	-
West Khasi Hills				
Mairang N	MLWK02	14	-	0.013
Mairang	78O2C1	23	0.001	-
Nagaland				
Dimapur				
3 Mile Bazar	NLDM19	20	0.7	-
7th Mile Colony	NLDM21	28	-	0.058

District/Station	Well No	No of Data	Rise	Fall
Bade Bazar	NLDM25	22	-	0.004
Bamunpukri-1	83G9GM16	9	-	0.098
Chumkidima	83G1D1	32	0	-
DGM Colony	83G1C8	20	1.158	-
Dgmofficedimapur	83G13GM10	13	-	2.322
Dhansiripar	83G1C5	23	0.227	-
Diphupar	NLDM22	28	-	0.082
Doyabur DMC	NLDM12	26	0.276	-
Industrial Estate	83G1C7	22	0.111	-
Kacharigaon	NLDM26	9	-	0.028
Maibiram	NLDM13	25	0.387	-
Marwari Colony	83G1C9	25	-	0.024
Purana Bazar	83G1C10	22	0.294	-
Rilayan Colony	NLDM24	23	0.324	-
Seirujha Colony	83G9GM11	32	1.279	-
Singrijan	83G1C6	34	0.125	-
Thilaxu Block-II	NLDM16	26	-	0.117
Urra Bazar	NLDM14	15	0.197	-
Wildlife Office Dimapur	83G1C2	20	1.387	-
Zakesatho Colony	NLDM23	27	0.388	-
Zion Hospital	NLDM18	8	0.11	-
Kohima				
Cathedral Complex	83K2A1	21	0.014	-
NLSA Complex	83K2A2	21	0.076	-
Sepfuzou Colony	83K2A3	21	0.809	-
Mokokchang				
Lampi	83J3B1	21	0.085	-
Mon				
Mon Town	83N2GM14	20	0.609	-
Namsa	83J1D1	20	0.258	-
Peren				
Jalukie	83G2C1	21	0.694	-
Phek				
Phek Town	83K6GM13	20	0.276	-
Tuensang				
Tuensang	83J16GM12	19	-	0.51
Wokha				
New Market	83J4B2	20	0.837	-
Tourist Lodge	83J4B1	20	0.283	-

District/Station	Well No	No of Data	Rise	Fall
Wokha Town	83N2GM15	10	-	0.501
Tripura				
Dhalai				
Chawmanu	TRDL13	12	0.065	-
Durga Cherra	TRDL09	12	0.41	-
J.m. Complex Chailengta	TRDL12	10	0.262	-
Kali Kumar Para	TRDL10	10	0.015	-
Kamalpur	78P4D1	37	0.031	-
Kulai	TRDL 08	14	-	0.072
Lalchari	TRDL03	12	-	0.551
Nunacherra	TRDL11	12	0.077	-
Ambassa	79M1D1	8	-	0.513
Ambassa N	TRDL06	31	-	0.954
Darlang Basti	TRDL02	26	-	0.104
Durga Chowmuhani	TRDL01	29	-	0.059
Manu	78P4D3	5	0.156	-
Manu N	TRDL05	33	0.016	-
Sindhu Kumar	TRDL07	24	-	0.08
Abhanga N	TRDL04	35	-	0.027
Gomati				
Amarpur	TRST05	30	-	0.1
Ampi Colony	TRST07	20	0.671	-
Bampur	TRST 06	35	-	0.02
Dewanbari	TRGM04	15	-	0.258
Dhawajnagar Udaipur	79M2B8	39	0.045	-
Garjee Bazar	79M3B4	38	0.125	-
Jatanbari	TRGM01	24	-	0.285
Joingkami	TRGM03	14	-	0.309
Kankraban	TRST12	35	-	0.083
Naobari	TRST04	17	0.174	-
Noabari-2	TRGM02	15	0.13	-
Ompi Colony	TRGM	6	-	0.347
Twidu	TRGM06	8	0.048	-
Khowai				
Chakmaghat Ew	TRWT02	17	-	0.135
Chakmaghat Ow	TRWT03	16	-	0.134
Kathalbari	TRKH05	9	-	0.427
Totabari Ew	TRKH02	15	-	0.086
Kalyanpur	79M1C2	40	0.016	-
Bagan Bazar	TRWT33	17	0.339	-
Khowai	78P4C5	40	-	0.014
45miles	TRKH01	23	-	0.055

District/Station	Well No	No of Data	Rise	Fall
Tuimadhu	TRWT37	35	0.068	-
Paschim Howaibari	TRWT34	35	0.032	-
North Tripura				
Ananda Bazar	TRNT29	13	-	0.339
Dataram	TRNT30	12	0.226	-
Kanchanpur	84A1A1	33	0.13	-
Kanchanpur Court Ow	TRNT01	14	-	0.364
Khedacherra	TRNT28	12	0.049	-
Narendra Nagar	TRNT26	13	0.126	-
Rajnagar New	TRNT32	11	-	0.781
Sabual	TRNT31	11	0.033	-
Sanicherra	TRNT24	24	0.406	-
Satnala	TRNT16	29	-	0.003
Bagbasa N	TRNT10	35	-	0.006
Baghbassa	83D3A3	5	0.149	-
Churaibari	TRNT23	24	-	0.112
Dharmanagar	83D3B2	39	0.012	-
Lalchhara	TRNT22	23	0.075	-
Laljuri	TRNT15	31	-	0.033
Naba Joypara (natun	TRNT20	24	0.096	-
Deocherra	TRNT25	24	-	0.154
Kunjanagar	TRNT21	23	-	0.019
Panisagar	83D4A1	38	-	0.046
Krishnapur	TRNT19	23	-	0.238
Rajnagar	TRNT13	24	0.073	-
Sipahijala				
Bishalgarh	79M2B1	17	-	0.178
Dakshin Kalamcherra	TRWT04A	38	0.048	-
Golaghati	TRSJ01	25	0.037	-
Gongrai	TRWT36	35	0.024	-
Kathalia bazar	79M3B5	39	-	0.038
Kenania	79M2A2	25	0.184	-
Konaban Sc Colony	TRSJ05	9	0.009	-
Lalmaibari	TRSJ03	16	0.133	-
Rajib Nagar	TRSJ06	7	0.163	-
Shivnagar	TRSJ02	16	-	0.234
Sonamura	79M3B1	10	0.007	-
Sonamura1	79M3B6	17	0.333	-
Tufaniamura	TRWT35	34	0.028	-
South Tripura				
Amli Ghat	TRST35	16	-	0.562

District/Station	Well No	No of Data	Rise	Fall
Anandabandu Para	TRST42	17	-	0.091
Baishanbpur	TRST30	18	-	0.637
Bankul Mahamani	TRST	6	-	0.039
Barkashari	TRST44	10	-	0.06
Bijaynagar	TRST32	16	-	0.214
Chatakchari	TRST40	9	0.257	-
Gaurnagar Bazar	TRST 45	8	0.203	-
Ghorakhappa	TRST41	17	-	0.159
Kalirbazar	TRST29	18	0.059	-
Magroom	TRST31	18	-	0.194
Michara	TRST43	10	-	0.26
Motu Mogpara	TRST33	13	-	0.046
Poangbari	TRST37	18	-	0.653
Purba Takka	TRST38	17	-	0.337
Rajib Nagar Ew	TRST28	16	0.134	-
Santirbazar	79M3C1	7	0.576	-
Santirbazar Purba	TRST13	12	0.27	-
Shashi-chndrapur	TRST34	12	0.017	-
Srinagar	TRST36	18	-	0.022
Tuichama Ew	TRST26	15	-	0.042
Tuichama OW	TRST27	14	0.122	-
Gardhang	TRST11	23	-	0.004
Hrishyamukh	79M4C4	20	0.304	-
Jhajhari	TRST08	13	-	0.1
Kashari	TRST24	5	2.264	-
Manurmukh	TRST03A	37	0.064	-
Radhanagar	TRST15	30	0.021	-
Rajnagar	TRST14	32	0.027	-
Rangamura	TRST25	15	0.48	-
Kalachhara	TRST10	22	0.296	-
Manu Bazar	TRST 9	30	-	0.051
Sabroom	79M4C1	39	0.039	-
Unakoti				
Dumdum	TRUK02	14	-	0.167
Kanchanbari	TRUK01	12	-	0.04
Panchamnagar	TRNT17	28	-	0.118
Gauranagar N	TRNT11	39	0.03	-
Jarutali	TRNT27	23	0.279	-
Chandramanikami	TRNT18	29	0.024	-
Kanchanchhera	TRNT12	34	-	0.081
Kumarghat	83D4A6	38	-	0.143
Karaicherra	TRNT14	31	-	0.276
Pecharthal	83D4A7	39	-	0.232
West Tripura				
A D Nagar	TRWT 43	8	0.707	-

District/Station	Well No	No of Data	Rise	Fall
Gamcha Kobra Market	TRWT44	9	-	0.098
Madhuban	TRWT43	8	0.218	-
Narsinghgarh DTW	TRWT28	35	-	0.061
Pukua Bari	TRWT45	7	-	1.752
R.k Nagar	TRWT46	8	0.088	-
Sipoyjala	79M2B7	9	0.062	-
Terapur	TRWT41	14	0.072	-
Badharghat DTW	TRWT25	32	0.059	-
East Narayanpur	TRWT40	5	-	0.924
Lichubagan STW	TRWT22	21	0.286	-
Khumulwng	TRWT42	13	0.01	-
Suryamaninagar DTW	TRWT23	14	0.154	-
Suryamaninagar STW	TRWT24	13	0.273	-
Subalsingh	TRWT32	25	0.204	-
Chamapnagar1	TRWT39	13	0.491	-
Champaknagar	79M1B6	8	0.828	-
Nagicherra1	TRWT29	34	0.177	-
Nagicherra2	TRWT30	30	0.489	-
Bodhjanagar Dtw	TRWT19	35	0.075	-
Bodhjanagar Stw	TRWT20	32	0.446	-
Ishanpur	TRWT31	34	-	0.012
Mohanpur	79M1B5	12	-	0.006
Mohanpur2	TRWT38	15	0.072	-
Simna	78P4B1	40	0.028	-

ANNEXURE –XIX

LONG TERM GROUND WATER LEVEL TREND OF POST-MONSOON
Period: November-2012 to November-2022

District/Station	Well No.	No. of Data	Rise	Fall
Arunachal				
Changlang				
Jairampur	92A4A1	39	-	0.071
Namchik	92A3A1	36	-	0.137
Namphai	92A3A2	36	-	0.072
Newlisan Kharsang	92A2A1	37	-	0.047
East Siang				
Berung	83M1B4	7	0.17	-
Kemi	ARES13	6	0.479	-
Oyen	ARES12	24	-	0.712
Pasighat New	ARES02A	38	0.04	-
Pasighat- III	ARES16	11	0.711	-
Pasighat-II	ARES15	27	0.203	-
Ruksin	ARES11	38	0.029	-
Satmile	ARES17	20	0.072	-
Sika Baman Todee	ARES14	33	-	0.021
Lohit				
Adi Ningroo 1 Ow	ARLO02	12	-	0.084
Adi Ningroo 2 Ow	ARLO03	9	-	0.211
Lathow	83M2D1	39	-	0.283
Namsai Ow	ARLO01	12	-	0.607
Wingko Ow	ARLO04	11	-	0.499
Lower Dibang Valley				
Kangkong	ARLDV01	7	0.479	-
Bomte	ARLSO3	28	0.064	-
Kolaputkar	ARLS01	7	0.017	-
Rajgarh	ARLSO2	30	0.124	-
Papumpare				
Banderedewa I	ARPP04	40	-	0.092
Chimpu	ARPP13	39	-	0.003
Doimukh	83E4D5	27	0.04	-
Holangi	ARPP15	6	1.863	-
Itanagar I	ARPP10	37	0.069	-
Itanagar II	ARPP11	7	-	0.285
Kimin	83E3D2	30	0.046	-
Naharlagun I	ARPP08	29	0.121	-
Naharlagun II	ARPP09	5	0.205	-
Nirjuli Vill IIA	ARPP06	40	0.119	-
Nirjuli Vill IIB	ARPP07	40	-	0.013

District/Station	Well No.	No. of Data	Rise	Fall
Sonajuli	83E4C1	33	0.076	-
Tirap				
Borduria	83M4B3	39	-	0.04
Deomali	83M4C1	39	-	0.039
Hukanjuri	83M4B4	39	-	0.022
Assam				
Baksa				
Bangalipara	ASBS04	8	0.3	-
Chapla	ASBS06	8	0.715	-
Charaimari	ASBS07	7	0.242	-
Deusunga	ASBS05	8	5.064	-
Jhargaon	ASBS01	32	0.077	-
Kumarikata	ASBS03	5	0.833	-
Naukata	ASBS11	7	0.381	-
Shripur Deor (kaimari)	ASBS09	6	0.094	-
Tamulpur	78N2C1	32	-	0.046
Barpeta				
Bhawanipur	78N3A1	21	-	0.016
Bhawanipur TW	ASBP17	7	1.006	-
Dhupguri(Galia)	ASBP13	21	0.093	-
Nityanada OW	ASBP18	32	-	0.012
Patacharkuchi	ASBP16	16	-	0.101
Patacharkuchi	BROW2	23	0.041	-
Sarupeta	78N3A6	34	0.048	-
Simla	78N2A1	7	0.11	-
Sorbhog	78J3D4	35	0.091	-
Ujanborbori	78N2A2	20	0.021	-
Biswanath				
Behali	ASSP33	17	0.246	-
Bihupukhuri	83F2A7	38	0.068	-
Biswanath Chariali	83F2A6	28	-	0.383
Biswanath Ghat	83F2A8	39	0.226	-
Borgang	83F1B2	18	0.065	-
Helem	ASSP24	31	0.005	-
Helem New	ASSP36	8	0.197	-
Japoriguri	ASSP27	8	0.273	-
Ketela TE	ASSP26	16	0.245	-
Sootia	83F2A2	20	0.266	-
Sootia New	ASSP07	9	0.081	-
Borgang New	ASBN01	11	0.263	-
Buroighat	ASSP 25	38	0.009	-
Gohpur	83F1C2	33	0.018	-
Hawajan	83F1C4	19	0.131	-
Kheroni	ASSP35	18	0.075	-
Kolabari	ASSP23	34	0.004	-
Bongaigaon				

District/Station	Well No.	No. of Data	Rise	Fall
Abhayapuri	78J3C2	29	-	0.167
Abhayapuri New	ASBN12	8	0.628	-
Baitamari	78J3C1	39	-	0.036
Bongaigaon New	78J3C9	36	0.07	-
Chalantapara	78J3C4	36	0.159	-
Chaprakata	78J3C7	27	0.074	-
Chaprakata	ASBN10	36	-	0.029
Majgaon	ASBN11	35	0.064	-
Manikpur	78J3D1	39	-	0.02
Medhipara(Deo)	78J3C6	35	0	-
North salmara	78J3C8	37	-	0.111
Cachar				
Atalbasti	ASCR35	30	-	0.067
Badribasti	83D1D7	40	0.128	-
Badribasti OW	83D1D8	13	0.253	-
Borjalinga	83D2D1	38	0.116	-
Borkhola	83D1C8	38	-	0.001
Dargakuna	ASCR25	30	0.155	-
Digharkhal	83D1C3	38	-	0.149
Dwarbond	ASCR40	17	-	0.284
Fulertol	ASCR37	32	-	0.017
Ghungoor TW	83D1D10	13	0.131	-
Gosaipur Part-II	ASCR34	16	0.26	-
Hilara	ASCR26	19	0.336	-
Kalain	83D1C14	40	-	0.153
Kalain PZ	83D1C13	14	0.244	-
Kashipur	ASCR31	11	0.436	-
Kathaltila	ASCR36	17	0.22	-
Katigora	ASCR27	34	0.088	-
Masimpur	ASCR23	23	-	0.193
Moinarbond	83D1D6	35	0.127	-
Nagdirgram	ASCR39	32	-	0.008
Palanghat	83D2D10	28	0.128	-
Poilapul	83H1A9	38	0.051	-
Razabazar	83H1A7	39	0.496	-
Shivachal	ASCR28	27	-	0.091
Shivtila	83H1A4	36	-	0.023
Silcoorie	ASCR38	20	0.016	-
Tarapur	ASCR32	32	0.036	-
Chirang				
Bijni	78J3C5	33	0.053	-
Garubassa	78J2B5	10	0.009	-
Runikhata	78J2B2	7	-	0.117
Sidli	78J2B6	10	0.173	-
Darrang				
Bhakatpara Ow	ASDR33	28	0.028	-

District/Station	Well No.	No. of Data	Rise	Fall
Chamuapara	83B3A2	14	-	0.279
Dalgaon	83B2A2	38	0.036	-
Gelabil (Thelamara)	83B2B6	27	0.095	-
Majgaon OW	ASDR34	18	0.03	-
Majgaon-II	ASDR30	28	-	0.176
Malibaritari	ASDR01	5	1.347	-
Mangaldoi	83B3A1	39	-	0.105
Mangaldoi II	83B3A3	35	0.032	-
Thekerabari .1	83B2A1	32	-	0.033
Dhemaji				
Akajan	83I2D1	14	0.257	-
Bhagaban charali	83I2D2	39	-	0.04
Bijoypur	83M1A3	38	0.032	-
Bokabil Ow	ASDM24	36	0.022	-
Bordoloni	83I3B1	25	0.013	-
Chengali Pather Ow	ASDM23	30	0.04	-
Dekapam	ASDM21	25	0.051	-
Dhemaji 1	83I3C1	10	0.181	-
Dhemaji 1	ASDM 23	35	0.094	-
Dipa	83I2D3	30	0.042	-
Ghilamara	ASDM11	9	0.089	-
Ghilamara Ow	ASDM26	12	0.077	-
Gogamukh Hss Ow	ASDM25	36	0.039	-
Jamuguri	83F1D3	8	-	0.561
Jonai murkongselek	83M1A1	40	0.025	-
Moridhal	ASDM27	17	-	0.066
Santipur	ASDM28	23	0.047	-
Silapathar	83I2C1	11	0.311	-
Simen Chapori	ASDM22	9	0.679	-
Siripani	83I2C3	19	-	0.008
Sisibargaon	83I2C2	41	0.058	-
Telem	83M2A1	40	0.039	-
Dhubri				
Bagaribari	78J4A4	40	0.017	-
Bahalpur	78J3B4	26	0.037	-
Bilasipara	78J4A1	32	-	0.038
Chandardinga Ow	ASDH05	6	1.105	-
Chapar	78J3B2	40	-	0.07
Civil Hospital	ASDH18	13	-	0.061
Dakhin Tokesara	ASDH16	32	-	0.061
Dhubri Town	78F4D4	39	0.191	-
Matabag Ow	ASDH19	22	0.176	-
Moterjhar	ASDH17	17	0.029	-
Panbari	78J4A2	37	-	0.089

District/Station	Well No.	No. of Data	Rise	Fall
Shapamari Beat	ASDH13	38	0.08	-
Sonamukhi	ASDH14	30	0.02	-
Sonamukhi Ow	ASDH03	6	-	0.541
Tamarhat	78F4D2	6	0.126	-
Dibrugarh				
AMC Campus	ASDB14	33	-	0.09
Azarguri gaon	83I3D4	39	-	0.02
Bamunbari	83I4D4	20	0.127	-
Barbaruah	83I3D6	39	-	0.072
Chabua	83M3A2	38	0.065	-
Dibrugarh	83I3D1	16	0.011	-
Dikom	83M3A1	39	-	0.045
Dirialgaon Pz	83M4B6	12	-	0.021
Domar Dolong Tw	ASDB12	35	-	0.043
Jaipur Naharani	83M3A4	17	0.287	-
Lepetkata	ASDB13	19	0.104	-
Melengial PWSS	ASDB15	19	-	0.154
East Karbi Anglong				
Adarakha Tiniali	ASKA44	31	0.104	-
Amlokhi	ASKA53	24	0.065	-
Balipathar	83F4D3	37	-	0.067
Bokajan I	ASKA41	37	-	0.488
Bokajan II	ASKA42	38	0.093	-
Bokoliaghat	ASKA34	33	0.144	-
Borkulia	83G1C3	34	0.095	-
Dengaon	ASKA08	17	0.157	-
Dengaon R10	ASKA33	8	0.1	-
Dengaon R5	83B4D7	21	-	0.218
Dentaghat	83F3A1	20	0.299	-
Deopani	83F4D4	36	0.081	-
Dillai	83G1C4	44	0.007	-
Diphu	83G1B1	24	-	0.868
Diphu (lumding Road)	ASKA58	11	0.211	-
Diphu(matibung Road)	ASKA57	12	-	0.087
Diphu1	ASKA54	9	-	2.238
Diphu2	ASKA55	7	2.899	-
Dishobai	ASKA35	31	0.324	-
Dokmoka	ASEKA01	13	-	0.106
Ghouria Dhubi	ASKA43	28	0.035	-
Habranrangapar	83F4A7	12	1.445	-
Hapjan	83G1C1	9	-	0.053
Hawaipur	83C1D5	8	-	0.129
Hidipi	83F4C1	32	0.055	-
Khatkhati	83G1D3	34	-	0.007

District/Station	Well No.	No. of Data	Rise	Fall
Khatkhati (matipul Nmgr)	ASKA50	20	-	0.074
Khatkhati CRBF	ASKA40	9	0.327	-
Lahorijan	ASKA51	23	0.283	-
Lakhijan	ASKA52	26	-	0.083
Langhing	ASKA32	35	0.035	-
Manikpur	83F4A6	32	0.208	-
Manja Bus Stand	ASKA39	30	0.574	-
Manja Forest	83G1B2	13	0.507	-
Mohendijua	ASKA38	35	0.292	-
Phonglangso	ASKA36	34	0.135	-
Phuloni	83F4A2	37	0.375	-
Saphapani	ASKA45	36	0.067	-
Sidharampur	ASKA48	7	1.029	-
Silanijan	83F3D1	35	-	0
Siljuri	83F2B2	8	-	0.705
Swarghati	ASKA31	31	0.062	-
Terangaon	ASKA37	28	-	0.057
Goalpara				
Agia	ASGP01	6	0.242	-
Agia1	78J4C3	26	0.12	-
Agia2	ASGP21	32	0.021	-
Baida	78J4B3	37	0.191	-
Bhalukdubi (Goalpara)	ASGP15	38	0.151	-
Damra	78K1D8	39	-	0.035
Dhupdhara	78O1A2	12	-	0.018
Dudhnai	78K1D1	39	0.017	-
Dudhnoi II	ASGP17	35	0.006	-
Dwarka	ASGP19	36	0.124	-
Goalpara Town	78J4C4	12	0.34	-
Khutabari	78N4A1	12	-	0.125
Krishnai	78J4C1	18	0.05	-
Krishnai New	ASGP14	18	0.393	-
Lakhipur	78J4B1	11	0.144	-
Matia	78J4D1	10	-	0.422
Pattarpara	ASGP22	37	0.059	-
Rongjuli	78K1D2	38	-	0.049
Salpara	ASGP16	38	0.078	-
Sarapara	ASGP23	38	0.043	-
Teuli	ASGP20	33	0.141	-
Golaghat				
Balibat	ASGL09	10	0.33	-
Bokakhat	83F2C2	12	0.022	-
Bokakhat1	ASGL12	36	-	0.037
Bongaon	ASGL11	18	-	0.439
Butalikua	ASGL16	18	0.398	-

District/Station	Well No.	No. of Data	Rise	Fall
Dhalaguri	ASGL14	9	0.039	-
Gaghibari Namghar	ASGL10	24	0.131	-
Garampani	ASGL15	36	0.252	-
Garigaon	ASGL17	19	0.384	-
Golaghat	83F2D1	11	0.365	-
Haldibari Buri Ai	ASGL13	36	0.063	-
Kamargaon	83J2A4	10	0.533	-
Kamargaon1	83F2C1	10	-	0.398
Kohra kaziranga	83F2B1	27	0.061	-
Oating	83J3A1	40	0.168	-
Upper Merapani	ASGL19	5	-	1.861
Hailakandi				
Burakhai	ASHL08	35	0.075	-
Katlicherra N	ASHL02A	39	0.222	-
Lakhinagar	ASHL09	18	0.006	-
Lala	ASHL10	17	0.101	-
Monacherra	83D2C3	33	-	0.007
Panchgram New	ASHL05A	39	-	0.001
Syedband Part II	ASHL01A	27	0.147	-
Hojai				
Lanka	83C1D1	33	0.066	-
Lumding	83G1A1	33	0.175	-
Tirchang	ASNG47	11	0.276	-
Zebra Khua	ASNG33	20	0.293	-
Jorhat				
Bijay Nagar	ASJR33	22	-	0.012
Chandan Nagar	ASJR23	15	0.061	-
Chengal Ati	ASJR24	8	0.339	-
Chutuyakari	ASJR31	7	0.038	-
Cinamara Tinali	ASJR27	10	0.347	-
Cinemora	ASJR18	37	0.13	-
Dabarapara charali	83J2B3	38	0.094	-
Dahotia	ASJR29	15	0.153	-
Gatisunga	ASJR37	15	0.003	-
Kakojan1	83J1B1	7	0.516	-
Kamarbandha	ASJR34	25	0.201	-
Kokilamukh	83J1A3	37	0.039	-
Kolakhowa	ASJR20	17	0.649	-
Kunwari Pukhuri	ASJR35	25	-	0.042
Lichubari	ASJR21	35	0.215	-
Mariani	83J2B4	17	0.653	-
Meleng Kaparadharia	ASJR28	36	0.08	-
Nefa Tiniali	ASJR30	11	0.188	-
Rajoi TG	83J2B5	8	-	0
Rangajan PHE Sc	ASJR26	9	0.161	-

District/Station	Well No.	No. of Data	Rise	Fall
Saklatinga TGI	83J2A11	9	-	0.017
Saruhoj	ASJR19	8	0.152	-
Selenghat	83J2B2	10	0.159	-
Sodial Kacharigaon	ASJR22	37	0.152	-
Tipamia	83J2A6	9	0.317	-
Titabor	83J2A7	36	0.123	-
Titabor	ASJR36	5	-	0.562
Kamrup				
Abhaipur	ASKM44	31	0.174	-
Agyathuri	78N4C2	34	0.15	-
Alikash Adarsh	78N4C16	29	-	0.05
Bamunigaon1	78N4B3	39	0.058	-
Boko	78O1A1	23	0.001	-
Boko1	ASKM39	18	-	0.111
Chandrapur	78N4D9	6	0.035	-
Chhaygaon	ASKM41	37	0.008	-
Darkuchi	78N2C4	34	-	0.034
Dhobartari	ASKM45	30	0.013	-
Dora Kahara	ASKM47	28	-	0.053
Garopara Ow	ASKM58	6	-	2.766
Hajo	78N4C5	38	0.021	-
Kachkatchi	ASKM49	29	0.175	-
Kahara	78N3C2	14	0.323	-
Lachitnagar Ow	ASKM59	5	3.229	-
Mirza	ASKM42	40	0.054	-
Rajapara	78O1A3	40	0.065	-
Rangia	78N3C1	17	-	0.306
Rangia New	ASKM57	14	-	0.044
Rangia Ow	ASKM54	9	0.348	-
Rani	ASKM32	18	0.184	-
Rani 2	ASKM60	6	0.446	-
Ranikhamar Ow	ASKM61	6	-	3.762
Sualkuchi	78N4C11	38	0.085	-
Tarani	ASKM48	22	-	0.036
Kamrup (M)				
Amingaon	ASKM46	28	0.169	-
Amingaon(ii)	78N4C18	5	0.128	-
Azara	78N4C1	10	0.011	-
Bamfor	ASKM50	27	-	0.045
Boragaon	78N4C7	21	0.18	-
Dirgeshwari	ASKM14	12	-	0.038
Dirgheswari	78N4C12	21	-	0.124
Kahilipara	78N4D7	8	0.482	-
Khanapara	78N4D3	9	-	0.164
Khetri	83B4A3	16	-	0.137
Khetri II	ASKM51	31	-	0.035

District/Station	Well No.	No. of Data	Rise	Fall
Maligaon	78N4C6	9	0.231	-
Paltan bazar	78N4C14	7	0.197	-
Rani1	78N4C9	20	-	0.033
Rani2	ASKM43	32	0.05	-
Samanta Pathar	ASKM36A	29	0.181	-
Sonapur	83B4A2	39	-	0.009
Sonapur II	ASKM52	32	0.202	-
Topatoli	83B4A4	38	-	0.05
Topatoli New	ASKM35A	29	0.096	-
Zoo narangi rd	78N4D2	8	-	1.257
Karimganj				
Badarpur	83D1C1	38	0.216	-
Badarpur II	ASKG13	5	0.126	-
Badarpur Pz	83D1C9	6	0.233	-
Badarpur Pz	ASKG03	5	0.171	-
Dhaulia	83D2B6	37	0.019	-
Harinadik	ASKG14	6	-	0.215
Hatikira	83D3B1	37	0.032	-
Kalinagar	ASKG12	16	-	0.196
Karmganj	ASKG15	33	-	0.01
Kayasthagram	ASKG16	32	0.025	-
Patharkandi	ASKG17	34	0.16	-
Rk Nagar I	83D2B4	38	-	0.062
Sarkaribari	83D2B7	39	-	0.02
Kokrajhar				
Amguri	ASKJ01	6	0.041	-
Balajan	ASDH15	31	0.012	-
Bisumari	78J2B1	7	-	0.125
Dotma	78J3A1	5	-	0.236
Gossaigaon	78F3D1	7	-	0.298
Kachugaon	78J2A1	5	0.007	-
Kokrajhar	78J3B1	7	-	0.17
Rupshi	78F4D3	37	-	0.074
Serfanguri	78J2A2	8	-	0.023
Srirampur	ASKJ03	7	0.044	-
Lakhimpur				
Amguri	ASLK23	34	0.018	-
Basudeothan	83I3B8	10	-	0.025
Bhogpur charali	83E4D1	41	0.01	-
Bihpuria	83E4D4	29	0.091	-
Boginadi Balijan New	ASLK06	7	0.463	-
Boginadi(balijan)	83I3A1	15	0.121	-
Borbil Tariyani	ASLK29	23	0.015	-
Dejoo	ASLK24	38	0.035	-
Dholpur	83F1D1	7	-	0.703
Dolanghat chara	83I4A3	39	0.198	-

District/Station	Well No.	No. of Data	Rise	Fall
Harmoti	83E4D6	41	0	-
Islampur	83E4D3	31	0.036	-
Kadam	83I3A3	38	0.03	-
Koilamari 6 No Line	ASLK31	19	-	0.044
Laluk	83E4D2	37	-	0.001
Madhupur	ASLK22	30	0.023	-
Milanpur	ASLK26	37	0.059	-
Moridirgha	ASLK30	24	0.009	-
N Lakhimpur Ow	ASLK27	9	0.097	-
N.lakhipur(old)	83I4A1	29	0.013	-
Naoboisa	83I4A4	7	0.55	-
Narayanpur	83F1D4	40	-	0.013
Panigaon	83I4A2	34	0.097	-
Pathalipam	83I3B6	39	-	0
Pathalipam II	ASLK25	32	0.037	-
Morigaon				
Baghara	83B4B2	36	0.105	-
Baropujia	ASMR14	30	0.129	-
Barukati	ASMR27	23	0.065	-
Barukati Ow	ASMR23	11	0.372	-
Basanaghat	ASMR19	29	0.057	-
Charibahi Ow	ASMR22	14	0.183	-
Daponibari Ow	ASMR18	16	0.145	-
Deosal	ASMR12	32	-	0.048
Dharamtul	ASMR29	7	0.702	-
Garmari gaon	83B3A4	37	-	0.049
Jagibhagatgaon Ow	ASMR20	9	-	0.051
Jagiroad	83B4A1	40	-	0.096
Kumoi	ASMR15	34	0.125	-
Miarabari	83B3B3	14	0.272	-
Moirabari	ASMR25	10	0.557	-
Morigaon	83B3B10	22	-	0.353
Nasatra	83B4A5	22	0.013	-
Nelle	83B4B4	8	-	1.61
Nelle New	ASMR11	34	0.022	-
Pabbarbhagia	ASMR24	17	-	0.27
Pamibaghara	ASMR16	35	0.069	-
Shugumbari	ASMR17	9	-	0.469
Silsang Namghar	ASMR13	22	0.273	-
Solmari Ow	ASMR21	30	0.257	-
Daponibari N	ASMR30	14	0.103	-
Nagaon				
Amsoi	83B4B5	34	-	0.044
Bagori	83F2A4	20	0.116	-
Balijan/balijuri Ow	ASNG42	22	-	0.096

District/Station	Well No.	No. of Data	Rise	Fall
Bamuni tinali	83B3D9	30	0.234	-
Beldonga mandir	83B4D8	33	-	0.057
Bichamari	83B3B1	36	0.063	-
Borchukhaba	83B3B5	13	0.563	-
Bordowa	83B3C2	38	0.081	-
Dakhinpath OW	ASNG44	29	0.075	-
Dalapani	ASNG39	35	0.016	-
Dhing	83B3B6	40	0.007	-
Doboka	83B4D1	37	0.114	-
Ghasibasti Ow	ASNG46	29	0.26	-
Gomotha	ASNG34	34	0.146	-
Haldiati sub bt	83B4D6	37	0.049	-
Hateniibatha	ASNG35	36	-	0.011
Jurapukhuri	83C1D7	39	0.139	-
Kathiatoli	83B4C4	38	-	0.002
Kazirang Tourist Vil	ASNG27	24	0.019	-
Kondali	83B3D5	30	0.141	-
Langteng TE	83F3A2	14	-	0.032
Maharita	ASNG38	11	0.186	-
Nadeorigaon	83B4D2	22	-	0.004
Naltali	ASNG37	36	0.116	-
Pahukata	ASNG36	29	0.23	-
Phulaguri	ASNG48	21	0.154	-
Phulaguri R5	ASNG41	14	-	0.291
Phulaguri R6	83F2A5	30	0.153	-
Rangamati Ow	ASNG45	25	-	0.071
Samuguri	83B3D7	21	-	0.395
Silghat	83B2D6	40	-	0.142
Sulung p.o.	83B3D8	39	0.065	-
Telia bebejia	83B3C7	29	0.169	-
Bamuni	ASNG50	9	-	0.06
Nalbari				
Daulasal	ASBP14	36	-	0.02
Daulasal OW	ASBP15	30	0.063	-
Tihu	78N3B3	36	0.027	-
Sibsagar				
Athkhel Grant	ASSA05	7	2.333	-
Bandarmari	83I4C14	36	0.172	-
Betbari alimore	83I4C8	15	0.364	-
Borkula	ASS102	8	0.417	-
Borkulanagar	ASSA07	10	-	0.25
Demow Sukan	83I4C11	38	0.048	-
Dhapaboria	83I4C5	11	0.224	-
Garbhaga	ASS101	7	0.083	-
Garbhaga Pwss	ASSA06	12	0.091	-
Geleki	83J1C9	8	0.024	-

District/Station	Well No.	No. of Data	Rise	Fall
Hanumanbagh	83J1C7	8	-	0.013
Madhurigohain Gaon	ASSA03	8	0.771	-
Moranhat	83I4D1	15	0.057	-
Rajabari TE	83I4C7	5	-	0.304
Santak	ASSA04	17	0.018	-
Sapekhati	83M4A1	38	-	0.017
Sibsagar	83J1C2	32	0.119	-
Sonarigaon	ASSA02	8	0.246	-
Sonitpur				
18th Mile	ASSP29	37	-	0.045
Balipara	83B1D4	39	0.034	-
Barchola	83B2B5	36	0.066	-
Charduar	83B1D1	39	-	0.038
Dhalaibil	83B1D3	24	0.127	-
Dhekiajuli	83B2B2	39	-	0.001
Garumari	83B1D2	39	0.177	-
Jamuguri North	83B2D3	38	0.013	-
Na Pam	ASSP31	31	-	0.004
Tezpur	83B2D2	40	-	0.005
Thelamara	ASSP30	39	0.05	-
Tolakbari OW	ASSP34	37	0.006	-
Tupia	ASSP28	35	0.121	-
Tinsukia				
Bordumsa	83M3D3	17	-	0.132
Borgolai	83M3C2	36	-	0.099
Bortorani	83M2B4	16	-	0.049
Chapakhowa	ASTS23	5	-	0.215
Digboi	83M3C1	40	0.002	-
Jagun	83M3D4	40	-	0.011
Jaipur naharjan	83M4B5	36	0.032	-
Kumsang Selenguri	ASTS22	34	0.127	-
Ledo forest off	83M3C3	17	0.402	-
Lekhapani	83M3D1	40	-	0.029
Panitola	83M3B4	40	0.077	-
Philobari	83M2C7	15	0.063	-
Rangagora guijn	83M2B3	16	0.025	-
Tinsukia	83M3B2	40	-	0.038
Tipong	ASTS20	36	-	0.114
Tirap gate	83M3D2	40	-	0.009
Udalguri				
Bengbari	78N2D10	35	-	0.044
Bhalukmari	83B2A7	38	0.124	-
Goroibari	ASDR31	31	0.014	-
Hatitopagaon	83B1B1	23	0.316	-
Kalaigaon	78N2D3	40	0.021	-

District/Station	Well No.	No. of Data	Rise	Fall
Kendurtal	78N2D11	17	0.028	-
Madhupur	83B2A6	29	0.071	-
Orang	83B2B1	31	0.091	-
Paneri	78N2D9	40	-	0.127
Paneri TG	78N2D1	15	1.067	-
Rowta chariali	83B2A3	40	-	0.005
Tangla/tokken Katta	78N2D2	33	0.366	-
Thekerabari 1	ASUD01	8	0.221	-
Udalguri	83B2A4	36	-	0.022
West Karbi Anglong				
Boithalangsu	83C1C2	21	0.051	-
Donkamokam	83C1C1	29	0.357	-
Kalonga	83C1D2	31	-	0.156
Kheronighat	83C1D3	33	-	0.497
Meghalaya				
East Garo Hills				
Depa sarangma	78K1D4	11	0.301	-
Darugiri	78K2D2	37	-	0.033
Narringirri	MLEG14	34	0.052	-
Rongjeng	78K2D1	37	-	0.14
Rongmil	78K2D3	37	-	0.095
Baiza Rongreng	MLEG15	32	0.029	-
Dobetkolgiri	MEEG12	25	0	-
Samanda Megapagre	MLEG16	32	0.016	-
Williamnagar	78K2C2	34	0.005	-
Dobu	MLEG13	31	-	0.02
Songsak	MLEG17	34	0.056	-
East Jaintia Hills				
Powergrid Khliehriat	MLEJ01	12	0.31	-
East Khasi Hills				
Ichamati	MLEK15	13	0.052	-
Lapalang Ow	MLEKHOW5	8	0.313	-
Nit Cherrapunji	MLEKHOW6	14	0.198	-
Balat	78O4B1	13	-	0.201
Dangar	MLEK14	20	0.103	-
Lachuamiere	MLEK09	34	0.03	-
Laitkor	MLEKHOW2	7	6.399	-
Mawpat	MLEK11	21	-	0.428
Nongmynsong	MLEK12	33	0.012	-
Rynjah (R & R Col)	MLEK10	7	-	2.855
Shillong Dhankheti	MLEK08	23	-	0.014

District/Station	Well No.	No. of Data	Rise	Fall
Shillong Golf Link	MLEK07	33	-	0.057
Shillong Polo	78O2D1	7	-	0.618
Water Resources Dept	MLEKOW1	19	-	0.056
Cherrapunji	78O3C1	33	0.019	-
North Garo Hills				
Bajengdoba Ow	MLNG01	5	0.219	-
Mendal Ow	MLNG02	5	1.046	-
Mendipathar Ow	MLNG04	5	-	1.493
Wa Geasi	MLNG03	5	1.06	-
Kharkutta	78K1D7	36	0.017	-
Bajengdoba	78K1C2	33	-	0.066
Dainadubi	MLEG11	36	0.099	-
Mendal	78K1B1	35	-	0.022
Mendipathar	78K1C1	33	-	0.087
Ri Bhoi				
Nongpoh	78O1D1	33	-	0.09
Rpbf Kyrdemkulai	MLRBOW9	17	0.288	-
Nongladew	MLRBOW02	22	-	0.023
Patharkhamma Barigaon	MLRB9	21	0.039	-
Umsaw	MLRBOW1	14	0.061	-
Byrnihat	MLRB02A	39	0.015	-
Pahanmawlier	MLRB06	29	0.046	-
Purduwa	MLRBOW4	24	0.003	-
Tamanpahlong	MLRB	22	0.002	-
Umling	MLRBOW3	10	0.192	-
Lumkeni	MLRBOW7	19	0.225	-
Mawtari Myrdon	MLRBOW8	10	0.117	-
Nayabunglow	MLRB04	26	0.159	-
Sohpdok	MLRBOW5	18	0	-
Tdohumshaiw	MLRBOW6	24	-	0.083
Umroi Maidan	MLRB8	16	-	0.024
South Garo Hills				
Betagre	MLSG07	5	0.294	-
Chiringpara	MLSG08	5	1.496	-
Dopha-adan	MLSG09	5	0.395	-
Dumnikura	MLSG02	7	-	0.196
Gasuapara	MLSG04	7	-	0.057
Glmatkolgre	MLSG10	5	1.31	-
Konduk	MLSG11	5	1.255	-
Mandangre	MLSG12	5	0.666	-
South West Garo Hills				
Ampati	78G3D1	26	0.22	-
Betasing II	ASWG25	23	0.21	-
Garobandha	78K2A1	28	-	0.021

District/Station	Well No.	No. of Data	Rise	Fall
Mahendraganj	78G3D2	22	0.075	-
Zikzak	78G3D3	16	0.016	-
Zikzak	78G3D5	22	0.051	-
West Garo Hills				
Barengapara	78K4A1	8	-	0.578
Barengapara II	ASWG22	7	0.131	-
Kherapara	78K3A2	6	-	0.549
Dalu	MLWG25	22	0.027	-
Purkhasia	78K3A1	27	0.084	-
Asanang	78K2B1	35	-	0.086
Baljek	ASWG17	33	0.023	-
Rongram	ASWG18	35	0.061	-
Snalgre	MLWG23	22	-	0.094
Damjongre	MLWG21	22	-	0.055
Nidanpur	78K1A3	27	0.003	-
Nidanpur II	ASWG19	11	-	0.067
Phulbari	78K1A1	36	0.066	-
Rajabala	ASWG26	27	0.003	-
Salsella	MLWG22	24	0.13	-
Belguri	ASWG21	32	-	0.101
Phutamati	ASWG20	35	0.028	-
Tikrikilla	78K1A2	35	0.591	-
West Jaintia Hills				
Dauki	83C4A1	38	0.114	-
Diet Thadlaskien	MLWJ01	8	0.797	-
Jowai	83C3A1	37	0.045	-
West Khasi Hills				
Mairang N	MLWK02	16	0.024	-
Nongdaju	MLWK01	6	0.46	-
Mairang	78O2C1	21	0.001	-
Nagaland				
Dimapur				
3 Mile Bazar	NLDM19	21	0.531	-
7th Mile Colony	NLDM21	30	0.073	-
Bade Bazar	NLDM25	24	0.196	-
Bamunpukri-1	83G9GM16	9	-	0.098
Chumkidima	83G1D1	33	-	0.008
DGM Colony	83G1C8	20	1.158	-
Dgmofficedimapur	83G13GM10	13	-	2.322
Dhansiripar	83G1C5	22	0.222	-
Diphupar	NLDM22	30	0.014	-
Doyabur DMC	NLDM12	28	0.266	-
Industrial Estate	83G1C7	22	0.111	-
Kacharigaon	NLDM26	9	-	0.028
Maibiram	NLDM13	27	0.427	-

District/Station	Well No.	No. of Data	Rise	Fall
Marwari Colony	83G1C9	26	-	0.028
Purana Bazar	83G1C10	22	0.294	-
Rilayan Colony	NLDM24	25	0.74	-
Seirujha Colony	83G9GM11	34	1.216	-
Singrijan	83G1C6	35	-	0.003
Thilaxu Block-II	NLDM16	28	-	0.09
Urra Bazar	NLDM14	15	0.197	-
Wildlife Office Dimapur	83G1C2	19	1.383	-
Zakesatho Colony	NLDM23	29	0.336	-
Zion Hospital	NLDM18	8	0.11	-
Kohima				
Cathedral Complex	83K2A1	21	0.014	-
NLSA Complex	83K2A2	21	0.076	-
Sepfuzou Colony	83K2A3	21	0.809	-
Mokokchang				
Lampi	83J3B1	20	0.056	-
Mon				
Mon Town	83N2GM14	20	0.609	-
Namsa	83J1D1	20	0.258	-
Peren				
Jalukie	83G2C1	20	0.646	-
Phek				
Phek Town	83K6GM13	20	0.276	-
Tuensang				
Tuensang	83J16GM12	19	-	0.51
Wokha				
New Market	83J4B2	20	0.837	-
Tourist Lodge	83J4B1	20	0.283	-
Wokha Town	83N2GM15	10	-	0.501
Tripura				
Dhalai				
Chawmanu	TRDL13	14	0.107	-
Durga Cherra	TRDL09	13	-	0.013
J.m. Complex ChailengtaTRDL12	10	0.262	-	2.388
Kali Kumar Para	TRDL10	12	0.037	-
Kamalpur	78P4D1	37	0.039	-
Kulai	TRDL 08	14	-	0.072
Lalchari	TRDL03	14	-	0.106
Nunacherra	TRDL11	14	-	0.28
Ambassa	79M1D1	7	-	0.794
Ambassa N	TRDL06	32	-	0.94
Darlang Basti	TRDL02	26	-	0.104
Durga Chowmuhani	TRDL01	31	0.1	-

District/Station	Well No.	No. of Data	Rise	Fall
Manu	78P4D3	5	0.156	-
Manu N	TRDL05	33	0.057	-
Sindhu Kumar	TRDL07	26	-	0.003
Abhanga N	TRDL04	35	-	0.002
Gomati				
Amarpur	TRST05	30	-	0.1
Ampi Colony	TRST07	20	0.671	-
Bampur	TRST 06	37	-	0.019
Dewanbari	TRGM04	17	-	0.137
Dhawajnagar Udaipur	79M2B8	39	0.007	-
Garjee Bazar	79M3B4	38	0.106	-
Jatanbari	TRGM01	26	-	0.226
Joingkami	TRGM03	16	-	0.319
Kankraban	TRST12	37	0.014	-
Naobari	TRST04	17	0.174	-
Noabari-2	TRGM02	17	0.079	-
Ompi Colony	TRGM	7	-	0.351
Twidu	TRGM06	8	0.048	-
Khowai				
Chakmaghat Ew	TRWT02	19	-	0.096
Chakmaghat Ow	TRWT03	18	-	0.109
Kathalbari	TRKH05	11	0.26	-
Totabari Ew	TRKH02	17	0.007	-
Kalyanpur	79M1C2	40	-	0.03
Bagan Bazar	TRWT33	17	0.339	-
Khowai	78P4C5	40	-	0.008
45miles	TRKH01	25	0.064	-
Tuimadhu	TRWT37	37	-	0.025
Paschim Howaibari	TRWT34	37	0.058	-
North Tripura				
Ananda Bazar	TRNT29	15	-	0.025
Dataram	TRNT30	13	0.184	-
Kanchanpur	84A1A1	35	0.111	-
Kanchanpur Court Ow	TRNT01	16	-	0.236
Khedacherra	TRNT28	13	-	0.003
Narendra Nagar	TRNT26	15	0.176	-
Rajnagar New	TRNT32	13	-	0.393
Sabual	TRNT31	12	0.142	-
Sanicherra	TRNT24	26	0.342	-
Satnala	TRNT16	31	0.011	-
Bagbasa N	TRNT10	35	0.001	-
Baghbassa	83D3A3	5	0.149	-
Churaibari	TRNT23	26	-	0.133
Dharmanagar	83D3B2	39	0.014	-
Lalchhara	TRNT22	25	0.116	-

District/Station	Well No.	No. of Data	Rise	Fall
Laljuri	TRNT15	33	-	0.017
Naba Joypara (natun	TRNT20	26	0.083	-
Deocherra	TRNT25	26	-	0.129
Kunjanagar	TRNT21	25	0.047	-
Panisagar	83D4A1	38	-	0.014
Krishnapur	TRNT19	25	-	0.127
Rajnagar	TRNT13	24	0.073	-
Sipahi-jala				
Bishalgarh	79M2B1	15	-	0.021
Dakshin Kalamcherra	TRWT04A	37	0.057	-
Golaghati	TRSJ01	25	0.037	-
Gongrai	TRWT36	37	0.014	-
Kathalia bazar	79M3B5	39	-	0.017
Kenania	79M2A2	23	0.174	-
Konaban Sc Colony	TRSJ05	10	0.142	-
Lalmaibari	TRSJ03	17	0.139	-
Rajib Nagar	TRSJ06	7	0.163	-
Shivnagar	TRSJ02	17	-	0.135
Sonamura	79M3B1	10	0.007	-
Sonamura1	79M3B6	15	0.347	-
Tufaniamura	TRWT35	36	-	0.002
South Tripura				
Amli Ghat	TRST35	16	-	0.562
Anandabandu Para	TRST42	19	-	0.015
Baishanbpur	TRST30	20	-	0.314
Bankul Mahamani	TRST	6	-	0.039
Barkashari	TRST44	12	0.169	-
Bijaynagar	TRST32	18	-	0.077
Chatakchari	TRST40	11	0.541	-
Gaurnagar Bazar	TRST 45	9	0.196	-
Ghorakhappa	TRST41	19	-	0.068
Kalirbazar	TRST29	20	0.075	-
Magroom	TRST31	20	-	0.131
Michara	TRST43	12	-	0.102
Motu Mogpara	TRST33	15	-	0.05
Poangbari	TRST37	20	-	0.36
Purba Takka	TRST38	19	-	0.206
Rajib Nagar Ew	TRST28	18	0.104	-
Santirbazar	79M3C1	5	0.848	-
Santirbazar Purba	TRST13	12	0.27	-
Shashi-chndrapur	TRST34	13	-	0.045
Srinagar	TRST36	20	0.047	-
Tuichama Ew	TRST26	17	0.304	-
Tuichama OW	TRST27	16	-	0.104

District/Station	Well No.	No. of Data	Rise	Fall
Gardhang	TRST11	23	-	0.004
Hrishyamukh	79M4C4	18	0.171	-
Jhajhari	TRST08	13	-	0.1
Kashari	TRST24	5	2.264	-
Manurmukh	TRST03A	38	0.054	-
Radhanagar	TRST15	31	0.02	-
Rajnagar	TRST14	34	0.045	-
Rangamura	TRST25	17	0.438	-
Kalachhara	TRST10	22	0.296	-
Manu Bazar	TRST 9	32	-	0.023
Sabroom	79M4C1	39	0.079	-
Unakoti				
Dumdum	TRUK02	16	-	0.102
Kanchanbari	TRUK01	14	0.063	-
Panchamnagar	TRNT17	30	-	0.061
Gauranagar N	TRNT11	39	0.054	-
Jarutali	TRNT27	25	0.24	-
Chandramanikami	TRNT18	31	-	0.011
Kanchanchhera	TRNT12	36	-	0.03
Kumarghat	83D4A6	38	-	0.164
Karaicherra	TRNT14	33	-	0.281
Pecharthal	83D4A7	39	-	0.115
West Tripura				
A D Nagar	TRWT 43	10	0.382	-
Gamcha Kobra Market	TRWT44	11	0.017	-
Madhuban	TRWT43	10	0.271	-
Narsinghgarh DTW	TRWT28	35	-	0.087
Pukua Bari	TRWT45	8	-	0.291
R.k Nagar	TRWT46	10	-	0.05
Sadhupara	TRWT47	6	0.275	-
Sipoyjala	79M2B7	7	0.176	-
Terapur	TRWT41	16	0.176	-
Badharghat DTW	TRWT25	32	0.042	-
East Narayanpur	TRWT40	5	-	0.924
Lichubagan STW	TRWT22	19	0.24	-
Khumulwng	TRWT42	15	0.162	-
Suryamaninagar DTW	TRWT23	12	0.209	-
Suryamaninagar STW	TRWT24	11	0.373	-
Subalsingh	TRWT32	25	0.204	-
Chamapnagar1	TRWT39	13	0.491	-
Champaknagar	79M1B6	6	0.564	-
Nagicherra1	TRWT29	34	0.058	-
Nagicherra2	TRWT30	28	0.56	-
Bodhjanagar Dtw	TRWT19	35	0.032	-

District/Station	Well No.	No. of Data	Rise	Fall
Bodhjanagar Stw	TRWT20	32	0.436	-
Ishanpur	TRWT31	36	0.029	-
Mohanpur	79M1B5	10	0.013	-
Mohanpur2	TRWT38	15	0.072	-
Simna	78P4B1	40	0.064	-