GROUND WATER YEAR BOOK
2015-2016
भू-जल वार्षिक पत्रिका
२०१५-१६

CENTRAL GROUND WATER BOARD
केंद्रीय भूमिजल बोर्ड
MINISTRY OF WATER RESOURCES, RD & GJ
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GOVERNMENT OF INDIA
भारत सरकार
NORTH EASTERN REGION
उत्तरपूर्वीक्षेत्र
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FOREWORD

Ground water is a dynamic and replenishable resource and monitoring special 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 has decided to issue a Ground Water Year Book annually for each State by compiling the hydrogeological, 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 678 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 hydrogeological units in the States, i.e. 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 area, possible ground water pollution hazards, area 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 the maps depicting the ground water scenario for the period of measurement are presented and explained in this report.

The water level data of Ground Water Monitoring Wells in the States have been effectively compiled, analyzed and presented in this report by D.Rabha Sc-B, Wonjano Mozhui Sc-B, Anenue Pienyu AHG and G.Vengatajalapathi STA. The scientific officers of the Regional Office have systematically collected field data from the GWMSs four times a year viz. March, August, November and January. The sincere efforts of Sri P. Kalita, 'Superintending Hydrogeologist' in overall supervision of the work, in scrutiny, processing and issuance are gratefully acknowledged.

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

Guwahati **(Dr. UTPAL GOGOI)**
30th September, 2016 **Regional Director**

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NORTH EASTERN REGION
2015-2016 CONTENTS

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EXECUTIVE SUMMARY

North Eastern Region covers seven states namely Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura occupying an area of 2,55,083 sq. km. The Region is mostly occupied by hilly terrain and only 77,068 sq. km. is occupied by valley area, which forms 30% of the total area. In different hydrogeological formations of the Region, 678 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 2016 there are 602 dug wells and 76 piezometers in the region, which are being monitored four times a year i.e. during March 1st to 10th (This is the pre-monsoon water level and the water level as it stands at the end of the ground water year after all the inputs and outputs have taken place. In other words it is the resultant ultimate/lowest water level), August 20th to 30th (this water level marks the peak of the water level hydrograph), November 1st to 10th(this is the post monsoon water level and the water level as it stands after the major portion of rainfall recharge has taken place), and January 1st to 10th. Water samples are being collected for chemical analysis during Pre-monsoon i.e. in the month of March when concentrations of different chemical constituents are expected to be maximum.

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

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

Ground Water Monitoring Wells are distributed in three river basins, viz. Brahmaputra (530), Meghna (123), and Imphal (25).

In unconsolidated formations 583 GWMWs are located, while in semi-consolidated formations and consolidated formations 67 and 28 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.

Hydrogeologicaly, 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, 2015 % of wells**	**August, 2015 % of wells**	**November, 2015 % of wells**	**January, 2016 % of wells**
0 – 2	11.4	66.2	37.1	21.8
2 – 5	59.6	25	51.5	58.8
5 – 10	23.6	4.5	7.9	14.1
10 – 20	3.5	2.6	2.3	3.3
>20	2	1.7	1.2	2.0

Water level fluctuation of GWMWs during August'15, November'15 and January'16 with respect to Pre-monsoon (March'15) data show that there is a

- Rise in water level in August 2015 in 97.3% wells.
- Rise in water level in November 2015 in 89.2% wells.
- Rise in water level in January, 2016 in 78.2% wells

Comparison of water levels of GWMWs during March'15, August'15, November'15 and January' 16, with respect to the same month during the previous year shows that there is

- Rise in water level in March 2015 in 45.3% wells.
- Rise in water level in August 2015 in 52% wells.
- Rise in water level in November 2015 in 60.5% wells.
- Rise in water level in January 2016 in 59.5% wells.

Comparison of mean water level of the previous decade to the water level for the same period during 2015-16 shows that-

- During August 2015, rise is recorded in 66.8% GWMWs, as compared to decadal mean (August 2005-August'14).
- During November 2015, rise is recorded in 61.1% GWMWs, as compared to decadal mean (November 2005-November'14).
- During January 2016, rise is recorded 59.1% GWMWs, as compared to decadal mean (January 2006-January'15).

Trend analysis of Post-monsoon water level data of last ten years i.e.2006-2015; falling trend record in 55.5% stations and rising trend in 44.6% stations.

During pre-monsoon period (March 2015), 11.32% (52/459) stations show water logging condition, whereas 19.60% (90/459) stations shows prone to water logging condition. During post monsoon period (November 2015) 37% (160/432) stations show water logging condition and 25.7% (111/432) stations show 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. In general, the quality of ground water, in the North Eastern States is good for both irrigation and drinking purposes. In some areas of Assam, the concentration of Fluoride and Arsenic was also observed beyond permissible limit of BIS (2012). However, concentration of iron exceeds the permissible limit of drinking water standards in all the North-Eastern states. The water samples are collected from open wells only. Higher concentrations of iron are also noticed in tube wells in different parts of North Eastern States.

As per 2011 resources estimation the region is enriched with more than 38.49 BCM of replenishable ground water resources and the stage of development is less than 35%. If it is planned properly this huge resource can be harnessed to develop the agro-economic scenario of the region. However, for the hilly terrain (about 70% of the total geographical area) where ground water is not sufficient, further development of spring water and rain water harvesting may be taken up.

GROUND WATER YEAR BOOK
NORTH EASTERN REGION 2015-2016

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 70% of the total geographical area. The State-wise distributions of hilly and plain areas are given in Table-1.1. The region has two principal drainage systems viz. Brahmaputra and Meghna (Fig-2). Both the drainage systems join together and drain into Bangladesh. There are two sub-ordinate drainage systems in the region i.e. Chindwin and Kaladan. Even though, the region receives highest rainfall in the country and it experiences high flood during monsoon, there is acute shortage of drinking water in many hilly terrains such as Cherrapunji, in Meghalaya which is the second wettest place in the world. Despite endowed with one-third of water resource potential in the country, the agro-economic condition of the region is poor, as only a negligible amount of ground water resource (about 35%) has been utilized so far. Harnessing this enormous resource with proper planning and management can uplift the agro-economic scenario of the region.

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

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

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

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

As on 31st January, 2016, there are 678 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

S.No	Name of State / District	No. of Ground water Monitoring Stations (As on Jan.2016)		
		DW	PZ	Total
	Arunachal Pradesh			
1	Changlang	4	0	4
2	East Siang	9	0	9
3	Lohit	1	0	1
4	Lower Subansiri	3	0	3
5	Papumpare	9	0	9
6	Tirap	4	0	4
	Total	**30**	**0**	**30**
	Assam			
7	Baksha	2	0	2
8	Barpeta	10	3	13
9	Bongaigaon	11	0	11
10	Cachar	21	4	25
11	Darrang	25	3	28
12	Dhemaji	16	4	20
13	Dhubri	14	2	16
14	Dibrugarh	8	4	12
15	Goalpara	19	1	20
16	Golaghat	13	0	13
17	Hailakandi	4	1	5
18	Jorhat	27	0	27
19	Kamrup	21	1	22
20	Kamrup Metro	20	0	20
21	Karbi Anglong	45	0	45
22	Karimganj	10	2	12
23	Kokrajhar	17	0	17

24	Lakhimpur	26	1	27
25	Morigaon	18	6	24
26	Nagaon	33	4	37
27	Nalbari	8	1	9
28	Sibsagar	13	0	13
29	Sonitpur	27	2	29
30	Tinsukia	14	0	14
	Total	**422**	**39**	**461**
	Manipur			
31	Bishnupur	1	1	2
32	Chandel	3	0	3
33	Churachandpur	1	2	3
34	Imphal East	2	0	2
35	Imphal West	4	1	5
36	Senapati	1	0	1
37	Tamenglong	0	1	1
38	Thoubal	2	6	8
	Total	**14**	**11**	**25**
	Meghalaya			
39	East Garo Hills	16	0	16
40	East Khasi Hills	9	0	9
41	Jaintia hills	2	0	2
42	Ri-Bhoi	3	1	4
43	South Garo Hills	5	0	5
44	West Garo Hills	21	4	25
45	West Khasi Hills	1	0	1
	Total	**57**	**5**	**62**
	Nagaland			
46	Dimapur	17	6	23
47	Kohima	2	1	3
48	Mokokchung	0	1	1
49	Mon	1	1	2
50	Phek	0	1	1
51	Tuensang	0	1	1
52	Wokha	2	1	3
	Total	**22**	**12**	**34**
	Tripura			
53	Dhalai	6	0	6
54	North Tripura	14	0	14
55	South Tripura	18	0	18
56	West Tripura	19	9	28
	Total	**57**	**9**	**66**
	Grand Total	602	76	678

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 2015-2016. The GWMS in Nagaland and Manipur States and a few districts of Assam could not be monitored regularly due to deterioration of law and order situation. There is no existing GWMS in Mizoram State. In Arunachal Pradesh, there are only 30 monitoring stations and those are restricted along the southern boundary of the state adjacent to Assam.

2. DISTRIBUTION OF GROUND WATER MONITORING WELLS

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

2.1. Distribution of Ground Water Monitoring Wells as per lithology

About 85.98% of the total Network Wells are located in the Unconsolidated Formation, 9.88% of the Wells are located in the Semi-consolidated Formations and the remaining 4.12% are in the Consolidated Formations. The lithology-wise distribution of the Network Wells is given in Table 2.1.

Table 2.1Distribution of GWMW in different Hydrogeological Units:

Sl. No.	State	No. of GWMS			
		Unconsolidated Formations	Semi-consolidated Formations	Consolidated Formations	Total
1	Arunachal Pradesh	29	1	Nil	30
2	Assam	439	13	9	461
3	Manipur	12	13	Nil	25
4	Meghalaya	20	23	19	62
5	Nagaland	26	8	Nil	34
6	Tripura	57	9	Nil	66
	Total	583	67	28	678

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 78.17% (530) of the Network Wells are located in this Basin. In Meghna Basin, about 18.14% (123) of the Wells are located and the remaining 3.68% (25) Wells are located in the Imphal Basin. The Kaladan Basin forms the southernmost parts of Mizoram there is no Network Well located in this basin. The distribution of GWMW in different Basins and Sub-basins are shown in Table – 2.2.

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

S. No.	Basin/ Sub-basin	District / (No.of GWMS)	Total
BRAHMAPUTRA			
1.	Champamati	Dhubri (15) , Kokrajhar (14)	**29**
2.	Manas	Barpeta (13), Bongaigaon (11), Kokrajhar (3) Nalbari (6) Baksa (2)	**35**
3.	Mora Dhansiri	Darrang (28), Kamrup (22), Nalbari (3), Sonitpur (9)	**62**
4.	Kameng	Sonitpur (3)	**3**
5.	Badeng Pabnai	Lakhimpur (3), Sonitpur (17)	**20**
6.	Subansiri	Papumpare (9), Dhemaji (5), Lakhimpur (24) **Lower Subansiri (3)**	**41**
7.	Siang	East Siang (9), Dhemaji (15)	**24**
8.	Lohit	Changlang (2), Lohit (1)	**3**
9.	Dibru	Dibrugarh (6), Tinsukia (10)	**16**
10.	Burhi Dihing	Changlang (2), Tirap (1), Dibrugarh (5), Tinsukia (4)	**12**
11.	Disang	Tirap (3), Dibrugarh (1), Golaghat (3), Jorhat (27), Sibsagar (13), Mon (2), Mokokchung (1), Nagaon (2)	**52**
12.	Dhansiri	Dimapur(21),Golaghat (10), Karbi Anglong (17), Kohima (3),Wokha (3), Phek(1), Tuensang (1)	**56**
13.	Kalang- Kopili	Kamrup (3), Karbi Anglong (28), Morigaon (24), Nagaon (35), East Khasi (7), Ri-Bhoi (2), Dimapur (2)	101
14.	Kulsi – Jinjinram	Dhubri(1), Goalpara (20), Kamrup (17), East Garo(11), Ri-Bhoi (2), West Garo (24), West Khasi (1)	**76**
IMPHAL			
1.	Imphal	Bishnupur (2), Chandel (2), Churachandpur (3), Tamenglong (1) Imphal East (2), Imphal West (5), Senapati (1), Thoubal (8)	**24**
2.	Tuyungbi	Chandel (1),	**1**
MEGHNA			
1.	Soneswari –	East Garo (5), East Khasi (2), Jaintia (2), South Garo Hills (5), West Garo Hills (1)	**15**
2.	Barak	Cachar(25),Dhalai(6),Hailakandi(5),Karimganj(12), North Tripura (14), West Tripura (21)	**83**
3.	Gumti	South Tripura (1), West Tripura (7)	**8**
4.	Fenny	South Tripura (17)	**17**

Total = 678

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 11873 mm annual precipitation in the world. This is because of its peculiar geographical location. From March to May, the region comes under the influence of equatorial Westerlies and receives precipitation with occasional thundershowers.

The average monthly / annual rainfall of three years (2011-2013) recorded in different stations of the region 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 3.1 Rainfall data (2011-2013)

State / District	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
ARUNACHAL PRADESH													
CHANGLANG	2011	0	0	0	0	87.1	536.3	423.7	151.7	152.8	39.1	8.5	0
	2012	36.2	14.9	-	-	46.2	372	537.8	308.9	308.2	166.6	3.9	16
	2013	3.6	14.6	85.4	203.6	253.7	269.5	356	299.1	205.9	153.1	0	1.9
DIBANGVALLEY	2012	113	181	459	429	214	651	264	202	383	113	3.3	90
	2013	57	81	185	233	471	127	123	64	293	295	22	8.5
EAST KAMENG	2011	0	0	55.9	6.3	36.4	123.9	437.8	163.5	254.8	9.8	2	0
	2012	15.5	4	1	119.3	86.1	271.8	346.2	82.6	156.4	61.6	27	1.2
	2013	0	19.6	25.9	57.3	157.1	300.1	248.2	164.4	199.9	75.3	0	17
EAST SIANG	2011	65.2	32.1	291.7	158.8	295.9	415	763.3	379.6	348.6	19.9	2.7	70.4
	2012	69.2	39.3	120.7	300.9	460.2	1111.1	1628	479.6	1549. 4	611.6	0	24
	2013	9.2	23.4	90	132.7	325.6	533.4	1093. 9	454	442.8	246.9	0	4.5
LOHIT	2011	43.6	23.8	338.1	152.1	152.7	404.5	452.1	204.6	245.3	53.9	3.8	20.5
	2012	21.4	14.8	134	564.8	158	563.8	731.3	323.1	793.3	237.3	-	13.9
	2013	16.6	21.6	152.3	304.3	467.4	306.6	482.7	309.4	270.5	130.3	5.3	1.2

State / District	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
LOWER SUBANSIRI	2011	2.8	8	79	32.8	125.2	171.4	204.1	157	85	17	45	7
	2012	26	10	53	123	78	181	129	109	219	43	17.6	0
	2013	0	-	109.6	61	78	26.2	34.2	102.6	-	-	-	15
PAPUMPARE	2011	9.5	27.4	139	182.9	375.6	460.6	1029.6	603.3	242.3	73.1	5.7	8.9
	2012	19.1	5.5	42.7	240.8	291.7	884.7	728.2	482.6	487.8	315.1	8	38.3
	2013	7.4	13.2	135.2	170.7	417.1	324.6	578	401.4	358.4	150.1	0.9	3.4
TAWANG	2011	0				243.4	226	338.3	182	181	39	62.1	2
	2012	21	23	114	377	154.6	256	291	296	369.7	27	23.5	8
	2013	1	40	174	353	356	161	396	270.4	183.3	124	50.5	17
TIRAP	2011	33.6	26	84.4	109.3	104.6	328.6	380	239.9	239.8	91.4	7.6	2.8
	2012	58.4	13.4	64.8	373	266.7	381.7	685.9	329.1	235.5	131.5	0	23.2
	2013	6.6	6.6	109	234.3	320.2	390.6	613.4	511	159.2	182.4	0	0.5
UPPER SIANG	2011	163.9	238.8	229	702.5	245.4	604.2	853.8	231.6	728.8	146.3	32.2	22.2
	2012	178.6	144.4	206.2	800.3	520.5	1096.9	917.5	450.2	794.1	288.4	73.3	111.8
	2013	66.2	76.8	195	324	697.7	438.6	536	191.2	800.8	175.8	50.2	14.9
UPPER SUBANSIRI	2011	21	10.6	158.4	152.6	131.4	280.2	354.8	265.8	125.4	22.8	13.2	24.6
	2012	22	0		190.2	87	204.6	169.2	297.2	219.8	88.4	5.4	26
	2013	7.7	26.6	52.4	141.6	302	225.2	246.8	79.3	70.6	67.8	20.8	32.1
WEST KAMENG	2011	9.9	28.2	51.9	44.7	249.3	294.5	616.5	365.7	313.7	42.9	10	3
	2012	29.2	3	11.6	138.6	87.1	348.3	299.7	404.8	440.5	130.9	0	13.6
	2013	0.3	56.7	52.6	106	268.8	334.8	216.6	410	329.6	114.1	0.2	34.6
WEST SIANG	2011	111.3	20.1	218.4	96.3	198.4	349.9	866.4	28.2				0
	2012	0	4	109	139	139	423	368	306	435.5	255	29	25
	2013	17	31	120	163.1	339.9	410.9	362.8	184.2	279.2	97.4	7	13.7
ASSAM													
BAKSHA	2012	0		13.9	268.3	205.5	955.9	536.6	146.1	400.5	187.8	15.2	19.2
	2013	1	8.9	48	127.8	244.6	299.3	240	187.7	242	78.5	0	10.3
BARPETA	2011	2.7	8.9	140.7	67.2	301.1	455.7	424.3	323.4	253	6.9	17.2	0
	2012	8.1	15.9	3	288.5	211.7	1107.9	496.7	223.3	446.3	177.8	0	0.7
	2013	0	12.8	18.3	134.2	356.2	293.9	494.6	248.3	498.5	121.8	5.8	0.5
BONGAIGAON	2011	1	10.4	119.4	47.6	219.2	258.2	412.6	370.6	241.1	66	35.6	0
	2012	3.8	22.8	0.7	373.7	269.5	1354.1	667.6	211.5	564.1	224.5	2.4	0
	2013	0	8.6	21.7	100.7	498.4	248.8	473.5	267.2	469.4	187	0	0

State / District	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
CACHAR	2011	14.1	12.2	73.8	114.2	454.2	398.5	480.1	383.5	281	87.3	0	0.1
	2012	18.1	8.1	121.9	589.7	243.7	689.4	353.9	493.9	329.9	146.5	74.6	0
	2013	0	3	74	139.2	661	256.8	496.7	518	222.4	183.7	0	1.3
CHIRANG	2011	3.8	4	130.8	64.8	291.8	239.2	623.4	448.2	80.4	8.6	10	0
	2012	10.8	12	1.4	340.6	253.8	1396.8	819.2	182.3	586.7	148.6	0.7	1
	2013	0	13.7	15.4	159.4	322.1	330.3	464	182	506.1	158.5	0	0.1
DHEMAJI	2012	0		32	43	423	338	576	366	587	115	4	14
	2013	8		84	122	259	290	458	317	189	60	0	3
DHUBRI	2011	7.3	22.3	135.2	69.1	267	389.2	273.2	387.2	228.4	9	5.6	0.6
	2012	6	14.8	0.5	138.2	199.2	1040.3	360	282.5	467.1	222.9	0	0
	2013	0	8.7	6.4	114.5	266	358.7	183.2	280.8	175.6	112.2	7.4	0
DIBRUGARH	2011	14.5	12.8	168.9	145.5	126	297.2	463.4	280.6	267.6	64.9	2.3	20
	2012	15.6	5.4	40.7	322.1	261.5	421.3	474.3	286.7	404.5	130.9	6.6	13
	2013	8.3	3.1	114.2	215.5	413.1	331.9	457.2	413.3	220.8	171.8	0	3.7
GOALPARA	2011	14.6	0	80.7	41.7	252.4	407.2	395.6	231.8	149.9	25.6	31.5	0
	2012	6	12	2.7	130.7	145.1	797.9	370.9	109.9	317.8	144.5	0	0
	2013	0	11.8	22.2	242.9	531.2	467.1	208.5	234.4	197.1	94.6	2	0
GOLAGHAT	2011	14.1	3	63.2	61.9	308.3	231.6	490.1	201.9	135.2	29.7	4.1	2.1
	2012	17.8	10.1	10.6	213.7	148	273.4	216.8	254.3	244.4	60.6	0.1	1.5
	2013	0	10.3	76.7	62.6	237.8	137.1	262.7	327.9	124.6	143.3	0	6.7
HAILAKANDI	2011	8	3.5	24	46.1	262.8	147.3	313.6	239.7	136.5	46.6	0	0
	2012	12.8	8.8	33	336.2	129.5	315.1	187.2	329.4	292.6	190	31.4	0
	2013	0	3.5	4.9	80.2	605.9	82.6	427.2	467.3	152.2	168.1	0	1.6
JORHAT	2011	14.7	23.3	76.4	55.1	448.3	247.6	413.1	288.1	167.5	17.8	9.9	14.9
	2012	9.7	5.2	12.4	261.6	133.6	209.7	394.8	242.9	225.5	63.8	1.1	7.4
	2013	1.6	9.2	66.7	125.8	319.8	295.7	492.5	359.3	87.9	145.8	0	1.5
KAMRUP	2011	9.3	23.4	53.6	101.4	224.5	88.4	373.4	204	255.5	0.3	15.3	1.3
	2012	5.2	7.6	23.3	382.2	181.4	396.4	343.7	309.7	180.2	57.7	0.2	4.7
	2013	0	13.5	48.2	124	227.4	209.8	190.2	287.1	210.7	114.3	0	2.9
KAMRUP METRO	2011	14.6	14.6	142.3	23.5	112.1	169.1	130.7	217.5	145.4	10.7	0	0
	2012	13.3	0.9	2.9	177.2	164.4	642.7	286.9	166	90.4	77.1	0	0
	2013	0	9.2	15.9	80.7	279.7	223.9	185.3	116.1	116.6	148.9	0	0.5
KARBI ANGLONG	2011	7.6	12	43.4	41.3	55.1	260.3	207.3	144.5	49.2	23.3	0.2	0
	2012	3	0	0.1	107.9	64.2	246.4	131.4	159.5	167.8	142	8.2	0
	2013	0	4	42.3	68.2	244.9	226.3	255.4	129.9	202.2	78.6	0	0.5

State / District	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
KARIMGANJ	2011	9.9	0	35.3	28.5	174.9	345.4	498.5	508.4	195.4	94.2	0	0
	2012	6.5	1	35	257.9	230.6	788.9	428.9	494.6	295	242	31.7	0
	2013	0	5.2	28.6	86.5	489.9	325.5	452.3	504.1	289.2	156.2	0	0
KOKRAJHAR	2011	3	9	188	136.3	357.7	411.9	812	472.6	257.8	19	7.8	0
	2012	3.1	19.5	4.4	238.4	231.9	1507.2	670.3	261.3	632.1	237.4	0	0
	2013	0	18.9	9.4	169.1	442.7	388	663	408.4	571.3	207.9	0	0
LAKHIMPUR	2011	6.6	10.5	188.1	132.7	299.5	439.2	940.6	403.9	389.5	15.3	4.6	6.3
	2012	11.4	3.2	29.9	243.2	295.7	575.2	536.6	369	454.8	190.5	11	14.5
	2013	5.6	8.2	76.6	92.4	329.7	402.4	614.7	492.8	223.9	111.2	2.1	6
MORIGAON	2011	10.2	9.6	30.8	42.2	208.1	207.2	369.9	221	89.6	56.8	6.6	0
	2012	23.9	0	14.8	182.3	106.6	266.8	274	241.2	251.6	56.4	0	0
	2013	0	8.2	24.8	58	224.2	277	394.4	307	173.2	97	0	1.6
NALBARI	2011	11.3	16.1	136	79.4	246.8	203.6	313.1	276.9	212.6	8.8	4.7	0
	2012	1.6	9.8	12	268.9	199.3	987	236	156.9	265.5	85.9	0.3	1.3
	2013	0	11.1	27.3	124.5	290.5	251.5	257.4	227.5	190.2	142	2	1.8
NC HILLS	2011	0	8.2	54.6	62.9	215.1	75	253.4	197.6	88.6	21.1	0	0
	2012	3.1	0	30.5	76.9	42.6	1428.5	790.5	77.9	264.7	250.9	47.3	0
	2013	0	12.4	80.6	104.5	473.5	134.6	277	219.4	197.9	91.8	0	0
NAGAON	2011	9.8	3.4	31.6	25.7	200.2	243.2	240	221.9	115.3	35.3	0.7	0.4
	2012	9.5	0	12.4	107.5	80.6	184.6	264.5	199.5	213.2	168.5	5.2	0
SIBSAGAR	2011	0	0	0		129	186.7	500.3	201	406.8	52.5	6.7	2
	2012	22.7	4.1	37.8	347.6	176.3	208.2	324.3	285.3	205.4	45.3	0.1	4.4
	2013	1.5	7.7	91.9	110.7	326.8	175.7	416.8	390.8	112.6	103.9	0	7.1
SONITPUR	2011	7.3	7.2	118.8	82	255.9	246	398	320.1	171.4	15.9	79.9	0.2
	2012	6.3	3.3	28.6	254.5	216	571.9	298.2	253.6	253.9	163.5	5.8	1.5
TINSUKIA	2011	34.1	14.3	160.5	148	214.9	273.9	329.6	224.8	330.2	35.5	3.9	9.3
	2012	23.1	6.8	29.9	304.7	216.5	417.3	488	329.7	636.5	187.1	6.2	17.8
	2013	8.9	4.5	141.5	246	335	289	424	298.4	199.3	176.6	0.4	2.2
UDALGURI	2011	35.4	8	23.7	79.4	172.6	245	172.2	206.7	214.3	22.2	6.4	0
	2012	0	1.2	29.2	247.6	215.4	856.4	269.3	387.4	518	195.4	9.8	3.2
	2013	0	18	36.4	97.7	355.7	353.3	473.2	245.4	282.3	65.4	0	1.9
MANIPUR													
IMPHAL EAST	2011	25.1	2.3	45.5	35.6	299.2	332.5	287.1	302.9	126.4	27.4	0	0

State / District	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
	2012	19.6	0	56.8	158.7	93.2	311.9	270.8	246.3	272.3	137.4	80.8	0
	2013	0	1	29	103.7	376.2	137.9	275.9	313.8	250.1	75.9	0	1.3
THOUBAL	2013	0	3	26	112	298	119	268	229	112	71	0	3
UKHRUL	2013	0	2	30	47	230	163	59	0	189	128	0	0
MEGHALAYA													
EAST GARO HILLS	2011	0	29.1	191.4	69	460	533.4	424.6	550.1	329	30	0	0
	2012	4	0	0	70	85	929	853	149.5	423	176	6	0
EAST KHASI HILS	2011	6.3	33.5	882.6	179.7	492.8	1443.8	1056	1379.9	620.3	57.2	6	2.7
	2012	16.4	0	63.5	505.3	286.8	1367.6	2089. 5	874.3	957.8	355.9	16.2	0.3
	2013	0.3	19	16.4	275.1	864.2	1180.1	1223. 8	894.4	513.6	308.5	0	0.1
JAINTIA HILLS	2012	15	0	6	84	87.5	885.9	978.3	362	617.1	352.2	15.5	0
	2013	0	1	18.5	92.7	551	487	434	380.4	234.2	197	0	0
RI-BHOI	2011	1.2	17	57	110	320.1	512	276.7	292.2	343.3	105.2	102.9	17
	2012	26.2	0	1.9	122.1	153.7	283.1	256.2	401	274.2	225.4	28	0
	2013	0	14.2	47.2	137.3	336.9	305	212.9	394.9	166.6	105.9	0	0
SOUTH GARO HILLS	2012	0	0	0	7	16	580	592	560	217	222	6	2
	2013	0	6	2	73	267	30	36	34	338	124	0	7
WEST GARO HILLS	2011	0.2	0	40.4	36	169.6	319.9	324.2	391.2	15.2	17	24.5	0
	2012	2.8	13.6	0.5	39.9	87.6	572.9	340.3	264.5	326.6	154.5	0.2	0
	2013	0	1.8	10.2	127	396	385.6	153.1	211	265.4	61.4	10	0
WEST KHASI HILLS	2013	0	20	26	59	321	102	90	110	46	0	0	0
MIZORAM													
AIZWAL	2011	12	2.2	68.4	95.8	456.1	331.7	270.3	379.1	330	107.5	0	0
	2012	18.7	8.6	34.3	307.4	221.8	531.2	219.8	420.5	330.4	161.1	92	0
	2013	0	4	5.2	80.2	544.4	309.3	357.9	461.9	315.9	122.6	0	0
LAWNGTLAI	2012	0	0	93	171	119	723	333	464	420	186	13	0
	2013	0	5	0	111	396	340	341	306	417	57	1	0
LUNGLEI	2012	0	0	42	249	227	642	337	215	302	291.1	39	0
	2013	0	3	6	48	248	90	233	395	453	193	0	0
MAMIT	2012	38	0	13	264	22	457	150	364	201	131	17	0
	2013	0	5	3	13	343	172	228	41	399	83	0	0

State / District	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
SAIHA	2013	0	6	0	49.6	457	401.4	376	628	836	419.5	10.6	0
SERCHHIP	2012	0	0	68	184	148.5	378	373	26	4	115	30	0
	2013	0	2	2	51	405	177	143	220	79	85	0	0
NAGALAND													
DIMAPUR	2011	0	0	-	0	149	201	122	118	120	22	0	0
	2012	13.5	6	16	73	12.5	216.7	156	192	57.2	109.3	19.1	0
	2013	0	0	64.7	131.2	237.6	195	277.5	295.5	149	137.6	0	0
KEPHIRE	2012	0	1	10	67	49.5	123.4	188	227.2	30	61.3	19	0
	2013	0	3	15.3	30.4	11	88.9	223	108.4	100.1	54.2	0	1
KOHIMA	2011	8.9	5.2	43	34.3	211.6	164.2	199.6	153.5	215.1	27.4	0	0
	2012	22.6	6.8	29.1	48.6	101.4	242	242.7	173.3	141.1	93.3	30.6	0
	2013	0	17.2	54.7	81	283.3	247.6	391	265.5	178.3	99.5	0	1.9
MOKOKCHUNG	2012	0	0	42	219	98	269	498	386	246	62	8	0
	2013	1	21	86	178	431	163	76	79	229	96	0	5
PHEK		13	0	50.2	57.6	254	420.3	255.2	221.4	100.7	59.4	0	-
		8.2	0	13	113	78.9	396	360	336.4	201.5	80.9	21.7	0
		0	1.7	33.5	91.2	160.6	94.9	269.2	283.5	181.5	190.6	0	0
TRIPURA													
DHALAI	2011	1.3	7.9	14.6	34.2	328.3	364.4	150.8	149.5	188.6	9.5	0	0
	2012	3.7	5.2	13	91.8	132.3	442.7	160.2	247.6	156.3	219.2	30.5	0.3
	2013	0	4.3	11	114	686.7	150.2	208	414.8	171.4	107.5	0	1
NORTH TRIPURA	2011	13.6	12.4	70.1	100.1	562.7	422.9	500.6	317.7	229.9	37.2	0	0
	2012	12.4	8.8	22.9	370.2	288.4	656.8	177.2	331.3	222.3	201.1	48.5	0.2
	2013	0	4.4	3	107.2	846.8	328.3	337.6	440.7	197.6	157.3	0	12.6
SOUTH TRIPURA	2011	0.9	3.4	40	48.7	328.2	399.4	268.8	392.5	249.4	70.4	0	0
	2012	11.4	11.1	13.2	191.8	125.7	500.6	364.5	290.1	218.5	111.5	54.8	0.5
	2013	0	3.3	10.8	28.7	703.1	274.8	229.7	326.7	325.2	146.7	0	0.6
WEST TRIPURA	2011	1.2	1.7	55.5	50.3	409.9	407.8	228.1	341.9	169.7	63.7	0.3	0.1
	2012	17.7	1.7	11.4	221.5	148.5	478.4	256.7	296.4	145.4	133.8	50.4	0.6
	2013	1	7.6	7.8	85.2	594.2	244.5	178.8	233.1	284.6	176.8	0	3.6

4. GEOLOGY

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

Table – 4 Generalized Geological Successions in North Eastern India

Age	Group/ Formations	Lithology
Recent	Newer Alluvium	Clay, Silt, Sand as beds and lenses.~~~~~~~~~~~~~~~~~~~~~~~~ Unconformity ~~~~~~~~~~~~~~~~~~~~~~~~
Pleistocene	Older Alluvium	Clay, coarse Sand, Shingle, Gravel & Boulder deposits as beds and lenses.
		~~ Unconformity ~~~~~~~~~~~~~~~~~~~~~~~~
Pliocene	Dihing	Pebble beds, soft Sandy clay, conglomerate, Grit and Sandstone.
		~~ Unconformity ~~~~~~~~~~~~~~~~~~~~~~~~
Mio-Pliocene	Dupi Tila	Sandstone, Conglomerate. Mottled clay, Grit and
		~~ 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 flows	Basalt, and Lenses.Rhyoli te, acid Tuff as
		~~ 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 form the shield area which were unaffected by orogenic movements. The shield area is separated from the other tectonic provinces by deep fractures in all sides.

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

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

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

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

5. HYDROGEOLOGY

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

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

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

(b) Fissured Formations
    1. Consolidated Formations

5.1 Porous Formations

5.1.1 Unconsolidated Formations:

Unconsolidated Formations (Alluvium) occupy about 77,068 sq.km areas which are about 30% of the total area of the region and it covers mostly the plains of Brahmaputra valley and Barak valley of Assam. This Alluvial Formation comprises of Clay, Silt, Sands of various grain size and Gravel, etc. The foot-hill zone of Arunachal Pradesh comprises

Boulder, Pebble, Cobble, Gravel, Sand, Silt, Clay etc. known as 'Bhaber 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 Brahmaputra River. The foot-hill areas in northern and southern part form the recharge zone of ground water for the plain areas of Assam.

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

A total of 583 Ground Water Monitoring Stations are located in Unconsolidated Formations. During the water year 2015-2016, the range of pre- and post-monsoon water levels varied from 0.09 magl to 67.48 mbgl and 0.05 magl to 54.34 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 area 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, 67 GWM Stations are located. The pre- and postmonsoon water levels ranged from 0.58 to 25.54 mbgl and 0.02 to 24.75 mbgl respectively.

5.2 Fissured Formations

5.2.1 Consolidated Formation:

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

A total of 28 GWMS are located in consolidated formations. The range of water levels during pre- & post-monsoon varied from 0.81 to 14.65 mbgl and 0.08 to 16.5 mbgl respectively.

6. BEHAVIOUR OF WATER LEVEL DURING THE YEAR 2015-16

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 2015– 2016 are given in Annexure I and II.

i. Depth to water level maps

ii. Fluctuation of water level between Pre and Post monsoon.

iii. Fluctuation of water level in the current month with respect to that of the same month of the previous year.

iv. Fluctuation of water level in the current month with respect to the average of the preceding decade for the same month.

6.1 Depth to Water Level

6.1.1 Depth to Water level during March, 2015 (Fig. 5 and Annexure III)

Arunachal Pradesh

A significant part of Arunachal Pradesh is hilly and hence most of the monitoring stations are located along the southern boundary.

Monitoring of GWMS during the month of March 2015 indicates that 16.7% (4) of the monitored stations had water level within 0-2 mbgl, 41.7% (10) GWMS had water levels between 2-5 mbgl 25% (6) GWMS had water level between 5-10 mbgl and 16.7% (4) GWMS had water level between 10 and 20 mbgl. A minimum and maximum water level of 0.17 magl and 11.5 mbgl respectively were recorded at Papumpare district GWMS.

Assam

During the month of March 2015, 11.4% (35) of the monitored stations exhibited water levels within 0-2 mbgl, 65.5% (203) GWMS between 2-5 mbgl, 21.2% (66) GWMS between 5-10 mbgl and 1.9% (6) GWMS between 10 and 20 mbgl. The minimum and maximum water level 0.09 magl and 16.8 mbgl were recorded at Cachar and Dhubri district GWMS respectively.

Meghalaya

The Depth to water level measured during March 2015, indicates that the majority of the GWMS has water levels between 2-5 mbgl. Of the total monitored stations 17.5% (7) had water level within 0-2 mbgl, 70% (28) had water level between 2 - 5 mbgl and 12.5% (5) GWMS had water level between 5-10 mbgl. The minimum and maximum water level 0.53 mbgl and 8.45 mbgl were recorded at Ri-Bhoi and West Garo Hills district GWMS respectively.

Nagaland

Depth to water level measured during March 2015, showed that 14.3% (3) of the monitored stations had water level within 2-5 mbgl, 38.1% (8) GWMS had water levelsbetween 5-10 mbgl, 19% (4) GWMS had water level between 10-20 mbgl and 28.6% (6) of GWMS had water level >20 mbgl. The minimum and maximum water level of 3.52 mbgl and 30.25 mbgl were recorded at Kohima and Wokha district GWMS respectively.

Tripura

During the month of March 2015, 9.5% (6) of the monitored stations had water level within 0-2 mbgl, 46% (29) GWMS had water level between 2 - 5 mbgl, 36.5% (23) GWMS had water level between 5-10 mbgl and 3.2% (2) GWMS had water level between 10-20 mbgl and 4.8% (3) of GWMS had water level >20 mbgl. The minimum and maximum water levels of 0.48 mbgl and 29.5 mbgl were recorded at North Tripura and West Tripura district GWMS respectively.

6.1.2 Depth to Water level during August, 2015 (Fig. 6 and Annexure IV)

Arunachal Pradesh

Water level monitored during the month of August 2015 showed that 78.2% (18) of the monitored stations had water level within 0-2 mbgl, 17.4% (4) GWMS had water level between 2-5 mbgl and 4.4% (1) GWMS had water level between 10-20 mbgl. Minimum and maximum water levels of 0.55 magl and 10.72 mbgl recorded at Papumpare district GWMS.

Assam

During the month of August 2015, 75.8% (235) of the monitored stations had water level within 0-2 mbgl, 19% (59) GWMS had water level between 2-5 mbgl, 3.9% (12) GWMS had water level between 5-10 mbgl and 1.3% (4) GWMS had water level between 10-20 mbgl. Minimum and maximum water levels 0.01 magl and 15.3 mbgl are recorded at Karimganj and Dhubri District GWMS respectively.

Meghalaya

During the month of August 2015, 52.6% (20) of the monitored stations had water level within 0-2 mbgl, 44.8% (17) GWMS had water level between 2-5 mbgl and 2.6% (1) had water level of 5-10 mbgl. Minimum and maximum water levels 0.2 magl and 6.69 mbgl are recorded at East Khasi Hills and West Garo Hills District GWMS respectively.

Nagaland

During the month of August 2015, 23.3% (7) of the monitored stations had water level within 0-2 mbgl, 26.6% (8) GWMS had water level between 2-5 mbgl, 13.4% (4) GWMS had water level between 5-10 mbgl, 16.7% (5) GWMS had water level between 10-20 mbgl and 20% (6) GWMS had water level between >20 mbgl Minimum and maximum water levels 0.04 magl and 53.6 mbgl are recorded at Dimapur and Phek District GWMS respectively.

Tripura

During the month of August 2015, it was observed that 42.8% (27) of the monitored stations had water level within 0-2 mbgl, 44.5% (28) had water level between 2-5 mbgl, 6.3% (4) had water level between 5-10 mbgl, 3.2% (2) had water level between 10-20 mbgl and 3.2% (2) had water level of more than 20 mbgl. The minimum and maximum water levels 0.32 mbgl and 25.9 mbgl are recorded at North Tripura and West Tripura District GWMS respectively.

6.1.3 Depth to Water Level during November, 2015 (Fig. 7 and Annexure V)

Arunachal Pradesh

In Arunachal Pradesh the depth to water level measured from 24 GWMS during the month of November 2015, it was observed that 33.3% (8) of the monitored stations had water level within 0-2 mbgl, 45.9% (11) of the GWMS had water levels between 2-5 mbgl, 16.7% (4) of the GWMS had water level between 5-10 mbgl and 4.1% (1) of GWMS had water level between 10-20 mbgl has been recorded at only one station in Papumpare district. The minimum and maximum water levels are 0.16 magl and 11.46 mbgl are recorded at Papumpare district GWMS.

Assam

The depth to water level measured in 298 GWMS during November 2015 indicates that 38.2% (114) of the monitored stations had water level within 0-2 mbgl, 53.7% (160) of GWMS had water levels between 2 and 5 mbgl 6.4% (19) of GWMS had water level between 5-10 mbgl and 1.7% (5) of GWMS had water level between 10 and 20 mbgl. The minimum and maximum water levels are 0.01 magl and 16.5 mbgl are recorded at Karimganj and Dhubri district GWMS respectively.

Meghalaya

Depth to water level measured during November 2015 the maximum GWMS showing water level between 0-5 mbgl, wells showed that 48% (12) of the monitored stations had water level within 0-2 mbgl, 44% (11) of GWMS had water levels between 2 and 5 mbgl and 8% (2)

showed water level of 5-10 mbgl. The minimum and maximum water levels are 0.07 mbgl and 7.22 mbgl were recorded at Ri-Bhoi and West Garo Hills district GWMS respectively.

Nagaland

The depth to water level measured during November 2015 showed that the maximum number of GWMS has water level between 2-5 mbgl, of all the monitored stations 10.7% (3) of the stations had water level within 0-2 mbgl, 46.5% (13) had water levels between 2 and 5 mbgl, 21.4% (6) had water level between 5-10 mbgl. 10.7% (3) of monitoring stations had water level between 10-20 mbgl and 11% (3) of the monitored stations had >20 mbgl. The minimum and maximum water levels are 1.62 mbgl and 54.35 mbgl are recorded at Dimapur and Phek district GWMS respectively.

Tripura

The depth to water level measured during November 2015 showed that 41% (23) of the monitored stations had water level within 0-2 mbgl, 48.2% (27) had water levels between 2 and 5 mbgl, 5.4% (3) had water level between 5-10 mbgl, 1.8% (1) had water level between 10 and 20 mbgl and 3.6% (2) had more than 20 mbgl. The minimum and maximum water levels are 0.32 mbgl and 25.9 mbgl are recorded at North Tripura and West Tripura district GWMS respectively.

6.1.4Depth to water level during January, 2016 (Fig. 8 and Annexure VI)

Arunachal Pradesh

The depth to water level measured during January 2016 showed that 11.5% (3) of the monitored stations had water level within 0-2 mbgl, 57.7% (15) had water levels between 2 and 5 mbgl, 19.2% (5) had water level between 5-10 mbgl and 11.6% (3) had water level between 10 and 20 mbgl. The minimum and maximum water levels are 0.01 magl and 11.5 mbgl are recorded at Papumpare district GWMS.

Assam

The depth to water level measured during January 2016 showed that 24% (83) of the monitored stations had water level within 0-2 mbgl, 59.7% (206) had water levels between 2 and 5 mbgl, 13.7% (47) had water level between 5-10 mbgl, 2.3% (8) had water level between 10 and 20 mbgl and 0.3% (1) had water level between > 20 mbgl. The minimum and maximum water levels are 0.12 magl and 21mbgl are recorded at Karimganj and Karbi Anglong district GWMS respectively.

Meghalaya

The depth to water level measured during January 2016 showed that 32.3% (10) of the monitored stations had water level within 0-2 mbgl, 58% (18) had water levels between 2 and 5 mbgl and 9.7% (3) showing water level between 5-10 mbgl. The minimum and maximum water levels are 0.2 mbgl and 8.62 mbgl are recorded at Ri-Bhoi and East Khasi Hills district GWMS respectively.

Nagaland

The depth to water level measured during January 2016 showed that 6.7% (2) of the monitored stations had water level within 0-2 mbgl, 43.3% (13) had water levels between 2 and 5 mbgl, 13.3% (4) had water level between 5-10 mbgl and 13.3% (4) had water level between 10 and 20 mbgl and 23% (7) had water level >20mbgl. The minimum and maximum water levels are 1.68 mbgl and 53.6 mbgl are recorded at Mokokchung and Phek district GWMS respectively.

Tripura

The depth to water level measured during January 2016 showed that 15.5% (9) of the monitored stations had water level within 0-2 mbgl, 62% (36) had water levels between 2 and 5 mbgl, 17.3% (10) had water level between 5-10 mbgl and 1.7% (1) had water level between 10 and 20 mbgl and 3.5% (2) had water level >20 mbgl. The minimum and maximum water levels are 0.82 mbgl and 23.4 mbgl are recorded South Tripura and West Tripura district GWMS respectively.

6.2 Water Level Fluctuation with respect to August 2015

6.2.1 Water Level Fluctuation (August 2015 and March 2015) Fig. 9 and Annexure VII)

Arunachal Pradesh

All the stations showed rise in water level during August 2015 as compared to that of March 2015. Of the total stations 28.5% (6) of the GWMS showed rise in water level within 0-2 m, 38% (8) GWMS showed rise on water level between 2-4 m and 33.5% (7) GWMS showed rise of more than 4 m.

Assam

Water level during the month of August 2015 in comparison to March 2015 indicates that 97.3% of the GWMS showed rise in water lever. Of all the stations showing rise 39.4% (115) showed rise in water level within 0-2 m, 43% (115) showed rise in water level between 2-4 m and 14.9% (40) showed rise of more than 4 m. About 1.5% (4) of the GWMS showed fall in water level between 0-2 m, 0.8% (2) show rise between 2-4 m and
0.4% (1) show rise of more than 4 m.

Meghalaya

Comparing the water level of August 2015 with March 2015 it shows that during august majority of the GWMS showed rising trend. In these 74.2% (26) GWMS showed rise in water level within 0-2 m, 20% (7) GWMS showed rise in water level between 2-4 m, 2.9% (1) showed rise of more than 4 m and 2.9% (1) showed fall between 0-2 m.

Nagaland

During the month of August 2015 water level in comparison with March 2015 shows that 21% (4) GWMS showed rise in water level within 0-2 m, 31.5% (6) GWMS showed rise in water level between 2-4 m, 36.9% (7) GWMS showed rise of more than 4 m. About 5.3% (1) show fall between 2-4 m and 5.3% (1) show fall on above >4 m.

Tripura

During the month of August 2015 water level in comparison with March 2015 shows that 52.4% (32) GWMS showed rise in water level within 0-2 m, 37.8% (23) GWMS showed rise in water level between 2-4 m, 8.2% (5) GWMS showed rise of more than 4 m.
About 1.6% (1) show fall between 0-2 m.

6.3 Water Level Fluctuation with respect to November 2015

6.3.1Water Level Fluctuation (November 2015 and March 2015) (Fig. 10 and Annexure VIII)

Arunachal Pradesh

By comparing the water level of November 2015 with March 2015 water level it is found that 95.3% of the GWMS showed rising trend during November 2015. In these 62% (13) of the GWMS showed rise in water level within 0-2 m, 23.8% (5) of the GWMS showed rise in water level between 2-4 m and 9.5% (2) GWMS showed rise of more than 4 m. Only 4.7% (1) of the GWMS showed fall within 0-2 m.

Assam

By comparing the water level of November 2015 with March 2015 water level it is found that 60.8% (155) of the GWMS showed rise in water level within 0-2 m, 16.5% (42) of the GWMS showed rise in water level between 2-4 m and 8.6% (22) GWMS showed rise in water level of more than 4 m. About 12.5% (32) GWMS showed fall in water level between 0-2 m, 0.8% (2) GWMS Shows 2-4 m falling water level fluctuation, 0.8% (2) GWMS showed fall in water level of more than 4.

Meghalaya

By comparing the water level of November 2015 with March 2015 water level it is found that 82.6% (19) of the GWMS showed rising trend with water level 0-2 m and 13.1% (3) of the GWMS showed rise in water level of 2- 4 m. About 4.3% (1) GWMS showed fall in water level between 0-2 m

Nagaland

During November 2015 as compared to March 2015 the water level of 37.5% (6) of the GWMS had rise within 0-2 m, 37.5% (6) of the GWMS had rise between 2-4 m, 25% (4) of the GWMS had rise of more than 4 m.

Tripura

By comparing the water level of November 2015 with March 2015 water level it is found the water level of 57.4% (31) of the GWMS showed rise in water level within 0-2 m, 31.5% (17) GWMS showed rise in water level between 2-4 m, 7.4% (4) showed rise in water level of more than 4 m and 3.7% (2) GWMS showed 0-2 m falling water level fluctuations.

6.3.2 Water Level Fluctuation (November 2015 and August 2015) (Fig. 11and Annexure IX)

Arunachal Pradesh

Comparison of November 2015 water level with August 2015 water level indicates that 68.2% (15) showed fall having water level within 0-2 m, 22.7% (5) of GWMS showed fall in water level between 2-4 m and 9.1% (2) GWMS showed fall of more than 4 m.

Assam

Comparison of November 2015 water level with August 2015 water level indicates that 11.3% (29) of the GWMS showed rise in water level within 0-2 m, 0.3% (1) showed rise in water level between 2-4 m, and 74.7% (192) of the GWMS showed fall in water level within 0-2 m, 12.5% (32) showed 2-4 m fall in water level and 1.2% (3) showed more than 4 m fall in water level.

Meghalaya

Comparison of November 2015 water level with August 2015 shows that 20.8% (5) of the GWMS showed rise in water level within 0-2 m and 70.9% (17) of the GWMS showed fall in water level within 0-2 m, 8.3% (2) showed fall in water level in between 2-4 m.

Nagaland

Comparison of November 2015 water level with August 2015 shows that it is observed that the water level of 16% (4) of the GWMS showed rise within 0-2 m, 16% (4) of the GWMS

showed rise on above >4 m whereas 52% (13) of the GWMS showed 0-2 m fall in water level and 16% (4) of the GWMS showed 2-4 m fall in water level.

Tripura

Comparison of November 2015 water level with August 2015 shows that it is observed that the water level of 86.5% (45) of the GWMS showed rise within 0-2 m whereas 13.5% (7) of the GWMS showed 0-2 m fall in water level.

6.4 Water Level Fluctuation with respect to January 2016

6.4.1 Water Level Fluctuation (January 2016 and March 2015) (Fig. 12 and Annexure X)

Arunachal Pradesh

By comparing the water level of January 2016 with March 2015 it was observed that in the monitored stations 14.3% (3) of the GWMS showed fall within 0-2 m, 4.7% (1) showed fall between 2-4 m. About 66.8% (14) showed rise in water level between 0-2 m, 4.7% (1) showed rise in water level between 2-4 m, 9.5% (2) showed rise in water level >4 m

Assam

By comparing the water level of January 2016 with March 2015 it was observed that stations in the state 22.6% (60) of the GWMS showed fall in water level between 0-2 m, 2.3% (6) showed fall between 2-4 m, 1.1% (3) showed fall of more than 4 m and 61% (163) of the GWMS showed rise in water level between 0-2 m, 7.8% (21) showed rise in water level between 2-4 m, 5.2% (14) showed rise of more than 4 m.

Meghalaya

By comparing the water level of January 2016 with March 2015 it was observed that stations in the state 17.2% (5) of the GWMS showed fall between 0-2 m and On the other hand 82.8% (24) of the GWMS showed rise between 0-2 m.

Nagaland

By comparing the water level of January 2016 with March 2015 it was observed that of all the monitored stations in the state 5.2% (1) of the GWMS showed fall in water level between 0-2 m. About 31.6% (6) of the GWMS showed rise in water level between 0-2 m, 31.6% (6) showed rise between 2-4 m and 31.6% (6) showed rise of more than 4 m.

Tripura

By comparing the water level of January 2016 with March 2015 it was observed that of all the monitored stations in the state 11.4% (6) of the GWMS showed fall in water level between 0-2 m. About 79.3% (42) of the GWMS showed rise in water level between 0-2 m, 5.6% (3) showed rise in between 2-4 m and 3.7% (2) showed rise on above 4 m.

6.4.2 Water Level Fluctuation (January 2016 and August 2015) (Fig. 13 and Annexure XI)

Arunachal Pradesh

By comparing the water level of January 2016 with August 2015 it was observed that of all the monitored stations in the state 47.7% (10) of the GWMS show fall in water level between 0-2 m, 38% (8) of the GWMS show fall between 2-4 m and 14.3% (3) of the GWMS show fall of more than 4 m.

Assam

By comparing the water level of January 2016 with August 2015 it was observed that of all the monitored stations in the state 60.9% (171) of the GWMS showed fall in water level between 0-2 m, 32.3% (91) showed fall between 2-4 m and 5% (14) showed fall of more than 4 m. About 1.4% (4) of the GWMS showed rise in water level between 0-2 m, 0.4% (1) showed rise between 2-4 m.

Meghalaya

By comparing the water level of January 2016 with August 2015 it was observed that of all the monitored stations in the state 73.3% (22) of the GWMS showed fall in water level between 0-2 m, 13.3% (4) showed fall between 2-4 m and 3.4% (1) showed fall of more than 4 m. About 10% (3) of the GWMS show rise in water level between 0-2 m.

Nagaland

By comparing the water level of January 2016 with August 2015 it was observed that of all the monitored stations in the state 48.2% (14) of the GWMS showed fall in water level between 0-2 m, 13.9% (4) showed fall between 2-4 m and 6.9% (2) of the GWMS showed fall of more than 4 m. About 13.8% (4) of the GWMS showed rise in water level between 0-2 m and 17.2% (5) of the GWMS showed rise of more than 4 m.

Tripura

By comparing the water level of January 2016 with August 2015 it was observed that of all the monitored stations in the state 77.4% (41) of the GWMS showed fall in water level between 0-2 m, 15% (8) showed fall between 2-4 m and 1.9% (1) of the GWMS showed fall of more than 4 m. About 3.8% (2) of the GWMS showed rise in water level between 0-2 m and 1.9% (1) of the GWMS showed rise of more than 4 m.

6.4.3 Water Level Fluctuation (January 2016 and November 2015) (Fig. 14 and Annexure XII)

Arunachal Pradesh

By comparing the water level of January 2016 with November 2015 it was observed that of all the monitored stations in the state 82% (18) of the GWMS showed fall in water level between 0-2 m, 9% (2) showed fall between 2-4 m and 9% (2) showed rise between 0-2 m.

Assam

By comparing the water level of January 2016 with November 2015 it was observed that of all the monitored stations in the state 77% (201) of the GWMS showed fall in water level between 0-2 m, 6.5% (17) showed fall between 2-4 m, 1.5% (4) showed fall of more than 4 m. About 14.6% (38) of the GWMS showed rise between 0-2 m, 0.4% (1) showed rise between 2-4 m.

Meghalaya

By comparing the water level of January 2016 with November 2015 it was observed that of all the monitored stations in the state 92% (23) of the GWMS showed fall in water level between 0-2 m, 4% (1) showed fall between 2-4 m and 4% (1) of the GWMS showed rise in water level between 0-2 m.

Nagaland

Comparing the water level of January 2016 with November 2015 it was observed that of all the monitored stations in the state 23% (6) of the GWMS showed fall in water level 0-2 m, 15.4% (4) showed fall between 2-4 m, 7.7% (2) showed fall of more than 4 m. About 53.9% (14) GWMS showed rise in water level between 0-2 m.

Tripura

By comparing the water level of January 2016 with November 2015 it was observed that of all the monitored stations in the state 72.8% (32) of the GWMS showed fall in water level between 0-2 m, 15.9% (7) showed fall between 2-4 m and 9% (4) showed rise in water level between 0-2 m, 2.3% (1) showed rise in water level >4m.

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

6.5.1 March 2015 and March 2014 (Fig. 15 and Annexure XIII)

Arunachal Pradesh

By comparing the water level of March 2015 with March 2014 it was observed that of all the monitored stations in the state 36.9% (7) of the GWMS showed fall between 0-2 m, 10.5% (2) of the GWMS showed fall between 2-4 m, 5.2% (1) of the GWMS showed fall >4m. About 47.4% (9) of the GWMS showed rise in water level between 0-2 m.

Assam

By comparing the water level of March 2015 with March 2014 it was observed that of all the monitored stations in the state 46.6% (119) of the GWMS showed fall in water level between 0-2 m, 2.4% (6) showed fall between 2-4 m and 2% (5) showed fall of more than 4 m. About 45% (115) of the GWMS showed rise in water level between 0-2 m, 2% (5) showed rise in between 2-4 m and 2% (5) showed rise of more than 4 m.

Meghalaya

By comparing the water level of March 2015 with March 2014 it was observed that of all the monitored stations in the state 41.6% (10) of the GWMS showed fall in water level between 0-2 m and 4.2% (1) showed fall between 2-4 m. About 50% (12) of the GWMS showed rise in water level between 0-2 m and 4.2% (1) showed rise in between 2-4 m.

Nagaland

By comparing the water level of March 2015 with March 2014 it was observed that of all the monitored stations in the state 76% (16) of the GWMS showed fall in water level between 0-2 m, 9.6% (2) showed fall between 2-4 m and 9.6% (2) showed fall in water level of more than 4m. About 4.8% (1) of the GWMS showed rise in water level between >4 m.

Tripura

By comparing the water level of March 2015 with March 2014 it was observed that of all the monitored stations in the state 59.6% (31) of the GWMS showed fall in water level between 0-2 m, 1.9% (1) of the GWMS showed fall in water level between 2-4 m. 34.6% (18) showed rise in water level between 0-2 m and 3.9% (2) showed rise in water level between 2-4 m.

6.5.2 August 2015 and August 2014(Fig. 16 and Annexure XIV)

Arunachal Pradesh

By comparing the water level of August 2015 with August 2014 it was observed that of all the monitored stations in the state 77.7% (14) of the GWMS showed fall in water level between 0-2 m, 5.6% (1) showed fall in between 2-4 m and only 16.7% (3) of the GWMS showed rise in water level between 0-2 m.

Assam

By comparing the water level of August 2015 with August 2014 it was observed that of all the monitored stations in the state 47% (125) of the GWMS showed rise in water level between 0-2, 4.9% (13) showed rise between 2-4 m and 0.7% (2) showed rise above 4 m. About 42.1% (112) of the GWMS showed fall in water level between 0-2, 4.2% (11) showed fall between 2-4 m and 1.1% (3) GWMS showed fall of more than 4 m.

Meghalaya

By comparing the water level of August 2015 with August 2014 it was observed that of all the monitored stations in the state 58.3% (7) of the GWMS showed rise in water level between 0-2 m, 8.4% (1) of the GWMS showed rise in water level >4m and 33.3% (4) of the GWMS showed fall in water level between 0-2 m.

Tripura

By comparing the water level of August 2015 with August 2014 it was observed that of all the monitored stations in the state 50% (28) of the GWMS showed rise in water level between 0-2 m, 7.2% (4) showed rise between 2-4 m, 42.8% (24) showed fall in water level between 0-2 m.

6.5.3 November 2015 and November2014 (Fig. 17 and Annexure XV)

Arunachal Pradesh

By comparing the water level of November 2015 with November 2014 it was observed that of all the monitored stations in the state 52.6% (10) of the GWMS showed fall in water level between 0-2 m and 47.4% (9) showed rise in water level between 0-2 m.

Assam

By comparing the water level of November 2015 with November 2014 it was observed that of all the monitored stations in the state 50% (132) of the GWMS showed rise in water level between 0-2 m, 3% (8) showed rise between 2-4 m and 0.4% (1) showed rise of more than 4 m. About 43.2% (114) of the GWMS showed fall in water level between 0-2 m, 2.6% (7) showed fall between 2-4 m and 0.8% (2) showed fall of more than 4 m.

Meghalaya

By comparing the water level of November 2015 with November 2014 it was observed that of all the monitored stations in the state 63.7% (14) of the GWMS showed rise in water level between 0-2 m,4.5% (1) showed rise in water level between 2-4 m. About 31.8% (7) of the GWMS showed fall in water level between 0-2 m.

Nagaland

By comparing the water level of November 2015 with November 2014 it was observed that of all the monitored stations in the state 48.1% (13) of the GWMS showed rise in water level between 0-2 m,7.4% (2) showed rise in water level between 2-4 m and 22.3% (6) showed rise in water level >4 m. About 18.5% (5) of the GWMS showed fall in water level between 0-2 m, 3.7% (1) showed fall in water level between 2-4 m.

Tripura

By comparing the water level of November 2015 with November 2014 it was observed that of all the monitored stations in the state 78% (39) of the GWMS showed rise in water level between 0-2 m and 12% (6) showed rise between 2-4 m. About 10% (5) of the GWMS showed fall between 0-2.

6.5.4 January 2016 and January 2015 (Fig. 18 and Annexure XVI)

Arunachal Pradesh

By comparing the water level of January 2016 with January 2015 it was observed that the maximum monitoring stations in the state shows rising trend. About 62% (13) of the GWMS showed rise in water level between 0-2 m and 38% (8) of the GWMS showed fall in water level between 0-2 m.

Assam

By comparing the water level of January 2016 with January 2015 it was observed that the of all the monitored stations in the state 34% (100) of the GWMS showed fall in water level between 0-2 m, 3.8%(11) showed fall between 2-4 m and 1.4% (4) showed fall of more than 4 m. About 55% (161) of the GWMS showed rise in between 0-2 m, 4.8% (14) showed rise in between 2-4 m and 1% (3) showed rise of more than 4 m.

Meghalaya

By comparing the water level of January 2016 with January 2015 it was observed that the of all the monitored stations in the state 60% (18) of the GWMS showed fall in water level between 0-2 m. About 40% (12) of the GWMS showed rise in water level between 0-2m.

Nagaland

By comparing the water level of January 2016 with January 2015 it was observed that the of all the monitored stations in the state 46.6% (14) of the GWMS showed rise in water level between 0-2 m, 10% (3) of the GWMS showed rise in water level between 2-4 , 10% (3) of the GWMS showed rise in water level above 4m and 23.4% (7) of the GWMS showed fall in water level between 0-2 m, 6.6% (2) of the GWMS showed fall in water level between 2-4 m 3.4% (1) of the GWMS showed fall in water level >4m.

Tripura

By comparing the water level of January 2016 with January 2015 it was observed that the of all the monitored stations in the state 41.2% (21) of the GWMS showed fall in water level between 0-2 m. About 54.9% (28) of the GWMS showed rise in water level between 0-2 m and 3.9% (2) showed rise >4 m.

6.6.1 August 2015 and Decadal Mean (August 2005-2014) (Fig. 19 and Annexure XVII)

Arunachal Pradesh

August 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 100% (9) GWMS shows 0-2 mbgl rising trend. The minimum and maximum rising water levels are 0.25 mbgl and 1.75 mbgl are recorded at Papumpare and Tirap districts respectively.

Assam

August 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 62.9% (110) GWMS shows 0-2 mbgl rising trend, 3.4% (6) GWMS shows 2-4 mbgl rising trend, 0.6% (1) GWMS shows >4 mbgl rising trend and 32% (56) GWMS shows 0-2 mbgl falling trend, 1.1% (2) GWMS Shows 2-4 mbgl falling trend. The maximum rising water level 4.29 mbgl recorded at Karbi Anglong district GWMS. The maximum falling water level 2.44 mbgl recorded at Nagaon District GWMS.

Meghalaya

August 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 52.6% (10) GWMS shows 0-2 mbgl rising trend and 47.4% (9) GWMS shows 0-2 mbgl falling trend. The maximum rising water level 0.92 mbgl recorded at Ri-Bhoi District GWMS. The maximum falling water level 0.86 mbgl recorded at East Garo Hills District GWMS.

Tripura

August 2015 water level has been compared with mean water level data of the same period of preceding 10 years 58% (18) GWMS shows 0-2 mbgl rising trend , 6.5% (2) GWMS shows 2-4 mbgl rising trend and 32.3% (10) GWMS shows 0-2 mbgl falling trend, 3.2% (1) GWMS shows 2-4 mbgl falling trend in water level. The maximum rising water level 2.96 mbgl recorded at West Tripura districts GWMS and the maximum falling water level 2.57 mbgl recorded at West Tripura district GWMS.

6.6.2 November 2015 and Decadal Mean (Nov2005-2014) (Fig. 20 and Annexure XVIII)

Arunachal Pradesh

November 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 90% (9) GWMS shows 0-2 mbgl rising trend and 10% (1) GWMS shows 0-2 mbgl falling trend. The maximum rising water levels are 0.85 mbgl recorded at Tirap districts and the maximum falling water levels 0.07 mbgl are recorded at Changlang district.

Assam

November 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 51.1% (88) GWMS shows rising trend within 0-2 mbgl, 4% (7) GWMS shows rising trend between 2-4 mbgl and 1.2% (2) GWMS shows rising trend >4 mbgl and 39.6% (68) GWMS shows falling trend within 0-2 mbgl, 2.3% (4) GWMS shows rising trend between 2-4 mbgl and 1.8% (3) GWMS shows rising trend >4 mbgl . The maximum rising water level of 4.09 m recorded at Darrang district GWMS and the maximum falling water 6.29 m recorded at Karbi Anglong district GWMS.

Meghalaya

November 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 61.6% (8) GWMS shows rising trend within 0-2 mbgl and 38.4% (5) GWMS shows falling trend within 0-2 mbgl. The maximum rising water level 1.18 m recorded at Jaintia hills district and the maximum falling water level 1.47 m recorded at East khasi hill district.

Nagaland

November 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 40% (4) GWMS shows rising trend within 0-2 mbgl and 50% (5) GWMS shows falling trend within 0-2 mbgl, 10% (1) GWMS shows falling trend between 2-4 mbgl . The maximum rising water level 1.64 m recorded at Kohima district and the maximum falling water level 2.97 m recorded at Dimapur district GWMS.

Tripura

November 2015 water level has been compared with mean water level data of the same period of preceding 10 years. 83.4% (20) GWMS shows rising trend within 0-2 mbgl and 8.3% (2) GWMS shows rising trend between 2-4 mbgl, 8.3% (2) GWMS shows 0-2 m falling trend. The maximum rising water level 2.33 m maximum falling water level 0.57 m recorded at West Tripura district GWMS.

6.6.3 January 2016 and Decadal Mean (Jan 2006-2015) (Fig.21 and Annexure XIX)

Arunachal Pradesh

January 2016 water level has been compared with mean water level data of the same period of preceding 10 years. 72.8% (8) GWMS shows 0-2 mbgl rising trend and 27.2% (3) GWMS shows 0-2 mbgl falling trend. The maximum rising water level 1.67 m and maximum falling water level 0.82 m recorded at Tirap and Changlangdistricts respectively.

Assam

January 2016 water level has been compared with mean water level data of the same period of preceding 10 years. 58% (101) GWMS shows 0-2 mbgl rising trend, 2.9% (5) GWMS shows 2-4 mbgl rising trend , 0.6% (1) GWMS shows >4 mbgl rising trend and 36.2% (63) GWMS Shows 0-2 mbgl falling trend and 1.7% (3) GWMS shows 2-4 mbgl falling trend in water level and 0.6% (1) GWMS shows >4 mbgl falling trend . The maximum rising water level 4.58 m and maximum falling water level 8.39 m recorded at Darrang and Karbi Anglong districts GWMS respectively.

Meghalaya

January 2016 water level has been compared with mean water level data of the same period of preceding 10 years. 35.3% (6) GWMS shows 0-2 mbgl rising trend and 53% (9) GWMS Shows 0-2 mbgl falling trend, 11.7% (2) GWMS Shows 2-4 mbgl falling trend in water level. The maximum rising water level 0.71 m and maximum falling water level 2.74 m recorded at Jaintia Hills and East Khasi Hills districts GWMS respectively.

Tripura

January 2016 water level has been compared with mean water level data of the same period of preceding 10 years. 46.2% (12) GWMS shows 0-2 mbgl rising trend 3.8% (1) GWMS Shows 2-4 mbgl rising trend, 3.8% (1) GWMS Shows >4 mbgl rising trend and 46.2% (12) GWMS shows 0-2 mbgl falling trend. The maximum rising water level 2.36 m and maximum falling water levels 1.4 m recorded at West Tripura districts GWMS.

6.7 Ground Water Level Trend (2008-2015) Pre Monsoon

The historical water level data of GWMS, available in GWDES is analysed for calculating long term water level trends (for the period 2008-2015) for pre monsoon period separately (long term water level data, of last 10 years is not available for many stations). Monitoring of Ground Water Monitoring Stations for pre-monsoon water level during March has been commenced from the year, 2008 only.

A total number of 309 stations are analysed for pre-monsoon water level trends. The frequency of stations showing rising or falling trends of water levels during pre-monsoon period is given in Annexure-XX. State wise analysis is given below.

6.7.1 Arunachal Pradesh

A total 11 stations are analysed for pre-monsoon water level trends. Out of these, 6 stations show rising trends ranging from 0.03 to 0.56m/year whereas, 5 stations show falling

water level trends ranging from 0.12 to 0.28m/year. The maximum fall is observed at Changlang district. The declining water level trend has been observed, but is not significant.

6.7.2 Assam

A total 218 stations are analysed for pre-monsoon water level trends. Out of these, 98 stations show rising trends ranging from 0.001 to 1.45m/year whereas, 120 stations show falling water level trends ranging from 0.001 to 0.81m/year. The water level trends show both rising and falling trends all over the State. Rise has been observed in 98 (45 %) stations and fall in 120 (55%) stations during pre-monsoon period.

The rising trend above 0.20 m/year is observed in 28 stations in the State. The fall of more than 0.20 m/yr has been observed in 30 stations in Assam. The maximum falling trend has been found as 0.812m/yr. in Kamrup Metro district GWMS. A general decline is observed in the pre monsoon period.

6.7.3 Meghalaya

A total number of 28 stations are analysed for pre-monsoon water level trends. Out of these, 5 stations shows rising trends ranging from 0.14 to 0.42m/year and 23 stations declining water level trends ranging from 0.013 to 1.259m/year have been observed. Most of the rising and declining trend has been restricted below 0.1m/year. One station indicated raises the range of 0.40 m/year. The maximum fall is observed at Shillong Polo GWMS.

6.7.4 Nagaland

A total 15 stations are analysed for pre-monsoon water level trends. Out of these, 5 stations show rising trends ranging from 0.19 to 0.498m/year whereas, 10 stations show falling water level trends ranging from 0.11 to 1.81m/year. The maximum fall is observed at Wokha district. The declining water level trend has been observed at places, but is not significant.

6.7.5 Tripura

Analysis for Tripura State is done for 37 stations for pre-monsoon water level trends. Out of these, 18 stations show rising trend and 19 stations declining trend. The rising trend ranged from 0.007 to 0.311 m/year and the declining trend in the range of 0.001 to 0.407m/year. Maximum decline and maximum rise of 0.407m/year and 0.311m/year have been observed in West Tripura and North Tripura district GWMS respectively. Most of the rise and decline have been recorded below 0.1m/year.

6.8 Ground Water Level Trend (2006-2015) Post Monsoon

The historical water level data of GWMS, available in GWDES is analysed for calculating long term water level trends (for the period 2006-2015) for post monsoon period separately (long term water level data, of last 10 years is not available for many stations). A total number of 333 stations are analysed for post-monsoon water level trends. The frequency of stations showing rising or falling trends of water levels during post-monsoon period is given in Annexure-XXI. State wise analysis is given below.

6.8.1 Arunachal Pradesh

A total 11 stations are analysed for post-monsoon water level trends. Out of these, 9 stations show rising trends ranging from 0.008 to 0.204m/year whereas, 2 stations show falling water level trends ranging from 0.031 to 0.149m/year. The maximum fall is observed at Jairampur in Changlang district. The declining water level trend has been observed at 2 places, but is not significant.

6.8.2 Assam

A total 236 stations are analysed for post-monsoon water level trends. Out of these, 135 stations show rising trends ranging from 0.001 to 0.799m/year whereas, 101 stations show falling water level trends ranging from 0.001 to 0.863 m/year. The water level trends show both rising and falling trends all over the State. Rise has been observed in 135 (57 %) stations and fall in 101 (43%) stations during post-monsoon period.

The rising trend above 0.20 m/year is observed in 23 stations in the State. The fall of more than 0.20 m/yr has been observed in 16 stations. The maximum falling trend has been found as 0.863m/yr. in Karbi Anglong district GWMS. A general decline is observed in the post monsoon period.

6.8.3 Meghalaya

A total number of 29 stations are analysed for post-monsoon water level trends. Out of these, 14 stations shows rising trends ranging from 0.003 to 0.342m/year and 15 stations declining water level trends ranging from 0.004 to 0.236m/year have been observed. Most of the rising and declining trend has been restricted below 0.1m/year. Two stations indicated raise the range of 0.20 m/year. The maximum fall is observed at East Khasi Hills District.

6.8.4 Nagaland

A total 18 stations are analysed for post-monsoon water level trends. Out of these, 9 stations show rising trends ranging from 0.005 to 2m/year whereas, 9 stations show falling water level trends ranging from 0.015 to 1.737m/year. The maximum fall is observed at Dimapur district. The declining water level trend has been observed at places, but is not significant.

6.8.5 Tripura

Analysis for Tripura State is done for 38 stations for post-monsoon water level trends. Out of these, 17 stations show rising trend and 21 stations declining trend. The rising trend ranged from 0.005 to 0.357 m/year and the declining trend in the range of 0.005 to 0.499m/year. Maximum decline and maximum rise of 0.499m/year and 0.357m/year have been observed in West Tripura and South Tripura district GWMS respectively. Most of the rise and decline have been recorded below 0.1m/year.

6.9 Area under water logged and prone to water logging conditions (Fig.22 and Fig.23)

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 m bgl are recorded in about 31% (142) of the stations during pre monsoon and in about 63% (271) stations during post-monsoon. Such conditions have occurred due to high rainfall recharge, shallow water level and poor ground water draft from shallow aquifers. Low ground water gradients in valley areas results in water logging conditions. Maps showing areas under water logged and prone to water logging conditions are prepared (Fig. 22 and 23) for both pre- and post-monsoon periods based on water level ranges of 0 to 2.0 mbgl and 2.0 to 3.0 mbgl respectively.

Water Logged Area and Area prone to water logging condition:

Water logged area is demarcated based on the water levels within 2.0 mbgl and 2 to 3 mbgl for areas prone to water logging, for both the pre- and post-monsoon periods. During pre-monsoon period (March 2015), 11.32 % (52) stations show water logging condition, whereas 19.6% (90) stations show prone to water logging condition. During post monsoon period (November 2015) 37%(160) stations show water logging condition and 25.7% (111)stations show prone to water logging condition. During Pre-monsoon period water logged and prone to water logging areas have been observed in Darrang,Dhemaji, Kamrup,Goalpara, Jorhat, Lakhimpur, Nalbari, Morigaon, Nagaon, Sibsagar, Sonitpur Cachar, Karimganj and Tinsukia

district in Assam and Dhalai, North Tripura and West Tripura district in Tripura. In Arunachal Pradesh and Meghalaya also water logged and prone to water logging areas has been observed in pockets.

During post-monsoon period (November 15), in major parts of Barpeta, Bongaigaon, Cachar, Darrang, Dhemaji, Goalpara, Hailakandi, Jorhat, Kamrup, Karimganj, Nagaon, Morigaon, Nalbari, Lakhimpur, Sonitpur and Tinsukia district and in parts of Dhubri, Dibrugarh, Karbi angling and Sibsagar district in Assam and in Dhalai and in parts of South Tripura, North Tripura and West Tripura district in Tripura water logged and prone to water logging conditions has been observed. In Meghalaya, in East Garo Hills, East Khasi Hills, West Garo Hills and in parts of Jaintia Hills and Ri-Bhoi district shallow water level has been observed. Out of 432 analysed stations, 160(37%) stations recorded water level in the range 0 to 2 mbgl and 111(25.7%) stations in the range 2 to 3 mbgl. Remaining 161(37.3%) stations, most of which are located near inselbergs or in hard rock areas show water levels more than 3 mbgl.

It is observed that in both pre and post monsoon periods, a large parts of the alluvial area in the region show water level in the range of 0 to 3 mbgl (Fig 22 and 23). Water logging condition during pre-monsoon period in major parts of Barpeta, Bongaigaon, Dhubri, Golaghat, Jorhat, Karbi Anglong, Sibsagar and Tinsukia district has not been observed but during post-monsoon period, most of these areas were under water logging conditions. Occurrence of water logging conditions in the region is due to high rainfall, shallow water level and a meagre ground water draft in vast flood plains of the Brahmaputra and Barak river system.

7. HYDROCHEMISTRY

Chemical quality of ground water is being monitored every year for temporal and spatial changes and to study their causes. Water samples are being collected in the month of March (pre-monsoon) every year. Water quality standards for drinking use and the range of chemical constituents analyzed and the values were compared with the standard values given by BIS (IS 10500:2012). The overall chemical quality of North Eastern region for the year 2015-2016 is provided and in shown in Table – 5.

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

S.No.		1		2		4		6		IS 10500:2012	
State		Assam		Arunachal Pradesh		Meghalaya		Tripura		Acceptable limit)	Permissible limit
		Min	Max	Min	Max	Min	Max	Min	Max		
pH		6.5	9.5	7.01	8.8	6.9	8.3	6.8	8.7	6.5-8.5	6.5-8.5
Turbidity, NTU		BDL	18.5	BDL	7.1	BDL	1.3	BDL	5.9	1	5
EC (µs/cm) 25°C		37.8	1139	27.41	679.4	33.41	945	35.9	869.4	-	-
TDS	mg/L (ppm)	8.48	581	13.67	351.2	8.11	485	6.3	432.3	500	2000
Carbonate alkalinity as $CaCO_3$		BDL	104	BDL	48	BDL	124	BDL	88	-	-
Bicarbonate alkalinity as $CaCO_3$		4	256	24	108	8	164	12	164	-	-
Chloride		4	471.9	10	120	9.5	83.4	8	225.9	250	1000
Sulphate		1	99.2	1.5	53.8	0.3	56	2.4	76.7	200	400
Nitrate		BDL	16.2	0.1	4.5	0.19	21	BDL	17.2	45	45
Flouride		BDL	5.2	BDL	0.83	BDL	1.26	0.17	0.62	1	1.5
Calcium(as Ca)		2.9	88	4.8	30.4	1.9	46.4	6.4	36.8	75	200
Magnesium (as Mg)		1.5	57.3	1.5	48	1.6	112	1.5	35	30	100
Total Hardness (as $CaCO_3$)		10.9	328	16	176	6.5	220	16	168	200	600
Sodium		0.8	119.8	0.3	39.4	1.8	82	5.9	103.6	-	-
Potassium		0.7	56.9	0.6	10.5	0.2	50	2.1	115.5	-	-
Iron		0.01	14.92	BDL	13.59	BDL	13.97	0.04	10.88	0.3	0.3
Arsenic**		BDL	0.1467	BDL	0.003	BDL	0.004	BDL	0.004	0.01	0.05

** Arsenic analysis done at National Test House, Kolkata.

Table 5 shows the minimum and maximum values of 16 basic constituents of ground water in North Eastern region. Among the seven states the minimum value of pH (6.5) was observed in Assam where as the maximum pH (9.5) was also found in Assam which exceeds the permissible range of pH for drinking water, 6.5-8.5 (BIS10500:2012). In case of Total Dissolved Solids, the level of TDS in the entire North East was within permissible limit but in Assam some samples exceeded the acceptable limit as prescribed by BIS (2012). In case of Chloride, except Assam, the other states were in safe range (250 mg/L and 1000 mg/L). Fluoride contamination of Ground water was found to some extent in Assam (5.2 mg/L) where the value exceeds the permissible limit of 1.5 mg/L. In Assam and Meghalaya the total harness exceeded the acceptable limit (200 mg/L) but are well within the permissible limit as per BIS (2012) of 600 mg/L. In North-Eastern states the Calcium and magnesium content of groundwater were found to be within the permissible limit of, 200mg/L and 100mg/L respectively except in Meghalaya, the magnesium content (112 mg/L) exceeded the permissible limit. Iron contamination was found in maximum extent in North East. All the North eastern states depicted higher concentration of Iron exceeding the permissible limit of 0.3 mg/L. Maximum concentration of iron was observed in Assam (14.92 mg/L). In Assam distributions of iron in ground water with concentration of 1.0 to 3.0 mg/L was found all over the region whereas concentration of more than 3.0 mg/L was found mostly in Brahmaputra valley of Assam. However, the ground water qualities for other constituents in total NE regions were found within range for drinking purpose.

The samples were outsourced to National Test House Kolkata for Arsenic analysis and the result revealed that in some pockets of Assam the level of Arsenic in ground water is higher than the permissible limit of 0.05 mg/L. Highest concentration of Arsenic was found at Tipamia in Jorhat District (0.1467 mg/L).

No major changes were observed in the Chemical quality of the NE regions except in Fluoride and Turbidity in ground water and the changes may be due the rainfall and other related factors.

8. CONCLUSIONS

1. Seven states viz. Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura together form North Eastern Region occupying a geographical area of 2,55,083 sq. km. Most of the States are being hilly, only 30% of the total region is plain area. Assam is the only State in the region, which is occupied by 73% of plain area. In the Region, 678 stations are being monitored of which 461 are in Assam.
2. Geologically, the region is underlain by different formations, ranging in age from Archaean to Recent. More than 90% of the aquifers in the region belong to the Recent Alluvium and Tertiary Sandstones.
3. Hydro-geologically, the area is divided into Unconsolidated, Semi-consolidated and Consolidated Formations. In the entire area, about 31% area is covered by Unconsolidated Formations. Ground water occurs in unconfined to confined conditions. Major parts of Manipur, Nagaland, Mizoram, Tripura, parts of Arunachal Pradesh, Meghalaya and southern part of Assam States are underlain by Semi-consolidated Formations of Tertiary sandstone. In Consolidated Formations, ground water is restricted to the weathered residuum, joints and fractures.
4. During the year, 2015-16, the general depth to water level scenario in the region in March, 2015, depicts water level within 5.0 mbgl, in 71%, i.e. 325 stations show a depth range of 0 to 5 mbgl, out of which about 11.4% of the stations indicated water level within 2 mbgl and 59.6% stations between 2 and 5 mbgl. 108 (23.6%) stations recorded water level between 5 and 10 mbgl, most of which are located near the inselbergs. Water levels ranging between 10 and 20 mbgl were observed in 16 (3.5%) stations in East Siang, Lower Subansiri districts of Arunachal Pradesh, Dhubri and Kamrup Metro districts of Assam and piezometers of Dimapur, wokha districts of Nagaland and South Tripura ,West Tripura districts of Tripura. Also 9 (2 %) of GWMS ie.piezo meters of West Tripura and Nagaland shows water level at depths beyond 20m have been observed.

   The water level during post-monsoon period (November 2015) mostly ranges between 0 and 5 mbgl. Water level within 5 mbgl has been recorded in 382(88.6%) stations, out of which, 160(37.1%) stations recorded water level within 2 mbgl and 222 (51.5%) stations record water levels from 2 to 5 mbgl. 34 (7.9%) stations recorded water level in the range of 5 to 10 mbgl and 10 (2.3%) stations show water levels in the range of 10 to 20mbgl. 5 (1.2%) piezometers in Nagaland and Tripura shows water level beyond 20mbgl.

During post-monsoon as compared to that of pre-monsoon rise in water level within 4 m is recorded in 297(80.5%) stations. Rise is recorded within 2 m in 224 (60.7%) stations and in the range of 2 to 4m in 73(19.8%) stations. 32 (8.7%) stations shows more than 4mbgl rise in water level. 40 (10.8) stations shows fall in water level. out of that 36 (9.8%) stations shows 0 to 2 mbgl fall in, 2 (0.5%) stations shows 2-4 mbgl fall in and more than 4mbgl fall is observed in 2(0.5%) stations. 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 2015.

Water level monitored during November 2015 has been compared with mean water level data of preceding 10 years. The compared result indicates, in general, a rise in 140 (61.1%) stations and fall in 89 (38.9%) monitored stations. Rise within 2 m have been observed in 129(56.3%) stations and in the range of 2 to 4m in 9 (3.9%) stations respectively and beyond 4 m rise in 2 (0.9%) stations. Fall in water level with respect to decadal mean have been observed within 2m in 81(35.4%) stations in the range of 2m to 4m in 5(2.2%) stations and beyond 4 m fall in 3 (1.3%) stations

5. Water levels of post-monsoon for last 10 years were taken for trend analysis. A total number of 333 stations were analysed. During post monsoon period 121 stations show a declining water level trend mostly within 0.19m/year. Only 27 stations showed decline above 0.2m/year. Significant decline is not observed anywhere in the region. The rise is observed in 156 stations ranging mostly from 0.19m/year. 29 stations indicated rise above 0.2m/year.

6. Water levels of pre-monsoon for last 8 years were taken for trend analysis. A total number of 309 stations were analysed. During pre-monsoon period 123 stations show a declining water level trend mostly within 0.19m/year. Only 54 stations showed decline above 0.2m/year. Significant decline is not observed anywhere in the region. The rise is observed in 95 stations ranging mostly within 0.19m/year and 37 stations indicated rise above 0.2m/year.

7. 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.

8. Development of ground water in North Eastern Region is still in nascent stage. There is an ample scope for development of this replenishable natural resource. This region being hilly, only 30% of the existing valley area can be developed. In the hilly area, there is a very little scope for ground water development. However, the hilly terrain of the region is bestowed with many perennial springs, which can be developed for both the small-scale irrigation and domestic use. Moreover, rainfall in the region being quite sufficient, roof-top rain water harvesting May also is 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

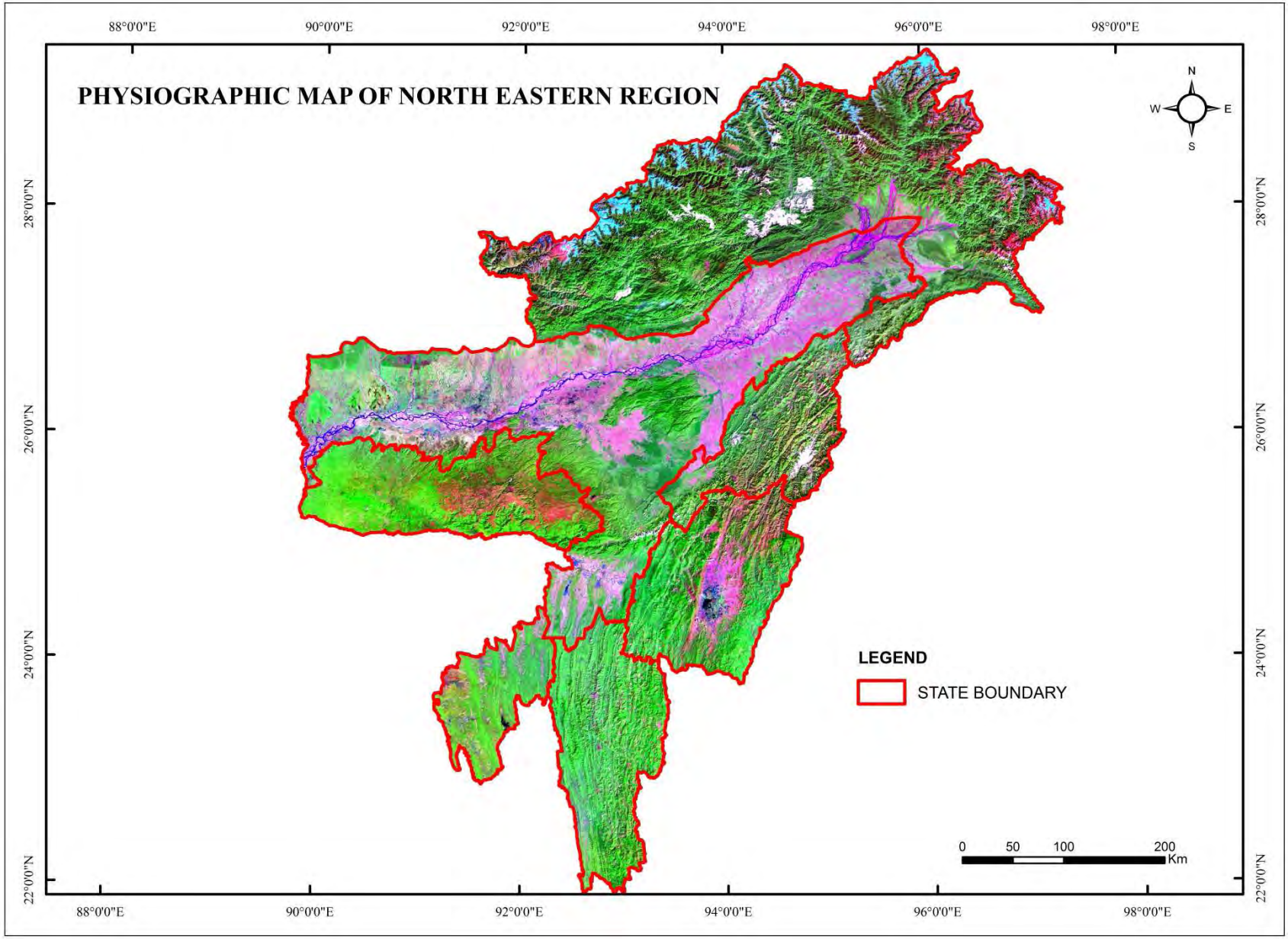

Fig.1 Physiographic Map of North Eastern Region

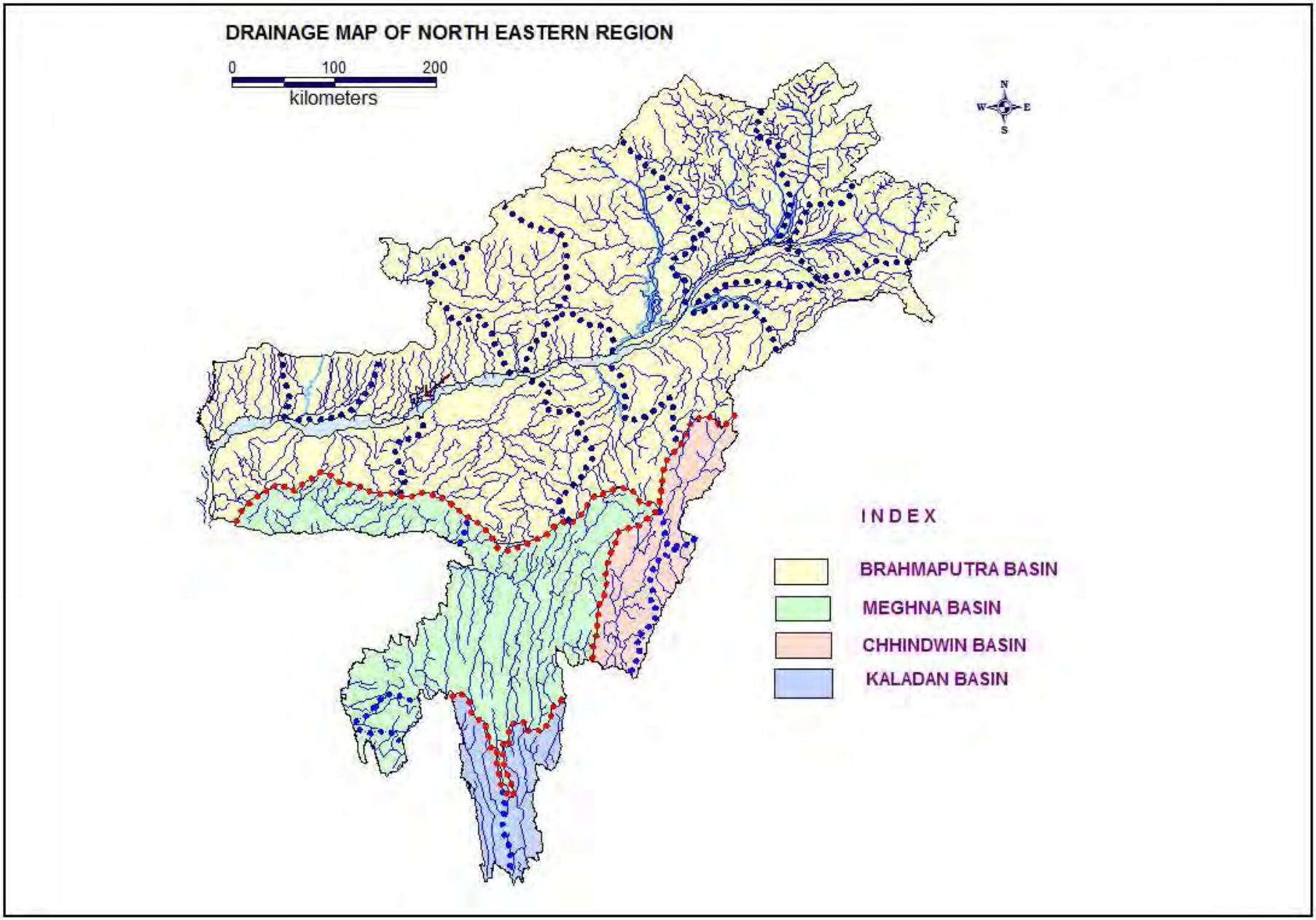

Fig.2 Drainage Map of North Eastern Region

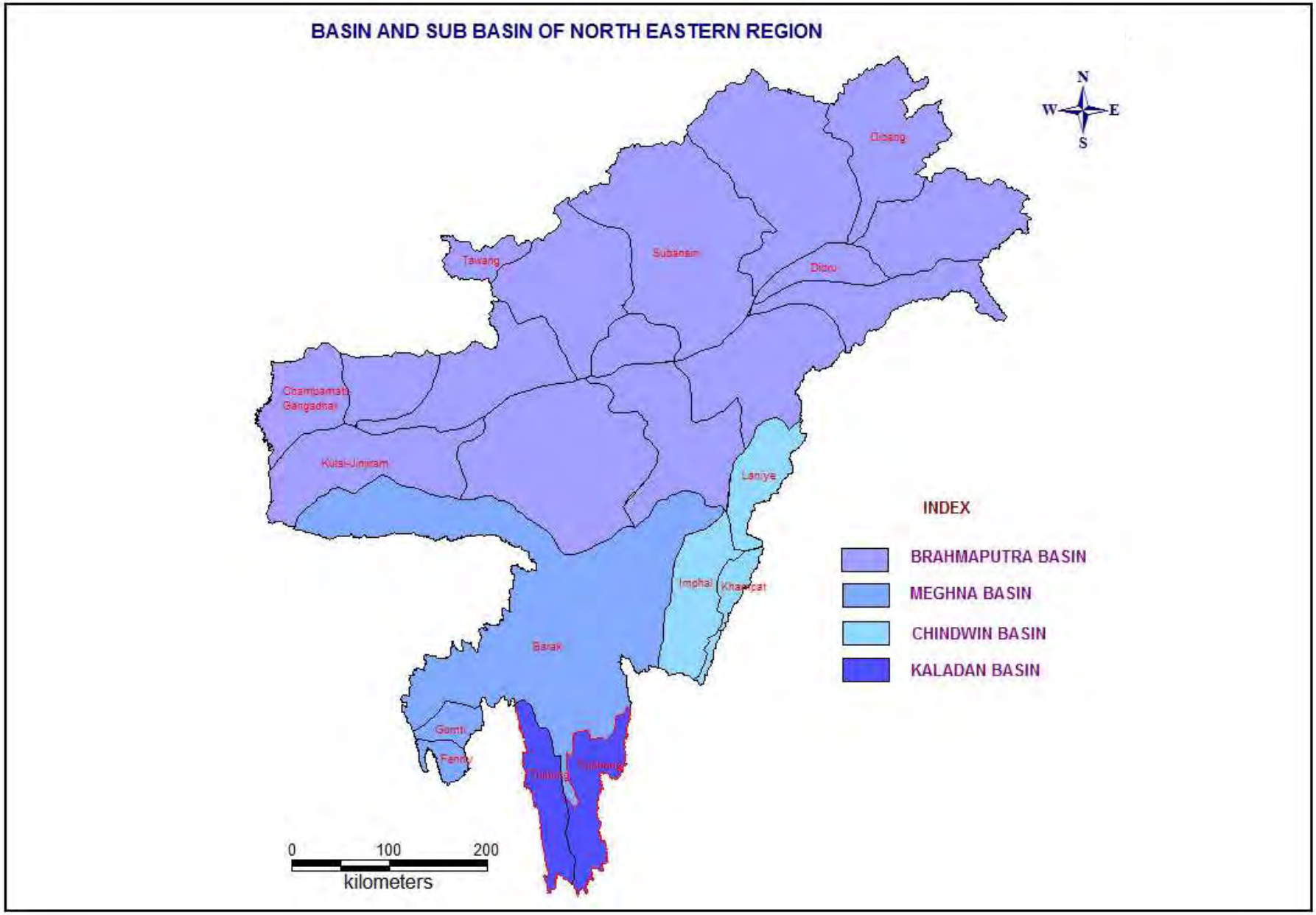

Fig.3 Basin & Sub-basin Map of North Eastern Region

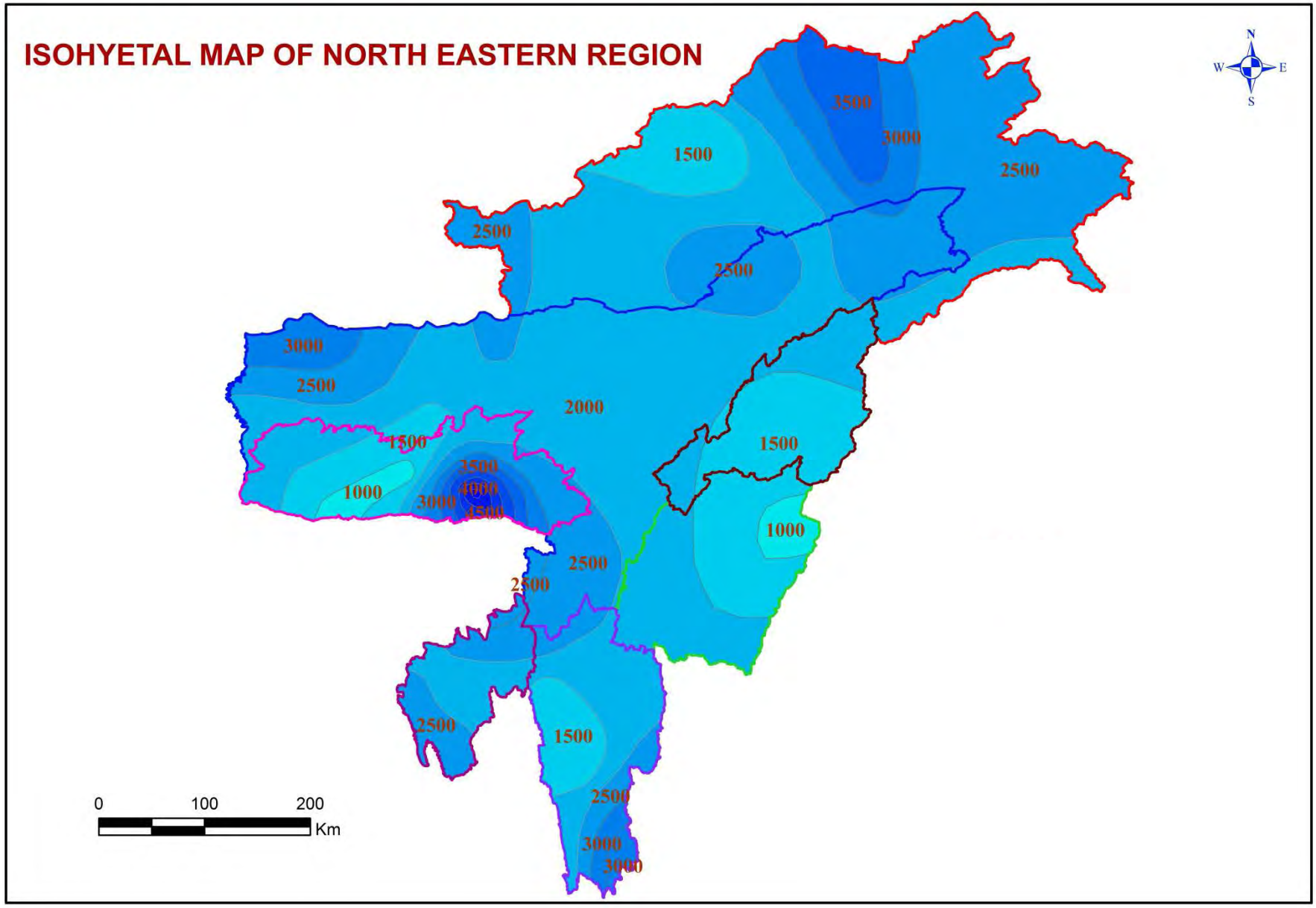

Fig.4 Isohyet (Rainfall Distribution) Map of North Eastern

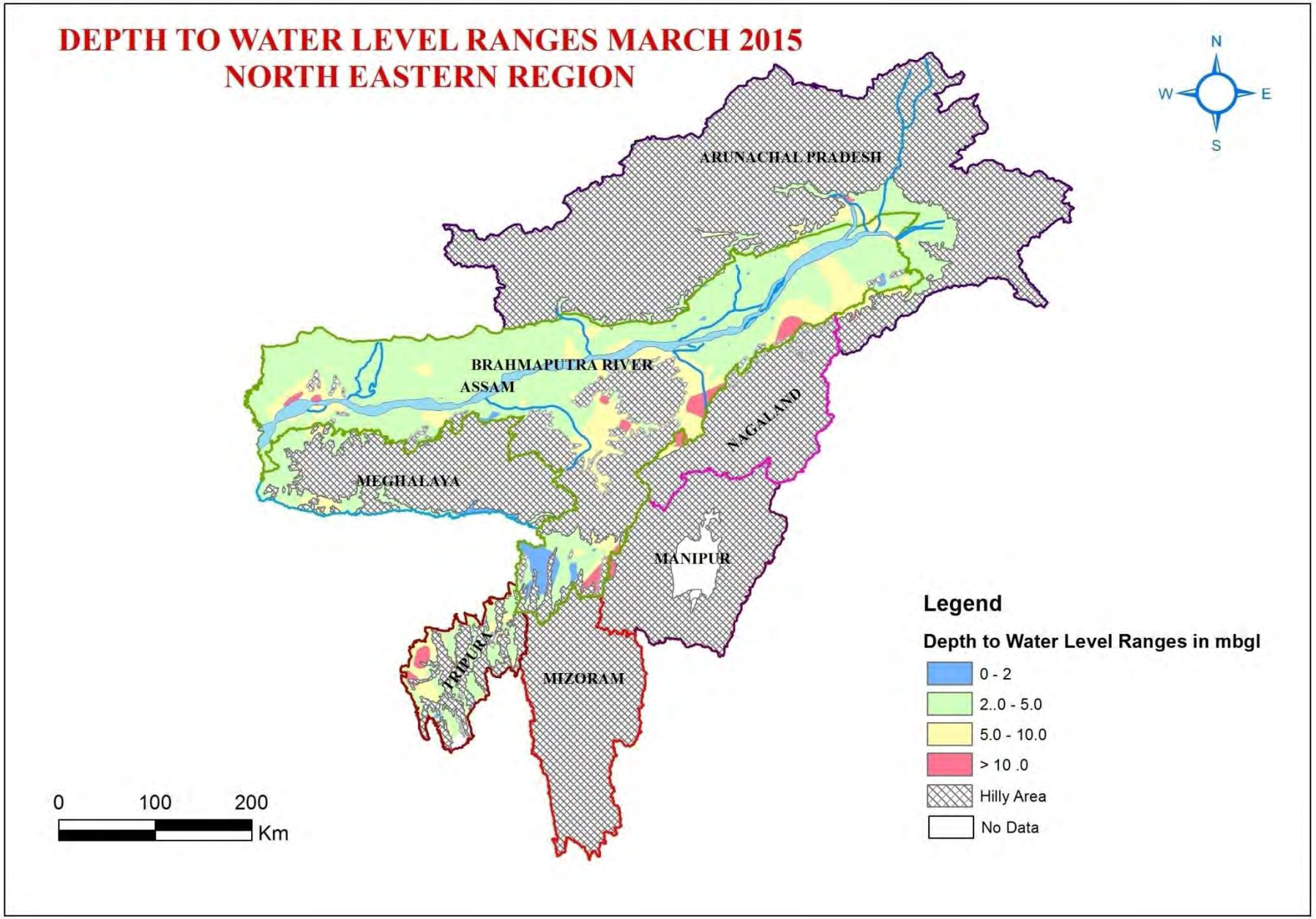

Fig.5 Depth to Water Level, March 2015 Map of North Eastern Region

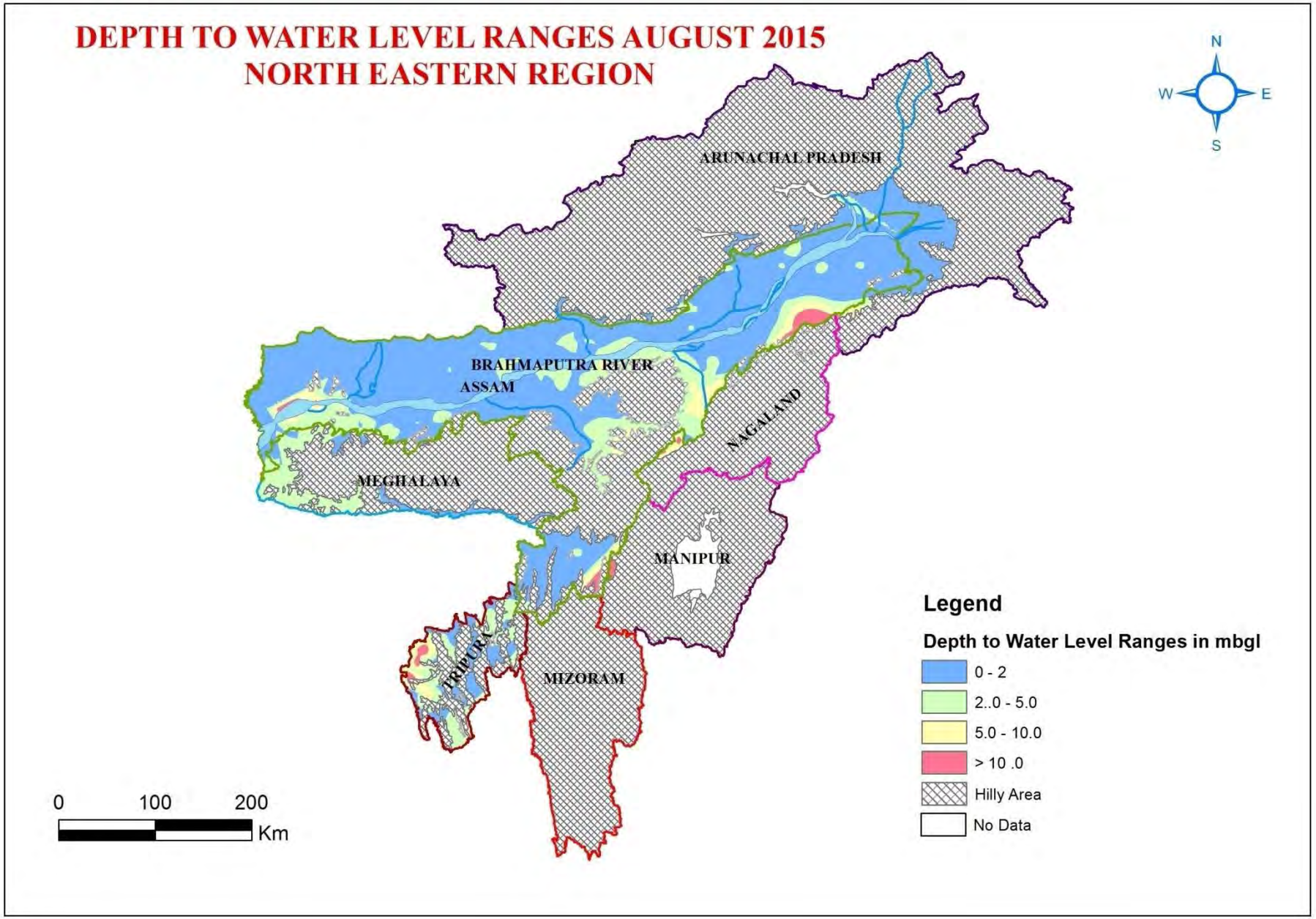

Fig.6 Depth to Water Level, August 2015 Map of North Eastern Region

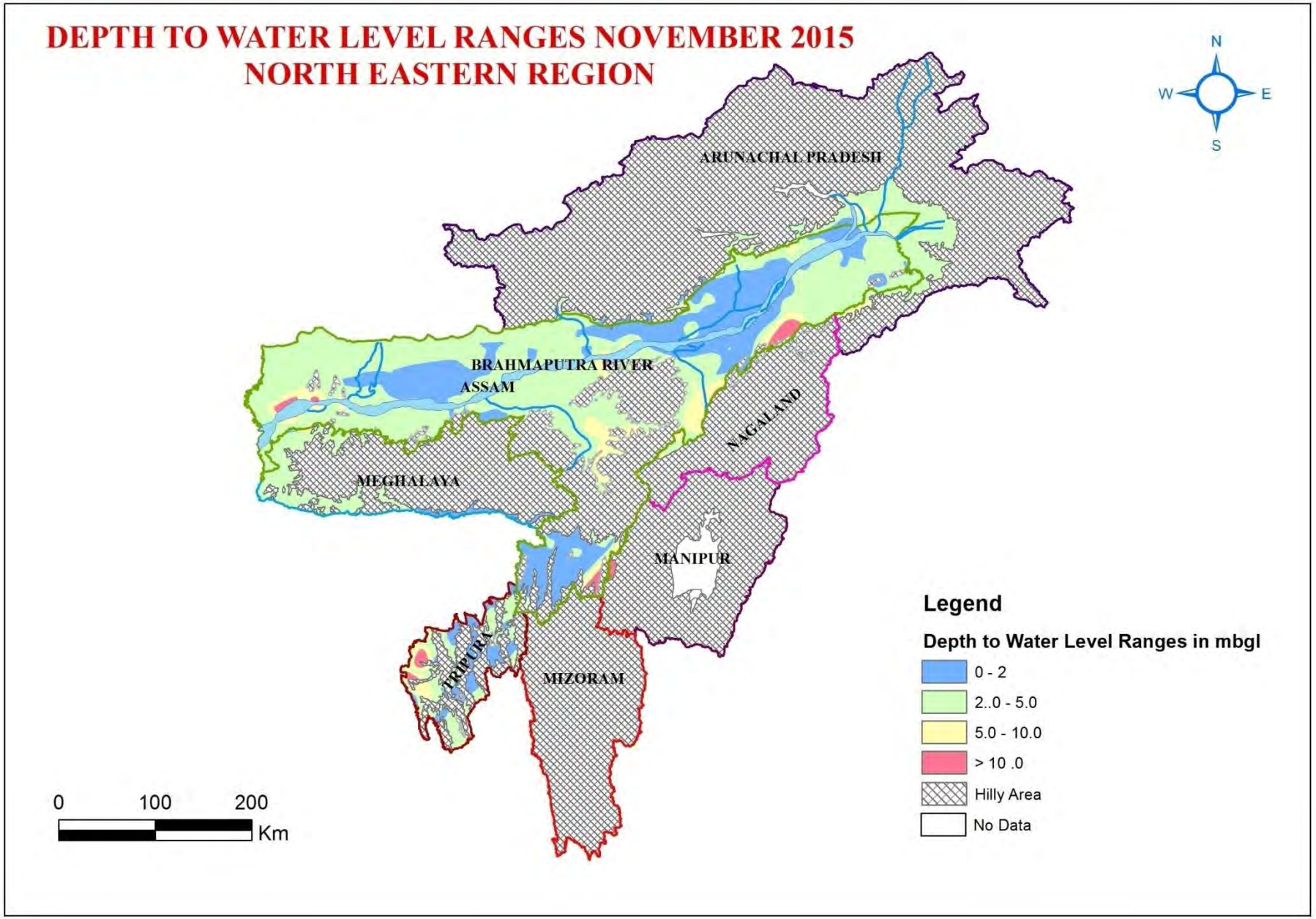

Fig.7 Depth to Water Level, November 2015 Map of North Eastern Region

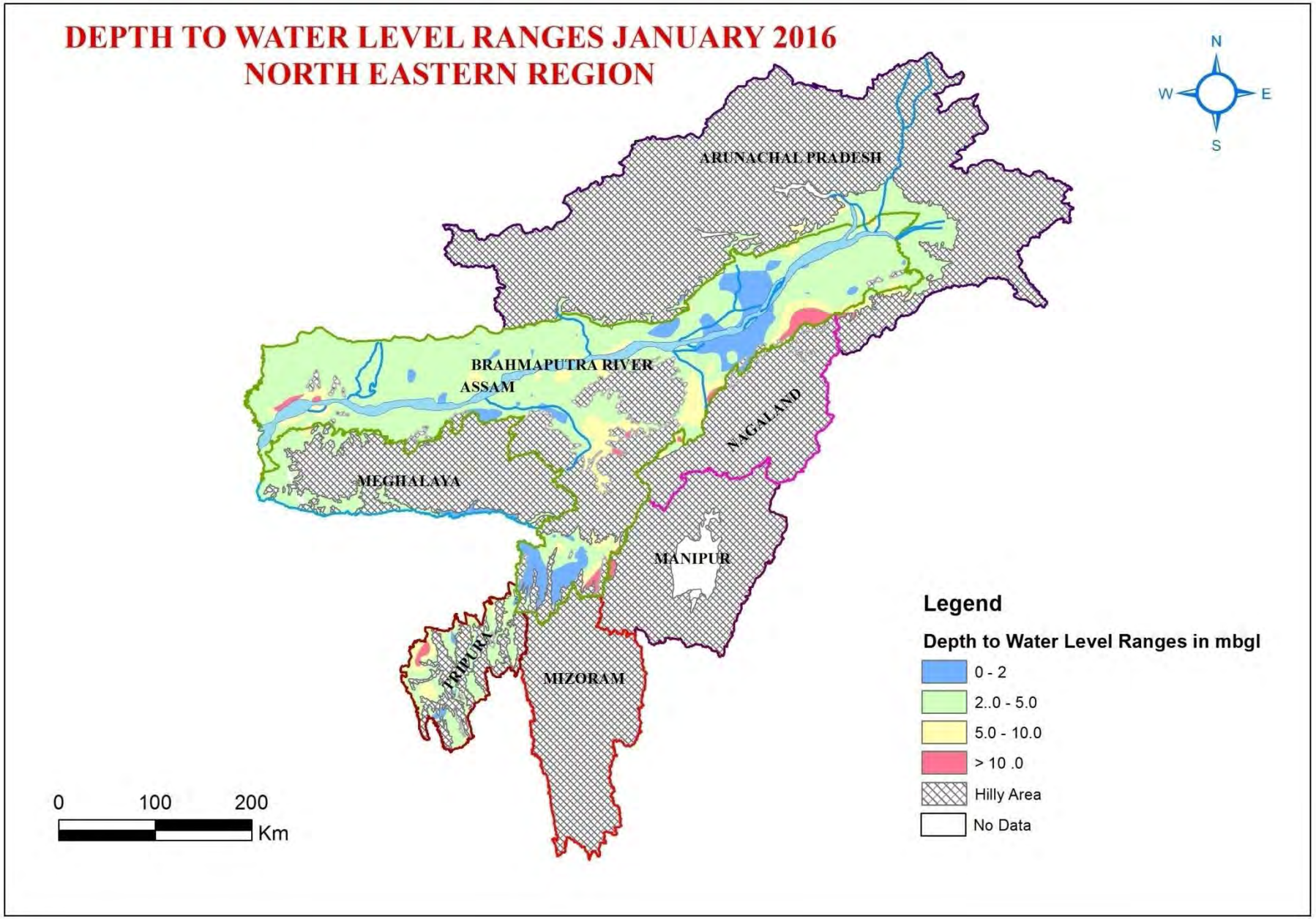

Fig.8 Depth to Water Level, January 2016 Map of North Easter Region

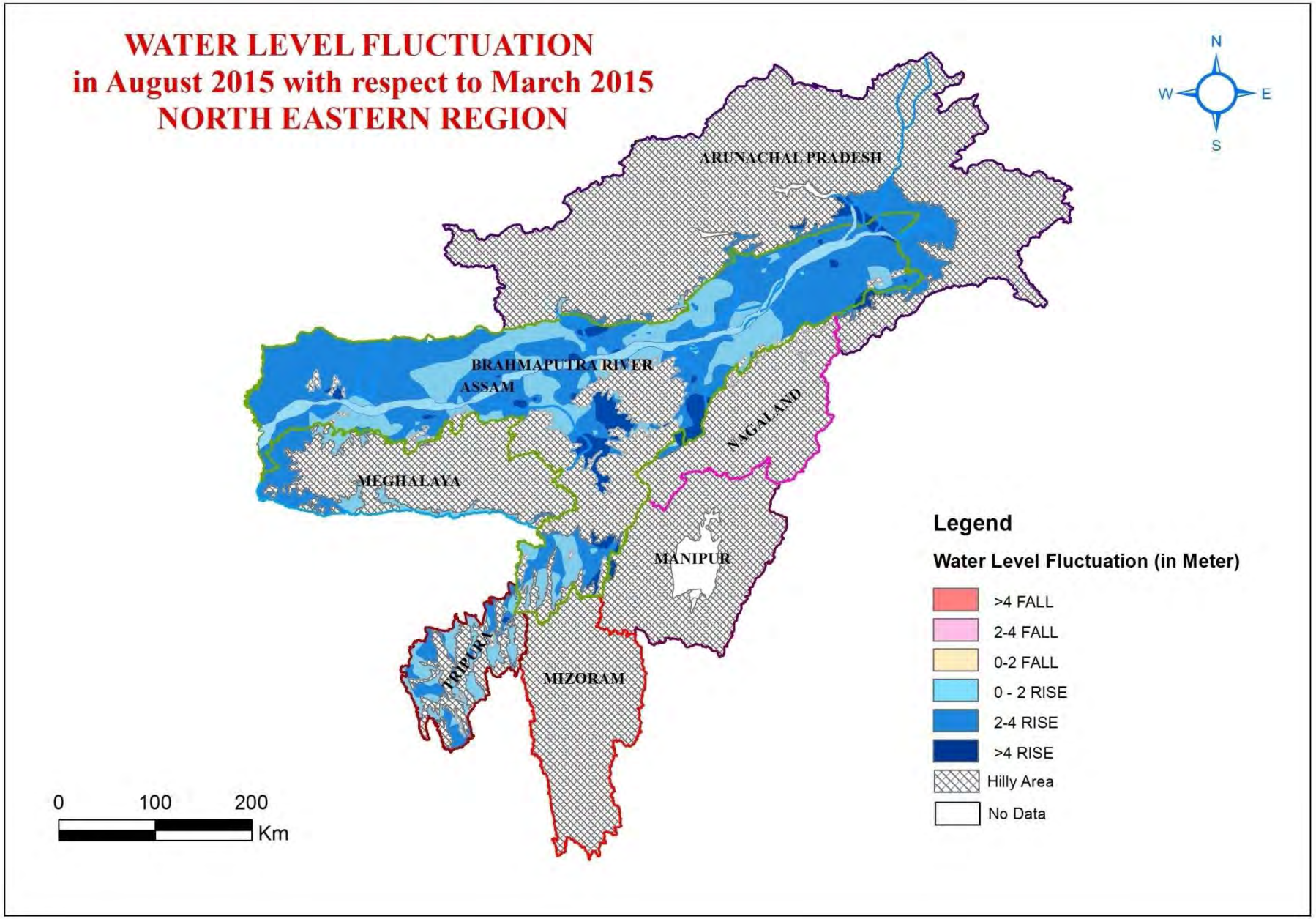

Fig.9 Water Level Fluctuation in August 2015 with respect to March 2015

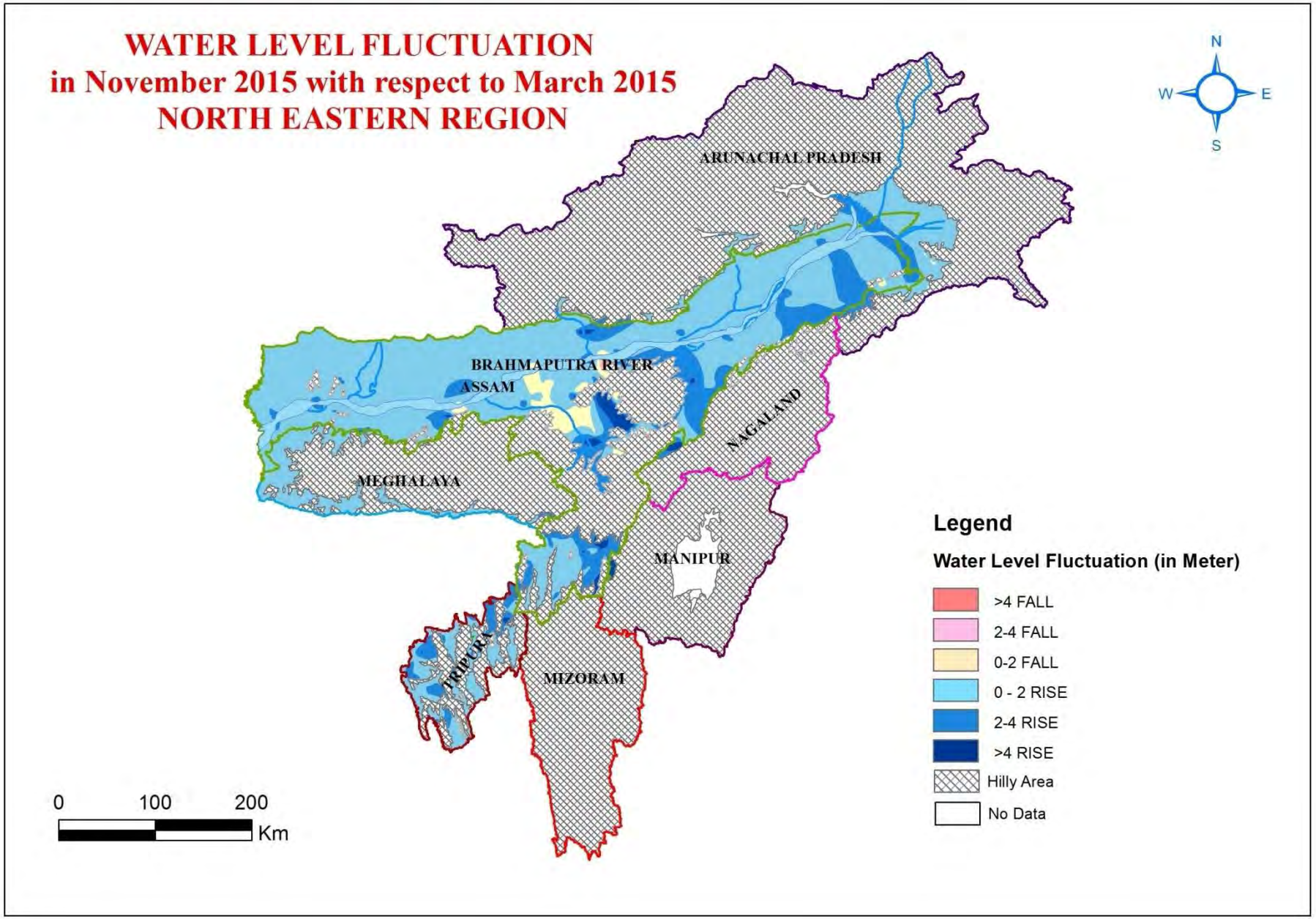

Fig.10 Water Level Fluctuation in November 2015 with respect to March 2015

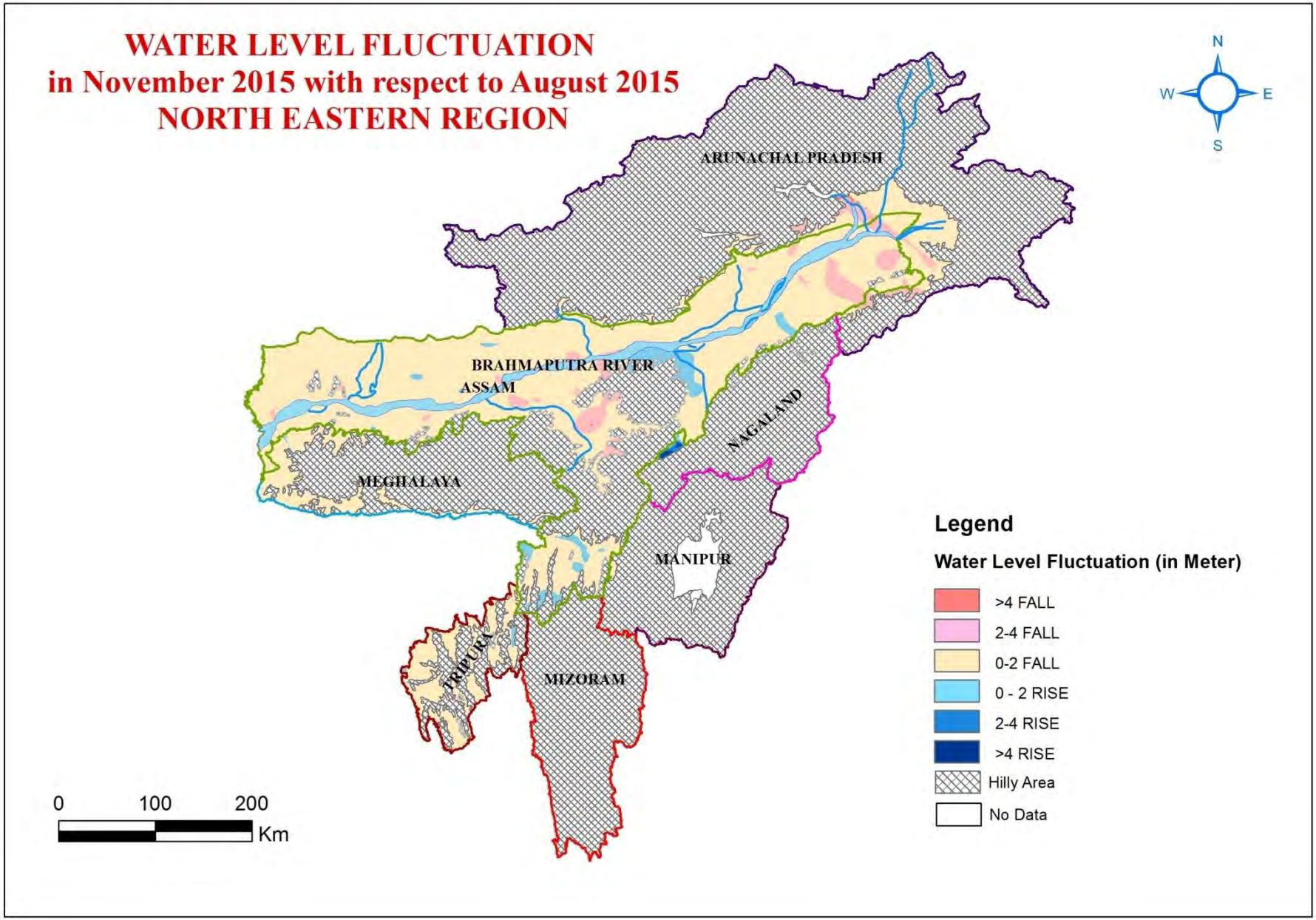

Fig.11 Water Level Fluctuation in November 2015 with respect to August 2015

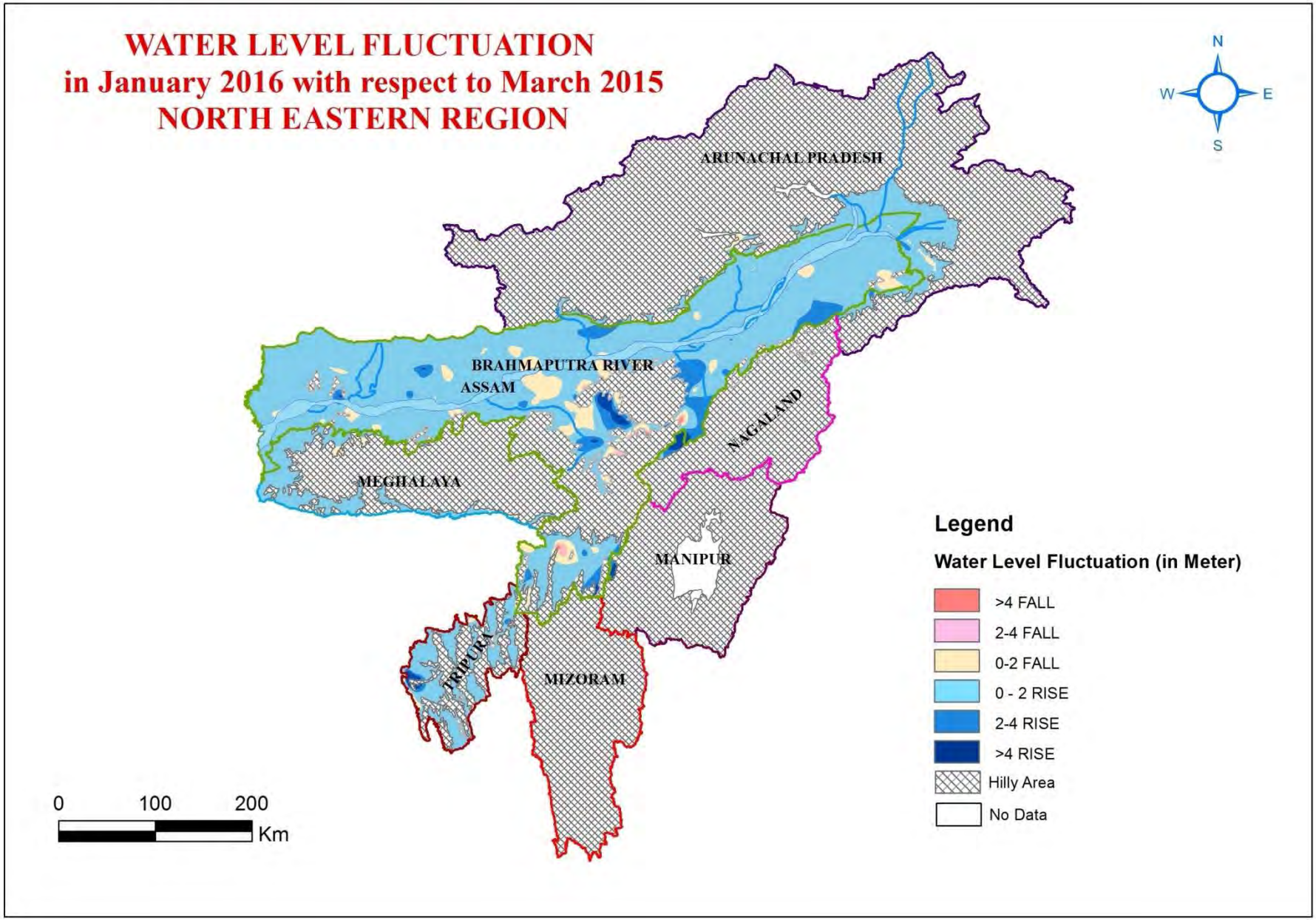

Fig.12 Water Level Fluctuation in January 2016 with respect to March 2015

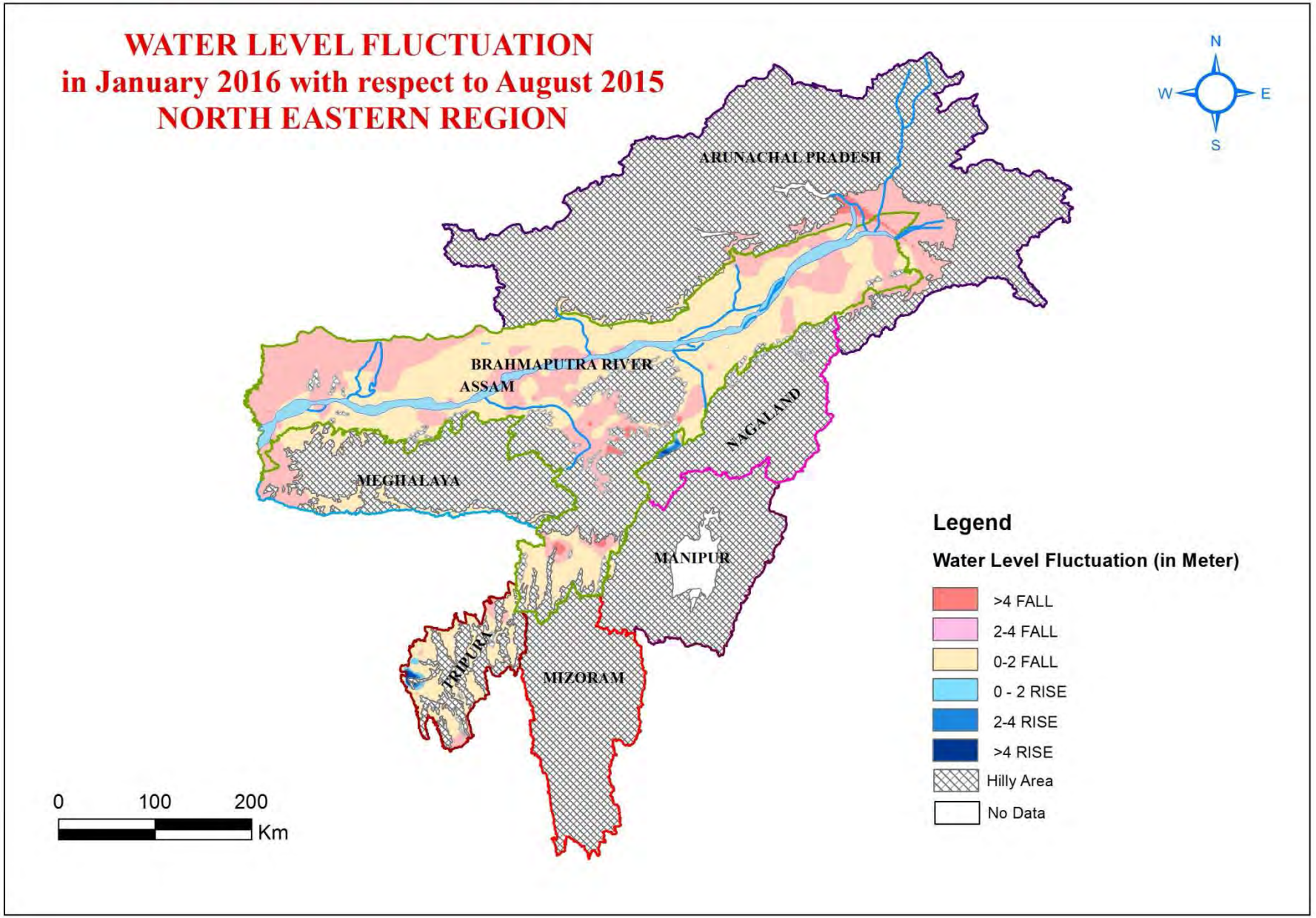

Fig.13 Water Level Fluctuation in January 2016 with respect to August 2015

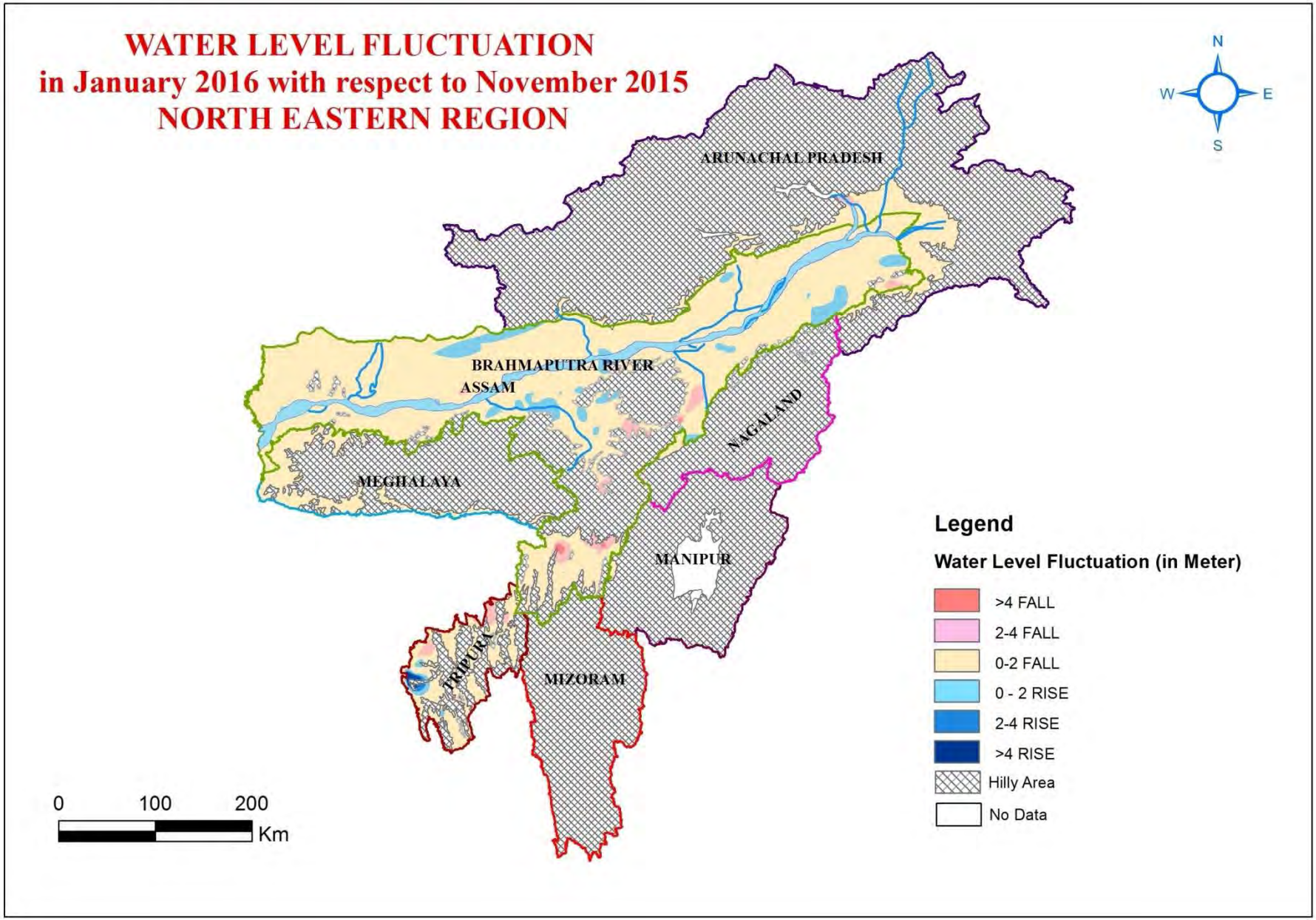

Fig.14 Water Level Fluctuation in January 2016 with respect to November 2015

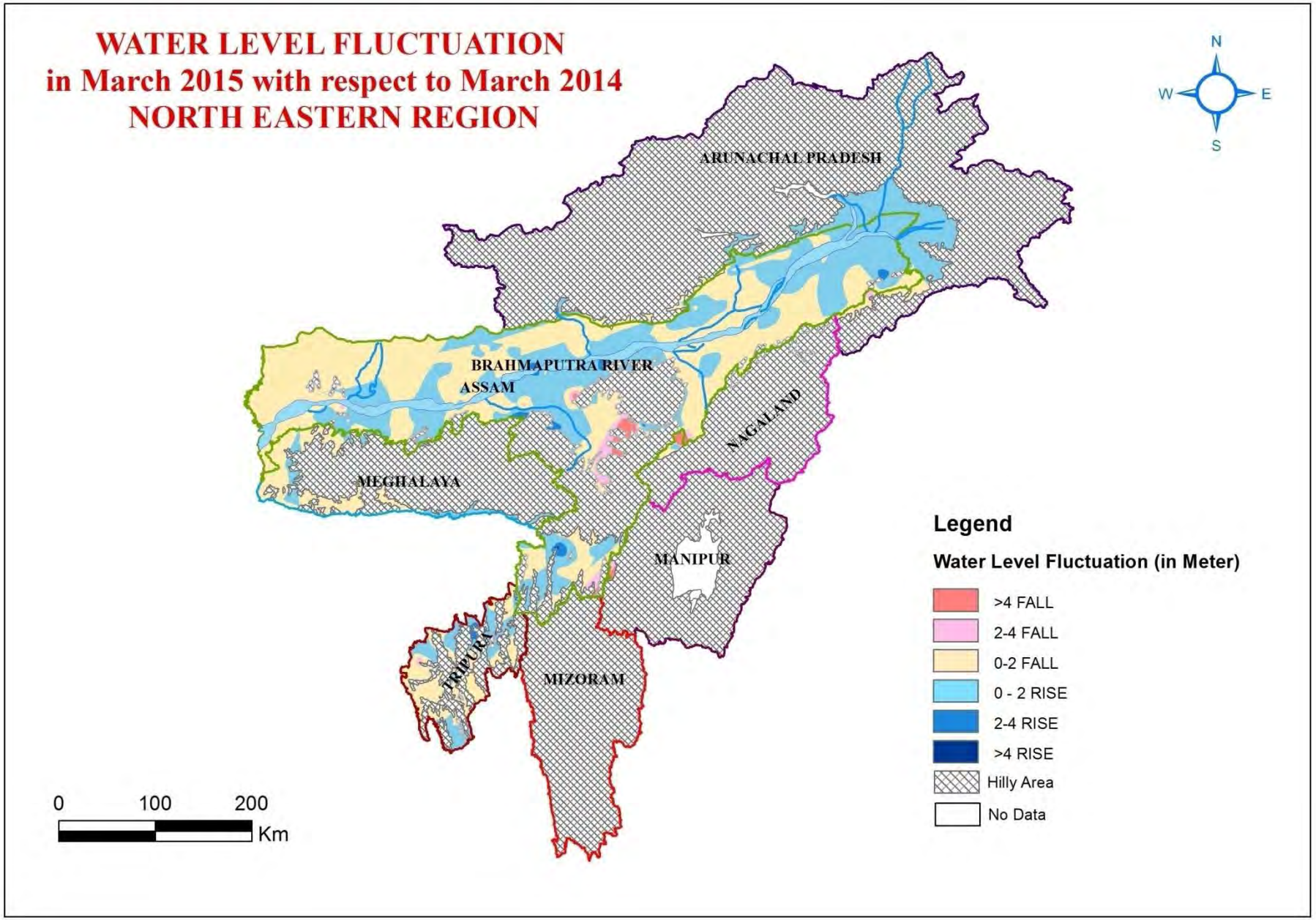

Fig.15 Water Level Fluctuation in March 2015 with respect to March 2014

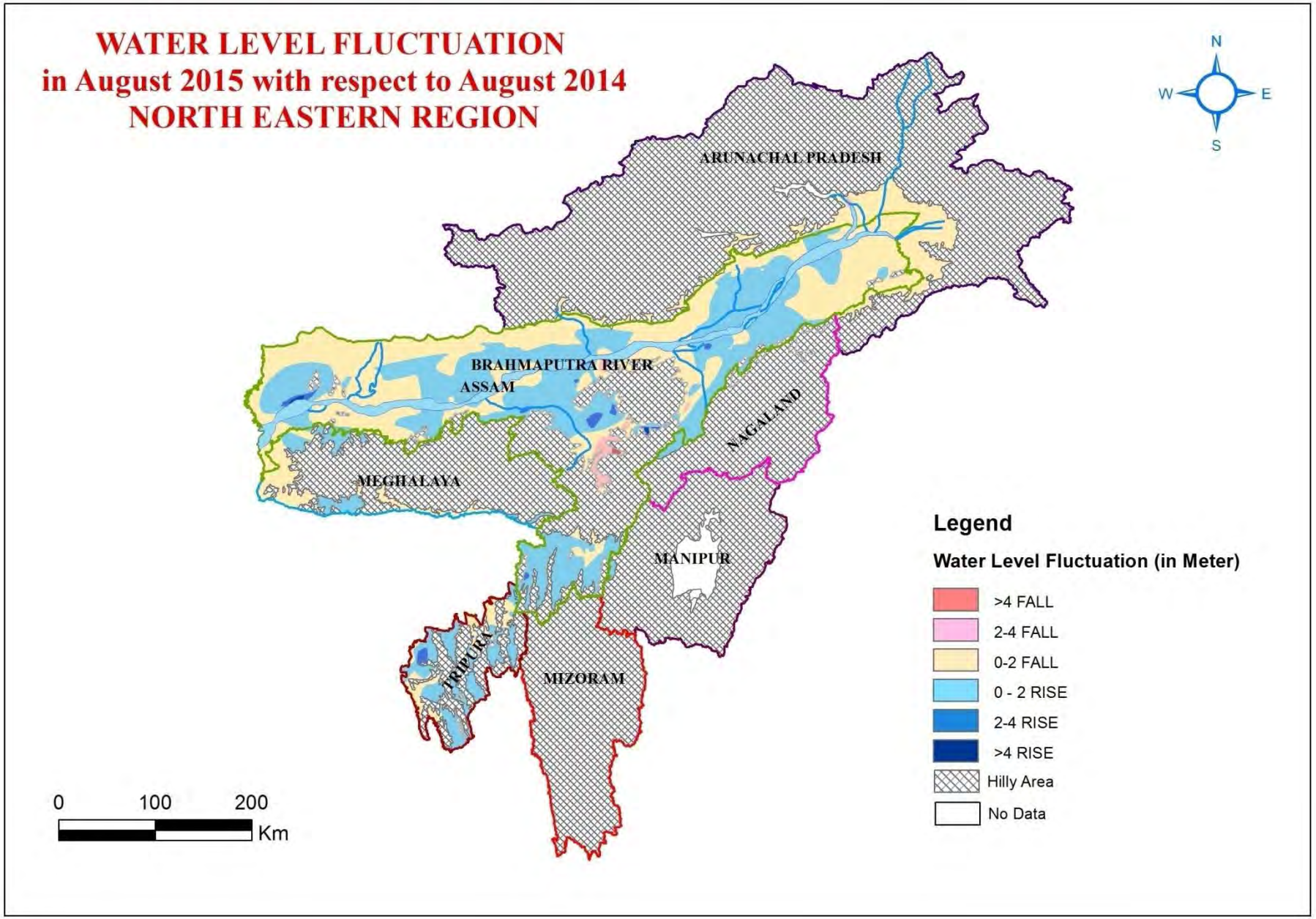

Fig.16 Water Level Fluctuation in August 2015 with respect to August 2014

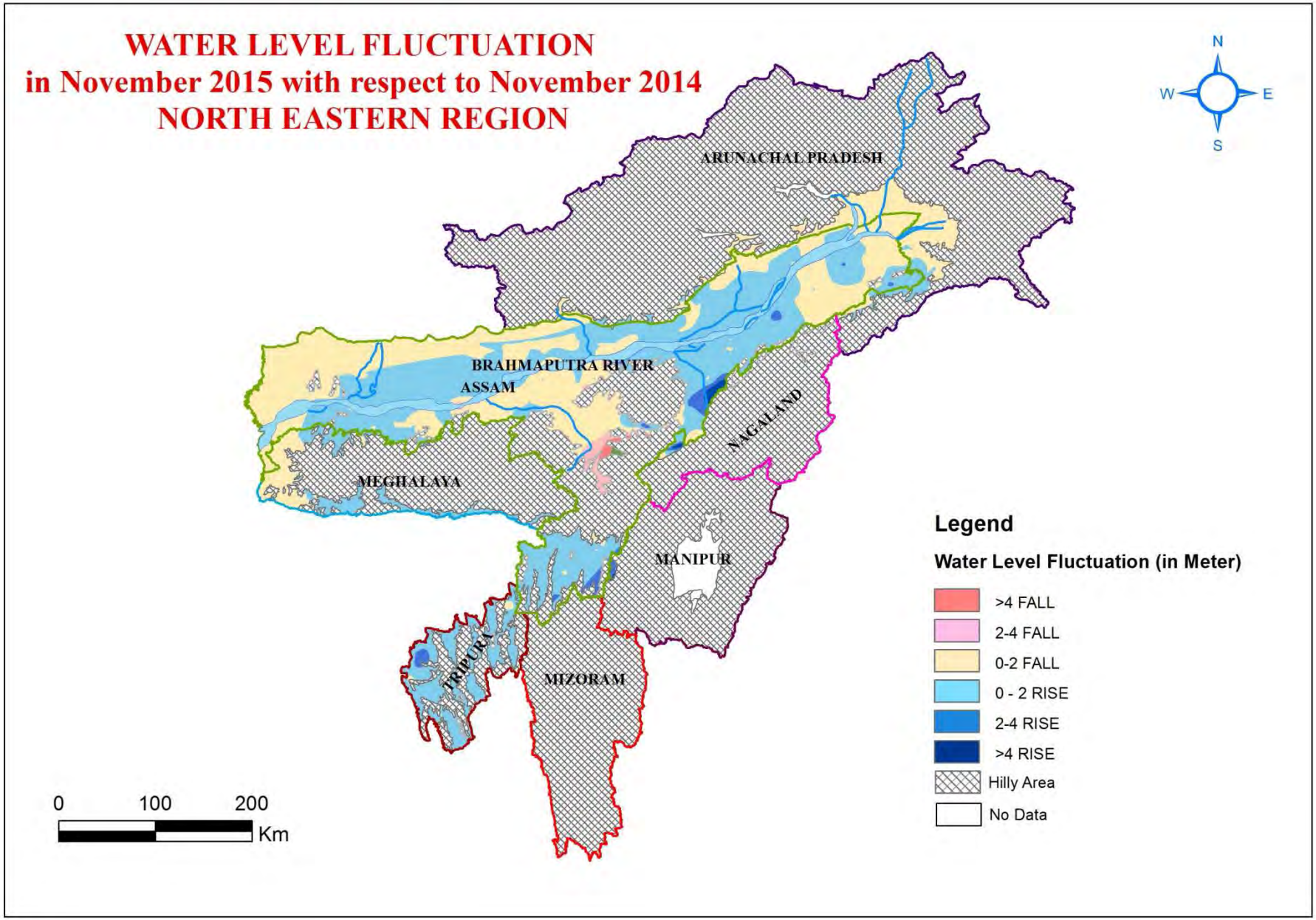

Fig.17 Water Level Fluctuation in November 2015 with respect to November 2014

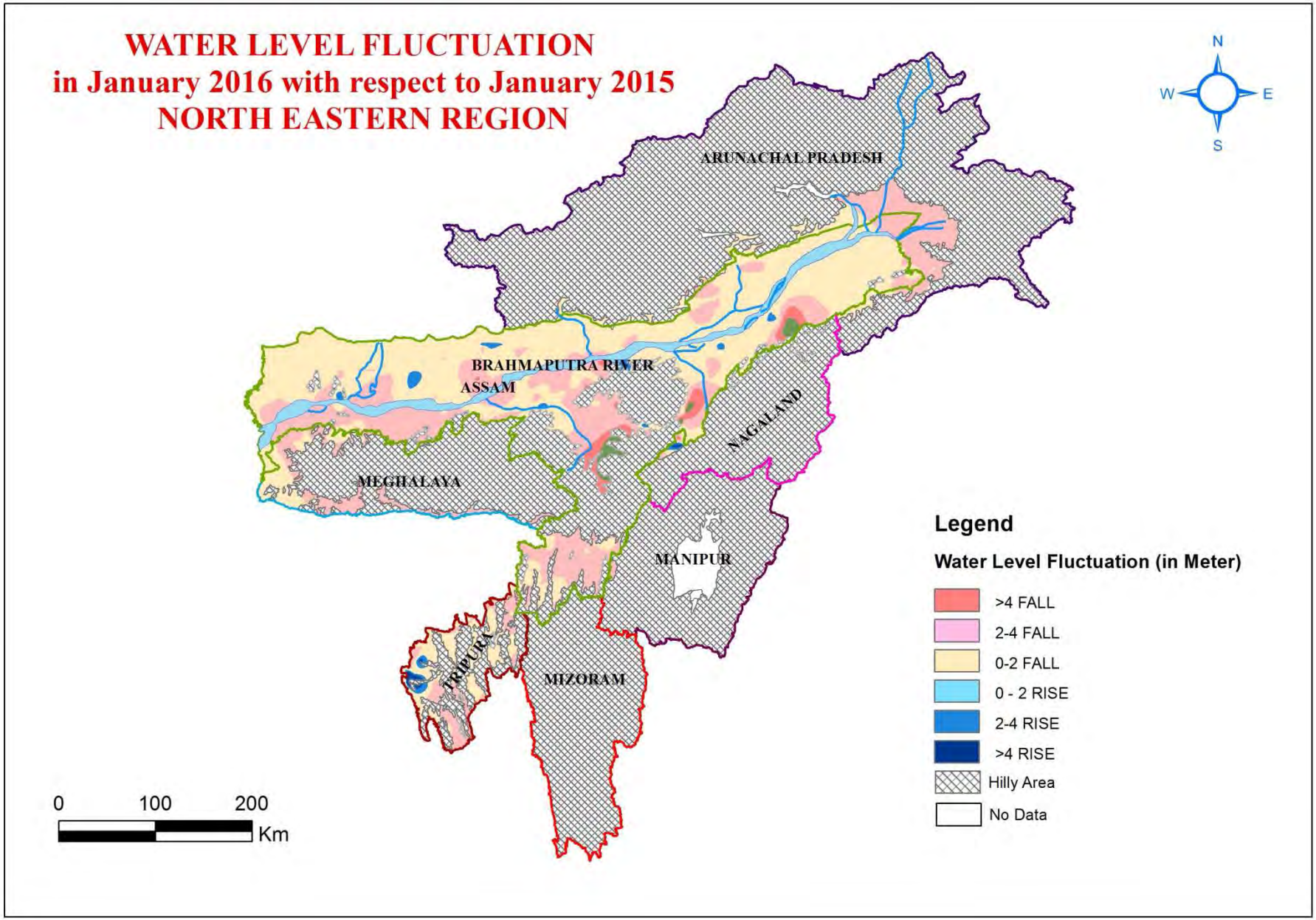

Fig.18 Water Level Fluctuation in January 2016 with respect to January 2015

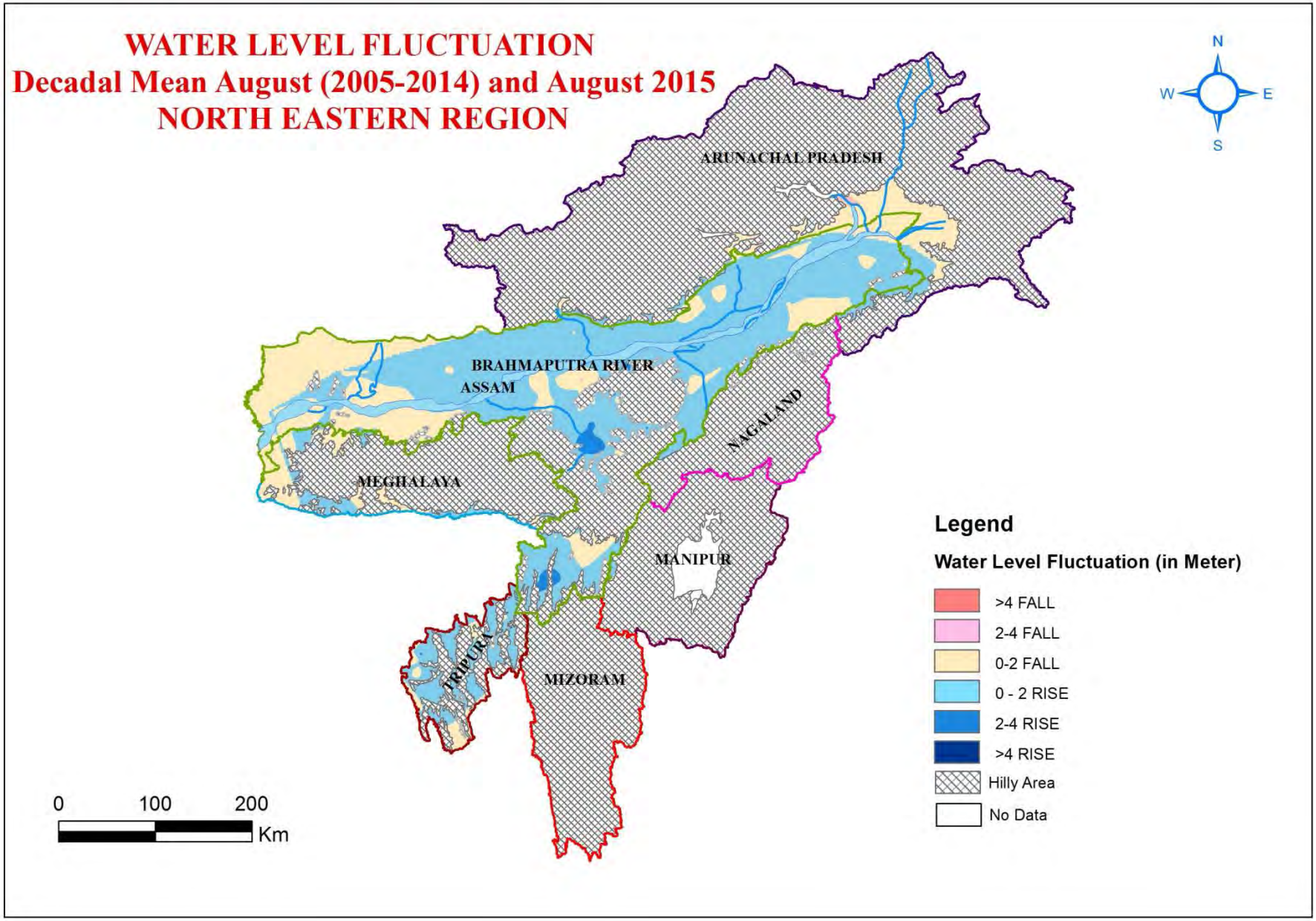

Fig.19 Water Level Fluctuation in August 2015 with respect to Decadal Mean (Aug 05-2014)

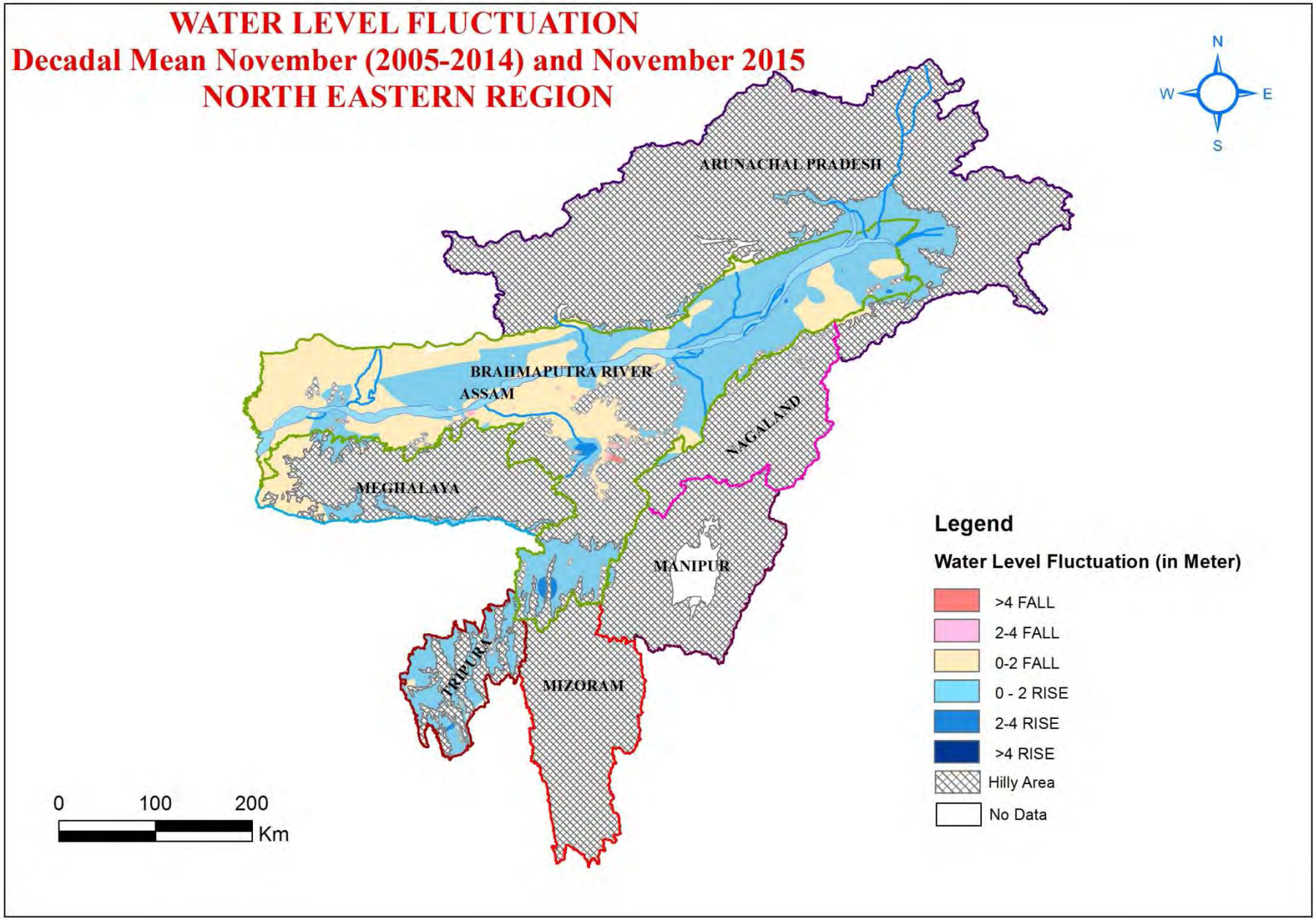

Fig.20 Water Level Fluctuation in November 2015 with respect to Decadal Mean (Nov 05-2014)

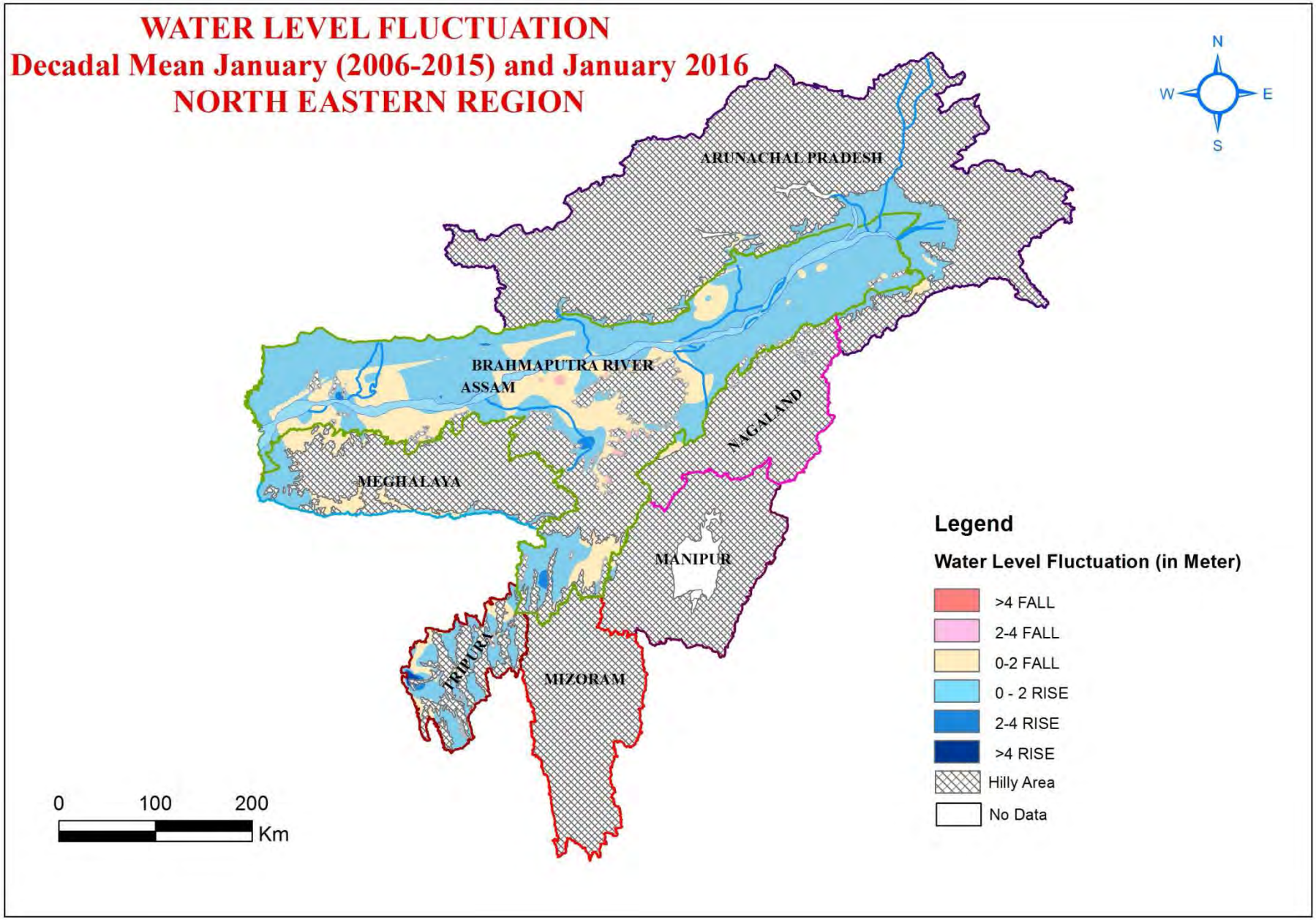

Fig.21 Water Level Fluctuation in January 2016 with respect to Decadal Mean (Jan 06-2015)

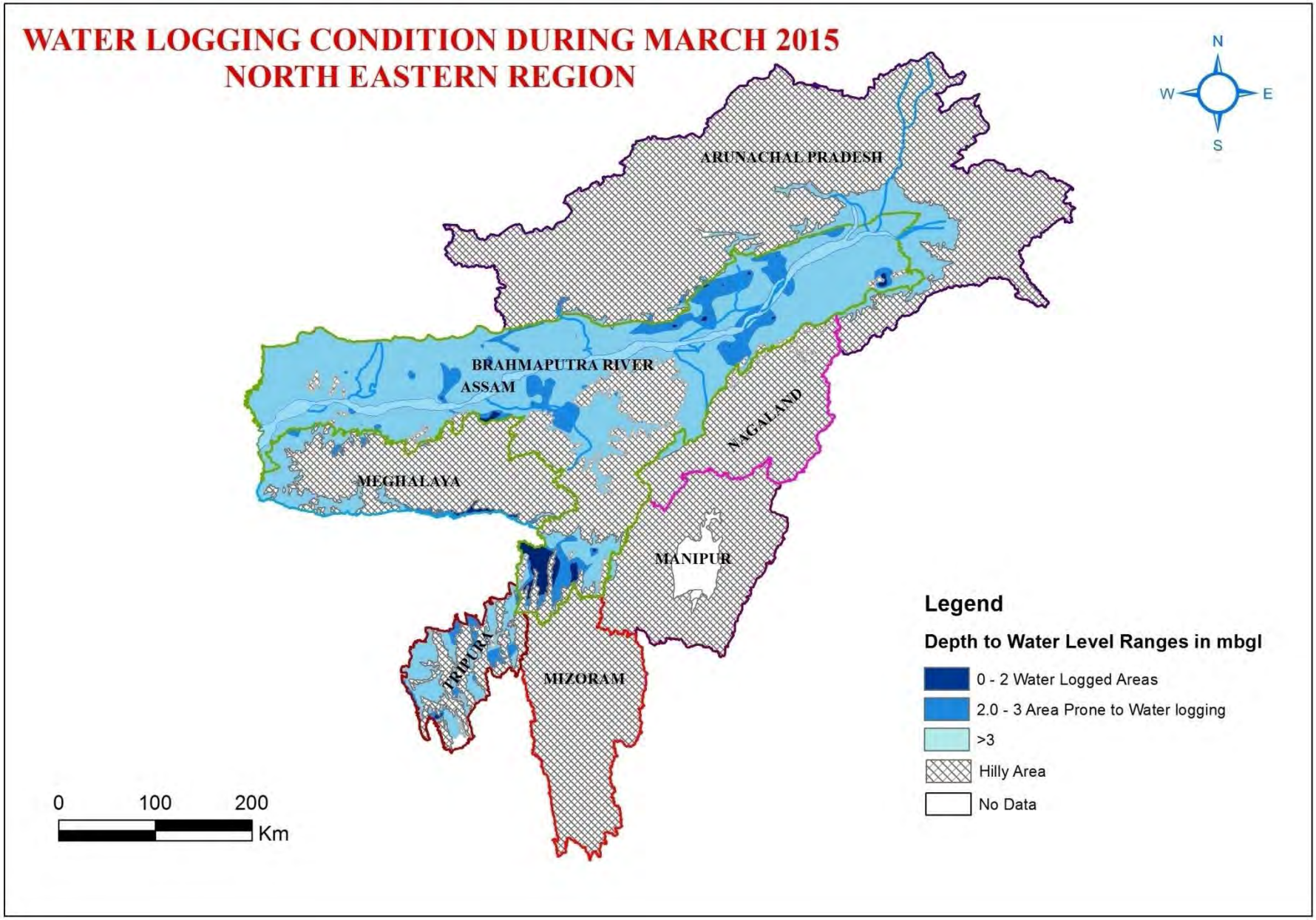

Fig.22 Water Logging Condition during Pre Monsoon (March 2015)

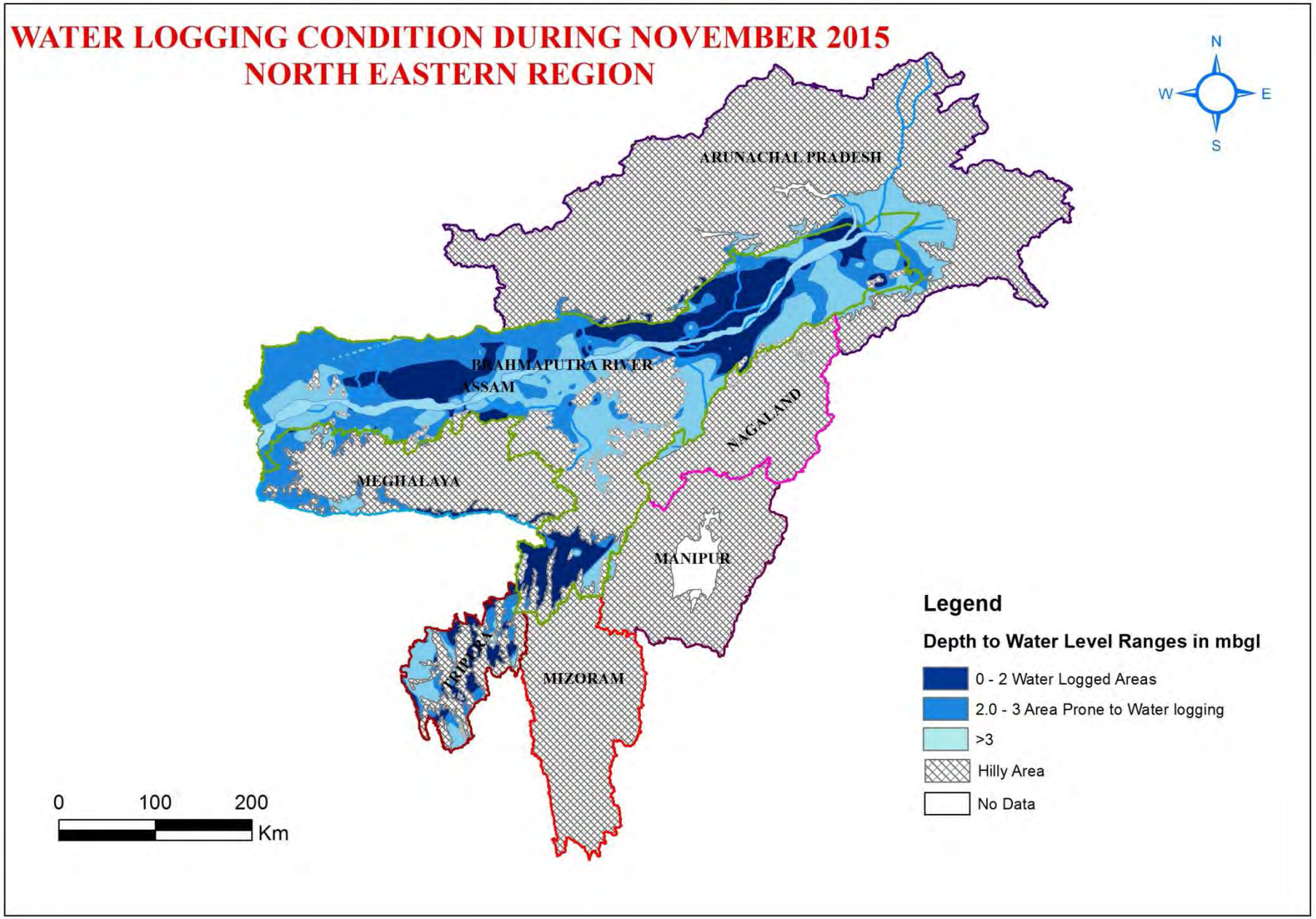

Fig.23 Water Logging Condition during Post Monsoon (November 2015)

ANNEXURE-I

DETAILS OF GROUND WATER MONITORING WELLS IN NORTH EASTERN REGION

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Arunachal Pradesh								
Changlang								
Jairampur	92A4A1	Dug	1.10	185.65	27°12'30"	96°02'30"	Alluvium	Brahmaputra
Namchik	92A3A1	Dug	1.20	162.32	27°25'00"	96°02'45"	Alluvium	Brahmaputra
Namphai	92A3A2	Dug	0.70	199.15	27°27'30"	96°06'30"	Alluvium	Brahmaputra
Newlisan Kharsang	92A2A1	Dug	1.00		27°30'00"	96°08'00"	Alluvium	Brahmaputra
East Siang								
7th Mile(berrung)	83M1B4A	Dug	0.37				Alluvium	Brahmaputra
Berung	83M1B4	Dug	0.78		27°59'11"	95°20'06"	Alluvium	Brahmaputra
Oyen	ARES12	Dug	1.00	125	27°52'32"	95°18'41"	Alluvium	Brahmaputra
Pasighat- III	ARES16	Dug	0.70	188	27°03'52"	95°18'37"	Alluvium	Brahmaputra
Pasighat New	ARES02A	Dug	0.29	157.995	28°09'05"	95°17'45"	Alluvium	Brahmaputra
Pasighat-II	ARES15	Dug	0.70	153	28°03'03"	95°20'10"	Alluvium	Brahmaputra
Ruksin	ARES11	Dug	0.95	121	27°50'16"	95°12'32"	Alluvium	Brahmaputra
Satmile	ARES17	Dug	0.37		27°58'40"	95°19'52"	Alluvium	Brahmaputra
Sika Baman Todee	ARES14	Dug	0.91	130	27°54'48"	95°20'37"	Alluvium	Brahmaputra
Lohit								
Lathow	83M2D1	Dug	0.86	143.245	27°40'00"	95°52'30"	Alluvium	Brahmaputra
Lower Subansiri								
Bomte	ARLSO3	Dug	1.27				Alluvium	Brahmaputra
Kolaputkar	ARLS01	Dug	1.00				Alluvium	Brahmaputra
Rajgarh	ARLSO2	Dug	0.83				Alluvium	Brahmaputra
Papumpare								
Banderedewa I	ARPP04	Dug	0.57		27°06'19"	93°49'33"	Alluvium	Brahmaputra
Chimpu	ARPP13	Dug	0.38		27°06'01"	93°42'00"	Sandstone	Brahmaputra
Itanagar I	ARPP10	Dug	0.80		27°06'14"	93°38'30"	Alluvium	Brahmaputra
Itanagar II	ARPP11	Dug	1.50		27°05'34"	93°37'29"	Alluvium	Brahmaputra
Kimin	83E3D2	Dug	0.95	150.05	27°18'30"	93°58'10"	Alluvium	Brahmaputra
Naharlagun I	ARPP08	Dug	0.55		27°06'11"	93°41'41"	Alluvium	Brahmaputra
Nirjuli Vill IIA	ARPP06	Dug	0.80		27°07'52"	93°43'59"	Alluvium	Brahmaputra
Nirjuli Vill IIB	ARPP07	Dug	1.02		27°07'48"	93°44'01"	Alluvium	Brahmaputra
Sonajuli	83E4C1	Dug	0.62	117.225	27°02'45"	93°41'15"	Alluvium	Brahmaputra
Tirap								
Borduria	83M4B3	Dug	0.98	229.735	27°01'00"	95°28'00"	Alluvium	Brahmaputra
Deomali	83M4C1	Dug	0.87	148.855	27°12'00"	95°31'30"	Alluvium	Brahmaputra
Hukanjuri	83M4B4	Dug	0.82	239.35	27°00'30"	95°28'00"	Alluvium	Brahmaputra
Mapaya	83M4C2	Dug	0.84		27°14'04"	95°33'11"	Alluvium	Brahmaputra
Assam								
Baksha								
Barama	78N2B3	Dug	0.64	53.13	26°31'30"	91°22'04"	Alluvium	Brahmaputra
Jhargaon	ASBS01	Dug	0.95		26°35'00"	91°35'15"	Alluvium	Brahmaputra
Barpeta								
Bhawanipur	78N3A1	Dug	0.80	48.1	26°29'05"	91°04'00"	Alluvium	Brahmaputra
Daulasal	ASBP14	Dug	1.07		26°16'06"	91°14'03"	Alluvium	Brahmaputra
Daulasal OW	ASBP15	Tube	0.80		26°16'08"	91°13'17"	Alluvium	Brahmaputra
Dhupguri(Galia)	ASBP13	Dug	0.98		26°25'30"	91°02'00"	Alluvium	Brahmaputra
Goraimari	78N2A4	Dug	0.60		26°36'40"	91°07'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Hastinapur	78N2A5	Dug	0.79		26°30'05"	91°07'10"	Alluvium	Brahmaputra
Hudukata	78N2A3	Dug	0.99		26°36'10"	91°06'20"	Alluvium	Brahmaputra
Nityanada OW	ASBP18	Tube	0.70		26°33'07"	91°12'52"	Alluvium	Brahmaputra
Patacharkuchi	ASBP16	Tube	1.00		26°30'20"	91°14'51"	Alluvium	Brahmaputra
Sarupeta	78N3A6	Dug	0.76		26°29'55"	91°04'30"	Alluvium	Brahmaputra
Simla	78N2A1	Dug	0.97	53.11	26°41'00"	91°13'00"	Alluvium	Brahmaputra
Sorbhog	78J3D4	Dug	0.82		26°28'30"	90°54'10"	Alluvium	Brahmaputra
Ujanborbori	78N2A2	Dug	1.20	51.46	26°36'00"	91°06'00"	Alluvium	Brahmaputra
Bongaigaon								
Abhayapuri	78J3C2	Dug	1.04	38.94	26°22'00"	90°38'00"	Alluvium	Brahmaputra
Baitamari	78J3C1	Dug	0.86	44.45	26°22'00"	90°34'00"	Alluvium	Brahmaputra
Bijni	78J3C5	Dug	0.90		26°29'30"	90°42'30"	Alluvium	Brahmaputra
Bongaigaon New	78J3C9	Dug	0.83		26°29'30"	90°33'00"	Alluvium	Brahmaputra
Chalantapara	78J3C4	Dug	1.10		26°16'00"	90°35'30"	Alluvium	Brahmaputra
Chaprakata	78J3C7	Dug	0.92		26°29'20"	90°37'00"	Alluvium	Brahmaputra
Chaprakata (Dankinamari)	ASBN10	Dug	0.65		26°29'14"	90°38'00"	Alluvium	Brahmaputra
Majgaon	ASBN11	Dug	0.90		26°25'08"	90°35'27"	Alluvium	Brahmaputra
Manikpur	78J3D1	Dug	1.00	43.88	26°28'00"	90°46'30"	Alluvium	Brahmaputra
Medhipara(Deo)	78J3C6	Dug	0.44		26°18'25"	90°39'15"	Alluvium	Brahmaputra
North salmara	78J3C8	Dug	0.65		26°21'30"	90°37'00"	Alluvium	Brahmaputra
Cachar								
Atalbasti	ASCR35	Dug	0.86				Alluvium	Meghna
Badribasti	83D1D7	Dug	1.00	22.28	24°48'35"	92°53'30"	Alluvium	Meghna
Badribasti OW	83D1D8	Tube	0.50	21.74	24°48'37"	92°53'28"	Sandstone	Meghna
Borjalinga	83D2D1	Dug	1.00	21.39	24°33'30"	92°48'00"	Alluvium	Meghna
Borkhola	83D1C8	Dug	0.65	21.03	24°56'20"	92°44'30"	Alluvium	Meghna
Dargakuna	ASCR25	Dug	0.73		24°41'47"	92°45'28"	Alluvium	Meghna
Digharkhal	83D1C3	Dug	0.85	22.735	24°59'20"	92°30'00"	Alluvium	Meghna
Fulertol	ASCR37	Dug	0.70				Alluvium	Meghna
Ghungoor TW	83D1D10	Tube	0.61	26.62	24°47'20"	92°47'54"	Sandstone	Meghna
Gosaipur Part-II	ASCR34	Dug	0.92		24°51'13"	92°51'17"	Alluvium	Meghna
Hilara	ASCR26	Dug	0.58	15	24°55'65"	92°35'43"	Alluvium	Meghna
Kalain	83D1C14	Dug	0.60	18.72	24°58'20"	92°35'00"	Alluvium	Meghna
Kalain PZ	83D1C13	Tube	0.51	18.22	24°57'30"	92°35'05"	Sandstone	Meghna
Kashipur	ASCR31	Dug	0.94		24°48'49"	92°51'40"	Alluvium	Meghna
Katigora	ASCR27	Dug	0.85				Alluvium	Meghna
Masimpur	ASCR23	Dug	0.60				Alluvium	Meghna
Moinarbond	83D1D6	Dug	1.00		24°52'47"	92°53'05"	Alluvium	Meghna
Nagdirgram	ASCR39	Dug	0.65		24°40'48"	92°52'48"	Alluvium	Meghna
Poilapul	83H1A9	Dug	0.85	27	24°50'10"	93°01'55"	Alluvium	Meghna
Razabazar	83H1A7	Dug	0.75		24°52'00"	93°03'00"	Alluvium	Meghna
Shivachal	ASCR28	Dug	0.75		24°49'55"	92°43'56"	Alluvium	Meghna
Shivtila	83H1A4	Dug	0.85	25.415	24°50'00"	93°00'15"	Alluvium	Meghna
Silcoorie	ASCR38	Dug	0.85		24°43'06"	92°46'37"	Sandstone	Meghna
Silkuri Pz	83D2D3	Tube	0.74	20	24°43'00"	92°47'00"	Sandstone	Meghna
Tarapur	ASCR32	Dug	1.15		24°49'47"	92°58'45"	Alluvium	Meghna
Darrang								
Amjuli colony	78N1D2	Dug	0.75	179.175	26°49'00"	91°59'20"	Alluvium	Brahmaputra
Bengbari	78N2D10	Dug	1.00	104.875	26°43'25"	91°59'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Bhakatpara Ow	ASDR33	Tube	0.65		26°32'20"	92°04'40"	Alluvium	Brahmaputra
Bhalukmari-I	83B2A7	Dug	0.82		26°41'55"	92°13'50"	Alluvium	Brahmaputra
Chamuapara	83B3A2	Dug	1.00	61.395	26°29'00"	92°00'06"	Alluvium	Brahmaputra
Dalgaon	83B2A2	Dug	0.73	68.477	26°33'03"	92°12'30"	Alluvium	Brahmaputra
Dharmajuli TG	78N2D5	Dug	1.26	120.105	26°44'00"	91°45'20"	Alluvium	Brahmaputra
Dimakuchi	78N2D7	Dug	1.34	123.765	26°44'50"	91°50'00"	Alluvium	Brahmaputra
Dingdongpara	78N2D8	Dug	1.04	98.74	26°42'30"	91°50'30"	Alluvium	Brahmaputra
Gelabil (Thelamara)	83B2B6	Dug	0.73		26°42'50"	92°17'45"	Alluvium	Brahmaputra
Goroibari	ASDR31	Dug	0.46		26°45'05"	92°08'30"	Alluvium	Brahmaputra
Hatitopagaon	83B1B1	Dug	0.76	140.86	26°50'41"	92°19'16"	Alluvium	Brahmaputra
Kalaigaon	78N2D3	Dug	0.77	69.22	26°34'30"	91°58'00"	Alluvium	Brahmaputra
Kendurtal	78N2D11	Dug	1.27	68.995	26°36'00"	91°56'00"	Alluvium	Brahmaputra
Khoirabari	78N2D6	Dug	1.09	75.535	26°36'20"	91°49'00"	Alluvium	Brahmaputra
Madanpur OW	ASKM55	Tube	0.87		26°43'12"	91°16'07"	Alluvium	Brahmaputra
Madhupur	83B2A6	Dug	0.75		26°36'10"	92°14'20"	Alluvium	Brahmaputra
Majgaon OW	ASDR34	Tube	0.55		26°28'30"	92°04'56"	Alluvium	Brahmaputra
Mangaldoi	83B3A1	Dug	0.65	55.59	26°26'00"	92°02'00"	Alluvium	Brahmaputra
Mangaldoi II	83B3A3	Dug	0.83	56.07	26°25'48"	92°01'15"	Alluvium	Brahmaputra
Nij Ghagrapar	78N1D1	Dug	0.82	117.2	26°45'10"	91°58'30"	Alluvium	Brahmaputra
Orang	83B2B1	Dug	0.65	85.169	26°42'50"	92°19'30"	Alluvium	Brahmaputra
Paneri	78N2D9	Dug	0.95	106.68	26°43'15"	91°55'00"	Alluvium	Brahmaputra
Paneri TG	78N2D1	Dug	0.69	128.47	26°45'00"	91°54'00"	Alluvium	Brahmaputra
Rowta chariali	83B2A3	Dug	0.82	100.825	26°45'02"	91°53'00"	Alluvium	Brahmaputra
Sinnangpara	83B2A5	Dug	0.95	92.345	26°40'00"	92°03'00"	Alluvium	Brahmaputra
Thekerabari .1	83B2A1	Dug	0.91	59.88	26°39'00"	91°54'30"	Alluvium	Brahmaputra
Udalguri	83B2A4	Dug	0.84	107.855	26°45'00"	92°06'30"	Alluvium	Brahmaputra
Dhemaji								
Akajan	83I2D1	Dug	1.10	105.66	27°31'30"	94°46'00"	Alluvium	Brahmaputra
Bhagaban charali	83I2D2	Dug	1.05		27°38'15"	94°47'44"	Alluvium	Brahmaputra
Bijoypur	83M1A3	Dug	1.00	122.285	27°45'10"	95°08'20"	Alluvium	Brahmaputra
Bokabil Ow	ASDM24	Tube	0.80		27°29'50"	94°32'30"	Alluvium	Brahmaputra
Bordoloni	83I3B1	Dug	1.25	95.12	27°24'30"	94°24'00"	Alluvium	Brahmaputra
Chengali Pather Ow	ASDM23	Tube	0.76		27°26'10"	94°31'30"	Alluvium	Brahmaputra
Dekapam	ASDM21	Dug	0.50	140	27°44'57"	94°55'20"	Alluvium	Brahmaputra
Dhakuakhana1	ASDM07	Dug	0.73		27°12'16"	94°51'21"	Alluvium	Brahmaputra
Dhemaji 2	ASDM 23	Dug	1.21	89	27°30'42"	94°35'16"	Alluvium	Brahmaputra
Dipa	83I2D3	Dug	0.95		27°42'10"	94°51'21"	Alluvium	Brahmaputra
Ghilamara	ASDM11	Dug	0.86		27°18'28"	94°27'05"	Alluvium	Brahmaputra
Ghilamara Ow	ASDM26	Tube	0.80		27°18'28"	94°27'05"	Alluvium	Brahmaputra
Gogamukh Hss Ow	ASDM25	Tube	0.76		27°25'50"	94°15'45"	Alluvium	Brahmaputra
Jamuguri	83F1D3	Dug	0.37	83.436	26°53'00"	93°46'00"	Alluvium	Brahmaputra
Jonai murkongselek	83M1A1	Dug	0.80	124.355	27°50'12"	95°08'48"	Alluvium	Brahmaputra
Moridhal	ASDM27	Dug	0.97		27°32'19"	94°35'22"	Alluvium	Brahmaputra
Santipur	ASDM28	Dug	0.60		27°33'19"	94°30'18"	Alluvium	Brahmaputra
Siripani	83I2C3	Dug	0.45		27°34'58"	94°39'00"	Alluvium	Brahmaputra
Sisibargaon	83I2C2	Dug	0.97	108.205	27°32'30"	94°43'20"	Alluvium	Brahmaputra
Telem	83M2A1	Dug	1.01	126.98	27°42'45"	95°03'20"	Alluvium	Brahmaputra
Dhubri								
Bagaribari	78J4A4	Dug	0.81		26°12'10"	90°08'20"	Gneiss	Brahmaputra
Bahalpur	78J3B4	Dug	1.00		26°18'34"	90°27'52"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Balajan	ASDH15	Dug	0.83		26°05'50"	89°53'13"	Alluvium	Brahmaputra
Bilasipara	78J4A1	Dug	0.85	34.9	26°13'00"	90°14'30"	Alluvium	Brahmaputra
Chapar	78J3B2	Dug	0.90		26°16'18"	90°27'36"	Alluvium	Brahmaputra
Civil Hospital	ASDH18	Tube	0.87		26°10'12"	89°51'44"	Alluvium	Brahmaputra
Dakhin Tokesara	ASDH16	Dug	1.36		26°06'12"	89°50'13"	Alluvium	Brahmaputra
Dhubri Town	78F4D4	Dug	1.00		26°01'00"	89°59'00"	Alluvium	Brahmaputra
Matabag	ASDH19	Tube	0.73		26°06'00"	89°59'00"	Alluvium	Brahmaputra
Moterjhar	ASDH17	Dug	0.81		26°07'40"	89°52'30"	Alluvium	Brahmaputra
Panbari	78J4A2	Dug	0.86	44.2	26°09'00"	90°03'00"	Gneiss	Brahmaputra
Rupshi	78F4D3	Dug	0.90		26°07'09"	89°55'25"	Alluvium	Brahmaputra
Shapamari Beat	ASDH13	Dug	0.91		26°13'30"	90°21'30"	Alluvium	Brahmaputra
Sonamukhi	ASDH14	Dug	0.35		26°12'05"	90°18'30"	Alluvium	Brahmaputra
Tamarhat	78F4D2	Dug	0.80	36.764	26°11'30"	89°52'00"	Alluvium	Brahmaputra
Tipkai	78J3A2	Dug	0.66		26°17'00"	90°03'00"	Alluvium	Brahmaputra
Dibrugarh								
AMC Campus	ASDB14	Tube	0.66		27°02'14"	94°02'14"	Alluvium	Brahmaputra
Azarguri gaon	83I3D4	Dug	0.64	100.51	27°19'00"	94°57'00"	Alluvium	Brahmaputra
Bamunbari	83I4D4	Dug	0.80		27°14'46"	94°59'35"	Alluvium	Brahmaputra
Barbaruah	83I3D6	Dug	1.05		27°23'55"	94°52'55"	Alluvium	Brahmaputra
Chabua	83M3A2	Dug	0.59	115.141	27°29'15"	95°11'30"	Alluvium	Brahmaputra
Dibrugarh	83I3D1	Dug	0.56	105.29	27°29'00"	94°54'30"	Alluvium	Brahmaputra
Dikom	83M3A1	Dug	0.68	109.936	27°28'00"	95°04'05"	Alluvium	Brahmaputra
Dirialgaon Pz	83M4B6	Tube	0.40		27°13'58"	95°22'09"	Alluvium	Brahmaputra
Domar Dolong Tw	ASDB12	Tube	1.00		27°12'50"	94°57'00"	Alluvium	Brahmaputra
Jaipur Naharani	83M3A4	Dug	0.80		27°15'18"	95°14'17"	Alluvium	Brahmaputra
Lepetkata	ASDB13	Dug	0.80	86	27°22'20"	94°52'22"	Alluvium	Brahmaputra
Melengial PWSS	ASDB15	Tube	0.82		27°02'14"	95°26'34"	Alluvium	Brahmaputra
Goalpara								
Agia1	78J4C3	Dug	0.95		26°06'40"	90°32'55"	Alluvium	Brahmaputra
Agia2	ASGP21	Dug	0.65		26°04'56"	90°32'59"	Alluvium	Brahmaputra
Baida	78J4B3	Dug	0.90	38.221	26°02'00"	90°25'30"	Gneiss	Brahmaputra
Bhalukdubi (Goalpara)	ASGP15	Dug	0.80		25°44'16"	90°49'21"	Alluvium	Brahmaputra
Damra	78K1D8	Dug	0.90		25°55'50"	90°46'37"	Alluvium	Brahmaputra
Dhupdhara	78O1A2	Dug	0.57	46.95	25°56'40"	91°04'00"	Alluvium	Brahmaputra
Dudhnai	78K1D1	Dug	0.95	49.196	25°58'51"	90°48'15"	Alluvium	Brahmaputra
Dudhnoi II	ASGP17	Dug	0.75		25°57'07"	90°46'23"	Alluvium	Brahmaputra
Dwarka	ASGP19	Dug	0.90		25°03'24"	90°29'43"	Alluvium	Brahmaputra
Goalpara Town	78J4C4	Dug	0.86		26°10'42"	90°38'04"	Alluvium	Brahmaputra
Khutabari	78N4A1	Dug	1.00	43.405	26°01'40"	91°04'30"	Alluvium	Brahmaputra
Krishnai	78J4C1	Dug	0.91	45.28	26°02'00"	90°40'30"	Alluvium	Brahmaputra
Lakhipur	78J4B1	Dug	0.95	32.16	26°04'30"	90°18'00"	Alluvium	Brahmaputra
Matia	78J4D1	Dug	0.60	37.896	26°05'40"	90°46'20"	Alluvium	Brahmaputra
Narangbari Pz	78J4B2	Tube	0.58	32.408	26°04'30"	90°25'30"	Alluvium	Brahmaputra
Pattarpara	ASGP22	Dug	0.70		25°58'04"	90°54'23"	Alluvium	Brahmaputra
Rongjuli	78K1D2	Dug	0.70	45.51	25°58'10"	90°56'40"	Alluvium	Brahmaputra
Salpara	ASGP16	Dug	0.70		26°00'46"	90°42'03"	Alluvium	Brahmaputra
Sarapara	ASGP23	Dug	0.85		25°58'17"	90°57'09"	Alluvium	Brahmaputra
Teuli	ASGP20	Dug	0.60		26°04'24"	90°37'47"	Alluvium	Brahmaputra
Golaghat								

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Balibat	ASGL09	Dug	0.20	75			Alluvium	Brahmaputra
Bokakhat1	ASGL12	Dug	0.70		26°38'14"	94°37'40"	Alluvium	Brahmaputra
Bongaon	ASGL11	Dug	0.66		26°39'23"	94°48'09"	Alluvium	Brahmaputra
Butalikua	ASGL16	Dug	0.95		26°34'54"	93°52'12"	Alluvium	Brahmaputra
Dhalaguri	ASGL14	Dug	0.72		26°31'48"	93°51'11"	Alluvium	Brahmaputra
Gaghibari Namghar	ASGL10	Dug	0.82		26°31'38"	94°48'35"	Alluvium	Brahmaputra
Garampani	ASGL15	Dug	0.75		26°23'34"	93°52'49"	Alluvium	Brahmaputra
Garigaon	ASGL17	Dug	1.00		26°26'53"	93°58'18"	Alluvium	Brahmaputra
Golaghat	83F2D1	Dug	0.85	93.11	26°32'00"	93°59'00"	Alluvium	Brahmaputra
Haldibari Buri Ai	ASGL13	Dug	1.00		26°35'09"	93°19'33"	Alluvium	Brahmaputra
Kamargaon1	83F2C1	Dug	0.98	79.905	26°38'00"	93°45'00"	Alluvium	Brahmaputra
Kohra kaziranga	83F2B1	Dug	1.10	81.438	26°37'00"	93°27'30"	Alluvium	Brahmaputra
Oating	83J3A1	Dug	0.75	109.055	26°26'00"	94°00'30"	Alluvium	Brahmaputra
Hailakandi								
Burakhai	ASHL08	Dug	0.80		24°37'45"	92°40'29"	Alluvium	Meghna
Katlicherra N	ASHL02A	Dug	0.20	31.54	24°27'05"	92°37'10"	Alluvium	Meghna
Monacherra	83D2C3	Tube	0.89	22.62	24°36'45"	92°33'15"	Sandstone	Meghna
Panchgram New	ASHL05A	Dug	0.90		24°51'30"	92°36'02"	Alluvium	Meghna
Syedband Part II	ASHL01A	Dug	0.90		24°43'39"	94°35'00"	Alluvium	Meghna
Jorhat								
Bijay Nagar	ASJR33	Dug	0.41		26°43'21"	94°10'38"	Alluvium	Brahmaputra
Chandan Nagar	ASJR23	Dug	0.38		26°44'30"	94°12'56"	Alluvium	Brahmaputra
Chengal Ati	ASJR24	Dug	0.60		26°48'00"	94°05'04"	Alluvium	Brahmaputra
Chutuyakari	ASJR31	Dug	0.76		26°42'25"	94°10'34"	Alluvium	Brahmaputra
Cinamara Tinali	ASJR27	Dug	0.86		26°42'38"	94°13'57"	Alluvium	Brahmaputra
Cinemora	ASJR18	Dug	0.53		26°42'34"	94°12'59"	Alluvium	Brahmaputra
Dabarapara charali	83J2B3	Dug	0.85	84.15	26°40'00"	94°24'30"	Alluvium	Brahmaputra
Dahotia	ASJR29	Dug	0.75		26°43'17"	94°07'22"	Alluvium	Brahmaputra
Jorhat Bye Pass	ASJR32	Dug	0.90		26°46'26"	94°14'38"	Alluvium	Brahmaputra
Kakojan1	83J1B1	Dug	0.41	90.274	26°50'00"	94°22'00"	Alluvium	Brahmaputra
Kamarbandha	ASJR34	Dug	1.25		26°39'36"	94°07'53"	Alluvium	Brahmaputra
Kokilamukh	83J1A3	Dug	0.51		26°49'07"	94°10'18"	Alluvium	Brahmaputra
Kolakhowa	ASJR20	Dug	0.67	44.63	26°46'48"	94°13'28"	Alluvium	Brahmaputra
Kunwari Pukhuri	ASJR35	Dug	0.55		26°41'54"	94°12'25"	Alluvium	Brahmaputra
Lichubari	ASJR21	Dug	0.92		26°43'38"	94°12'38"	Alluvium	Brahmaputra
Mariani	83J2B4	Dug	0.90	115.05	26°39'30"	94°19'30"	Alluvium	Brahmaputra
Meleng Kaparadharia	ASJR28	Dug	0.75		26°47'25"	94°18'08"	Alluvium	Brahmaputra
Nefa Tiniali	ASJR30	Dug	0.82	25.4	26°43'30"	94°11'36"	Alluvium	Brahmaputra
Rajoi TG	83J2B5	Dug	0.85	48.585	26°44'00"	94°20'00"	Alluvium	Brahmaputra
Rangajan PHE Sc	ASJR26	Dug	0.80	21.27	26°38'21"	94°12'58"	Alluvium	Brahmaputra
Saklatinga TGI	83J2A11	Dug	0.90		26°43'12"	94°03'24"	Alluvium	Brahmaputra
Saruhoj	ASJR19	Dug	0.82		26°43'12"	94°21'15"	Alluvium	Brahmaputra
Selenghat	83J2B2	Dug	1.05	97.03	26°42'30"	94°30'00"	Alluvium	Brahmaputra
Sodial Kacharigaon	ASJR22	Dug	1.08		26°30'24"	94°09'25"	Alluvium	Brahmaputra
Tipamia	83J2A6	Dug	0.50	100.765	26°32'00"	94°11'00"	Alluvium	Brahmaputra
Titabor	ASJR36	Dug	1.35		26°35'25"	94°10'17"	Alluvium	Brahmaputra
Titabor	83J2A7	Dug	0.35	96.59	26°36'00"	94°12'30"	Alluvium	Brahmaputra
Kamrup								
Abhaipur	ASKM44	Dug	0.90		26°15'15"	91°33'30"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Agyathuri	78N4C2	Dug	0.85	49.802	26°12'30"	91°37'30"	Alluvium	Brahmaputra
Alikash Adarsh	78N4C16	Dug	1.05		26°14'00"	91°37'00"	Alluvium	Brahmaputra
Bamunigaon1	78N4B3	Dug	0.70	51.67	26°01'15"	91°19'40"	Alluvium	Brahmaputra
Boko1	ASKM39	Dug	0.75		25°59'42"	91°16'04"	Alluvium	Brahmaputra
Borghuli	78N2C3	Dug	1.48	61.59	26°31'00"	91°40'00"	Alluvium	Brahmaputra
Charani	ASKM48	Dug	0.85		26°30'05"	91°35'15"	Alluvium	Brahmaputra
Chhaygaon	ASKM41	Dug	0.90		26°02'28"	91°21'35"	Alluvium	Brahmaputra
Darkuchi	78N2C4	Dug	0.72	62.555	26°30'30"	91°36'00"	Alluvium	Brahmaputra
Dhobartari	ASKM45	Dug	0.81		26°15'30"	91°41'50"	Alluvium	Brahmaputra
Dora Kahara	ASKM47	Dug	0.62		26°17'30"	90°43'00"	Alluvium	Brahmaputra
Goreswar	78N2C2	Dug	0.60	60.442	26°31'55"	91°43'55"	Alluvium	Brahmaputra
Hajo	78N4C5	Dug	0.82	47.427	26°15'00"	91°32'00"	Alluvium	Brahmaputra
Hengulapara	78N3D3	Dug	0.78		26°29'30"	91°46'00"	Alluvium	Brahmaputra
Kachkatchi	ASKM49	Dug	0.61		26°06'37"	92°10'06"	Alluvium	Brahmaputra
Kahara	78N3C2	Dug	0.90	52.247	26°18'10"	91°43'07"	Alluvium	Brahmaputra
Mirza	ASKM42	Dug	0.80		26°05'35"	91°32'50"	Alluvium	Brahmaputra
Naokata	78N2C7	Dug	1.06	84.512	26°38'50"	91°44'00"	Alluvium	Brahmaputra
Rajapara	78O1A3	Dug	0.80		25°56'39"	91°07'05"	Alluvium	Brahmaputra
Rangia Ow	ASKM54	Tube	0.45		26°27'45"	91°36'45"	Alluvium	Brahmaputra
Samanta Pathar	ASKM36A	Dug	0.92				Alluvium	Brahmaputra
Sualkuchi	78N4C11	Dug	0.87		26°10'15"	91°35'05"	Alluvium	Brahmaputra
Kamrup Metro								
Amingaon	ASKM46	Dug	0.80		26°11'40"	91°39'32"	Alluvium	Brahmaputra
Azara	78N4C1	Dug	1.18	49.507	26°07'00"	91°30'00"	Alluvium	Brahmaputra
Bamfor	ASKM50	Dug	0.96		26°06'10"	92°08'31"	Alluvium	Brahmaputra
Boragaon	78N4C7	Dug	0.90	46.813	26°05'00"	91°37'00"	Alluvium	Brahmaputra
Dirgheswari	78N4C12	Dug	0.93	50.725	26°14'18"	91°44'34"	Alluvium	Brahmaputra
Kahilipara	78N4D7	Dug	0.75		26°08'00"	91°46'00"	Gneiss	Brahmaputra
Khanapara	78N4D3	Dug	0.75		26°07'15"	91°49'05"	Alluvium	Brahmaputra
Khetri	83B4A3	Dug	0.80	65.245	26°06'30"	92°04'30"	Alluvium	Brahmaputra
Khetri II	ASKM51	Dug	0.60		26°07'08"	92°06'06"	Alluvium	Brahmaputra
Maligaon	78N4C6	Dug	0.87	45.573	26°07'40"	91°37'40"	Alluvium	Brahmaputra
Paltan bazar	78N4C14	Dug	0.84		26°10'42"	91°45'23"	Alluvium	Brahmaputra
Panikhaiti	78N4D4	Dug	0.66	52.34	26°11'30"	91°53'00"	Alluvium	Brahmaputra
Pattarkuchi	78N4D1	Dug	0.63	67.365	26°07'00"	91°55'00"	Alluvium	Brahmaputra
Rani1	78N4C9	Dug	0.90	53.64	26°05'00"	91°40'00"	Alluvium	Brahmaputra
Rani2	ASKM43	Dug	0.85		26°03'55"	91°36'22"	Alluvium	Brahmaputra
Sonapur	83B4A2	Dug	0.85	61.705	26°07'00"	92°00'30"	Alluvium	Brahmaputra
Sonapur II	ASKM52	Dug	1.00		26°07'58"	91°58'48"	Alluvium	Brahmaputra
Tapatoli New	ASKM35A	Dug	0.50		26°07'20"	92°06'15"	Alluvium	Brahmaputra
Topatoli	83B4A4	Dug	0.98	58.543	26°06'30"	92°07'00"	Alluvium	Brahmaputra
Zoo narangi rd	78N4D2	Dug	1.04	59.22	26°10'30"	91°47'10"	Alluvium	Brahmaputra
Karbi Anglong								
Adarakha Tiniali	ASKA44	Dug	0.87		26°07'03"	93°47'06"	Alluvium	Brahmaputra
Amlokhi	ASKA53	Dug	1.35		25°57'40"	93°29'19"	Alluvium	Brahmaputra
Balipathar	83F4D3	Dug	0.90	125.88	26°09'25"	93°48'00"	Alluvium	Brahmaputra
Boithalangsu	83C1C2	Dug	0.97	69.3	25°58'45"	92°36'19"	Alluvium	Brahmaputra
Bokajan I	ASKA41	Dug	0.75		26°08'32"	93°51'10"	Alluvium	Brahmaputra
Bokajan II	ASKA42	Dug	0.60		26°01'38"	93°45'48"	Alluvium	Brahmaputra
Bokoliaghat	ASKA34	Dug	1.00		26°03'49"	93°11'06"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Bokulia	83G1C3	Dug	0.69	104.775	25°52'30"	93°32'00"	Alluvium	Brahmaputra
Dengaon R10	ASKA33	Dug	0.95		26°13'21"	92°58'47"	Alluvium	Brahmaputra
Dengaon R5	83B4D7	Dug	0.93	82.844	26°11'36"	92°57'57"	Alluvium	Brahmaputra
Dentaghat	83F3A1	Dug	0.90	103.24	26°16'41"	93°08'19"	Alluvium	Brahmaputra
Deopani	83F4D4	Dug	1.05	116.155	26°13'15"	93°50'32"	Alluvium	Brahmaputra
Dillai	83G1C4	Dug	0.69		25°57'45"	93°35'06"	Alluvium	Brahmaputra
Diphu	ASKA55	Dug	0.69		25°50'04"	93°24'24"	Alluvium	Brahmaputra
Diphu	ASKA54	Dug	1.17		25°50'46"	93°26'41"	Alluvium	Brahmaputra
Diphu	83G1B1	Dug	0.79	183.6	25°50'30"	93°27'00"	Sandstone	Brahmaputra
Dishobai	ASKA35	Dug	0.67		26°03'49"	93°11'06"	Alluvium	Brahmaputra
Donkamokam	83C1C1	Dug	0.95	74.885	25°56'00"	92°42'31"	Alluvium	Brahmaputra
Ghouria Dhubi	ASKA43	Dug	0.80		26°00'17"	93°46'07"	Alluvium	Brahmaputra
Habranrangapar	83F4A7	Dug	0.95	90.25	26°13'15"	93°03'14"	Alluvium	Brahmaputra
Hapjan	83G1C1	Dug	0.82	148.354	25°54'10"	93°32'00"	Sandstone	Brahmaputra
Hawaipur	83C1D5	Dug	0.67	86.895	25°50'46"	92°57'53"	Alluvium	Brahmaputra
Kalonga	83C1D2	Dug	0.77	91.92	25°51'43"	92°46'06"	Alluvium	Brahmaputra
Khatkhati	ASKA50	Dug	0.54		25°59'29"	93°45'51"	Alluvium	Brahmaputra
Khatkhati	83G1D3	Dug	0.79	139.155	25°58'38"	93°45'45"	Alluvium	Brahmaputra
Khatkhati CRBF	ASKA40	Dug	0.72		26°02'22"	93°36'24"	Alluvium	Brahmaputra
Kheronighat	83C1D3	Dug	0.88	79.87	25°50'49"	92°53'52"	Alluvium	Brahmaputra
Lahorijan	ASKA51	Dug	0.75		25°54'25"	93°39'40"	Alluvium	Brahmaputra
Lakhijan	ASKA52	Dug	0.99		26°03'02"	93°44'53"	Alluvium	Brahmaputra
Langhing	ASKA32	Dug	0.84		26°12'10"	93°08'01"	Alluvium	Brahmaputra
Manikpur	83F4A6	Dug	0.87	98.635	26°14'57"	93°09'04"	Alluvium	Brahmaputra
Manja Bus Stand	ASKA39	Dug	0.20		25°58'12"	93°26'14"	Alluvium	Brahmaputra
Manja Forest	83G1B2	Dug	0.90	161.045	25°57'25"	93°26'33"	Alluvium	Brahmaputra
Mirdan	ASKA46	Dug	1.15		26°07'43"	93°09'52"	Gneiss	Brahmaputra
Mohendijua	ASKA38	Dug	1.00		25°59'40"	93°24'39"	Alluvium	Brahmaputra
Phonglangso	ASKA36	Dug	0.92		26°00'34"	93°15'44"	Alluvium	Brahmaputra
Phuloni	83F4A2	Dug	0.94	90.555	26°10'56"	93°08'49"	Alluvium	Brahmaputra
Rongbang	ASKA49	Dug	0.76		26°12'09"	92°57'47"	Gneiss	Brahmaputra
Saphapani	ASKA45	Dug	0.89		26°11'48"	93°47'43"	Alluvium	Brahmaputra
Sidharampur	ASKA48	Dug	0.87		26°13'04"	93°01'13"	Gneiss	Brahmaputra
Silanijan	83F3D1	Dug	0.80	106.35	26°19'00"	93°52'30"	Alluvium	Brahmaputra
Siljuri	83F2B2	Dug	0.71	79.78	26°32'30"	93°27'00"	Alluvium	Brahmaputra
Swarghati	ASKA31	Dug	0.63		26°12'10"	93°06'33"	Alluvium	Brahmaputra
Tarabasa	ASKA47	Dug	0.85		26°08'50"	93°08'53"	Gneiss	Brahmaputra
Terangaon	ASKA37	Dug	1.00		26°01'02"	93°22'54"	Alluvium	Brahmaputra
Karimganj								
Badarpur	83D1C1	Dug	0.65	19.468	24°52'00"	92°34'00"	Alluvium	Meghna
Badarpur II	ASKG13	Dug	0.65		24°51'43"	92°33'39"	Alluvium	Meghna
Badarpur Pz	ASKG03	Dug	0.62		24°52'20"	92°35'10"	Alluvium	Meghna
Badarpur Pz	83D1C9	Tube	0.62	18.11	24°52'20"	92°35'10"	Sandstone	Meghna
Dhaulia	83D2B6	Dug	0.60	25.83	24°38'30"	92°21'15"	Alluvium	Meghna
Harinadik	ASKG14	Tube	1.00				Alluvium	Meghna
Hatikira	83D3B1	Dug	0.66	28.88	24°26'00"	92°17'30"	Sandstone	Meghna
Karmganj	ASKG15	Dug	0.90		24°51'54"	92°21'49"	Alluvium	Meghna
Kayasthagram	ASKG16	Dug	1.00		24°43'15"	92°20'47"	Alluvium	Meghna
Patharkandi	ASKG17	Dug	1.00		24°35'49"	92°19'14"	Alluvium	Meghna
Rk Nagar I	83D2B4	Dug	0.90	25.055	24°32'20"	92°29'00"	Sandstone	Meghna

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Sarkaribari	83D2B7	Dug	0.85	19.215	24°33'45"	92°24'50"	Alluvium	Meghna
Kokrajhar								
Balemjhora	78F2D1	Dug	0.80	78.002	26°38'00"	89°53'30"	Alluvium	Brahmaputra
Bhowraguri	78J3A3	Dug	0.65		26°25'30"	90°04'30"	Alluvium	Brahmaputra
Bisumari	78J2B1	Dug	0.85	68.227	26°34'00"	90°18'00"	Alluvium	Brahmaputra
Borobazar	78J2C1	Dug	1.25		26°24'00"	90°16'48"	Alluvium	Brahmaputra
Deosiri	78J1B1	Dug	0.81	148.51	26°46'00"	90°28'00"	Alluvium	Brahmaputra
Dotma	78J3A1	Dug	0.83	51.65	26°29'30"	90°09'30"	Alluvium	Brahmaputra
Garubassa	78J2B5	Dug	0.86		26°33'30"	90°23'00"	Alluvium	Brahmaputra
Gossaigaon	78F3D1	Dug	1.15	47.29	26°26'30"	89°58'00"	Alluvium	Brahmaputra
Guma	78F3D2	Dug	1.20		26°21'48"	89°54'00"	Alluvium	Brahmaputra
Haltugaon	78J2C2	Dug	0.90		26°43'00"	90°34'00"	Alluvium	Brahmaputra
Kachugaon	78J2A1	Dug	0.65	57.28	26°34'00"	90°04'00"	Alluvium	Brahmaputra
Kokrajhar	78J3B1	Dug	1.00	44.685	26°22'45"	90°17'00"	Alluvium	Brahmaputra
Runikhata	78J2B2	Dug	1.20	81.78	26°38'00"	90°23'00"	Alluvium	Brahmaputra
Sataguri	ASKK20	Dug	1.35				Alluvium	Brahmaputra
Serfanguri	78J2A2	Dug	0.78		26°34'09"	90°09'00"	Alluvium	Brahmaputra
Sidli	78J2B6	Dug	0.71		26°32'00"	90°28'00"	Alluvium	Brahmaputra
Ultapani	78J1B2	Dug	1.20		26°49'30"	90°15'20"	Alluvium	Brahmaputra
Lakhimpur								
Amguri	ASLK23	Dug	1.00		26°53'00"	93°46'00"	Alluvium	Brahmaputra
Amsoi	ASLK01	Dug	0.37		27°02'00"	93°43'00"	Alluvium	Brahmaputra
Basudeothan	83I3B8	Dug	0.83	89.557	27°15'30"	94°21'30"	Alluvium	Brahmaputra
Bhogpur charali	83E4D1	Dug	0.82	91.71	27°02'00"	93°50'10"	Alluvium	Brahmaputra
Bihpuria	83E4D4	Dug	0.87	87.281	27°02'00"	93°54'30"	Alluvium	Brahmaputra
Boginadi(balijan)	83I3A1	Dug	0.83	96.873	27°23'23"	94°11'35"	Alluvium	Brahmaputra
Borbil Tariyani	ASLK29	Dug	0.82		27°24'14"	94°10'06"	Alluvium	Brahmaputra
Dejoo	ASLK24	Dug	1.03				Alluvium	Brahmaputra
Dholpur	83F1D1	Dug	0.69	81.53	26°54'00"	93°47'00"	Alluvium	Brahmaputra
Dolanghat chara	83I4A3	Dug	0.46	93.99	27°10'00"	94°00'00"	Alluvium	Brahmaputra
Dowagaon	83I4B2	Dug	1.25	90.657	27°13'30"	94°20'30"	Alluvium	Brahmaputra
Harmoti	83E4D6	Dug	1.00		27°07'21"	93°51'20"	Alluvium	Brahmaputra
Islampur	83E4D3	Dug	0.90	86.981	27°04'55"	93°54'00"	Alluvium	Brahmaputra
Kadam	83I3A3	Dug	0.75		27°17'40"	94°09'10"	Alluvium	Brahmaputra
Kakai	83I3A2	Dug	0.90	110.835	27°17'00"	94°06'45"	Alluvium	Brahmaputra
Koilamari 6 No Line	ASLK31	Dug	0.95		27°18'11"	94°02'01"	Alluvium	Brahmaputra
Laluk	83E4D2	Dug	1.12	93.955	27°07'30"	93°54'30"	Alluvium	Brahmaputra
Madhupur	ASLK22	Dug	0.90				Alluvium	Brahmaputra
Milanpur	ASLK26	Dug	0.80	98	27°26'14"	94°17'53"	Alluvium	Brahmaputra
Moridirgha	ASLK30	Dug	1.47		27°19'11"	94°08'04"	Alluvium	Brahmaputra
N Lakhimpur Ow	ASLK27	Tube	0.65		27°11'56"	94°26'34"	Alluvium	Brahmaputra
N.lakhipur(old)	83I4A1	Dug	1.12	93.345	27°13'00"	94°06'30"	Alluvium	Brahmaputra
Naoboisa	83I4A4	Dug	0.91	93.46	27°10'07"	94°01'23"	Alluvium	Brahmaputra
Narayanpur	83F1D4	Dug	1.14	83.06	26°57'44"	93°51'26"	Alluvium	Brahmaputra
Panigaon	83I4A2	Dug	0.90	87.736	27°07'00"	94°06'42"	Alluvium	Brahmaputra
Pathalipam	83I3B6	Dug	0.99	100.922	27°26'30"	94°17'00"	Alluvium	Brahmaputra
Pathalipam II	ASLK25	Dug	0.96	65	27°26'39"	94°12'47"	Alluvium	Brahmaputra
Morigaon								
Baghara	83B4B2	Dug	0.92	60.22	26°11'01"	92°17'51"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Baropujia	ASMR14	Dug	0.98		26°16'28"	92°29'47"	Alluvium	Brahmaputra
Barukati	ASMR27	Dug	0.44		26°23'56"	92°13'56"	Alluvium	Brahmaputra
Barukati Ow	ASMR23	Tube	0.72		26°24'30"	92°14'00"	Alluvium	Brahmaputra
Basanaghat Ow	ASMR19	Tube	0.80		26°08'30"	92°19'27"	Alluvium	Brahmaputra
Charibahi Ow	ASMR22	Tube	0.55		26°27'30"	92°17'30"	Alluvium	Brahmaputra
Daponibari Ow	ASMR18	Tube	0.80		26°14'44"	92°23'10"	Alluvium	Brahmaputra
Dapunibari	ASMR28	Dug	0.87		26°08'57"	92°23'05"	Alluvium	Brahmaputra
Deosal	ASMR12	Dug	0.94				Alluvium	Brahmaputra
Dharamtul	ASMR29	Dug	0.80		26°08'45"	92°21'13"	Alluvium	Brahmaputra
Garmari gaon	83B3A4	Dug	1.00		26°15'21"	92°13'46"	Alluvium	Brahmaputra
Jagibhagatgaon Ow	ASMR20	Tube	0.71		26°11'00"	91°14'20"	Alluvium	Brahmaputra
Jagiroad	83B4A1	Dug	0.62	65.235	26°07'00"	92°10'00"	Alluvium	Brahmaputra
Kumoi	ASMR15	Dug	1.13		26°11'38"	92°14'46"	Alluvium	Brahmaputra
Moirabari	ASMR25	Dug	0.98		26°27'16"	92°25'19"	Alluvium	Brahmaputra
Morigaon	83B3B10	Dug	0.92		26°15'41"	92°22'53"	Alluvium	Brahmaputra
Nasatra	83B4A5	Dug	1.00	58.795	26°13'30"	92°13'00"	Alluvium	Brahmaputra
Nelle New	ASMR11	Dug	0.84		26°57'45"	92°42'10"	Alluvium	Brahmaputra
Pabbarbhagia	ASMR24	Dug	0.84		26°57'45"	92°42'10"	Alluvium	Brahmaputra
Pamibahua	ASMR16	Dug	0.92		26°14'27"	92°15'50"	Alluvium	Brahmaputra
Shugumbari	ASMR17	Dug	1.20		26°25'24"	92°25'13"	Alluvium	Brahmaputra
Silsaku	ASMR26	Dug	1.00				Alluvium	Brahmaputra
Silsang Namghar	ASMR13	Dug	0.94				Alluvium	Brahmaputra
Solmari Ow	ASMR21	Tube	0.72		26°13'45"	92°23'00"	Alluvium	Brahmaputra
Nagaon								
Amsoi	83B4B5	Dug	0.77	65.77	26°08'16"	92°25'27"	Alluvium	Brahmaputra
Bagori	83F2A4	Dug	1.15	73.075	26°33'00"	93°15'00"	Alluvium	Brahmaputra
Balijan Ow	ASNG42	Tube	1.00		26°19'44"	92°51'07"	Alluvium	Brahmaputra
Bamuni tinali	83B3D9	Dug	1.41	58.815	26°18'00"	92°47'00"	Alluvium	Brahmaputra
Beldonga mandir	83B4D8	Dug	0.84	80.005	26°08'19"	92°49'20"	Alluvium	Brahmaputra
Bichamari	83B3B1	Dug	0.87	56.415	26°25'00"	92°27'30"	Alluvium	Brahmaputra
Borchukhaba	83B3B5	Dug	1.04	56.595	26°18'10"	92°25'40"	Alluvium	Brahmaputra
Bordowa	83B3C2	Dug	1.01	57.78	26°24'20"	92°32'30"	Alluvium	Brahmaputra
Dakhinpath OW	ASNG44	Tube	0.72		26°15'33"	92°38'38"	Alluvium	Brahmaputra
Dalapani	ASNG39	Dug	0.90		26°34'01"	92°51'44"	Alluvium	Brahmaputra
Dhing	83B3B6	Dug	0.49	60.145	26°29'00"	92°29'30"	Alluvium	Brahmaputra
Doboka	83B4D1	Dug	0.80	60.605	26°11'30"	92°51'00"	Alluvium	Brahmaputra
Ghasibasti Ow	ASNG46	Tube	0.40		26°20'51"	92°52'31"	Alluvium	Brahmaputra
Gomotha	ASNG34	Dug	0.85		26°20'44"	92°44'55"	Alluvium	Brahmaputra
Haldiati sub bt	83B4D6	Dug	0.89	85.199	26°10'19"	92°56'20"	Alluvium	Brahmaputra
Hatibatha	ASNG35	Dug	0.68		26°20'11"	92°45'40"	Alluvium	Brahmaputra
Jurapukhuri	83C1D7	Dug	0.84	74.685	25°59'00"	92°55'44"	Alluvium	Brahmaputra
Kathiatoli	83B4C4	Dug	0.94	63.22	26°11'13"	92°44'06"	Alluvium	Brahmaputra
Kazirang Tourist Vil	ASNG27	Dug	0.60		26°35'09"	93°23'42"	Alluvium	Brahmaputra
Kondali	83B3D5	Dug	0.99	82.99	26°15'45"	92°47'00"	Alluvium	Brahmaputra
Langteng TE	83F3A2	Dug	0.85	75.31	26°27'00"	93°04'00"	Gneiss	Brahmaputra
Lanka	83C1D1	Dug	0.72	79.71	25°54'47"	92°57'42"	Alluvium	Brahmaputra
Lumding	83G1A1	Dug	0.70	137.02	25°46'00"	93°10'30"	Sandstone	Brahmaputra
Maharita	ASNG38	Dug	0.60		26°17'02"	92°38'16"	Alluvium	Brahmaputra
Nadeorigaon	83B4D2	Dug	0.83	61.56	26°05'15"	92°47'00"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Natali	ASNG37	Dug	0.66		26°33'00"	92°53'37"	Alluvium	Brahmaputra
Pahukata	ASNG36	Dug	0.91		26°24'07"	92°48'31"	Alluvium	Brahmaputra
Phulaguri R5	ASNG41	Dug	0.80		26°01'58"	92°40'03"	Alluvium	Brahmaputra
Phulaguri R6	83F2A5	Dug	0.37		26°34'40"	93°11'07"	Alluvium	Brahmaputra
Puranigudam	ASNG49	Dug	0.88		26°22'26"	92°42'29"	Alluvium	Brahmaputra
Rangamati Ow	ASNG45	Tube	1.00		26°24'45"	92°25'45"	Alluvium	Brahmaputra
Samuguri	83B3D7	Dug	0.70	63.745	26°24'30"	92°49'45"	Alluvium	Brahmaputra
Silghat	83B2D6	Dug	0.96		26°35'32"	92°56'04"	Alluvium	Brahmaputra
Sulung p.o.	83B3D8	Dug	0.74	66.485	26°24'00"	92°58'00"	Alluvium	Brahmaputra
Telia bebejia	83B3C7	Dug	0.50	66.96	26°25'00"	92°37'00"	Alluvium	Brahmaputra
Tirchang	ASNG47	Dug	0.85		26°15'37"	92°35'45"	Alluvium	Brahmaputra
Zebra Khua	ASNG33	Dug	0.85				Alluvium	Brahmaputra
Nalbari								
Aithabari	78N2B5	Dug	0.86	58.98	26°44'05"	91°21'30"	Alluvium	Brahmaputra
Arikuchi	78N3B4	Dug	0.90	44.985	26°22'18"	91°26'42"	Alluvium	Brahmaputra
Balilecha	78N3B6	Tube	0.50		26°25'04"	91°28'29"	Alluvium	Brahmaputra
Dhamdhama	78N2B1	Dug	0.71	61.237	26°33'22"	91°27'09"	Alluvium	Brahmaputra
Dumnibazar	78N2B2	Dug	0.57	77.745	26°35'30"	91°18'54"	Alluvium	Brahmaputra
Hazaregaon	78N2C10	Dug	0.81	81.556	26°42'55"	91°33'36"	Alluvium	Brahmaputra
Mithabari	78N1B2	Dug	0.93	112.602	26°45'42"	91°23'30"	Alluvium	Brahmaputra
Tamulpur	78N2C1	Dug	0.86	68.55	26°37'50"	91°34'15"	Alluvium	Brahmaputra
Tihu	78N3B3	Dug	0.93	51.625	26°28'30"	91°15'27"	Alluvium	Brahmaputra
Sibsagar								
Athkhel Grant	ASSA05	Dug	0.50		26°46'52"	94°40'49"	Alluvium	Brahmaputra
Bandarmari	83I4C14	Dug	0.87		27°11'45"	94°44'55"	Alluvium	Brahmaputra
Betbari alimore	83I4C8	Dug	0.68		27°00'55"	94°39'45"	Alluvium	Brahmaputra
Demow Sukan	83I4C11	Dug	0.70		27°08'45"	94°44'50"	Alluvium	Brahmaputra
Dhapaboria	83I4C5	Dug	0.84		27°02'10"	94°36'00"	Alluvium	Brahmaputra
Geleki	83J1C9	Dug	0.43		26°48'15"	94°42'30"	Alluvium	Brahmaputra
Hanumanbagh	83J1C7	Dug	0.86		26°54'10"	94°43'15"	Alluvium	Brahmaputra
Madhurigohain Gaon	ASSA03	Dug	1.00		26°06'00"	94°42'00"	Alluvium	Brahmaputra
Moranhat	83I4D1	Dug	0.50	106.425	27°12'00"	94°56'00"	Alluvium	Brahmaputra
Santak	ASSA04	Dug	1.00		26°52'45"	94°48'00"	Alluvium	Brahmaputra
Sapekhati	83M4A1	Dug	1.00	110.71	27°05'00"	95°12'00"	Alluvium	Brahmaputra
Sibsagar	83J1C2	Dug	0.73	92.251	26°59'30"	94°38'00"	Alluvium	Brahmaputra
Sonarigaon	ASSA02	Dug	0.68		26°44'12"	94°44'07"	Alluvium	Brahmaputra
Sonitpur								
18th Mile	ASSP29	Dug	1.00				Alluvium	Brahmaputra
Balipara	83B1D4	Dug	0.90		26°49'21"	92°47'10"	Alluvium	Brahmaputra
Barchola	83B2B5	Dug	0.83	69.714	26°36'30"	92°23'00"	Alluvium	Brahmaputra
Bihupukhuri	83F2A7	Dug	0.84		26°44'50"	93°15'00"	Alluvium	Brahmaputra
Biswanath	83F2A8	Dug	0.76	74.01	26°39'30"	93°10'30"	Alluvium	Brahmaputra
Borgang	83F1B2	Dug	1.05		26°50'27"	93°17'24"	Alluvium	Brahmaputra
Buroighat	ASSP 25	Dug	0.80	89	26°52'04"	93°24'59"	Alluvium	Brahmaputra
Charduar	83B1D1	Dug	0.72	84	26°52'00"	92°46'30"	Alluvium	Brahmaputra
Dhalaibil	83B1D3	Dug	0.75		26°46'34"	92°54'17"	Alluvium	Brahmaputra
Dhekiajuli	83B2B2	Dug	0.85	78.044	26°42'08"	92°28'28"	Alluvium	Brahmaputra
Dihaljali	83B1C1	Dug	0.83	103.684	26°51'00"	92°33'36"	Alluvium	Brahmaputra
Garumari	83B1D2	Dug	0.88		26°52'00"	92°48'45"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Gaudhara Gaon	ASSP 22	Dug	0.50	73	26°50'18"	93°33'45"	Alluvium	Brahmaputra
Gohpur	83F1C2	Dug	0.88	80.03	26°53'30"	93°37'30"	Alluvium	Brahmaputra
Hawajan	83F1C4	Dug	0.69		26°52'30"	93°44'30"	Alluvium	Brahmaputra
Helem	ASSP24	Dug	0.97	75	26°50'59"	93°27'55"	Alluvium	Brahmaputra
Jamuguri North	83B2D3	Dug	0.89	77.115	26°43'00"	92°55'30"	Alluvium	Brahmaputra
Japoriguri	ASSP27	Dug	0.70	70	26°44'04"	93°11'27"	Alluvium	Brahmaputra
Ketela TE	ASSP26	Dug	0.82	81	26°49'43"	93°19'23"	Alluvium	Brahmaputra
Kolabari	ASSP23	Dug	1.10	56	26°54'05"	93°42'29"	Alluvium	Brahmaputra
Kolony	83B1C2	Dug	0.70	99.64	26°51'41"	92°42'21"	Alluvium	Brahmaputra
Na Pam	ASSP31	Dug	1.00	72	26°41'17"	92°22'40"	Alluvium	Brahmaputra
Panigaon Ow	ASSP32	Tube	0.81		26°45'09"	92°55'03"	Alluvium	Brahmaputra
Rangapara	83B2C1	Dug	0.63		26°44'10"	92°41'05"	Alluvium	Brahmaputra
Sootia	83F2A2	Dug	0.80	71.175	26°44'00"	93°02'30"	Alluvium	Brahmaputra
Tezpur	83B2D2	Dug	0.91	70.056	26°37'30"	92°48'00"	Alluvium	Brahmaputra
Thelamara	ASSP30	Dug	0.54	33	26°41'40"	92°35'12"	Alluvium	Brahmaputra
Tolakbari Ow	ASSP34	Tube	0.72		26°41'51"	92°57'22"	Alluvium	Brahmaputra
Tupia	ASSP28	Dug	0.74	76	26°47'56"	92°43'40"	Alluvium	Brahmaputra
Tinsukia								
Bordumsa	83M3D3	Dug	1.32	156.525	27°30'00"	95°50'00"	Alluvium	Brahmaputra
Borgolai	83M3C2	Dug	0.40	141.51	27°17'30"	95°37'30"	Alluvium	Brahmaputra
Bortorani	83M2B4	Dug	0.80		27°31'21"	95°28'17"	Alluvium	Brahmaputra
Digboi	83M3C1	Dug	0.95	151.5	27°23'30"	95°38'30"	Alluvium	Brahmaputra
Jagun	83M3D4	Dug	0.90	157.9	27°23'37"	95°53'57"	Alluvium	Brahmaputra
Jaipur naharjan	83M4B5	Dug	0.50		27°14'29"	95°24'47"	Alluvium	Brahmaputra
Ledo forest off	83M3C3	Dug	0.94	146.45	27°18'00"	95°42'00"	Alluvium	Brahmaputra
Lekhapani	83M3D1	Dug	0.49	147.5	27°18'00"	95°51'30"	Alluvium	Brahmaputra
Panitola	83M3B4	Dug	0.62		27°29'35"	95°15'36"	Alluvium	Brahmaputra
Philobari	83M2C7	Dug	0.74	141.495	27°30'09"	95°40'05"	Alluvium	Brahmaputra
Rangagora guijn	83M2B3	Dug	0.40		27°34'22"	95°19'46"	Alluvium	Brahmaputra
Tinsukia	83M3B2	Dug	0.75	127.365	27°28'30"	95°22'00"	Alluvium	Brahmaputra
Tipong	83M4C3	Dug	0.94		27°18'56"	95°51'19"	Alluvium	Brahmaputra
Tirap gate	83M3D2	Dug	0.80	148.795	27°19'52"	95°51'11"	Sandstone	Brahmaputra
Manipur								
Bishnupur								
Kumbhi OW	83H3D4	Tube	0.67	777.86	24°29'00"	93°47'00"	Sandstone	Imphal
Maibam	83H2D4	Dug	0.80	749.15	24°40'30"	93°48'15"	Alluvium	Imphal
Chandel								
Khongsim	83L3A1	Dug	0.70		24°29'49"	94°01'12"	Alluvium	Imphal
Moreh	83L3B1	Dug	0.87		24°15'30"	94°18'30"	Alluvium	Imphal
Shairo	83H3D6	Dug	0.68	786.44	24°16'02"	93°52'41"	Alluvium	Imphal
Churachandpur								
Churachandpur	83H3C1	Dug	0.87	817.43	24°19'55"	93°41'00"	Alluvium	Imphal
Kongwai OW	83H3C3	Tube	0.50	780.95	24°26'24"	93°43'50"	Sandstone	Imphal
Saikot Tw	83H3C2	Tube	0.50	798.98	24°20'07"	93°43'46"	Sandstone	Imphal
Imphal East								
Jiribam	83H1A2	Dug	0.76	25.655	24°48'00"	93°07'00"	Sandstone	Imphal
Tengdongyem	83H1D5	Dug	0.74	807.79	24°54'27"	93°53'11"	Alluvium	Imphal
Imphal West								
Chaprau	83H1D3	Dug	0.83		24°54'19"	93°51'47"	Alluvium	Imphal
Imphal	83H1D2	Dug	0.38	783.62	24°48'26"	93°48'26"	Alluvium	Imphal

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Lemakhong	83H1D6	Dug	0.70		24°55'58"	93°50'33"	Alluvium	Imphal
Lilong Pz	83H2D3	Tube	0.61	773.94	24°44'00"	93°56'00"	Sandstone	Imphal
Sekmai	83H1D1	Dug	0.70	824.18	24°57'30"	93°53'00"	Sandstone	Imphal
Senapati								
Motbung	83H1D4	Dug	0.70	891.15	24°59'52"	93°54'28"	Alluvium	Imphal
Tamenglong								
Kamrenga PZ	83H1A3	Tube	0.36	28.675	24°47'30"	93°09'00"	Sandstone	Imphal
Thoubal								
Kakching Pz	83L3A3	Tube	0.35		24°29'25"	94°00'06"	Sandstone	Imphal
Khongjom Pz	83L2A3	Tube	0.50		24°35'21"	94°03'13"	Sandstone	Imphal
Pangaltabi Pz	83H3D2	Tube	0.58	793.52	24°20'00"	93°57'00"	Sandstone	Imphal
Sugnu Pz	83H3D1	Tube	0.80	777.95	24°17'00"	93°55'30"	Sandstone	Imphal
Wabagai lamkhai	83H2D2	Tube	0.50	772.13	24°31'30"	93°58'30"	Sandstone	Imphal
Waikhong	83H3D5	Dug	0.50	786.15	24°25'14"	93°55'52"	Alluvium	Imphal
Waikhong Pz	83H3D3	Tube	0.61	785.25	24°30'00"	93°56'00"	Alluvium	Imphal
Wangbol	83L2A1	Dug	0.61	779.305	24°31'00"	94°00'55"	Sandstone	Imphal
Meghalaya								
East Garo Hills								
Baiza Rongreng	MLEG15	Dug	0.75		25°32'33"	90°35'06"	Sandstone	Meghna
Bajengdoba	78K1C2	Dug	0.97		25°53'10"	90°30'45"	Alluvium	Brahmaputra
Dainadubi	MLEG11	Dug	0.80		25°53'56"	90°46'39"	Sandstone	Brahmaputra
Darugiri	78K2D2	Dug	0.77		25°37'09"	90°46'03"	Alluvium	Brahmaputra
Depa sarangma	78K1D4	Dug	0.80	63.95	25°52'00"	90°47'00"	Alluvium	Brahmaputra
Dobetkolgiri	MEEG12	Dug	0.30		25°30'33"	90°36'42"	Sandstone	Meghna
Dobu	MLEG13	Dug	0.60		25°33'58"	90°42'47"	Granite	Brahmaputra
Kharkutta	78K1D7	Dug	0.93		25°54'20"	90°53'40"	Alluvium	Brahmaputra
Mendal	78K1B1	Dug	0.80		25°49'29"	90°27'57"	Gneiss	Brahmaputra
Mendipathar	78K1C1	Dug	0.72	58.22	25°55'15"	90°30'30"	Alluvium	Brahmaputra
Narringirri	MLEG14	Dug	0.85		25°36'37"	90°44'23"	Granite	Brahmaputra
Rongjeng	78K2D1	Dug	0.84	300.43	25°40'00"	90°48'15"	Quartzite	Brahmaputra
Rongmil	78K2D3	Dug	0.78		25°44'10"	90°49'28"	Gneiss	Brahmaputra
Samanda Megapagre	MLEG16	Dug	1.00		25°34'38"	90°31'37"	Sandstone	Meghna
Songsak	MLEG17	Dug	0.85		25°39'48"	90°36'37"	Sandstone	Meghna
Williamnagar	78K2C2	Dug	0.90		25°30'36"	90°31'10"	Alluvium	Meghna
East Khasi Hills								
Balat	78O4B1	Dug	0.78	11.67	25°11'20"	91°23'00"	Gneiss	Meghna
Cherrapunji	78O3C1	Dug	0.20	1411.47	25°27'00"	91°49'00"	Gneiss	Meghna
Dhankheti	MLEK08	Dug	0.86		25°33'58"	91°53'34"	Quartzite	Brahmaputra
Golf Link	MLEK07	Dug	0.75		25°34'55"	91°53'40"	Quartzite	Brahmaputra
Lachuamiere	MLEK09	Dug	0.80		25°34'14"	91°53'25"	Quartzite	Brahmaputra
Mawpat	MLEK11	Dug	0.54		25°35'34"	91°55'09"	Quartzite	Brahmaputra
Nongmynsong	MLEK12	Dug	0.52		25°34'47"	91°54'25"	Quartzite	Brahmaputra
Rynjah (R & R Col)	MLEK10	Dug	0.00		25°34'49"	91°54'00"	Quartzite	Brahmaputra
Shillong Polo	78O2D1	Dug	0.75	1426.67	25°35'00"	91°53'00"	Quartzite	Brahmaputra
Jaintia hills								
Dauki	83C4A1	Dug	0.70	70.95	25°28'00"	91°49'00"	Alluvium	Meghna
Jowai	83C3A1	Dug	0.83	1219.08	25°26'30"	92°10'30"	Sandstone	Meghna
Ri-Bhoi								
Byrnihat	MLRB02A	Dug	0.45		25°42'39"	92°01'22"	Sandstone	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Nongpoh	78O1D1	Dug	0.95	540.47	25°54'00"	91°53'00"	Gneiss	Brahmaputra
Pahanmawlier	MLRB06	Dug	0.80		25°59'41"	91°51'42"	Gneiss	Brahmaputra
Umsiang Ow	ASKM53	Tube	1.00		25°44'03"	91°52'54"	Alluvium	Brahmaputra
South Garo Hills								
Dimapara	MLSG06	Dug	0.80		25°13'31"	90°14'39"	Sandstone	Meghna
Dumnikura	MLSG02	Dug	0.96		25°11'06"	90°23'21"	Sandstone	Meghna
Gasuapara	MLSG04	Dug	1.00		25°11'39"	90°20'56"	Sandstone	Meghna
Jatrokona	MLSG05	Dug	0.85		25°12'06"	90°16'24"	Sandstone	Meghna
Khondoh	MLSG03	Dug	0.90		25°12'25"	92°21'25"	Sandstone	Meghna
West Garo Hills								
Ampati	78G3D1	Dug	1.50	33.113	25°30'00"	89°57'30"	Alluvium	Brahmaputra
Asanang	78K2B1	Dug	0.77		25°35'58"	90°16'32"	Gneiss	Brahmaputra
Baljek	ASWG17	Dug	0.70		25°39'50"	90°16'32"	Alluvium	Brahmaputra
Barengapara	78K4A1	Dug	0.98	15.453	25°13'00"	90°14'00"	Alluvium	Brahmaputra
Barengapara II	ASWG22	Dug	0.80		25°14'17"	90°12'26"	Alluvium	Brahmaputra
Barkona	78G2D2	Tube	0.50	22.805	25°33'50"	89°57'00"	Sandstone	Brahmaputra
Belguri	ASWG21	Dug	0.70		25°57'50"	90°20'34"	Alluvium	Brahmaputra
Betasing II	ASWG25	Dug	0.70		25°30'40"	89°57'15"	Sandstone	Brahmaputra
Borkona	78G2D4	Dug	0.80		25°33'56"	89°56'35"	Alluvium	Brahmaputra
Garobandha	78K2A1	Dug	0.89	20.247	25°35'00"	90°02'00"	Sandstone	Brahmaputra
Ichaguri	78G2D1	Tube	0.50	23.185	25°33'14"	89°53'14"	Sandstone	Brahmaputra
Jarangkhona	ASWG23	Dug	0.70		25°17'50"	90°00'33"	Sandstone	Meghna
Kherapara	78K3A2	Dug	0.89	138.555	25°20'30"	90°13'30"	Sandstone	Brahmaputra
Mahendraganj	78G3D2	Dug	1.00	17.508	25°18'00"	89°51'35"	Alluvium	Brahmaputra
Mahendraganj Pz	78G3D4	Tube	0.50	23.585	25°18'20"	89°51'15"	Sandstone	Brahmaputra
Nidanpur II	ASWG19	Dug	0.90		25°56'07"	90°07'30"	Sandstone	Brahmaputra
Nongopara	ASWG24	Dug	0.75		25°20'53"	89°50'39"	Sandstone	Brahmaputra
Phulbari	78K1A1	Dug	0.95	30.947	25°53'00"	90°03'00"	Alluvium	Brahmaputra
Phutamati	ASWG20	Dug	0.80		25°56'36"	90°13'12"	Sandstone	Brahmaputra
Purkhasia	78K3A1	Dug	0.78	27.92	25°18'00"	90°01'00"	Alluvium	Brahmaputra
Rajabala	ASWG26	Dug	0.72		25°45'20"	89°58'51"	Alluvium	Brahmaputra
Rongram	ASWG18	Dug	0.90		25°50'39"	90°12'56"	Granite	Brahmaputra
Tikrikilla	78K1A2	Dug	0.87	36.95	25°56'45"	90°14'40"	Alluvium	Brahmaputra
Zikzak	78G3D3	Tube	1.00	25.585	25°23'30"	89°53'55"	Sandstone	Brahmaputra
Zikzak PZ	78G3D5	Dug	0.84		25°23'28"	89°53'56"	Alluvium	Brahmaputra
West Khasi Hills								
Mairang	78O2C1	Dug	0.30		25°34'40"	91°38'30"	Gneiss	Brahmaputra
Nagaland								
Dimapur								
3 Mile Bazar	NLDM19	Dug	0.90		25°52'50"	93°45'44"	Alluvium	Brahmaputra
7th Mile Colony	NLDM21	Dug	0.70		25°50'38"	93°46'27"	Alluvium	Brahmaputra
Bade Bazar	NLDM14	Dug	0.80		25°49'33"	93°41'07"	Alluvium	Brahmaputra
Bamunpukri-1	83G9GM16	Tube	0.50				Alluvium	Brahmaputra
Chumkidima	83G1D1	Dug	0.85	191.903	25°48'00"	93°47'45"	Alluvium	Brahmaputra
Dgm Colony	83G1C8	Tube	0.23	152	25°54'46"	93°42'55"	Alluvium	Brahmaputra
Dgmofficedimapur	83G13GM10	Tube	1.20				Alluvium	Brahmaputra
Dhansiripar	83G1C5	Dug	0.80	168.54	25°46'00"	93°37'00"	Sandstone	Brahmaputra
Dimapur	83G1C2	Dug	0.70	152.264	25°54'20"	93°42'45"	Alluvium	Brahmaputra
Diphupar	NLDM22	Dug	0.85		25°51'52"	93°46'24"	Alluvium	Brahmaputra
Doyabur DMC	NLDM12	Dug	0.63		25°45'40"	93°36'02"	Alluvium	Brahmaputra

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Industrial Estate	83G1C7	Dug	0.90	158	25°53'58"	93°41'59"	Alluvium	Brahmaputra
Jalukie	83G2C1	Dug	0.89		25°38'00"	93°39'00"	Alluvium	Brahmaputra
Lumthi colony	83G1D2	Tube	0.52	151.738	25°54'00"	93°45'50"	Sandstone	Brahmaputra
Maibiram	NLDM13	Dug	0.70		25°46'58"	93°37'25"	Alluvium	Brahmaputra
Marwari Colony	83G1C9	Dug	0.76	152	25°54'10"	93°43'45"	Alluvium	Brahmaputra
Purana Bazar	83G1C10	Tube	0.50	140	25°54'54"	93°44'58"	Alluvium	Brahmaputra
Rilayan Colony	NLDM24	Dug	1.19		25°54'10"	93°41'04"	Alluvium	Brahmaputra
Seirujha Colony Chumukedi	83G9GM11	Tube	1.00		25°48'01"	93°45'43"	Alluvium	Brahmaputra
Singrijan	83G1C6	Dug	0.66		25°50'00"	93°43'00"	Sandstone	Brahmaputra
Thilaxu Block-II	NLDM16	Dug	0.61		25°52'38"	93°44'15"	Alluvium	Brahmaputra
Zakesatho Colony	NLDM23	Dug	0.85		25°55'06"	93°43'44"	Alluvium	Brahmaputra
Zion Hospital	NLDM18	Dug	0.85		25°54'39"	93°44'46"	Alluvium	Brahmaputra
Kohima								
Cathedral Complex	83K2A1	Dug	0.89	1590	25°39'00"	94°06'25"	Sandstone	Brahmaputra
NLSA Complex	83K2A2	Tube	0.50	1310	25°43'02"	94°06'31"	Sandstone	Brahmaputra
Sepfuzou Colony	83K2A3	Dug	0.76	1425	25°41'03"	94°06'22"	Sandstone	Brahmaputra
Mokokchung								
Lampi	83J3B1	Tube	0.50	189.911	26°27'30"	94°22'10"	Sandstone	Brahmaputra
Mon								
Mon Town	83N2GM14	Tube	0.80				Alluvium	Brahmaputra
Namsa	83J1D1	Dug	0.73	125.825	26°51'30"	94°56'30"	Alluvium	Brahmaputra
Phek								
Phek Town	83K6GM13	Tube	0.80				Alluvium	Brahmaputra
Tuensang								
Tuensang	83J16GM12	Tube	1.00				Alluvium	Brahmaputra
Wokha								
New Market	83J4B2	Dug	0.41	1365	26°05'39"	94°15'23"	Sandstone	Brahmaputra
Tourist Lodge	83J4B1	Dug	0.80	1370	26°06'20"	94°15'26"	Alluvium	Brahmaputra
Wokha Town	83N2GM15	Tube	1.00				Alluvium	Brahmaputra
Tripura								
Dhalai								
Abhanga N	TRDL04	Dug	0.77	58.695	24°03'14"	91°49'51"	Alluvium	Meghna
Ambassa N	TRDL06	Dug	0.92	58.885	23°54'55"	91°52'00"	Alluvium	Meghna
Darlang Basti	TRDL02	Dug	0.90		24°06'43"	92°11'54"	Alluvium	Meghna
Durga Chowmuhani	TRDL01	Dug	0.80		24°06'43"	92°11'54"	Alluvium	Meghna
Kamalpur	78P4D1	Dug	0.66	32.59	24°12'15"	91°50'30"	Alluvium	Meghna
Manu N	TRDL05	Dug	0.95	39.5	24°00'00"	91°59'00"	Sandstone	Meghna
North Tripura								
Bagbasa N	TRNT10	Dug	0.95		24°20'26"	91°13'07"	Alluvium	Meghna
Chandramanikami	TRNT18	Dug	0.90		24°06'43"	92°11'54"	Alluvium	Meghna
Dharmanagar	83D3B2	Dug	1.47		24°16'00"	92°16'00"	Alluvium	Meghna
Gauranagar N	TRNT11	Dug	0.79		24°19'30"	92°01'00"	Sandstone	Meghna
Kanchanchhera	TRNT12	Dug	0.74		24°05'08"	92°00'09"	Alluvium	Meghna
Kanchanpur	84A1A1	Dug	0.50	87.86	23°55'00"	92°12'00"	Sandstone	Meghna
Karaicherra	TRNT14	Dug	1.00		24°08'24"	92°09'05"	Alluvium	Meghna
Kumarghat	83D4A6	Dug	0.32		24°08'00"	92°03'00"	Sandstone	Meghna
Laljuri	TRNT15	Dug	0.87		24°06'43"	92°11'54"	Alluvium	Meghna
Panchamnagar	TRNT17	Dug	0.85		24°06'43"	92°11'54"	Alluvium	Meghna
Panisagar	83D4A1	Dug	0.78	41.595	24°14'30"	92°11'00"	Alluvium	Meghna

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Pecharthal	83D4A7	Dug	0.68		24°11'57"	92°06'21"	Alluvium	Meghna
Rajnagar	TRNT13	Dug	0.84		24°19'14"	92°07'05"	Alluvium	Meghna
Satnala	TRNT16	Dug	1.05		24°08'00"	92°09'05"	Alluvium	Meghna
South Tripura								
Amarpur	TRST05	Dug	0.89		23°30'49"	91°39'24"	Alluvium	Meghna
Amarpur0	79M2C2	Dug	0.75	40.03	23°31'30"	91°41'30"	Alluvium	Meghna
Ampi Colony	TRST07	Dug	0.85		23°40'17"	91°38'30"	Alluvium	Meghna
Bampur	TRST 06	Dug	0.96		23°33'44"	91°38'07"	Alluvium	Meghna
Dhawajnagar Udaipur	79M2B8	Dug	1.36		23°32'55"	91°28'35"	Alluvium	Meghna
Gardhang	TRST11	Dug	0.74		23°17'50"	91°31'57"	Alluvium	Meghna
Garjee Bazar	79M3B4	Dug	0.80	32.62	23°25'36"	91°13'21"	Alluvium	Meghna
Hrishyamukh	79M4C4	Dug	0.80	23.635	23°08'30"	91°32'00"	Alluvium	Meghna
Jhajhari	TRST08	Dug	0.77		23°13'49"	91°29'31"	Alluvium	Meghna
Kalachhara	TRST10	Dug	0.90		23°08'27"	91°37'38"	Alluvium	Meghna
Kankraban	TRST12	Dug	0.87		23°29'43"	91°24'49"	Alluvium	Meghna
Manu Bazar	TRST 9	Dug	0.66		23°03'51"	91°38'55"	Alluvium	Meghna
Manurmukh	TRST03A	Dug	1.00		23°15'56"	91°29'17"	Alluvium	Meghna
Naobari	TRST04	Dug	0.83		23°30'43"	91°33'57"	Alluvium	Meghna
Radhanagar	TRST15	Dug	0.88		23°13'32"	91°19'46"	Alluvium	Meghna
Rajnagar	TRST14	Dug	1.35		23°13'56"	91°23'30"	Alluvium	Meghna
Sabroom	79M4C1	Dug	0.83	18.745	23°57'30"	91°43'30"	Sandstone	Meghna
Santirbazar Purba	TRST13	Dug	0.77		23°19'03"	91°35'13"	Alluvium	Meghna
West Tripura								
Badharghat DTW	TRWT25	Tube	0.63		23°48'10"	91°16'17"	Alluvium	Meghna
Bagan Bazar	TRWT33	Dug	0.92		23°58'13"	91°37'04"	Sandstone	Meghna
Bishalgarh	79M2B1	Dug	0.78	16.277	23°41'00"	91°17'00"	Alluvium	Meghna
Bodhjanagar Dtw	TRWT19	Tube	0.75		23°52'19"	91°20'41"	Alluvium	Meghna
Bodhjanagar Stw	TRWT20	Tube	0.95		23°52'58"	91°21'55"	Alluvium	Meghna
Chamapnagar1	TRWT39	Dug	0.80		23°48'32"	91°28'32"	Alluvium	Meghna
Dakshin Kalamcherra	TRWT04A	Dug	0.96		23°34'25"	91°12'33"	Alluvium	Meghna
East Narayanpur	TRWT40	Dug	0.87		23°53'25"	91°14'48"	Alluvium	Meghna
Gongrai	TRWT36	Dug	0.55		23°39'24"	91°27'14"	Alluvium	Meghna
Ishanpur	TRWT31	Dug	0.80		24°02'43"	91°23'57"	Alluvium	Meghna
Kalyanpur	79M1C2	Dug	0.92	41.705	23°55'00"	91°36'40"	Alluvium	Meghna
Kathalia bazar	79M3B5	Dug	0.75	13.755	23°23'00"	91°19'00"	Alluvium	Meghna
Kenania	79M2A2	Dug	0.84	20.72	23°44'00"	91°11'00"	Alluvium	Meghna
Khowai	78P4C5	Dug	0.72		24°04'55"	91°36'58"	Alluvium	Meghna
Lichubagan STW	TRWT22	Tube	0.58		23°52'16"	91°17'25"	Alluvium	Meghna
Mohanpur2	TRWT38	Dug	0.63		23°58'18"	91°22'22"	Alluvium	Meghna
Nagicherra1	TRWT29	Tube	0.55	23°08'30"	23°00'13"	91°19'49"	Alluvium	Meghna
Nagicherra2	TRWT30	Tube	0.63		23°48'13"	91°19'49"	Sandstone	Meghna
Narsinghgarh DTW	TRWT28	Tube	0.70		23°54'15"	91°14'49"	Alluvium	meghna
Paschim Howaibari	TRWT34	Dug	0.70		23°48'36"	91°35'31"	Alluvium	Meghna
Simna	78P4B1	Dug	0.79	23.77	24°02'00"	91°24'30"	Sandstone	Meghna
Sipoyjala	79M2B7	Dug	0.68		23°41'30"	91°20'15"	Alluvium	Meghna
Sonamura1	79M3B6	Dug	0.81		23°28'00"	91°16'30"	Sandstone	Meghna
Subalsingh	TRWT32	Dug	0.64		24°00'17"	91°27'26"	Alluvium	Meghna
Suryamaninagar DTW	TRWT23	Tube	0.64		23°45'44"	91°15'46"	Alluvium	Meghna

Village	Well No	Well Type	MP	RL amsl	Latitude	Longitude	Geology	Basin
Suryamaninagar STW	TRWT24	Tube	0.63		23°45'44"	91°15'45"	Alluvium	Meghna
Tufaniamura	TRWT35	Dug	0.72		23°41'55"	91°24'25"	Alluvium	Meghna
Tuimadhu	TRWT37	Dug	0.96		23°50'06"	91°41'11"	Alluvium	Meghna

Annexure - II

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Arunachal Pradesh						
Changlang						
Jairampur	92A4A1	Dug	4.50	1.02	3.00	4.57
Namchik	92A3A1	Dug	NA	1.00	2.77	3.72
Namphai	92A3A2	Dug	3.42	0.95	2.60	2.35
Newlisan Kharsang	92A2A1	Dug	3.47	1.20	4.30	5.63
East Siang						
7th Mile(berrung)	83M1b4A	Dug	NA	0.63	1.88	NA
Berung	83M1B4	Dug	NA	NA	NA	2.29
Oyen	ARES12	Dug	NA	NA	0.58	NA
Pasighat	82P4B1	Dug	NA	NA	NA	10.15
Pasighat- III	ARES16	Dug	10.50	NA	NA	NA
Pasighat New	ARES02A	Dug	10.88	3.41	7.87	10.15
Pasighat-II	ARES15	Dug	10.20	3.19	7.35	9.65
Ruksin	ARES11	Dug	2.46	0.25	1.44	2.26
Satmile	ARES17	Dug	NA	NA	NA	2.70
Sika Baman Todee	ARES14	Dug	3.04	0.21	1.35	2.27
Lohit						
Lathow	83M2D1	Dug	5.06	0.88	2.29	2.71
Lower Subansiri						
Bomte	ARLSO3	Dug	1.90	0.60	1.52	2.40
Kolaputkar	ARLS01	Dug	4.58	1.95	NA	NA
Rajgarh	ARLSO2	Dug	8.26	0.76	3.31	4.06
Papumpare						
Banderedewa I	ARPP04	Dug	11.51	10.72	11.46	11.45
Chimpu	ARPP13	Dug	3.74	1.92	2.69	3.14
Itanagar I	ARPP10	Dug	4.10	2.09	2.19	2.86
Itanagar II	ARPP11	Dug	2.39	NA	NA	NA
Kimin	83E3D2	Dug	1.83	1.03	1.35	1.84
Naharlagun I	ARPP08	Dug	7.77	NA	5.91	6.63
Nirjuli Vill IIA	ARPP06	Dug	1.13	0.76	0.97	1.00
Nirjuli Vill IIB	ARPP07	Dug	0.17	-0.55	-0.16	0.01
Sonajuli	83E4C1	Dug	3.88	1.71	2.08	2.62
Tirap						
Borduria	83M4B3	Dug	6.31	1.46	4.00	5.20
Deomali	83M4C1	Dug	7.73	1.26	3.43	3.66
Hukanjuri	83M4B4	Dug	7.55	2.33	5.54	6.00
Mapaya	83M4C2	Dug	NA	NA	NA	3.15
Assam						
Baksha						
Barama	78N2B3	Dug	8.16	NA	NA	3.36

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Jhargaon	ASBS01	Dug	3.04	0.97	NA	2.74
Barpeta						2
Bhawanipur	78N3A1	Dug	3.75	NA	2.04	3.36
Daulasal	ASBP14	Dug	5.12	1.18	NA	2.43
Daulasal OW	ASBP15	Tube	4.37	NA	NA	2.00
Dhupguri(Galia)	ASBP13	Dug	3.05	0.26	NA	2.92
Nityanada OW	ASBP18	Tube	3.97	1.23	NA	3.73
Patacharkuchi	ASBP16	Tube	2.95	NA	NA	1.39
Sarupeta	78N3A6	Dug	NA	NA	NA	3.19
Sorbhog	78J3D4	Dug	3.70	0.48	1.65	2.36
Ujanborbori	78N2A2	Dug	NA	0.12	NA	3.38
Bongaigaon						
Abhayapuri	78J3C2	Dug	3.52	0.47	1.53	2.76
Baitamari	78J3C1	Dug	4.01	0.49	2.31	3.72
Bijni	78J3C5	Dug	4.07	1.43	2.29	2.90
Bongaigaon New	78J3C9	Dug	NA	0.46	NA	3.18
Chalantapara	78J3C4	Dug	9.25	3.80	NA	4.30
Chaprakata	78J3C7	Dug	4.70	2.33	3.99	5.20
Chaprakata (Dankinamari)	ASBN10	Dug	1.90	0.94	2.19	2.27
Majgaon	ASBN11	Dug	4.46	1.26	2.05	3.46
Manikpur	78J3D1	Dug	3.26	0.87	2.02	2.74
Medhipara(Deo)	78J3C6	Dug	3.85	1.50	NA	3.46
North salmara	78J3C8	Dug	NA	0.95	3.92	4.60
Cachar						
Atalbasti	ASCR35	Dug	4.07	2.99	3.69	5.27
Badribasti	83D1D7	Dug	4.28	1.18	1.00	2.49
Badribasti OW	83D1D8	Tube	3.16	1.15	1.51	1.67
Borjalinga	83D2D1	Dug	1.73	0.50	0.54	2.07
Borkhola	83D1C8	Dug	2.22	0.61	0.38	1.51
Dargakuna	ASCR25	Dug	1.73	NA	0.18	1.29
Digharkhal	83D1C3	Dug	4.44	0.96	2.26	3.75
Fulertol	ASCR37	Dug	3.69	0.25	1.00	2.57
Ghungoor TW	83D1D10	Tube	8.08	6.39	6.79	NA
Gosaipur Part-II	ASCR34	Dug	2.94	0.46	0.24	1.55
Hilara	ASCR26	Dug	3.58	1.78	2.05	2.87
Kalain	83D1C14	Dug	4.74	NA	0.21	2.14
Kalain PZ	83D1C13	Tube	2.19	0.79	0.57	0.71
Kashipur	ASCR31	Dug	5.83	0.68	0.40	1.69
Katigora	ASCR27	Dug	3.01	1.30	NA	NA
Masimpur	ASCR23	Dug	0.09	0.20	0.14	0.52
Moinarbond	83D1D6	Dug	4.15	1.00	NA	4.00
Nagdirgram	ASCR39	Dug	3.07	0.53	0.55	1.59
Palanghat	83D2D10	Dug	NA	NA	NA	2.38

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Poilapul	83H1A9	Dug	2.47	1.05	0.06	1.45
Razabazar	83H1A7	Dug	8.54	1.95	2.75	7.44
Razabazar PZ	83H1A8	Tube	NA	NA	NA	7.44
Shivachal	ASCR28	Dug	NA	1.00	1.81	3.69
Shivtila	83H1A4	Dug	7.69	2.54	1.55	7.00
Silcoorie	ASCR38	Dug	1.16	0.25	0.02	0.87
Tarapur	ASCR32	Dug	0.24	0.01	0.46	1.63
Darrang						
Bengbari	78N2D10	Dug	3.74	2.85	NA	3.80
Bhakatpara Ow	ASDR33	Tube	NA	2.63	3.32	4.25
Bhalukmari-I	83B2A7	Dug	2.28	0.01	NA	4.24
Chamuapara	83B3A2	Dug	NA	0.73	NA	2.40
Dalgaon	83B2A2	Dug	5.29	1.80	3.27	4.27
Gelabil (Thelamara)	83B2B6	Dug	3.51	1.36	NA	3.48
Goroibari	ASDR31	Dug	2.96	1.72	NA	2.18
Hatitopagaon	83B1B1	Dug	NA	NA	NA	3.98
Kalaigaon	78N2D3	Dug	2.37	0.22	0.22	1.77
Kalaigaon TW	78N2D4	Tube	NA	0.22	NA	NA
Kendurtal	78N2D11	Dug	3.16	0.91	NA	1.83
Madhupur	83B2A6	Dug	3.83	2.43	NA	3.51
Majgaon OW	ASDR34	Tube	NA	3.54	NA	NA
Majgaon-II	ASDR30	Dug	NA	NA	NA	6.54
Mangaldoi	83B3A1	Dug	4.68	0.31	3.20	4.69
Mangaldoi II	83B3A3	Dug	3.86	1.38	3.02	3.71
Orang	83B2B1	Dug	3.99	0.35	2.19	2.81
Paneri	78N2D9	Dug	2.61	1.14	2.05	2.63
Paneri TG	78N2D1	Dug	NA	3.99	0.98	1.87
Rowta chariali	83B2A3	Dug	3.01	0.83	2.80	1.83
Sinnangpara	83B2A5	Dug	NA	NA	NA	1.35
Tangla	78N2D2	Dug	NA	NA	4.68	NA
Thekerabari .1	83B2A1	Dug	3.71	2.19	3.29	3.99
Udalguri	83B2A4	Dug	2.93	1.17	1.91	2.90
Dhemaji						
Akajan	83I2D1	Dug	3.42	0.13	1.99	NA
Bhagaban charali	83I2D2	Dug	9.38	5.14	7.94	8.80
Bijoypur	83M1A3	Dug	2.83	0.27	1.30	2.20
Bokabil Ow	ASDM24	Tube	3.70	0.95	2.42	3.05
Bordoloni	83I3B1	Dug	1.30	NA	0.05	0.59
Chengali Pather Ow	ASDM23	Tube	2.29	0.42	1.47	2.05
Dekapam	ASDM21	Dug	2.26	0.35	1.61	2.04
Dhemaji 1	83I3C1	Dug	NA	0.24	NA	NA
Dhemaji 2	ASDM 23	Dug	2.16	0.24	0.73	1.41
Dipa	83I2D3	Dug	5.95	2.40	4.28	5.19

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Ghilamara	ASDM11	Dug	4.70	NA	NA	NA
Gogamukh Hss Ow	ASDM25	Tube	3.63	0.71	3.13	3.95
Jamuguri	83F1D3	Dug	2.80	NA	NA	NA
Jonai murkongselek	83M1A1	Dug	2.32	0.30	1.60	2.10
Moridhal	ASDM27	Dug	NA	NA	NA	2.70
Santipur	ASDM28	Dug	NA	NA	NA	2.82
Simen Chapori	ASDM22	Dug	NA	2.63	NA	NA
Siripani	83I2C3	Dug	1.83	0.12	NA	NA
Sisibargaon	83I2C2	Dug	2.35	0.29	1.37	2.03
Telem	83M2A1	Dug	4.92	0.42	2.35	3.42
Dhubri						
Bagaribari	78J4A4	Dug	14.65	12.97	13.39	14.16
Bahalpur	78J3B4	Dug	4.39	0.02	NA	4.10
Balajan	ASDH15	Dug	4.08	0.69	NA	3.21
Bilasipara	78J4A1	Dug	3.33	1.94	2.58	2.93
Chapar	78J3B2	Dug	4.76	1.74	3.77	4.40
Civil Hospital	ASDH18	Tube	NA	NA	2.72	4.13
Dakhin Tokesara	ASDH16	Dug	NA	0.84	NA	3.84
Dhubri Town	78F4D4	Dug	5.55	0.82	2.89	4.83
Matabag	ASDH19	Tube	4.85	NA	NA	5.37
Moterjhar	ASDH17	Dug	4.56	0.55	NA	NA
Panbari	78J4A2	Dug	NA	15.34	16.50	16.04
Rupshi	78F4D3	Dug	6.13	1.30	4.03	5.80
Shapamari Beat	ASDH13	Dug	16.77	12.47	13.98	15.89
Sonamukhi	ASDH14	Dug	2.93	0.52	NA	1.42
Dibrugarh						
AMC Campus	ASDB14	Tube	NA	NA	NA	2.55
Azarguri gaon	83I3D4	Dug	4.02	0.87	2.93	3.44
Bamunbari	83I4D4	Dug	NA	0.99	2.05	3.35
Barbaruah	83I3D6	Dug	3.55	1.85	3.08	4.45
Chabua	83M3A2	Dug	6.17	1.41	3.99	5.30
Dibrugarh	83I3D1	Dug	NA	0.36	0.46	0.48
Dikom	83M3A1	Dug	5.14	2.72	4.35	4.90
Dirialgaon Pz	83M4B6	Tube	NA	0.38	NA	0.86
Domar Dolong Tw	ASDB12	Tube	3.58	0.57	1.73	1.60
Jaipur Naharani	83M3A4	Dug	NA	0.80	3.90	3.57
Lepetkata	ASDB13	Dug	3.30	0.34	2.72	2.65
Melengial PWSS	ASDB15	Tube	NA	0.45	NA	2.67
Goalpara						
Agia1	78J4C3	Dug	4.75	2.51	2.45	4.35
Agia2	ASGP21	Dug	3.95	2.41	3.00	3.67
Baida	78J4B3	Dug	4.17	2.22	2.59	4.30
Bhalukdubi (Goalpara)	ASGP15	Dug	7.40	4.41	4.40	6.43

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Damra	78K1D8	Dug	9.30	3.46	3.66	4.33
Dhupdhara	78O1A2	Dug	5.01	3.13	3.48	4.28
Dudhnai	78K1D1	Dug	2.35	1.77	2.14	2.12
Dudhnoi II	ASGP17	Dug	5.47	2.06	2.71	4.92
Dwarka	ASGP19	Dug	2.00	1.52	1.49	2.61
Goalpara Town	78J4C4	Dug	8.29	7.13	7.53	NA
Khutabari	78N4A1	Dug	4.05	1.76	2.20	3.01
Krishnai	78J4C1	Dug	2.99	2.11	2.61	2.99
Lakhipur	78J4B1	Dug	3.83	2.57	2.73	3.26
Matia	78J4D1	Dug	3.50	2.08	2.90	3.50
Pattarpara	ASGP22	Dug	2.31	1.92	1.69	2.81
Rongjuli	78K1D2	Dug	2.36	1.82	1.80	3.15
Salpara	ASGP16	Dug	3.05	2.22	2.91	3.06
Sarapara	ASGP23	Dug	2.45	1.87	2.17	2.70
Teuli	ASGP20	Dug	4.55	3.12	3.76	4.50
Golaghat						
Bokakhat	83F2C2	Dug	NA	2.39	NA	NA
Bokakhat1	ASGL12	Dug	3.83	NA	2.24	3.45
Bongaon	ASGL11	Dug	5.45	4.21	4.90	6.90
Butalikua	ASGL16	Dug	NA	NA	NA	5.78
Gaghibari Namghar	ASGL10	Dug	2.58	1.04	1.02	1.47
Garampani	ASGL15	Dug	9.83	5.27	5.27	5.65
Garigaon	ASGL17	Dug	NA	NA	NA	4.10
Golaghat	83F2D1	Dug	4.40	0.27	NA	1.13
Haldibari Buri Ai	ASGL13	Dug	5.22	4.48	2.84	4.72
Kamargaon	83J2A4	Tube	4.62	0.70	NA	NA
Kamargaon1	83F2C1	Dug	NA	NA	1.82	2.52
Kohra kaziranga	83F2B1	Dug	9.28	NA	NA	NA
Oating	83J3A1	Dug	5.58	4.15	4.61	5.60
Hailakandi						
Burakhai	ASHL08	Dug	2.36	0.23	0.53	0.33
Katlicherra N	ASHL02A	Dug	2.39	0.17	0.47	1.46
Monacherra	83D2C3	Tube	NA	0.98	1.02	1.86
Panchgram New	ASHL05A	Dug	2.75	0.64	1.23	8.34
Syedband Part II	ASHL01A	Dug	2.40	0.35	0.17	0.25
Jorhat						
Bijay Nagar	ASJR33	Dug	NA	NA	NA	0.78
Chandan Nagar	ASJR23	Dug	1.29	1.22	1.40	2.06
Cinamara Tinali	ASJR27	Dug	NA	1.34	NA	1.79
Cinemora	ASJR18	Dug	2.59	1.96	2.27	1.50
Dabarapara charali	83J2B3	Dug	2.80	0.75	1.07	1.67
Dahotia	ASJR29	Dug	2.15	0.54	0.97	0.66
Jorhat Bye Pass	ASJR32	Dug	NA	NA	NA	0.45

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Kamarbandha	ASJR34	Dug	NA	NA	NA	1.55
Kokilamukh	83J1A3	Dug	3.59	1.03	1.17	1.70
Kolakhowa	ASJR20	Dug	4.77	1.23	1.31	1.98
Kunwari Pukhuri	ASJR35	Dug	NA	NA	NA	1.19
Lichubari	ASJR21	Dug	1.92	0.54	0.66	NA
Mariani	83J2B4	Dug	2.08	0.88	1.14	1.73
Meleng Kaparadharia	ASJR28	Dug	2.13	1.09	1.35	1.40
Nefa Tiniali	ASJR30	Dug	NA	1.08	NA	1.38
Rangajan PHE Sc	ASJR26	Dug	NA	2.06	NA	2.87
Selenghat	83J2B2	Dug	NA	0.55	NA	1.07
Sodial Kacharigaon	ASJR22	Dug	3.77	0.26	0.40	1.27
Titabor	ASJR36	Dug	NA	NA	NA	0.68
Titabor	83J2A7	Dug	2.34	1.49	1.48	2.44
Kamrup						
Abhaipur	ASKM44	Dug	3.31	NA	0.95	1.14
Agyathuri	78N4C2	Dug	5.73	1.12	3.90	4.99
Alikash Adarsh	78N4C16	Dug	4.16	1.61	2.60	3.95
Bamunigaon1	78N4B3	Dug	3.15	2.29	3.16	3.46
Boko1	ASKM39	Dug	4.36	1.80	2.96	3.37
Charani	ASKM48	Dug	1.89	NA	NA	3.13
Chhaygaon	ASKM41	Dug	5.66	1.08	3.66	4.44
Darkuchi	78N2C4	Dug	3.23	2.16	NA	3.24
Dhobartari	ASKM45	Dug	2.87	1.20	NA	1.78
Dora Kahara	ASKM47	Dug	3.99	NA	NA	4.16
Hajo	78N4C5	Dug	0.88	0.01	0.35	0.46
Kachkatchi	ASKM49	Dug	3.67	NA	NA	3.24
Kahara	78N3C2	Dug	4.00	1.35	1.20	3.50
Mirza	ASKM42	Dug	7.05	3.05	4.06	5.30
Rajapara	78O1A3	Dug	3.02	1.49	2.32	3.02
Rangia	78N3C1	Dug	1.89	NA	NA	NA
Rangia Ow	ASKM54	Tube	1.89	NA	NA	NA
Samanta Pathar	ASKM36A	Dug	NA	1.20	2.65	2.32
Sualkuchi	78N4C11	Dug	2.13	0.55	1.18	1.78
Kamrup Metro						
Amingaon	ASKM46	Dug	4.93	NA	6.10	NA
Amingaon(ii)	78N4C18	Dug	4.93	NA	NA	NA
Azara	78N4C1	Dug	NA	NA	2.47	NA
Bamfor	ASKM50	Dug	2.31	0.29	1.88	2.59
Boragaon	78N4C7	Dug	7.50	NA	1.34	NA
Kahilipara	78N4D7	Dug	NA	NA	1.40	NA
Khanapara	78N4D3	Dug	NA	NA	1.90	NA
Khetri	83B4A3	Dug	1.12	0.18	1.44	1.47
Khetri II	ASKM51	Dug	0.84	0.50	NA	1.98

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Maligaon	78N4C6	Dug	NA	NA	0.55	NA
Paltan bazar	78N4C14	Dug	NA	NA	0.92	NA
Rani1	78N4C9	Dug	2.22	1.55	2.66	3.35
Rani2	ASKM43	Dug	2.30	2.11	2.20	3.11
Sonapur	83B4A2	Dug	1.74	0.36	1.65	1.33
Sonapur II	ASKM52	Dug	4.15	0.53	NA	1.98
Topatoli	83B4A4	Dug	6.32	0.60	1.98	1.60
Topatoli New	ASKM35A	Dug	3.70	1.39	2.35	2.39
Zoo narangi rd	78N4D2	Dug	NA	NA	7.37	NA
Karbi Anglong						
Adarakha Tiniali	ASKA44	Dug	NA	1.41	2.01	2.52
Amlokhi	ASKA53	Dug	NA	NA	NA	1.35
Balipathar	83F4D3	Dug	2.52	1.18	2.05	2.39
Boithalangsu	83C1C2	Dug	2.97	NA	NA	NA
Bokajan I	ASKA41	Dug	12.26	7.70	8.50	11.25
Bokajan II	ASKA42	Dug	4.02	3.84	4.38	11.53
Bokoliaghat	ASKA34	Dug	2.56	4.95	5.37	6.25
Bokulia	83G1C3	Dug	2.03	0.56	2.69	2.72
Dengaon R10	ASKA33	Dug	NA	0.40	1.45	1.25
Dengaon R5	83B4D7	Dug	4.18	0.85	2.40	2.35
Dentaghat	83F3A1	Dug	2.02	0.35	3.98	2.95
Deopani	83F4D4	Dug	11.57	3.57	NA	7.19
Deopani New	ASKAL1	Dug	NA	NA	2.31	NA
Dillai	83G1C4	Dug	NA	3.51	4.26	4.06
Diphu	ASKA55	Dug	NA	NA	NA	17.50
Diphu	83G1B1	Dug	1.91	11.18	13.26	21.01
Diphu	ASKA54	Dug	NA	NA	NA	4.48
Dishobai	ASKA35	Dug	8.55	1.46	2.31	2.63
Donkamokam	83C1C1	Dug	1.95	0.63	2.37	3.07
Ghouria Dhubi	ASKA43	Dug	NA	2.58	3.16	3.30
Habranrangapar	83F4A7	Dug	15.53	1.37	4.12	3.90
Hawaipur	83C1D5	Dug	9.93	1.84	2.55	4.11
Hidipi	83F4C1	Dug	7.35	1.70	2.15	4.34
Kalonga	83C1D2	Dug	5.50	NA	NA	3.89
Khatkhati	83G1D3	Dug	4.48	1.29	3.19	2.08
Khatkhati	ASKA50	Dug	NA	NA	NA	5.41
Kheronighat	83C1D3	Dug	8.28	NA	3.56	4.37
Lahorijan	ASKA51	Dug	NA	NA	NA	7.90
Lakhijan	ASKA52	Dug	NA	NA	NA	5.66
Langhing	ASKA32	Dug	4.23	0.59	1.84	3.38
Manikpur	83F4A6	Dug	3.18	2.02	4.56	4.25
Manja Bus Stand	ASKA39	Dug	5.02	NA	NA	NA
Manja Forest	83G1B2	Dug	3.76	1.18	2.32	3.80

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Mirdan	ASKA46	Dug	NA	NA	NA	2.15
Mohendijua	ASKA38	Dug	5.20	5.75	6.02	6.29
Phonglangso	ASKA36	Dug	13.04	4.33	4.47	8.16
Phuloni	83F4A2	Dug	6.68	0.64	2.36	5.97
Rongbang	ASKA49	Dug	NA	NA	NA	3.56
Saphapani	ASKA45	Dug	6.39	3.35	3.88	3.65
Sidharampur	ASKA48	Dug	NA	NA	NA	5.17
Silanijan	83F3D1	Dug	7.20	5.80	5.30	8.80
Swarghati	ASKA31	Dug	NA	0.97	2.78	2.92
Tarabasa	ASKA47	Dug	NA	NA	NA	4.56
Terangaon	ASKA37	Dug	1.98	1.45	1.30	2.36
Karimganj						
Anipur	83D2B8	Tube	NA	0.89	NA	NA
Badarpur	83D1C1	Dug	4.91	0.38	2.66	2.85
Dhaulia	83D2B6	Dug	2.03	NA	NA	0.15
Harinadik	ASKG14	Tube	0.43	NA	NA	NA
Hatikira	83D3B1	Dug	0.77	0.89	NA	1.74
Karmganj	ASKG15	Dug	0.74	0.32	0.09	1.60
Kayasthagram	ASKG16	Dug	NA	1.05	NA	1.24
Patharkandi	ASKG17	Dug	4.27	0.28	0.50	0.57
Rk Nagar I	83D2B4	Dug	1.34	0.12	0.17	1.06
Sarkaribari	83D2B7	Dug	1.39	0.05	0.16	0.12
Kokrajhar						
Borobazar	78J2C1	Dug	NA	NA	2.23	NA
Garubassa	78J2B5	Dug	3.67	NA	2.95	NA
Haltugaon	78J2C2	Dug	3.94	NA	NA	NA
Kokrajhar	78J3B1	Dug	NA	NA	2.75	NA
Sidli	78J2B6	Dug	5.23	NA	3.42	5.19
Lakhimpur						
Amguri	ASLK23	Dug	4.99	2.53	3.66	4.30
Bhogpur charali	83E4D1	Dug	2.10	1.19	1.67	1.84
Bihpuria	83E4D4	Dug	3.83	NA	1.94	4.35
Boginadi(balijan)	83I3A1	Dug	2.92	0.31	1.75	0.89
Borbil Tariyani	ASLK29	Dug	NA	NA	NA	1.89
Dejoo	ASLK24	Dug	2.01	1.20	1.51	2.03
Dolanghat chara	83I4A3	Dug	2.59	1.07	2.62	2.63
Harmoti	83E4D6	Dug	3.07	0.76	2.05	2.63
Islampur	83E4D3	Dug	5.24	2.77	3.69	4.47
Kadam	83I3A3	Dug	1.88	0.35	1.34	1.59
Koilamari 6 No Line	ASLK31	Dug	NA	NA	NA	5.14
Laluk	83E4D2	Dug	2.25	0.60	1.32	1.76
Madhupur	ASLK22	Dug	1.62	0.34	0.70	1.16
Milanpur	ASLK26	Dug	3.38	0.77	NA	2.47

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Moridirgha	ASLK30	Dug	NA	NA	NA	1.11
N Lakhimpur Ow	ASLK27	Tube	3.66	1.45	NA	NA
N.lakhipur(old)	83I4A1	Dug	2.66	1.15	1.63	2.09
Narayanpur	83F1D4	Dug	2.97	0.56	1.77	2.64
Panigaon	83I4A2	Dug	3.76	1.48	1.89	3.43
Pathalipam	83I3B6	Dug	3.51	1.27	2.75	3.20
Pathalipam II	ASLK25	Dug	5.72	3.04	4.16	4.97
Morigaon						
Baghara	83B4B2	Dug	8.06	0.49	2.99	3.32
Baropujia	ASMR14	Dug	2.12	0.60	2.56	3.25
Barukati	ASMR27	Dug	NA	NA	NA	3.37
Barukati Ow	ASMR23	Tube	3.85	NA	2.90	3.35
Basanaghat Ow	ASMR19	Tube	4.23	1.33	3.02	3.00
Charibahi Ow	ASMR22	Tube	3.18	NA	3.25	NA
Daponibari Ow	ASMR18	Tube	8.48	0.45	3.25	8.08
Dapunibari	ASMR28	Dug	NA	NA	NA	1.94
Deosal	ASMR12	Dug	3.62	1.31	3.23	2.46
Dharamtul	ASMR29	Dug	NA	NA	NA	7.18
Garmari gaon	83B3A4	Dug	4.02	1.36	3.21	3.52
Jagibhagatgaon Ow	ASMR20	Tube	NA	1.85	3.56	3.85
Jagiroad	83B4A1	Dug	4.18	1.08	2.40	3.62
Kumoi	ASMR15	Dug	2.76	NA	2.34	0.62
Moirabari	ASMR25	Dug	NA	NA	NA	6.07
Morigaon	83B3B10	Dug	1.83	0.63	1.89	1.46
Nasatra	83B4A5	Dug	4.34	0.25	3.56	3.89
Nelle	83B4B4	Dug	3.55	NA	NA	NA
Nelle New	ASMR11	Dug	3.55	3.39	5.10	6.04
Pabbarbhagia	ASMR24	Dug	NA	0.21	1.72	2.21
Pamibahua	ASMR16	Dug	4.50	1.40	3.60	3.88
Shugumbari	ASMR17	Dug	2.25	NA	3.80	NA
Silsaku	ASMR26	Dug	NA	NA	NA	2.15
Silsang Namghar	ASMR13	Dug	1.57	1.41	NA	NA
Solmari Ow	ASMR21	Tube	2.32	NA	4.56	5.06
Nagaon						
Amsoi	83B4B5	Dug	2.81	1.79	3.45	1.51
Bagori	83F2A4	Dug	4.57	1.31	NA	1.90
Balijan Ow	ASNG42	Tube	NA	NA	4.56	3.89
Bamuni tinali	83B3D9	Dug	2.79	0.71	4.12	3.15
Beldonga mandir	83B4D8	Dug	3.11	2.31	3.80	3.16
Bichamari	83B3B1	Dug	3.05	2.26	2.69	4.78
Borchukhaba	83B3B5	Dug	3.27	NA	3.25	3.52
Bordowa	83B3C2	Dug	2.22	0.79	2.70	3.19
Dakhinpath OW	ASNG44	Tube	4.26	1.78	3.36	3.98

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Dalapani	ASNG39	Dug	4.62	0.60	2.12	3.80
Dhing	83B3B6	Dug	4.97	2.26	3.05	3.71
Doboka	83B4D1	Dug	3.25	1.40	3.45	4.00
Ghasibasti Ow	ASNG46	Tube	2.43	NA	4.16	6.14
Gomotha	ASNG34	Dug	3.61	1.45	2.45	2.84
Haldiati sub bt	83B4D6	Dug	3.09	1.26	3.10	3.98
Hatibatha	ASNG35	Dug	3.65	1.20	2.37	2.82
Jurapukhuri	83C1D7	Dug	6.35	2.21	6.75	6.86
Kathiatoli	83B4C4	Dug	1.95	0.16	1.70	2.86
Kazirang Tourist Vil	ASNG27	Dug	5.75	8.33	12.65	8.99
Kondali	83B3D5	Dug	8.22	0.87	2.37	4.13
Langteng TE	83F3A2	Dug	5.15	NA	5.68	6.36
Lanka	83C1D1	Dug	6.36	6.19	6.79	6.39
Lumding	83G1A1	Dug	8.43	6.12	9.82	11.55
Maharita	ASNG38	Dug	NA	NA	2.40	2.10
Nadeorigaon	83B4D2	Dug	2.33	0.86	NA	NA
Natali	ASNG37	Dug	3.51	1.24	3.30	2.71
Pahukata	ASNG36	Dug	4.30	0.93	3.25	3.65
Phulaguri	ASNG48	Dug	2.49	0.60	NA	1.31
Phulaguri R5	ASNG41	Dug	NA	NA	2.15	NA
Phulaguri R6	83F2A5	Dug	4.74	NA	1.48	NA
Puranigudam	ASNG49	Dug	NA	NA	NA	5.29
Rangamati Ow	ASNG45	Tube	NA	NA	3.89	5.89
Samuguri	83B3D7	Dug	3.88	3.60	3.30	4.00
Silghat	83B2D6	Dug	6.19	0.48	1.52	5.16
Sulung p.o.	83B3D8	Dug	4.91	2.31	2.36	3.41
Telia bebejia	83B3C7	Dug	NA	3.39	4.58	6.04
Tirchang	ASNG47	Dug	NA	NA	4.25	NA
Zebra Khua	ASNG33	Dug	4.89	NA	3.55	NA
Nalbari						
Tamulpur	78N2C1	Dug	3.81	0.94	NA	2.66
Tihu	78N3B3	Dug	2.32	0.81	0.63	1.64
Sibsagar						
Bandarmari	83I4C14	Dug	3.47	0.43	0.93	2.40
Betbari alimore	83I4C8	Dug	5.19	1.52	0.98	3.28
Borkulanagar	ASSA07	Tube	7.36	NA	NA	NA
Demow Sukan	83I4C11	Dug	5.28	2.50	4.28	4.91
Dhapaboria	83I4C5	Dug	NA	1.10	NA	1.48
Garbhaga Pwss	ASSA06	Tube	2.23	NA	NA	NA
Moranhat	83I4D1	Dug	5.38	1.80	3.66	NA
Santak	ASSA04	Dug	NA	8.15	NA	11.40
Sapekhati	83M4A1	Dug	5.10	2.80	3.18	2.95
Sibsagar	83J1C2	Dug	1.39	0.57	0.61	1.10

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Sonitpur						
18th Mile	ASSP29	Dug	2.65	1.05	1.37	1.93
Balipara	83B1D4	Dug	2.36	0.82	1.59	1.63
Barchola	83B2B5	Dug	NA	1.09	1.55	1.96
Bihupukhuri	83F2A7	Dug	7.29	5.63	7.29	7.33
Biswanath	83F2A8	Dug	8.90	2.98	5.65	6.63
Borgang	83F1B2	Dug	2.76	0.82	1.80	2.47
Buroighat	ASSP 25	Dug	2.80	1.07	1.77	2.41
Charduar	83B1D1	Dug	3.61	1.82	2.74	3.17
Dhalaibil	83B1D3	Dug	5.17	2.85	3.57	4.28
Dhekiajuli	83B2B2	Dug	4.06	1.95	2.82	3.18
Garumari	83B1D2	Dug	6.62	0.27	1.20	2.03
Gohpur	83F1C2	Dug	2.33	0.56	0.96	NA
Hawajan	83F1C4	Dug	3.62	0.67	1.14	2.94
Helem	ASSP24	Dug	2.45	0.35	1.32	1.87
Jamuguri North	83B2D3	Dug	2.53	0.26	1.09	1.89
Japoriguri	ASSP27	Dug	NA	NA	1.97	NA
Ketela TE	ASSP26	Dug	3.04	0.93	2.02	2.50
Kolabari	ASSP23	Dug	1.35	0.29	0.58	0.85
Na Pam	ASSP31	Dug	NA	NA	0.89	1.64
Sootia	83F2A2	Dug	3.77	1.61	2.07	2.52
Tezpur	83B2D2	Dug	6.98	1.95	5.09	5.98
Thelamara	ASSP30	Dug	3.53	0.62	1.81	2.81
Tolakbari Ow	ASSP34	Tube	3.49	1.40	3.02	3.02
Tupia	ASSP28	Dug	5.80	4.02	4.89	4.89
Tinsukia						
Bordumsa	83M3D3	Dug	NA	1.23	1.87	1.61
Borgolai	83M3C2	Dug	0.80	1.35	1.45	2.12
Bortorani	83M2B4	Dug	NA	1.27	1.71	2.23
Digboi	83M3C1	Dug	1.65	0.45	1.56	2.33
Jagun	83M3D4	Dug	4.64	1.76	1.70	3.20
Jaipur naharjan	83M4B5	Dug	3.39	1.32	1.66	2.31
Kumsang Selenguri	ASTS22	Dug	4.84	2.67	3.73	NA
Ledo forest off	83M3C3	Dug	NA	1.70	2.17	5.52
Lekhapani	83M3D1	Dug	4.71	1.51	2.51	4.71
Panitola	83M3B4	Dug	4.47	0.88	0.94	2.96
Philobari	83M2C7	Dug	NA	1.22	5.22	4.77
Rangagora guijn	83M2B3	Dug	NA	0.77	1.76	2.31
Tinsukia	83M3B2	Dug	5.03	1.90	2.92	4.00
Tipong	ASTS20	Dug	5.21	1.33	4.00	NA
Tipong	83M4C3	Dug	NA	NA	NA	4.05
Tirap gate	83M3D2	Dug	6.40	1.66	4.45	5.60
Meghalaya						

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
East Garo Hills						
Baiza Rongreng	MLEG15	Dug	4.35	2.41	NA	NA
Bajengdoba	78K1C2	Dug	3.85	2.06	NA	2.81
Dainadubi	MLEG11	Dug	4.02	1.96	3.72	3.76
Darugiri	78K2D2	Dug	4.09	2.24	1.78	3.25
Depa sarangma	78K1D4	Dug	2.28	1.32	2.22	2.65
Dobetkolgiri	MEEG12	Dug	3.35	2.66	NA	NA
Dobu	MLEG13	Dug	2.95	2.59	NA	NA
Kharkutta	78K1D7	Dug	3.32	2.03	2.35	3.28
Mendal	78K1B1	Dug	2.87	2.02	NA	2.40
Mendipathar	78K1C1	Dug	3.76	2.22	NA	3.25
Narringirri	MLEG14	Dug	3.20	1.71	2.18	3.17
Rongjeng	78K2D1	Dug	5.83	2.17	4.21	5.20
Rongmil	78K2D3	Dug	3.27	1.35	2.92	3.17
Samanda Megapagre	MLEG16	Dug	3.55	NA	NA	NA
Songsak	MLEG17	Dug	2.05	1.27	2.30	3.25
Williamnagar	78K2C2	Dug	2.50	1.26	NA	NA
East Khasi Hills						
Balat	78O4B1	Dug	NA	2.82	5.72	8.62
Cherrapunji	78O3C1	Dug	1.09	-0.20	0.08	0.97
Dhankheti	MLEK08	Dug	1.77	1.19	1.76	1.78
Golf Link	MLEK07	Dug	5.96	0.90	2.73	4.03
Lachuamiere	MLEK09	Dug	0.81	0.25	0.75	0.73
Mawpat	MLEK11	Dug	3.06	0.14	0.90	1.40
Nongmynsong	MLEK12	Dug	3.12	0.91	2.79	2.97
Rynjah (R & R Col)	MLEK10	Dug	5.31	3.20	NA	NA
Jaintia hills						
Dauki	83C4A1	Dug	1.49	1.57	1.18	1.54
Jowai	83C3A1	Dug	0.58	0.27	0.29	0.53
Ri-Bhoi						
Byrnihat	MLRB02A	Dug	2.85	1.11	1.54	2.35
Nongpoh	78O1D1	Dug	3.53	0.85	2.10	3.00
Pahanmawlier	MLRB06	Dug	0.53	0.25	0.07	0.20
Umsiang Ow	ASKM53	Tube	8.19	NA	2.60	NA
West Garo Hills						
Asanang	78K2B1	Dug	4.08	3.15	NA	4.06
Baljek	ASWG17	Dug	3.20	2.26	NA	2.00
Barengapara	78K4A1	Dug	7.32	3.73	NA	NA
Barengapara II	ASWG22	Dug	4.25	2.76	NA	NA
Belguri	ASWG21	Dug	8.45	NA	NA	NA
Kherapara	78K3A2	Dug	4.01	NA	NA	NA
Nidanpur	78K1A3	Dug	NA	1.23	NA	NA
Nidanpur II	ASWG19	Dug	2.20	NA	1.64	1.81

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Phulbari	78K1A1	Dug	4.15	2.61	2.55	3.34
Phutamati	ASWG20	Dug	2.70	1.76	1.72	2.30
Purkhasia	78K3A1	Dug	4.97	NA	NA	NA
Rongram	ASWG18	Dug	3.35	2.17	NA	3.20
Tikrikilla	78K1A2	Dug	NA	6.69	7.22	7.63
West Khasi Hills						
Mairang	78O2C1	Dug	1.01	0.49	0.72	1.27
Nagaland						
Dimapur						
3 Mile Bazar	NLDM19	Dug	NA	4.70	6.50	11.71
7th Mile Colony	NLDM21	Dug	NA	4.57	6.86	10.50
Bade Bazar	NLDM14	Dug	NA	1.25	2.84	4.85
Bamunpukri-1	83G9GM16	Tube	NA	NA	5.62	NA
Chumkidima	83G1D1	Dug	4.08	0.04	3.25	2.40
Dgm Colony	83G1C8	Tube	23.17	29.23	NA	23.91
Dgmofficedimapur	83G13GM10	Tube	89.91	28.03	NA	28.00
Dhansiripar	83G1C5	Dug	5.42	2.07	1.62	1.90
Dimapur	83G1C2	Dug	15.02	2.34	NA	NA
Diphupar	NLDM22	Dug	NA	0.70	1.67	2.02
Doyabur DMC	NLDM12	Dug	NA	12.36	5.45	6.17
Industrial Estate	83G1C7	Dug	5.85	2.50	3.89	2.99
Jalukie	83G2C1	Dug	9.92	NA	4.15	3.26
Maibiram	NLDM13	Dug	NA	7.29	5.30	8.15
Marwari Colony	83G1C9	Dug	NA	9.74	2.84	2.74
Purana Bazar	83G1C10	Tube	13.81	11.37	12.62	12.12
Rilayan Colony	NLDM24	Dug	NA	17.21	16.19	20.81
Seirujha Colony Chumukedi	83G9GM11	Tube	14.38	11.68	2.83	5.45
Singrijan	83G1C6	Dug	6.05	9.04	3.92	3.26
Thilaxu Block-II	NLDM16	Dug	NA	10.07	10.89	11.25
Zakesatho Colony	NLDM23	Dug	NA	1.95	4.15	4.74
Zion Hospital	NLDM18	Dug	NA	6.20	7.25	7.70
Kohima						
Cathedral Complex	83K2A1	Dug	3.87	2.69	3.72	2.83
NLSA Complex	83K2A2	Tube	5.15	3.38	4.05	3.55
Sepfuzou Colony	83K2A3	Dug	7.27	1.57	3.78	3.02
Mokokchung						
Lampi	83J3B1	Tube	3.52	1.57	1.68	1.68
Mon						
Mon Town	83N2GM14	Tube	37.32	34.74	34.68	34.68
Namsa	83J1D1	Dug	5.62	NA	2.40	NA
Phek						
Phek Town	83K6GM13	Tube	67.48	53.66	54.35	53.55
Tuensang						

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Tuensang	83J16GM12	Tube	39.24	37.35	NA	37.42
Wokha						
New Market	83J4B2	Dug	11.92	4.21	4.98	4.57
Tourist Lodge	83J4B1	Dug	6.25	1.43	NA	2.55
Wokha Town	83N2GM15	Tube	30.25	27.18	27.35	27.35
Tripura						
Dhalai						
Abhanga	78P4D4	Dug	NA	NA	NA	3.17
Abhanga N	TRDL04	Dug	2.12	1.85	1.85	NA
Ambassa	79M1D1	Dug	NA	NA	NA	1.46
Ambassa N	TRDL06	Dug	2.90	0.45	0.45	NA
Darlang Basti	TRDL02	Dug	4.96	1.59	1.59	3.66
Durga Chowmuhani	TRDL01	Dug	5.00	3.14	3.14	4.17
Kamalpur	78P4D1	Dug	1.97	1.88	NA	2.19
Manu	78P4D3	Dug	5.69	4.77	4.77	NA
Manu N	TRDL05	Dug	NA	NA	NA	5.37
North Tripura						
Bagbasa N	TRNT10	Dug	0.48	0.65	0.68	NA
Baghbassa	83D3A3	Dug	NA	NA	NA	1.12
Chandramanikami	TRNT18	Dug	6.24	2.45	2.45	4.16
Dharmanagar	83D3B2	Dug	4.26	4.10	4.10	4.61
Gauranagar N	TRNT11	Dug	6.10	1.96	1.96	5.64
Kanchanchhera	TRNT12	Dug	5.83	3.34	NA	4.12
Kanchanpur	84A1A1	Dug	2.06	1.46	1.46	2.08
Karaicherra	TRNT14	Dug	8.69	1.35	1.35	2.74
Kumarghat	83D4A6	Dug	5.75	3.62	3.62	4.80
Laljuri	TRNT15	Dug	7.00	6.15	6.15	6.79
Panchamnagar	TRNT17	Dug	7.17	4.15	NA	5.20
Panisagar	83D4A1	Dug	4.15	2.18	2.18	3.65
Pecharthal	83D4A7	Dug	7.13	2.56	3.24	6.95
Rajnagar	TRNT13	Dug	5.52	2.99	2.99	4.41
Satnala	TRNT16	Dug	0.72	0.32	0.32	1.19
South Tripura						
Amarpur	TRST05	Dug	2.23	0.75	0.75	1.68
Ampi Colony	TRST07	Dug	5.59	3.62	3.62	4.01
Bampur	TRST 06	Dug	4.16	2.27	2.27	3.81
Dhawajnagar Udaipur	79M2B8	Dug	4.60	1.92	1.92	3.84
Gardhang	TRST11	Dug	0.88	0.50	1.24	0.82
Garjee Bazar	79M3B4	Dug	3.38	0.69	0.69	3.30
Hrishyamukh	79M4C4	Dug	4.95	2.33	2.33	4.03
Jhajhari	TRST08	Dug	4.65	0.91	0.91	3.94
Kalachhara	TRST10	Dug	5.55	3.94	3.94	5.33
Kankraban	TRST12	Dug	10.40	8.33	8.33	9.60

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

State / District / Village	Well No	Well Type	Mar-15	Aug-15	Nov-15	Jan-16
Manu Bazar	TRST 9	Dug	4.42	2.57	3.23	4.29
Manurmukh	TRST03A	Dug	1.20	0.65	NA	0.97
Naobari	TRST04	Dug	3.20	0.95	NA	2.73
Radhanagar	TRST15	Dug	4.04	1.75	2.63	3.31
Rajnagar	TRST14	Dug	4.75	2.87	4.22	2.93
Sabroom	79M4C1	Dug	6.33	4.12	4.12	5.81
Santirbazar Purba	TRST13	Dug	5.10	1.78	1.78	NA
Udaipur	79M2C1	Dug	NA	NA	1.92	NA
West Tripura						
Badharghat DTW	TRWT25	Tube	5.22	5.17	NA	4.51
Bagan Bazar	TRWT33	Dug	2.48	0.96	0.96	1.57
Bishalgarh	79M2B1	Dug	4.65	2.87	2.87	4.28
Bodhjanagar Dtw	TRWT19	Tube	21.46	16.84	16.84	20.34
Bodhjanagar Stw	TRWT20	Tube	19.45	16.08	NA	17.60
Chamapnagar1	TRWT39	Dug	2.53	NA	0.78	1.98
Champaknagar	79M1B6	Dug	NA	0.78	NA	NA
Dakshin Kalamcherra	TRWT04A	Dug	1.75	1.64	1.64	2.16
Gongrai	TRWT36	Dug	3.63	2.83	2.83	3.03
Ishanpur	TRWT31	Dug	4.14	1.06	NA	2.32
Kalyanpur	79M1C2	Dug	4.47	3.64	3.64	3.94
Kathalia bazar	79M3B5	Dug	2.79	1.86	1.86	3.01
Kenania	79M2A2	Dug	5.93	4.03	4.03	4.89
Khowai	78P4C5	Dug	2.17	1.38	1.38	1.97
Lichubagan STW	TRWT22	Tube	6.11	4.17	4.17	NA
Mohanpur	79M1B5	Dug	NA	0.61	NA	2.79
Mohanpur2	TRWT38	Dug	2.49	NA	0.61	NA
Nagicherra1	TRWT29	Tube	29.45	25.90	25.90	2.65
Nagicherra2	TRWT30	Tube	25.55	24.75	24.75	23.35
Narsinghgarh DTW	TRWT28	Tube	8.55	8.35	8.35	NA
Paschim Howaibari	TRWT34	Dug	5.76	1.80	1.80	3.07
Simna	78P4B1	Dug	6.15	4.58	4.58	5.36
Sonamura	79M3B1	Dug	3.52	0.59	NA	3.03
Sonamura1	79M3B6	Dug	NA	NA	0.59	NA
Subalsingh	TRWT32	Dug	8.66	4.56	4.56	7.20
Suryamaninagar DTW	TRWT23	Tube	7.26	4.83	4.83	NA
Suryamaninagar STW	TRWT24	Tube	7.15	4.71	4.71	NA
Tufaniamura	TRWT35	Dug	4.57	3.33	3.33	4.21
Tuimadhu	TRWT37	Dug	4.15	3.08	4.04	4.03

Annexure - IIA

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

State / District	Village	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16
ARUNACHAL PRADESH													
Changlang	Jairampur	5.89	5.6	1.3	2.5	3.9	-	1.88	1.1	2	2.97	5.25	5.67
East Siang	Ruksin	3.58	3.68	3.72	2.76	1.75	1.44	1.22	1.33	2.22	2.3	1.88	2.33
Papumpare	Banderdewa-I	12.08	11.51	12.11	11.53	11.44	11.15	10.72	10.68	10.75	11.46	11.91	11.51
Papumpare	Chimpu	3.58	3.74	3.74	2.84	1.06	NA	1.92	1.40	2.45	2.69	2.95	3.14
Papumpare	Itanagar-I	4.07	4.07	4.26	4.50	NA	0.99	2.09	1.23	1.51	2.19	3.96	2.86
Papumpare	Itanagar-II	2.18	2.18	2.15	2.74	0.42	0.74	1.28	NA	NA	NA	NA	NA
Papumpare	Naharlagun-I	7.43	7.77	7.77	7.76	NA	4.70	NA	4.26	5.04	5.91	6.61	6.63
Papumpare	Nirjuli Vill-I	1.05	1.13	0.76	0.85	0.71	0.73	0.76	0.61	0.91	0.97	0.99	1.00
Papumpare	Nirjuli Vill-II	-0.04	-0.17	-0.33	-0.32	-0.48	0.00	-0.55	-0.51	-0.40	-0.16	-0.12	0.01
ASSAM													
Bongaigaon	Baithamari IB	3.84	4.34	5.24	4.53	1	1.65	2.32	0.94	1.34	2.24	2.79	3.74
Bongaigaon	Manikpur	2.8	3	4.2	3.9	1.8	2	2.1	0.9	1.1	2	2.5	2.7
Cachar	Borjalinga	2.5	2.13	2.43	1.6	1.76	2.65	1.87	0.78	0.92	0.86	2.07	1.2
Cachar	Digarkhal	5.3	5.29	2.9	2.74	2.1	1.4	1.75	1.45	2.25	3.21	3.75	2.5
Darrang	Dalgaon	5.6	5.37	5.49	5.3	3.31	2.71	1.8	1.32	2.02	3.09	3.65	3.89
Darrang	Thekerabari	5.13	5.45	5.6	5.42	3.62	2.85	2.69	1.22	2.04	3.04	3.54	3.87
Dhubri	Bagaribari	15.46	15.67	15.53	15.12	14.67	15.11	13.78	14.75	13.93	13.11	13.71	14.5
Dhubri	Bilasipara	4.09	4.32	4.06	3.38	1.53	2.1	2.79	1.88	1.69	2.57	2.84	3.02
Dhubri	Chapar	4.5	4.67	5.7	5.52	3.6	3.15	4.15	1.53	2.45	3.73	4.15	3.45
Dhubri	Dhubri	5	4.85	3.9	2.4	1.6	1.1	5.05	0.9	1.65	2	4.1	4.4
Dhubri	Rupshi	5.15	4.85	5.11	5.16	5.28	4.72	5.21	1.25	1.6	1.86	1.75	3.2
Dibrugarh	Barbaruah	5.3	5.18	5.75	4.98	2.96	3.23	3.22	2.19	3.62	4.13	4.7	5.15
Kamrup	Agayathuri	5.35	4.15	5.2	5.4	1.9	2.4	2.9	1.35	1.75	3.45	4.1	5.05
Kamrup	Hajo	1.12	1.12	1.82	1.23	0.9	1	1.2	-	-	-	-	-
Kamrup	Sonapur	-	-	-	-	-	-	-	-	-	-	1.25	1.56
Kamrup	Sualkuchi	4.5	4.55	5.3	4.5	4.4	4.3	4.2	-	-	2.5		3
Kamrup	Tihu			2.94	1.65	1.46	1.81	1.98	0.57	0.88	1.47	1.65	1.86
Kamrup (M)	Amingaon (GWMS)	5.37	NA	3.25	2.90	3.52	3.26	2.94	3.62	3.42	3.76	4.57	4.8
Kamrup (M)	Ashwaklanta Temple	3.01	NA	2.01	1.70	1.69	2.26	1.52	1.87	2.46	2.54	3.06	2.69
Kamrup (M)	Avayapuri	2.69	NA	1.35	1.08	1.59	1.24	0.71	1.73	1.84	NA	2.12	1.99
Kamrup (M)	Azara PHC (GWMS)	4.85	5.67	2.83	2.76	1.07	0.64	0.47	0.59	1.67	2.47	3.74	3.92

State / District	Village	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16
Kamrup (M)	Bakarapara	4.01	4.03	2.74	2.12	0.97	1.55	1.14	0.73	1.83	2.09	3.86	4.01
Kamrup (M)	Basitha FG	12.59	11.41	10.84	10.70	11.90	10.32	10.44	6.69	10.69	9.3	10.76	11.5
Kamrup (M)	Bhellaguri	2.3	3.77	2.32	1.24	0.48	0.25	0.15	0.25	1	1.89	1.95	NA
Kamrup (M)	Boragaon (GWMS)	8.55	7.50	1.64	0.22	0.70	0.62	0.7	0.67	1	1.34	1.83	NA
Kamrup (M)	Choonsali, Madhabpur	3.9	4.56	4.57	4.41	3.50	3.42	3.29	2.75	3.34	3.3	3.59	3.68
Kamrup (M)	Dirgheshwari (GWMS)	3.55	NA	2.16	1.56	1.00	1.02	0.58	0.79	2.01	1.73	2.45	2.83
Kamrup (M)	Dte of Agri	8.6	8.65	8.35	6.56	NAP	NAP	NAP	NAP	NAP	NAP	6.00	6.25
Kamrup (M)	Udaipur	10.45	10.67	9.14	10.3	7.09	8.99	8.4	5.03	5.94	NA	6.77	NA
Kamrup (M)	Ganesh Mandir, Narengi	3.12	4.74	4.36	3.77	3.16	2.94	2.87	2.67	2.73	2.99	3.67	8.86
Kamrup (M)	Garigaon	1.7	1.82	0.09	0.06	0.27	0.16	0.55	0.36	0.85	NA	1.27	NA
Kamrup (M)	GMC	1.83	1.55	1.1	1.12	1.05	0.74	1.18	0.27	1.32	1.26	1.33	1.27
Kamrup (M)	Hengrabari FG	1.32	1.59	1.5	0.88	1.33	7.54	2.4	0.73	0.82	1.39	1.75	1.92
Kamrup (M)	kacharibastiChristian	10.87	10.99	9.19	7.06	6.42	6.01	5.86	4.13	6.36	2.15	9.33	9.15
Kamrup (M)	Kahilipara (GWMS)	3.4	6.32	2.06	1.91	1.30	1.2	1.59	0.99	1.76	1.4	2.21	2.26
Kamrup (M)	Khanapara Sc. Museum (GWMS)	7.9	10.22	3.2	1.24	1.06	1.57	1.13	0.39	3.07	3.07	3.08	4.6
Kamrup (M)	krishnagar	5.13	5.71	4.91	4.37	3.52	NA	1.99	1.04	NA	NA	4.52	4.59
Kamrup (M)	Lachitpur	8.54	NA	6.69	8.45	4.59	5.24	4.79	5.16	6.09	NA	7.79	8.62
Kamrup (M)	Lakhra Chariali	6.04	6.34	2.98	2.2	1.70	1.9	1.87	3.61	3.84	4.68	3.30	3.28
Kamrup (M)	Lakshmi Mandir	8.45	8.67	5.7	3.26	3.63	3.31	2.1	0.6	8.38	8.52	8.40	6.7
Kamrup (M)	Lalganesh Chariali	3.81	8.10	2.75	1.9	1.64	0.99	1.46	1.36	0.1	1.66	2.14	2.05
Kamrup (M)	Lalmati New	5.57	3.05	2.8	2.1	1.50	1.5	0.88	0.76	NA	NA	0.82	3.67
Kamrup (M)	Mairapatti	5.78	NA	1.13	3.55	0.60	0.65	1.27	1.63	3.22	4.45	3.44	5.08
Kamrup (M)	Maligaon (GWMS)	0.58	0.70	0.1	0.25	0.26	0.12	0.23	0.5	0.73	0.55	0.59	NA
Kamrup (M)	Narangi	7.87	8.09	6.79	5.84	7.10	7.07	7.32	4.82	7.52	9.28	8.02	8.67
Kamrup (M)	Paltan bazar (GWMS)	1.04	1.02	0.54	0.64	0.54	0.32	0.26	0.25	0.55	0.92	0.63	NA
Kamrup (M)	Panjabari	10.5	11.22	11.8	10.61	8.48	9.15	6.65	1.78	10.15	9.73	9.62	8.9
Kamrup (M)	Patgaon	1.55	1.97	1.05	0.61	0.90	0.42	0.44	0.71	1.17	1.17	1.30	1.35
Kamrup (M)	Patherquery	1.04	1.07	0.79	0.84	0.95	0.9	0.9	0.54	0.7	1.26	0.70	0.5
Kamrup (M)	Sijubari	Dry	Dry	Dry	4.08	3.87	3.74	3.71	3.13	4.03	5.2	7.31	8.66
Kamrup (M)	Survey Odalbakra	7.85	8.17	6.03	6.01	NA	2.13	2.47	4.35	1.86	2.71	6.60	4.77
Kamrup (M)	Vishwakarma Temple	2.17	3.82	1.16	1.03	1.34	0.97	1.34	1.05	1.22	1.26	1.32	1.34
Kamrup (M)	Wireless	1.53	1.49	0.67	0.78	0.76	0.91	0.6	0.39	1.11	1.42	2.04	1.45
Kamrup (M)	Zoo Narengi Road HS (GWMS)	8.95	8.93	3.74	3.20	3.64	3.61	3.2	1.54	3.65	7.37	6.72	8.87
Karbi Anglong	Dillai	5	5	4.7	4.5	3.85	4	6.11	2.91	3.11	3.91	4.21	4.31

State / District	Village	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16
Karbi Anglong	Khatkhati	4.05	4.41	4.77	4.13	4.19	3.55	3.09	3.32	3.73	3.79	4.01	4.03
Karbi Anglong	Siljuri	7.41	8.05	7.21	6.89	6.39	4.74	4.12	3.67	4.85	6.21	7.02	7.1
Karbi Anglong	Silonijan	7.05	8	6.75	6.2	6.5	6.3	7.9	7.3	8.4	8.45	6.15	6.25
Karimganj	Badarpur	4.55	4.75	5.55	2.75	1.35	0.75	0.95	1.15	1.35	1.95	2.95	3.75
Karimganj	Dhualia	-	-	0.48	0.45	0.45	0.5	0.5	0.65	0.55	0.5	0.45	-
Karimganj	Hatikira	2.49	2.67	2.32	1.88	1.7	1.67	1.7	2.26	2.03	2.93	1.74	3.91
Lakhimpur	North Lakhimpur	3.37	3.85	3.44	-	2.3	1.84	-	0.98	0.78	1.77	2.48	0.98
Nagaon	Ding	-	-	4.81	5.21	4.61	4.31	2.51	2.26	2.03	2.93	3.35	4.2
Nagaon	Gomatha	4.04	3.27	2.71	3.35	3.95	1.95	1.1	2.6	2.27	1.4	2.89	3.25
Nagaon	Joraphukuri	6.36	6.3	6.32	6.34	6.26	6.52	6.06	5.76	5.84	5.82	5.94	6.09
Nagaon	Lanka	-	-	-	-	-	-	-	-	-	-	6.99	7.11
Nagaon	Samuguri	3.42	3.8	4.4	3.9	4.9	2.9	0.8	3.9	3.6	3.9	4.05	4.7
Nagaon	Sulung PO	4.29	5.28	5.46	5.41	5.46	2.51	2.06	4.15	3.28	2.63	3.56	4.15
Sibsagar	Sapekhati	4.6	6.1	3	2.8	1.8	3.2	2.45	2.1	2.8	2.3	2.9	3
Sibsagar	Sibsagar	3.65	3.42	3.54	3.25	3.37	2.13	1.16	1.49	2.33	2.78	2.96	3
Sonitpur	Barchola	4.12	4.12	4.45	4.54	4.24	3.45	3.26	2.72	2.33	2.74	2.55	2.57
Tinsukia	Jagun	4.95	5.3	4.78	5.23	4.17	2.8	2.15	1.19	2.52	2.6	3.2	4.1
Tinsukia	Lekhapani	5.5	5.32	5.62	1.8	2.5	2.13	1.57	1	2.6	3	4.12	5.2
Tinsukia	Panitola	5.27	5.09	4.5	1.45	1.1	1.45	1.35	1.6	1.55	1.56	2.85	4.32
Tinsukia	Tinsukia	5.9	6.13										
Tinsukia	Tipong	5.9	6.13	4.87	2.45	3	3.45	2.12	3.8	4.12	5	5.68	5.9
Tinsukia	Tirap Gate	6.5	7.2	6.7	6.4	2.7	4.6	2.35	1	3.7	5.25	6.15	6.4
Kamrup (M)	Odalbakra	1.61	2.37	0.88	1.46	0.76	0.87	0.88	0.97	1.12	NA	NA	NA
MEGHALAYA													
East Garo Hills	Williamnagar	3.25	3.4	2.1	1.2	1.1	1	0.9	2.65	3.5	2.4	3	3.1
East Khasi Hills	Dhankheti	7.80	1.77	1.81	1.70	1.63	1.74	1.19	1.69	1.74	1.76	1.79	1.78
East Khasi Hills	Golf Links	6.58	5.96	6.30	1.96	1.55	2.00	0.90	1.83	2.35	2.73	2.80	4.03
East Khasi Hills	Lr. Lachaumiere	4.86	0.81	0.66	0.52	0.45	0.55	0.25	0.48	0.60	0.75	0.82	0.73
East Khasi Hills	Mawpat	9.71	3.06	3.17	1.64	0.66	0.86	0.14	0.48	0.86	0.90	0.95	1.40
East Khasi Hills	Nongmynsong	11.06	3.12	3.67	2.34	1.92	2.50	0.91	2.05	2.48	2.79	2.97	2.97
East Khasi Hills	Umpling/R&R Colony	NA	NA	NA	4.23	NA	5.55	3.20	3.82	NA	NA	NA	NA
Ri-Bhoi	Nongpoh	3.73	3.53	1.98	1.88	1.73	1.03	0.63	2.03	1.89	2.10	2.25	3.00
West Khasi Hills	Mairang	NA	1.01	0.62	NA	0.40	0.47	0.37	0.47	0.58	0.72	0.95	1.27
Ri-Bhoi	Byringhat	3.92	3.86	4.12	3.38	2.86	2.12	1.96	-	-	-	-	-
NAGALAND													
Dimapur	Bamunpukhri-I village	7.01	7.17	6.51	6.17	5.98	3.14	3.37	3.48	3.76	5.05	5.61	5.86

State / District	Village	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16
Dimapur	DGM colony Quarter no28	4.54	4.85	1.37	1.37	1.76	1.28	1.54	1.75	1.10	3.05	3.14	4.32
Dimapur	F.O. compound,chumikedima	4.04	3.16	2.95	2.64	3.00	1.45	1.47	1.50	1.47	3.25	3.01	4.52
Dimapur	Forest colony , Dimapur	13.09	14.22	11.84	11.55	9.72	3.42	3.38	4.18	3.92	3.65	3.75	4.54
Dimapur	Govt. college, Dimapur	5.72	6.69	4.61	4.46	5.34	3.72	3.65	3.98	3.45	4.15	5.02	5.34
Dimapur	vocational training centre	2.24	2.38	3.10	3.16	3.07	1.91	1.88	1.91	1.79	2.74	2.27	2.43
Kohima	R.Angami's Compound Sepfuzou Colony Kohima	6.66	6.67	5.20	5.13	5.36	1.73	1.66	1.73	2.76	3.78	4.34	6.40
Wokha	Namsa, Agri.Seed Farm Tizit	4.11	4.84	2.11	1.23	1.08	0.96	0.63	1.45	1.84	3.13	1.48	3.51
Wokha	Tourist Lodge Compound Wokha	5.03	5.50	2.75	2.65	1.31	1.27	1.40	2.27	2.25	3.35	3.50	3.26
TRIPURA													
Dhalai	Ambassa	2.33	2.90	0.96	0.21	0.37	0.13	0.06	0.57	0.58	0.69	1.28	1.56
Khowai	Bagan Bazaar	2.06	2.17	1.28	1.19	1.15	1.25	0.87	0.91	1.21	1.38	1.60	1.57
Khowai	Kalyanpur	4.35	4.47	3.50	3.42	3.29	3.44	3.69	3.67	3.72	3.92	4.01	3.94
Khowai	Khowai	2.13	2.17	1.50	1.55	1.58	1.70	0.76	1.57	1.79	2.03	1.94	1.97
North Tripura	Baghbassa	0.68	1.19	0.78	1.16	0.79	0.17	0.13	0.83	0.94	1.00	1.12	NA
North Tripura	Dharmanagar	4.66	5.26	4.68	4.78	4.01	3.56	3.98	4.14	5.38	4.44	4.62	NA
North Tripura	Panisagar	4.80	4.99	4.50	2.89	2.12	2.23	2.19	2.48	2.63	2.95	3.29	3.70
North Tripura	Pecharthal	6.68	7.09	6.12	1.96	1.38	1.91	2.12	2.83	2.34	4.51	5.38	6.84
Unakoti	Gaurngar	5.96	6.07	5.68	4.06	1.73	1.49	2.23	2.07	3.01	3.74	4.27	4.63
West Tripura	AD Nagar	6.12	6.64	6.32	4.57	3.26	1.54	1.59	1.87	2.39	3.70	3.96	4.19
West Tripura	Ishanpur	3.68	3.91	3.62	2.65	1.07	1.36	1.04	1.25	1.50	1.28	2.20	2.32
West Tripura	Malainagar	5.79	5.89	5.02	4.61	4.32	2.92	2.77	2.87	3.20	3.48	3.57	4.02
West Tripura	Mohanpur	2.52	2.32	1.67	0.67	0.49	0.58	0.85	0.95	1.54	1.13	2.52	2.79
West Tripura	Nathpara	7.14	7.45	7.31	7.10	6.86	5.25	4.92	4.86	5.48	5.62	5.98	6.35
West Tripura	Radhakishore nagar	3.70	3.90	3.15	2.70	1.90	1.24	1.30	1.45	2.16	3.10	3.25	3.16
West Tripura	Simna	5.83	5.95	5.66	4.88	4.63	4.43	4.62	4.78	4.62	4.85	5.31	5.36
West Tripura	SM Nagar	6.41	6.95	6.76	6.05	5.84	3.15	2.97	3.09	4.17	5.90	6.04	6.16

ANNEXURE- III

DEPTH TO WATER LEVEL RANGE MARCH - 2015

State / District	No of WL measured	DTW(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	3	3.42	4.5	0	0	3	100	0	0	0	0	0	0
East Siang	5	2.46	10.88	0	0	2	40	0	0	3	60	0	0
Lohit	1	5.06	5.06	0	0	0	0	1	100	0	0	0	0
Lower Subansiri	3	1.9	8.26	1	33.3	1	33.3	1	33.3	0	0	0	0
Papumpare	9	0.17	11.51	3	33.3	4	44.4	1	11.1	1	11.1	0	0
Tirap	3	6.31	7.73	0	0	0	0	3	100	0	0	0	0
Total	**24**	**0.17**	**11.51**	**4**	**16.67**	**10.00**	**41.67**	**6.00**	**25.00**	**4.00**	**16.67**	**0.00**	**0.00**
ASSAM													
Baksha	2	3.04	8.16	0	0	1	50	1	50	0	0	0	0
Barpeta	7	2.95	5.12	0	0	6	85.7	1	14.3	0	0	0	0
Bongaigaon	9	1.9	9.25	1	11.1	7	77.8	1	11.1	0	0	0	0
Cachar	23	0.09	8.54	5	21.7	14	60.9	4	17.4	0	0	0	0
Darrang	15	2.28	5.29	0	0	14	93.3	1	6.7	0	0	0	0
Dhemaji	16	1.3	9.38	2	12.5	12	75	2	12.5	0	0	0	0
Dhubri	11	2.93	16.77	0	0	7	63.6	2	18.2	2	18.2	0	0
Dibrugarh	6	3.3	6.17	0	0	4	66.7	2	33.3	0	0	0	0
Goalpara	19	2	9.3	1	5.3	13	68.4	5	26.3	0	0	0	0
Golaghat	9	2.58	9.83	0	0	4	44.4	5	55.6	0	0	0	0
Hailakandi	4	2.36	2.75	0	0	4	100	0	0	0	0	0	0
Jorhat	11	1.29	4.77	2	18.2	9	81.8	0	0	0	0	0	0
Kamrup	18	0.88	7.05	4	22.2	11	61.1	3	16.7	0	0	0	0
Kamrup Metro	13	0.84	8.19	3	23.1	7	53.8	3	23.1	0	0	0	0
Karbi Anglong	28	1.91	15.53	3	10.7	11	39.3	10	35.7	4	14.3	0	0
Karimganj	8	0.43	4.91	5	62.5	3	37.5	0	0	0	0	0	0
Kokrajhar	3	3.67	5.23	0	0	2	66.7	1	33.3	0	0	0	0
Lakhimpur	18	1.62	5.72	2	11.1	14	77.8	2	11.1	0	0	0	0
Morigaon	18	1.57	8.48	2	11.1	14	77.8	2	11.1	0	0	0	0

DEPTH TO WATER LEVEL RANGE MARCH - 2015

State / District	No of WL measured	DTW(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20 (m)	
		Min	Max	No	%	No	%	No	%	No	%	No	%
Nagaon	31	1.95	8.43	1	3.2	23	74.2	7	22.6	0	0	0	0
Nalbari	2	2.32	3.81	0	0	2	100	0	0	0	0	0	0
Sibsagar	8	1.39	7.36	1	12.5	2	25	5	62.5	0	0	0	0
Sonitpur	21	1.35	8.9	1	4.8	14	66.7	6	28.6	0	0	0	0
Tinsukia	10	0.8	6.4	2	20	5	50	3	30	0	0	0	0
Total	**310**	**0.09**	**16.77**	**35**	**11.4**	**203**	**65.5**	**66**	**21.2**	**6**	**1.9**	**0**	**0**
MEGHALAYA													
East Garo Hills	16	2.05	5.83	0	0	15	93.8	1	6.3	0	0	0	0
East Khasi Hills	7	0.81	5.96	3	42.9	2	28.6	2	28.6	0	0	0	0
Jaintia hills	2	0.58	1.49	2	100	0	0	0	0	0	0	0	0
Ri-Bhoi	3	0.53	3.53	1	33.3	2	66.7	0	0	0	0	0	0
West Garo Hills	11	2.2	8.45	0	0	9	81.8	2	18.2	0	0	0	0
West Khasi Hills	1	1.01	1.01	1	100	0	0	0	0	0	0	0	0
Total	**40**	**0.53**	**8.45**	**7**	**17.5**	**28**	**70**	**5**	**12.5**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	10	4.08	89.91	0	0	1	10	4	40	3	30	2	20
Kohima	3	3.87	7.27	0	0	1	33.3	2	66.7	0	0	0	0
Mokokchung	1	3.52	3.52	0	0	1	100	0	0	0	0	0	0
Mon	2	5.62	37.32	0	0	0	0	1	50	0	0	1	50
Phek	1	67.48	67.48	0	0	0	0	0	0	0	0	1	100
Tuensang	1	39.24	39.24	0	0	0	0	0	0	0	0	1	100
Wokha	3	6.25	30.25	0	0	0	0	1	33.3	1	33.3	1	33.3
Total	**21**	**3.52**	**89.91**	**0**	**0**	**3**	**14.3**	**8**	**38.1**	**4**	**19**	**6**	**28.6**
TRIPURA													
Dhalai	6	1.97	5.69	1	16.7	4	66.7	1	16.7	0	0	0	0
North Tripura	14	0.48	8.69	2	14.3	3	21.4	9	64.3	0	0	0	0
South Tripura	17	0.88	10.4	2	11.8	10	58.8	4	23.5	1	5.9	0	0
West Tripura	26	1.75	29.45	1	3.8	12	46.2	9	34.6	1	3.8	3	11.5
Total	**63**	**0.48**	**29.45**	**6**	**9.5**	**29**	**46**	**23**	**36.5**	**2**	**3.2**	**3**	**4.8**
Grand Total	**458**			**52**	**11.4**	**273**	**59.6**	**108**	**23.6**	**16**	**3.5**	**9**	**2**

ANNEXURE- IV

DEPTH TO WATER LEVEL RANGE AUGUST - 2015

State / District	No of WL measured	DTW(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	0.95	1.2	4	100	0	0	0	0	0	0	0	0
East Siang	5	0.21	3.41	3	60	2	40	0	0	0	0	0	0
Lohit	1	0.88	0.88	1	100	0	0	0	0	0	0	0	0
Lower Subansiri	3	0.6	1.95	3	100	0	0	0	0	0	0	0	0
Papumpare	7	-0.55	10.72	5	71.4	1	14.3	0	0	1	14.3	0	0
Tirap	3	1.26	2.33	2	66.7	1	33.3	0	0	0	0	0	0
Total	**23**	**-0.55**	**10.72**	**18**	**78.2**	**4**	**17.4**	**0**	**0**	**1**	**4.4**	**0**	**0**
ASSAM													
Baksha	1	0.97	0.97	1	100	0	0	0	0	0	0	0	0
Barpeta	5	0.12	1.23	5	100	0	0	0	0	0	0	0	0
Bongaigaon	11	0.46	3.8	9	81.8	2	18.2	0	0	0	0	0	0
Cachar	23	0	6.39	20	87	2	8.7	1	4.3	0	0	0	0
Darrang	20	0.01	3.99	14	70	6	30	0	0	0	0	0	0
Dhemaji	15	0.12	5.14	12	80	2	13.3	1	6.7	0	0	0	0
Dhubri	12	0.02	15.34	9	75	0	0	0	0	3	25	0	0
Dibrugarh	11	0.34	2.72	10	90.9	1	9.1	0	0	0	0	0	0
Goalpara	19	1.52	7.13	6	31.6	12	63.2	1	5.3	0	0	0	0
Golaghat	8	0.27	5.27	3	37.5	4	50	1	12.5	0	0	0	0
Hailakandi	5	0.17	0.98	5	100	0	0	0	0	0	0	0	0
Jorhat	15	0.26	2.06	14	93.3	1	6.7	0	0	0	0	0	0
Kamrup	12	0.01	3.05	9	75	3	25	0	0	0	0	0	0
Kamrup Metro	10	0.18	2.11	9	90	1	10	0	0	0	0	0	0
Karbi Anglong	29	0.35	11.18	17	58.6	8	27.6	3	10.3	1	3.4	0	0
Karimganj	9	0	1.05	9	100	0	0	0	0	0	0	0	0
Lakhimpur	17	0.31	3.04	14	82.4	3	17.6	0	0	0	0	0	0
Morigaon	14	0.21	3.39	13	92.9	1	7.1	0	0	0	0	0	0

State / District	No of WL measured	DTW(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20 (m)	
		Min	Max	No	%	No	%	No	%	No	%	No	%
Nagaon	27	0.16	8.33	17	63	7	25.9	3	11.1	0	0	0	0
Nalbari	2	0.81	0.94	2	100	0	0	0	0	0	0	0	0
Sibsagar	8	0.43	8.15	5	62.5	2	25	1	12.5	0	0	0	0
Sonitpur	22	0.26	5.63	18	81.8	3	13.6	1	4.5	0	0	0	0
Tinsukia	15	0.45	2.67	14	93.3	1	6.7	0	0	0	0	0	0
Total	**310**	**0.01**	**15.34**	**235**	**75.8**	**59**	**19**	**12**	**3.9**	**4**	**1.3**	**0**	**0**
MEGHALAYA													
East Garo Hills	15	1.26	2.66	6	40	9	60	0	0	0	0	0	0
East Khasi Hills	8	-0.2	3.2	6	75	2	25	0	0	0	0	0	0
Jaintia hills	2	0.27	1.57	2	100	0	0	0	0	0	0	0	0
Ri-Bhoi	3	0.25	1.11	3	100	0	0	0	0	0	0	0	0
West Garo Hills	9	1.23	6.69	2	22.2	6	66.7	1	11.1	0	0	0	0
West Khasi Hills	1	0.49	0.49	1	100	0	0	0	0	0	0	0	0
Total	**38**	**-0.2**	**6.69**	**20**	**52.6**	**17**	**44.8**	**1**	**2.6**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	20	0.04	29.23	4	20	5	25	4	20	5	25	2	10
Kohima	3	1.57	3.38	1	33.3	2	66.7	0	0	0	0	0	0
Mokokchung	1	1.57	1.57	1	100	0	0	0	0	0	0	0	0
Mon	1	34.74	34.74	0	0	0	0	0	0	0	0	1	100
Phek	1	53.66	53.66	0	0	0	0	0	0	0	0	1	100
Tuensang	1	37.35	37.35	0	0	0	0	0	0	0	0	1	100
Wokha	3	1.43	27.18	1	33.3	1	33.3	0	0	0	0	1	33.3
Total	**30**	**0.04**	**53.66**	**7**	**23.3**	**8**	**26.6**	**4**	**13.4**	**5**	**16.7**	**6**	**20**
TRIPURA													
Dhalai	6	0.45	4.77	4	66.7	2	33.3	0	0	0	0	0	0
North Tripura	14	0.32	6.15	5	35.7	8	57.1	1	7.1	0	0	0	0
South Tripura	17	0.5	8.33	9	52.9	7	41.2	1	5.9	0	0	0	0
West Tripura	26	0.59	25.9	9	34.6	11	42.3	2	7.7	2	7.7	2	7.7
Total	**63**	**0.32**	**25.9**	**27**	**42.8**	**28**	**44.5**	**4**	**6.3**	**2**	**3.2**	**2**	**3.2**
Grand Total	**464**			**307**	**66.2**	**116**	**25**	**21**	**4.5**	**12**	**2.6**	**8**	**1.7**

ANNEXURE- V

DEPTH TO WATER LEVEL RANGE NOVEMBER – 2015

State / District	No of WL measured	DTW(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20 (m)	
		Min	Max	No	%	No	%	No	%	No	%	No	%
ARUNACHAL PRADESH													
Changlang	4	2.6	4.3	0	0	4	100	0	0	0	0	0	0
East Siang	6	0.58	7.87	4	66.7	0	0	2	33.3	0	0	0	0
Lohit	1	2.29	2.29	0	0	1	100	0	0	0	0	0	0
Lower Subansiri	2	1.52	3.31	1	50	1	50	0	0	0	0	0	0
Papumpare	8	-0.16	11.46	3	37.5	3	37.5	1	12.5	1	12.5	0	0
Tirap	3	3.43	5.54	0	0	2	66.7	1	33.3	0	0	0	0
Total	**24**	**-0.16**	**11.46**	**8**	**33.3**	**11**	**45.9**	**4**	**16.7**	**1**	**4.1**	**0**	**0**
ASSAM													
Barpeta	2	1.65	2.04	1	50	1	50	0	0	0	0	0	0
Bongaigaon	8	1.53	3.99	1	12.5	7	87.5	0	0	0	0	0	0
Cachar	22	0.02	6.79	17	77.3	4	18.2	1	4.5	0	0	0	0
Darrang	12	0.22	4.68	3	25	9	75	0	0	0	0	0	0
Dhemaji	13	0.05	7.94	8	61.5	4	30.8	1	7.7	0	0	0	0
Dhubri	8	2.58	16.5	0	0	5	62.5	0	0	3	37.5	0	0
Dibrugarh	9	0.46	4.35	2	22.2	7	77.8	0	0	0	0	0	0
Goalpara	19	1.49	7.53	3	15.8	15	78.9	1	5.3	0	0	0	0
Golaghat	7	1.02	5.27	2	28.6	4	57.1	1	14.3	0	0	0	0
Hailakandi	5	0.17	1.23	5	100	0	0	0	0	0	0	0	0
Jorhat	11	0.4	2.27	10	90.9	1	9.1	0	0	0	0	0	0
Kamrup	11	0.35	4.06	4	36.4	7	63.6	0	0	0	0	0	0
Kamrup Metro	17	0.55	7.37	9	52.9	6	35.3	2	11.8	0	0	0	0
Karbi Anglong	30	1.3	13.26	3	10	22	73.3	4	13.3	1	3.3	0	0
Karimganj	6	0.01	2.66	5	83.3	1	16.7	0	0	0	0	0	0
Kokrajhar	4	2.23	3.42	0	0	4	100	0	0	0	0	0	0
Lakhimpur	16	0.7	4.16	10	62.5	6	37.5	0	0	0	0	0	0
Morigaon	18	1.72	5.1	2	11.1	15	83.3	1	5.6	0	0	0	0

State / District	No of WL measured	DTW(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20 (m)	
		Min	Max	No	%	No	%	No	%	No	%	No	%
Nagaon	34	1.48	12.65	3	8.8	26	76.5	4	11.8	1	2.9	0	0
Nalbari	1	0.63	0.63	1	100	0	0	0	0	0	0	0	0
Sibsagar	6	0.61	4.28	3	50	3	50	0	0	0	0	0	0
Sonitpur	24	0.58	7.29	14	58.3	7	29.2	3	12.5	0	0	0	0
Tinsukia	15	0.94	5.22	8	53.3	6	40	1	6.7	0	0	0	0
Total	**298**	**0.01**	**16.5**	**114**	**38.2**	**160**	**53.7**	**19**	**6.4**	**5**	**1.7**	**0**	**0**
MEGHALAYA													
East Garo Hills	8	1.78	4.21	1	12.5	7	87.5	0	0	0	0	0	0
East Khasi Hills	7	0.08	5.72	4	57.1	2	28.6	1	14.3	0	0	0	0
Jaintia hills	2	0.29	1.18	2	100	0	0	0	0	0	0	0	0
Ri-Bhoi	3	0.07	2.1	2	66.7	1	33.3	0	0	0	0	0	0
West Garo Hills	4	1.64	7.22	2	50	1	25	1	25	0	0	0	0
West Khasi Hills	1	0.72	0.72	1	100	0	0	0	0	0	0	0	0
Total	**25**	**0.07**	**7.22**	**12**	**48**	**11**	**44**	**2**	**8**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	19	1.62	16.19	2	10.5	8	42.1	6	31.6	3	15.8	0	0
Kohima	3	3.72	4.05	0	0	3	100	0	0	0	0	0	0
Mokokchung	1	1.68	1.68	1	100	0	0	0	0	0	0	0	0
Mon	2	2.4	34.68	0	0	1	50	0	0	0	0	1	50
Phek	1	54.35	54.35	0	0	0	0	0	0	0	0	1	100
Wokha	2	4.98	27.35	0	0	1	50	0	0	0	0	1	50
Total	**28**	**1.62**	**54.35**	**3**	**10.7**	**13**	**46.5**	**6**	**21.4**	**3**	**10.7**	**3**	**11**
TRIPURA													
Dhalai	5	0.45	4.77	3	60	2	40	0	0	0	0	0	0
North Tripura	12	0.32	6.15	5	41.7	6	50	1	8.3	0	0	0	0
South Tripura	16	0.69	8.33	7	43.8	8	50	1	6.3	0	0	0	0
West Tripura	23	0.59	25.9	8	34.8	11	47.8	1	4.3	1	4.3	2	8.7
Total	**56**	**0.32**	**25.9**	**23**	**41**	**27**	**48.2**	**3**	**5.4**	**1**	**1.8**	**2**	**3.6**
Grand Total	**431**			**160**	**37.1**	**222**	**51.5**	**34**	**7.9**	**10**	**2.3**	**5**	**1.2**

ANNEXURE- VI

DEPTH TO WATER LEVEL RANGE JANUARY - 2016

State / District	No of WL measured	DTW(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20 (m)	
		Min	Max	No	%	No	%	No	%	No	%	No	%
ARUNACHAL PRADESH													
Changlang	4	2.35	5.63	0	0	3	75	1	25	0	0	0	0
East Siang	7	2.26	10.15	0	0	4	57.1	1	14.3	2	28.6	0	0
Lohit	1	2.71	2.71	0	0	1	100	0	0	0	0	0	0
Lower Subansiri	2	2.4	4.06	0	0	2	100	0	0	0	0	0	0
Papumpare	8	0.01	11.45	3	37.5	3	37.5	1	12.5	1	12.5	0	0
Tirap	4	3.15	6	0	0	2	50	2	50	0	0	0	0
Total	**26**	**0.01**	**11.45**	**3**	**11.5**	**15**	**57.7**	**5**	**19.2**	**3**	**11.6**	**0**	**0**
ASSAM													
Baksha	2	2.74	3.36	0	0	2	100	0	0	0	0	0	0
Barpeta	9	1.39	3.73	2	22.2	7	77.8	0	0	0	0	0	0
Bongaigaon	11	2.27	5.2	0	0	10	90.9	1	9.1	0	0	0	0
Cachar	16	0.71	7.44	6	37.5	8	50	2	12.5	0	0	0	0
Darrang	21	1.35	6.54	5	23.8	15	71.4	1	4.8	0	0	0	0
Dhemaji	14	0.59	8.8	2	14.3	10	71.4	2	14.3	0	0	0	0
Dhubri	13	1.42	16.04	1	7.7	7	53.8	2	15.4	3	23.1	0	0
Dibrugarh	12	0.48	5.3	3	25	8	66.7	1	8.3	0	0	0	0
Goalpara	18	2.12	6.43	0	0	17	94.4	1	5.6	0	0	0	0
Golaghat	10	1.13	6.9	2	20	4	40	4	40	0	0	0	0
Hailakandi	5	0.25	8.34	4	80	0	0	1	20	0	0	0	0
Jorhat	19	0.45	2.87	16	84.2	3	15.8	0	0	0	0	0	0
Kamrup	16	0.46	5.3	4	25	11	68.8	1	6.3	0	0	0	0
Kamrup Metro	10	1.33	3.35	5	50	5	50	0	0	0	0	0	0
Karbi Anglong	41	1.25	21.01	2	4.9	25	61	10	24.4	3	7.3	1	2.4
Karimganj	8	0.12	2.85	7	87.5	1	12.5	0	0	0	0	0	0
Kokrajhar	1	5.19	5.19	0	0	0	0	1	100	0	0	0	0
Lakhimpur	20	0.89	5.14	7	35	12	60	1	5	0	0	0	0

State / District	No of WL measured	DTW(mbgl)		0-2 (m)		2-5 (m)		5-10 (m)		10-20 (m)		>20 (m)	
		Min	Max	No	%	No	%	No	%	No	%	No	%
Morigaon	21	0.62	8.08	3	14.3	13	61.9	5	23.8	0	0	0	0
Nagaon	33	1.31	11.55	3	9.1	20	60.6	9	27.3	1	3	0	0
Nalbari	2	1.64	2.66	1	50	1	50	0	0	0	0	0	0
Sibsagar	7	1.1	11.4	2	28.6	4	57.1	0	0	1	14.3	0	0
Sonitpur	22	0.85	7.33	7	31.8	12	54.5	3	13.6	0	0	0	0
Tinsukia	14	1.61	5.6	1	7.1	11	78.6	2	14.3	0	0	0	0
Total	**345**	**0.12**	**21.01**	**83**	**24**	**206**	**59.7**	**47**	**13.7**	**8**	**2.3**	**1**	**0.3**
MEGHALAYA													
East Garo Hills	11	2.4	5.2	0	0	10	90.9	1	9.1	0	0	0	0
East Khasi Hills	7	0.73	8.62	4	57.1	2	28.6	1	14.3	0	0	0	0
Jaintia hills	2	0.53	1.54	2	100	0	0	0	0	0	0	0	0
Ri-Bhoi	3	0.2	3	1	33.3	2	66.7	0	0	0	0	0	0
West Garo Hills	7	1.81	7.63	2	28.6	4	57.1	1	14.3	0	0	0	0
West Khasi Hills	1	1.27	1.27	1	100	0	0	0	0	0	0	0	0
Total	**31**	**0.2**	**8.62**	**10**	**32.3**	**18**	**58**	**3**	**9.7**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	20	1.9	28	1	5	8	40	4	20	4	20	3	15
Kohima	3	2.83	3.55	0	0	3	100	0	0	0	0	0	0
Mokokchung	1	1.68	1.68	1	100	0	0	0	0	0	0	0	0
Mon	1	34.68	34.68	0	0	0	0	0	0	0	0	1	100
Phek	1	53.55	53.55	0	0	0	0	0	0	0	0	1	100
Tuensang	1	37.42	37.42	0	0	0	0	0	0	0	0	1	100
Wokha	3	2.55	27.35	0	0	2	66.7	0	0	0	0	1	33.3
Total	**30**	**1.68**	**53.55**	**2**	**6.7**	**13**	**43.3**	**4**	**13.3**	**4**	**13.3**	**7**	**23.4**
TRIPURA													
Dhalai	6	1.46	5.37	1	16.7	4	66.7	1	16.7	0	0	0	0
North Tripura	14	1.12	6.95	2	14.3	8	57.1	4	28.6	0	0	0	0
South Tripura	16	0.82	9.6	3	18.8	10	62.5	3	18.8	0	0	0	0
West Tripura	22	1.57	23.35	3	13.6	14	63.6	2	9.1	1	4.5	2	9.1
Total	**58**	**0.82**	**23.35**	**9**	**15.5**	**36**	**62**	**10**	**17.3**	**1**	**1.7**	**2**	**3.5**
Grand Total	**490**			**107**	**21.8**	**288**	**58.8**	**69**	**14.1**	**16**	**3.3**	**10**	**2**

ANNEXURE- VII

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (AUGUST 2015 AND MARCH 2015)

State / District	Number of Stations Analyzed	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	4	0	0	0	0	0	0	0	0	2	50	2	50
Lohit	1	0	0	0	0	0	0	0	0	0	0	1	100
Lower Subansiri	3	0	0	0	0	0	0	1	33.3	1	33.3	1	33.3
Papumpare	7	0	0	0	0	0	0	5	71.4	2	28.6	0	0
Tirap	3	0	0	0	0	0	0	0	0	0	0	3	100
Total	**21**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**28.5**	**8**	**38**	**7**	**33.5**
ASSAM													
Baksha	1	0	0	0	0	0	0	0	0	1	100	0	0
Barpeta	4	0	0	0	0	0	0	0	0	4	100	0	0
Bongaigaon	9	0	0	0	0	0	0	1	11.1	7	77.8	1	11.1
Cachar	22	1	4.5	0	0	0	0	10	45.5	7	31.8	4	18.2
Darrang	15	0	0	0	0	0	0	6	40	8	53.3	1	6.7
Dhemaji	13	0	0	0	0	0	0	4	30.8	7	53.8	2	15.4
Dhubri	10	0	0	0	0	0	0	2	20	3	30	5	50
Dibrugarh	6	0	0	0	0	0	0	1	16.7	4	66.7	1	16.7
Goalpara	19	0	0	0	0	0	0	14	73.7	4	21.1	1	5.3
Golaghat	7	0	0	0	0	0	0	4	57.1	1	14.3	2	28.6
Hailakandi	4	0	0	0	0	0	0	0	0	4	100	0	0
Jorhat	11	0	0	0	0	0	0	7	63.6	4	36.4	0	0
Kamrup	12	0	0	0	0	0	0	6	50	4	33.3	2	16.7
Kamrup Metro	9	0	0	0	0	0	0	5	55.6	3	33.3	1	11.1
Karbi Anglong	24	1	4.2	1	4.2	1	4.2	8	33.3	5	20.8	8	33.3
Karimganj	7	1	14.3	0	0	0	0	3	42.9	2	28.6	1	14.3
Lakhimpur	17	0	0	0	0	0	0	7	41.2	10	58.8	0	0
Morigaon	12	0	0	0	0	0	0	4	33.3	5	41.7	3	25

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nagaon	26	0	0	1	3.8	0	0	11	42.3	10	38.5	4	15.4
Nalbari	2	0	0	0	0	0	0	1	50	1	50	0	0
Sibsagar	6	0	0	0	0	0	0	1	16.7	5	83.3	0	0
Sonitpur	21	0	0	0	0	0	0	9	42.9	9	42.9	3	14.3
Tinsukia	10	1	10	0	0	0	0	1	10	7	70	1	10
Total	**267**	**4**	**1.5**	**2**	**0.8**	**1**	**0.4**	**105**	**39.4**	**115**	**43**	**40**	**14.9**
MEGHALAYA													
East Garo Hills	15	0	0	0	0	0	0	13	86.7	2	13.3	0	0
East Khasi Hills	7	0	0	0	0	0	0	3	42.9	3	42.9	1	14.3
Jaintia hills	2	1	50	0	0	0	0	1	50	0	0	0	0
Ri-Bhoi	3	0	0	0	0	0	0	2	66.7	1	33.3	0	0
West Garo Hills	7	0	0	0	0	0	0	6	85.7	1	14.3	0	0
West Khasi Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	**35**	**1**	**2.9**	**0**	**0**	**0**	**0**	**26**	**74.2**	**7**	**20**	**1**	**2.9**
NAGALAND													
Dimapur	9	0	0	1	11.1	1	11.1	0	0	4	44.4	3	33.3
Kohima	3	0	0	0	0	0	0	2	66.7	0	0	1	33.3
Mokokchung	1	0	0	0	0	0	0	1	100	0	0	0	0
Mon	1	0	0	0	0	0	0	0	0	1	100	0	0
Phek	1	0	0	0	0	0	0	0	0	0	0	1	100
Tuensang	1	0	0	0	0	0	0	1	100	0	0	0	0
Wokha	3	0	0	0	0	0	0	0	0	1	33.3	2	66.7
Total	**19**	**0**	**0**	**1**	**5.3**	**1**	**5.3**	**4**	**21**	**6**	**31.5**	**7**	**36.9**
TRIPURA													
Dhalai	6	0	0	0	0	0	0	4	66.7	2	33.3	0	0
North Tripura	14	1	7.1	0	0	0	0	5	35.7	5	35.7	3	21.4
South Tripura	17	0	0	0	0	0	0	8	47.1	9	52.9	0	0
West Tripura	24	0	0	0	0	0	0	15	62.5	7	29.2	2	8.3
Total	**61**	**1**	**1.6**	**0**	**0**	**0**	**0**	**32**	**52.4**	**23**	**37.8**	**5**	**8.2**
Grand Total	**403**	**6**	**1.5**	**3**	**0.7**	**2**	**0.5**	**173**	**42.9**	**159**	**39.5**	**60**	**14.9**

ANNEXURE- VIII

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (NOVEMBER 2015 AND MARCH 2015)

State / District	Number of Stations Analyzed	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	0	0	0	0	0	0	2	50	2	50	0	0
Lohit	1	0	0	0	0	0	0	0	0	1	100	0	0
Lower Subansiri	2	0	0	0	0	0	0	1	50	0	0	1	50
Papumpare	8	0	0	0	0	0	0	8	100	0	0	0	0
Tirap	3	0	0	0	0	0	0	0	0	2	66.7	1	33.3
Total	**21**	**1**	**4.7**	**0**	**0**	**0**	**0**	**13**	**62**	**5**	**23.8**	**2**	**9.5**
ASSAM													
Barpeta	2	0	0	0	0	0	0	1	50	1	50	0	0
Bongaigaon	7	1	14.3	0	0	0	0	5	71.4	1	14.3	0	0
Cachar	21	2	9.5	0	0	0	0	9	42.9	6	28.6	4	19
Darrang	9	0	0	0	0	0	0	7	77.8	2	22.2	0	0
Dhemaji	13	0	0	0	0	0	0	12	92.3	1	7.7	0	0
Dhubri	6	0	0	0	0	0	0	3	50	3	50	0	0
Dibrugarh	6	0	0	0	0	0	0	5	83.3	1	16.7	0	0
Goalpara	19	0	0	0	0	0	0	15	78.9	3	15.8	1	5.3
Golaghat	6	0	0	0	0	0	0	4	66.7	1	16.7	1	16.7
Hailakandi	4	0	0	0	0	0	0	3	75	1	25	0	0
Jorhat	11	1	9.1	0	0	0	0	7	63.6	3	27.3	0	0
Kamrup	11	1	9.1	0	0	0	0	7	63.6	3	27.3	0	0
Kamrup Metro	10	3	30	0	0	0	0	4	40	0	0	3	30
Karbi Anglong	24	6	25	1	4.2	1	4.2	6	25	3	12.5	7	29.2
Karimganj	6	0	0	0	0	0	0	3	50	3	50	0	0
Kokrajhar	2	0	0	0	0	0	0	2	100	0	0	0	0
Lakhimpur	16	1	6.3	0	0	0	0	15	93.8	0	0	0	0
Morigaon	16	5	31.3	1	6.3	0	0	8	50	0	0	2	12.5

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nagaon	28	11	39.3	0	0	1	3.6	11	39.3	3	10.7	2	7.1
Nalbari	1	0	0	0	0	0	0	1	100	0	0	0	0
Sibsagar	6	0	0	0	0	0	0	4	66.7	1	16.7	1	16.7
Sonitpur	21	0	0	0	0	0	0	18	85.7	2	9.5	1	4.8
Tinsukia	10	1	10	0	0	0	0	5	50	4	40	0	0
Total	**255**	**32**	**12.5**	**2**	**0.8**	**2**	**0.8**	**155**	**60.8**	**42**	**16.5**	**22**	**8.6**
MEGHALAYA													
East Garo Hills	8	1	12.5	0	0	0	0	6	75	1	12.5	0	0
East Khasi Hills	6	0	0	0	0	0	0	4	66.7	2	33.3	0	0
Jaintia hills	2	0	0	0	0	0	0	2	100	0	0	0	0
Ri-Bhoi	3	0	0	0	0	0	0	3	100	0	0	0	0
West Garo Hills	3	0	0	0	0	0	0	3	100	0	0	0	0
West Khasi Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	**23**	**1**	**4.3**	**0**	**0**	**0**	**0**	**19**	**82.6**	**3**	**13.1**	**0**	**0**
NAGALAND													
Dimapur	7	0	0	0	0	0	0	3	42.9	2	28.6	2	28.6
Kohima	3	0	0	0	0	0	0	2	66.7	1	33.3	0	0
Mokokchung	1	0	0	0	0	0	0	1	100	0	0	0	0
Mon	2	0	0	0	0	0	0	0	0	2	100	0	0
Phek	1	0	0	0	0	0	0	0	0	0	0	1	100
Wokha	2	0	0	0	0	0	0	0	0	1	50	1	50
Total	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**37.5**	**6**	**37.5**	**4**	**25**
TRIPURA													
Dhalai	5	0	0	0	0	0	0	3	60	2	40	0	0
North Tripura	12	1	8.3	0	0	0	0	5	41.7	4	33.3	2	16.7
South Tripura	15	1	6.7	0	0	0	0	7	46.7	7	46.7	0	0
West Tripura	22	0	0	0	0	0	0	16	72.7	4	18.2	2	9.1
Total	**54**	**2**	**3.7**	**0**	**0**	**0**	**0**	**31**	**57.4**	**17**	**31.5**	**4**	**7.4**
Grand Total	**369**	**36**	**9.8**	**2**	**0.5**	**2**	**0.5**	**224**	**60.7**	**73**	**19.8**	**32**	**8.7**

ANNEXURE- IX

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (NOVEMBER 2015 AND AUGUST 2015)

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
ARUNACHAL PRADESH													
Changlang	4	3	75	1	25	0	0	0	0	0	0	0	0
East Siang	5	3	60	0	0	2	40	0	0	0	0	0	0
Lohit	1	1	100	0	0	0	0	0	0	0	0	0	0
Lower Subansiri	2	1	50	1	50	0	0	0	0	0	0	0	0
Papumpare	7	7	100	0	0	0	0	0	0	0	0	0	0
Tirap	3	0	0	3	100	0	0	0	0	0	0	0	0
Total	**22**	**15**	**68.2**	**5**	**22.7**	**2**	**9.1**	**0**	**0**	**0**	**0**	**0**	**0**
ASSAM													
Barpeta	1	1	100	0	0	0	0	0	0	0	0	0	0
Bongaigaon	8	7	87.5	1	12.5	0	0	0	0	0	0	0	0
Cachar	21	12	57.1	0	0	0	0	9	42.9	0	0	0	0
Darrang	11	8	72.7	1	9.1	0	0	1	9.1	1	9.1	0	0
Dhemaji	12	10	83.3	2	16.7	0	0	0	0	0	0	0	0
Dhubri	7	4	57.1	3	42.9	0	0	0	0	0	0	0	0
Dibrugarh	9	5	55.6	4	44.4	0	0	0	0	0	0	0	0
Goalpara	19	14	73.7	0	0	0	0	5	26.3	0	0	0	0
Golaghat	5	2	40	0	0	0	0	3	60	0	0	0	0
Hailakandi	5	4	80	0	0	0	0	1	20	0	0	0	0
Jorhat	11	10	90.9	0	0	0	0	1	9.1	0	0	0	0
Kamrup	10	7	70	2	20	0	0	1	10	0	0	0	0
Kamrup Metro	8	8	100	0	0	0	0	0	0	0	0	0	0
Karbi Anglong	28	21	75	5	17.9	0	0	2	7.1	0	0	0	0
Karimganj	6	3	50	1	16.7	0	0	2	33.3	0	0	0	0
Lakhimpur	15	15	100	0	0	0	0	0	0	0	0	0	0
Morigaon	13	9	69.2	4	30.8	0	0	0	0	0	0	0	0

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nagaon	24	16	66.7	5	20.8	2	8.3	1	4.2	0	0	0	0
Nalbari	1	0	0	0	0	0	0	1	100	0	0	0	0
Sibsagar	6	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Sonitpur	22	20	90.9	2	9.1	0	0	0	0	0	0	0	0
Tinsukia	15	11	73.3	2	13.3	1	6.7	1	6.7	0	0	0	0
Total	**257**	**192**	**74.7**	**32**	**12.5**	**3**	**1.2**	**29**	**11.3**	**1**	**0.3**	**0**	**0**
MEGHALAYA													
East Garo Hills	8	6	75	1	12.5	0	0	1	12.5	0	0	0	0
East Khasi Hills	7	6	85.7	1	14.3	0	0	0	0	0	0	0	0
Jaintia hills	2	1	50	0	0	0	0	1	50	0	0	0	0
Ri-Bhoi	3	2	66.7	0	0	0	0	1	33.3	0	0	0	0
West Garo Hills	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	**24**	**17**	**70.9**	**2**	**8.3**	**0**	**0**	**5**	**20.8**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	17	7	41.2	3	17.6	0	0	3	17.6	0	0	4	23.5
Kohima	3	2	66.7	1	33.3	0	0	0	0	0	0	0	0
Mokokchung	1	1	100	0	0	0	0	0	0	0	0	0	0
Mon	1	0	0	0	0	0	0	1	100	0	0	0	0
Phek	1	1	100	0	0	0	0	0	0	0	0	0	0
Wokha	2	2	100	0	0	0	0	0	0	0	0	0	0
Total	**25**	**13**	**52**	**4**	16	**0**	**0**	**4**	**16**	**0**	**0**	**4**	**16**
TRIPURA													
Dhalai	5	0	0	0	0	0	0	5	100	0	0	0	0
North Tripura	12	2	16.7	0	0	0	0	10	83.3	0	0	0	0
South Tripura	15	4	26.7	0	0	0	0	11	73.3	0	0	0	0
West Tripura	20	1	5	0	0	0	0	19	95	0	0	0	0
Total	**52**	**7**	**13.5**	**0**	**0**	**0**	**0**	**45**	**86.5**	**0**	**0**	**0**	**0**
Grand Total	**380**	**244**	**64.2**	**43**	**11.3**	**5**	**1.3**	**83**	**21.8**	**1**	**0.3**	**4**	**1.1**

ANNEXURE- X

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (JANUARY 2016 AND MARCH 2015)

State / District	Number of Stations Analyzed	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	1	33.3	0	0	1	33.3	0	0	0	0
East Siang	4	0	0	0	0	0	0	4	100	0	0	0	0
Lohit	1	0	0	0	0	0	0	0	0	1	100	0	0
Lower Subansiri	2	1	50	0	0	0	0	0	0	0	0	1	50
Papumpare	8	1	12.5	0	0	0	0	7	87.5	0	0	0	0
Tirap	3	0	0	0	0	0	0	2	66.7	0	0	1	33.3
Total	**21**	**3**	**14.3**	**1**	**4.7**	**0**	**0**	**14**	**66.8**	**1**	**4.7**	**2**	**9.5**
ASSAM													
Baksha	2	0	0	0	0	0	0	1	50	0	0	1	50
Barpeta	7	0	0	0	0	0	0	5	71.4	2	28.6	0	0
Bongaigaon	9	2	22.2	0	0	0	0	6	66.7	0	0	1	11.1
Cachar	14	2	14.3	0	0	0	0	10	71.4	1	7.1	1	7.1
Darrang	15	5	33.3	0	0	0	0	10	66.7	0	0	0	0
Dhemaji	12	1	8.3	0	0	0	0	11	91.7	0	0	0	0
Dhubri	10	1	10	0	0	0	0	9	90	0	0	0	0
Dibrugarh	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Goalpara	18	6	33.3	0	0	0	0	11	61.1	0	0	1	5.6
Golaghat	7	2	28.6	0	0	0	0	3	42.9	1	14.3	1	14.3
Hailakandi	4	0	0	0	0	1	25	1	25	2	50	0	0
Jorhat	10	2	20	0	0	0	0	6	60	2	20	0	0
Kamrup	16	4	25	0	0	0	0	11	68.8	1	6.3	0	0
Kamrup Metro	9	5	55.6	0	0	0	0	2	22.2	1	11.1	1	11.1
Karbi Anglong	26	8	30.8	1	3.8	2	7.7	6	23.1	4	15.4	5	19.2
Karimganj	7	2	28.6	0	0	0	0	3	42.9	2	28.6	0	0
Kokrajhar	1	0	0	0	0	0	0	1	100	0	0	0	0
Lakhimpur	17	3	17.6	0	0	0	0	13	76.5	1	5.9	0	0
Morigaon	14	1	7.1	2	14.3	0	0	9	64.3	1	7.1	1	7.1

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nagaon	28	12	42.9	3	10.7	0	0	11	39.3	1	3.6	1	3.6
Nalbari	2	0	0	0	0	0	0	2	100	0	0	0	0
Sibsagar	5	0	0	0	0	0	0	4	80	1	20	0	0
Sonitpur	20	1	5	0	0	0	0	17	85	1	5	1	5
Tinsukia	8	2	25	0	0	0	0	6	75	0	0	0	0
Total	**267**	**60**	**22.6**	**6**	**2.3**	**3**	**1.1**	**163**	**61**	**21**	**7.8**	**14**	**5.2**
MEGHALAYA													
East Garo Hills	11	2	18.2	0	0	0	0	9	81.8	0	0	0	0
East Khasi Hills	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Jaintia hills	2	1	50	0	0	0	0	1	50	0	0	0	0
Ri-Bhoi	3	0	0	0	0	0	0	3	100	0	0	0	0
West Garo Hills	6	0	0	0	0	0	0	6	100	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	**29**	**5**	**17.2**	**0**	**0**	**0**	**0**	**24**	**82.8**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	9	1	11.1	0	0	0	0	2	22.2	3	33.3	3	33.3
Kohima	3	0	0	0	0	0	0	2	66.7	0	0	1	33.3
Mokokchung	1	0	0	0	0	0	0	1	100	0	0	0	0
Mon	1	0	0	0	0	0	0	0	0	1	100	0	0
Phek	1	0	0	0	0	0	0	0	0	0	0	1	100
Tuensang	1	0	0	0	0	0	0	1	100	0	0	0	0
Wokha	3	0	0	0	0	0	0	0	0	2	66.7	1	33.3
Total	**19**	**1**	**5.2**	**0**	**0**	**0**	**0**	**6**	**31.6**	**6**	**31.6**	**6**	**31.6**
TRIPURA													
Dhalai	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
North Tripura	13	3	23.1	0	0	0	0	8	61.5	1	7.7	1	7.7
South Tripura	16	0	0	0	0	0	0	16	100	0	0	0	0
West Tripura	21	2	9.5	0	0	0	0	16	76.2	2	9.5	1	4.8
Total	**53**	**6**	**11.4**	**0**	**0**	**0**	**0**	**42**	**79.3**	**3**	**5.6**	**2**	**3.7**
Grand Total	**389**	**75**	**19.3**	**7**	**1.8**	**3**	**0.8**	**249**	**64**	**31**	**8**	**24**	**6.2**

ANNEXURE- XI

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (JANUARY 2016 AND AUGUST 2015)

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
ARUNACHAL PRADESH													
Changlang	4	1	25	2	50	1	25	0	0	0	0	0	0
East Siang	4	0	0	2	50	2	50	0	0	0	0	0	0
Lohit	1	1	100	0	0	0	0	0	0	0	0	0	0
Lower Subansiri	2	1	50	1	50	0	0	0	0	0	0	0	0
Papumpare	7	7	100	0	0	0	0	0	0	0	0	0	0
Tirap	3	0	0	3	100	0	0	0	0	0	0	0	0
Total	**21**	**10**	**47.7**	**8**	**38**	**3**	**14.3**	**0**	**0**	**0**	**0**	**0**	**0**
ASSAM													
Baksha	1	1	100	0	0	0	0	0	0	0	0	0	0
Barpeta	5	2	40	3	60	0	0	0	0	0	0	0	0
Bongaigaon	11	5	45.5	6	54.5	0	0	0	0	0	0	0	0
Cachar	13	7	53.8	5	38.5	0	0	1	7.7	0	0	0	0
Darrang	18	11	61.1	4	22.2	2	11.1	0	0	1	5.6	0	0
Dhemaji	11	6	54.5	5	45.5	0	0	0	0	0	0	0	0
Dhubri	11	4	36.4	4	36.4	3	27.3	0	0	0	0	0	0
Dibrugarh	11	3	27.3	8	72.7	0	0	0	0	0	0	0	0
Goalpara	18	15	83.3	3	16.7	0	0	0	0	0	0	0	0
Golaghat	6	5	83.3	1	16.7	0	0	0	0	0	0	0	0
Hailakandi	5	3	60	0	0	1	20	1	20	0	0	0	0
Jorhat	14	13	92.9	0	0	0	0	1	7.1	0	0	0	0
Kamrup	12	7	58.3	5	41.7	0	0	0	0	0	0	0	0
Kamrup Metro	10	9	90	1	10	0	0	0	0	0	0	0	0
Karbi Anglong	29	13	44.8	13	44.8	3	10.3	0	0	0	0	0	0
Karimganj	8	7	87.5	1	12.5	0	0	0	0	0	0	0	0
Lakhimpur	16	15	93.8	1	6.3	0	0	0	0	0	0	0	0
Morigaon	13	3	23.1	9	69.2	1	7.7	0	0	0	0	0	0
Nagaon	26	11	42.3	11	42.3	3	11.5	1	3.8	0	0	0	0

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nalbari	2	2	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	7	5	71.4	2	28.6	0	0	0	0	0	0	0	0
Sonitpur	21	17	81	3	14.3	1	4.8	0	0	0	0	0	0
Tinsukia	13	7	53.8	6	46.2	0	0	0	0	0	0	0	0
Total	**281**	**171**	**60.9**	**91**	**32.3**	**14**	**5**	**4**	**1.4**	**1**	**0.4**	**0**	**0**
MEGHALAYA													
East Garo Hills	11	10	90.9	1	9.1	0	0	0	0	0	0	0	0
East Khasi Hills	7	4	57.1	2	28.6	1	14.3	0	0	0	0	0	0
Jaintia hills	2	1	50	0	0	0	0	1	50	0	0	0	0
Ri-Bhoi	3	1	33.3	1	33.3	0	0	1	33.3	0	0	0	0
West Garo Hills	6	5	83.3	0	0	0	0	1	16.7	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	**30**	**22**	**73.3**	**4**	**13.3**	**1**	**3.4**	**3**	**10**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	19	6	31.6	4	21.1	2	10.5	2	10.5	0	0	5	26.3
Kohima	3	3	100	0	0	0	0	0	0	0	0	0	0
Mokokchung	1	1	100	0	0	0	0	0	0	0	0	0	0
Mon	1	0	0	0	0	0	0	1	100	0	0	0	0
Phek	1	0	0	0	0	0	0	1	100	0	0	0	0
Tuensang	1	1	100	0	0	0	0	0	0	0	0	0	0
Wokha	3	3	100	0	0	0	0	0	0	0	0	0	0
Total	**29**	**14**	**48.2**	**4**	**13.9**	**2**	**6.9**	**4**	**13.8**	**0**	**0**	**5**	**17.2**
TRIPURA													
Dhalai	3	2	66.7	1	33.3	0	0	0	0	0	0	0	0
North Tripura	13	11	84.6	1	7.7	1	7.7	0	0	0	0	0	0
South Tripura	16	14	87.5	2	12.5	0	0	0	0	0	0	0	0
West Tripura	21	14	66.7	4	19	0	0	2	9.5	0	0	1	4.8
Total	**53**	**41**	**77.4**	**8**	**15**	**1**	**1.9**	**2**	**3.8**	**0**	**0**	**1**	**1.9**
Grand Total	**414**	**258**	**62.3**	**115**	**27.8**	**21**	**5.1**	**13**	**3.1**	**1**	**0.2**	**6**	**1.4**

ANNEXURE- XII

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (JANUARY 2016 AND NOVEMBER 2015)

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
ARUNACHAL PRADESH													
Changlang	4	3	75	0	0	0	0	1	25	0	0	0	0
East Siang	4	2	50	2	50	0	0	0	0	0	0	0	0
Lohit	1	1	100	0	0	0	0	0	0	0	0	0	0
Lower Subansiri	2	2	100	0	0	0	0	0	0	0	0	0	0
Papumpare	8	7	87.5	0	0	0	0	1	12.5	0	0	0	0
Tirap	3	3	100	0	0	0	0	0	0	0	0	0	0
Total	**22**	**18**	**82**	**2**	**9**	**0**	**0**	**2**	**9**	**0**	**0**	**0**	**0**
ASSAM													
Barpeta	2	2	100	0	0	0	0	0	0	0	0	0	0
Bongaigaon	8	8	100	0	0	0	0	0	0	0	0	0	0
Cachar	13	13	100	0	0	0	0	0	0	0	0	0	0
Darrang	11	10	90.9	0	0	0	0	1	9.1	0	0	0	0
Dhemaji	12	12	100	0	0	0	0	0	0	0	0	0	0
Dhubri	8	7	87.5	0	0	0	0	1	12.5	0	0	0	0
Dibrugarh	9	6	66.7	0	0	0	0	3	33.3	0	0	0	0
Goalpara	18	15	83.3	2	11.1	0	0	1	5.6	0	0	0	0
Golaghat	7	6	85.7	1	14.3	0	0	0	0	0	0	0	0
Hailakandi	5	3	60	0	0	1	20	1	20	0	0	0	0
Jorhat	10	8	80	0	0	0	0	2	20	0	0	0	0
Kamrup	11	10	90.9	1	9.1	0	0	0	0	0	0	0	0
Kamrup Metro	8	5	62.5	0	0	0	0	3	37.5	0	0	0	0
Karbi Anglong	29	14	48.3	5	17.2	2	6.9	8	27.6	0	0	0	0
Karimganj	6	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Kokrajhar	1	1	100	0	0	0	0	0	0	0	0	0	0
Lakhimpur	16	14	87.5	1	6.3	0	0	1	6.3	0	0	0	0

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Morigaon	16	11	68.8	0	0	1	6.3	4	25	0	0	0	0
Nagaon	30	19	63.3	3	10	0	0	7	23.3	1	3.3	0	0
Nalbari	1	1	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	5	3	60	1	20	0	0	1	20	0	0	0	0
Sonitpur	22	20	90.9	0	0	0	0	2	9.1	0	0	0	0
Tinsukia	13	8	61.5	3	23.1	0	0	2	15.4	0	0	0	0
Total	**261**	**201**	**77**	**17**	**6.5**	**4**	**1.5**	**38**	**14.6**	**1**	**0.4**	**0**	**0**
MEGHALAYA													
East Garo Hills	8	8	100	0	0	0	0	0	0	0	0	0	0
East Khasi Hills	7	5	71.4	1	14.3	0	0	1	14.3	0	0	0	0
Jaintia hills	2	2	100	0	0	0	0	0	0	0	0	0	0
Ri-Bhoi	3	3	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	4	4	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	**25**	**23**	**92**	**1**	**4**	**0**	**0**	**1**	**4**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	18	6	33.3	4	22.2	2	11.1	6	33.3	0	0	0	0
Kohima	3	0	0	0	0	0	0	3	100	0	0	0	0
Mokokchung	1	0	0	0	0	0	0	1	100	0	0	0	0
Mon	1	0	0	0	0	0	0	1	100	0	0	0	0
Phek	1	0	0	0	0	0	0	1	100	0	0	0	0
Wokha	2	0	0	0	0	0	0	2	100	0	0	0	0
Total	**26**	**6**	**23**	**4**	**15.4**	**2**	**7.7**	**14**	**53.9**	**0**	**0**	**0**	**0**
TRIPURA													
Dhalai	2	1	50	1	50	0	0	0	0	0	0	0	0
North Tripura	11	9	81.8	2	18.2	0	0	0	0	0	0	0	0
South Tripura	14	10	71.4	2	14.3	0	0	2	14.3	0	0	0	0
West Tripura	17	12	70.6	2	11.8	0	0	2	11.8	0	0	1	5.9
Total	**44**	**32**	**72.8**	**7**	**15.9**	**0**	**0**	**4**	**9**	**0**	**0**	**1**	**2.3**
Grand Total	**378**	**280**	**74.1**	**31**	**8.2**	**6**	**1.6**	**59**	**15.6**	**1**	**0.3**	**1**	**0.3**

ANNEXURE- XIII

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (MARCH 2015 AND MARCH 2014)

State / District	Number of Stations Analyzed	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	1	33.3	0	0	1	33.3	0	0	0	0
East Siang	4	0	0	0	0	0	0	4	100	0	0	0	0
Lohit	1	1	100	0	0	0	0	0	0	0	0	0	0
Papumpare	8	4	50	0	0	0	0	4	50	0	0	0	0
Tirap	3	1	33.3	1	33.3	1	33.3	0	0	0	0	0	0
Total	**19**	**7**	**36.9**	**2**	**10.5**	**1**	**5.2**	**9**	**47.4**	**0**	**0**	**0**	**0**
ASSAM													
Baksha	1	0	0	0	0	0	0	1	100	0	0	0	0
Barpeta	6	4	66.7	0	0	0	0	2	33.3	0	0	0	0
Bongaigaon	8	4	50	0	0	0	0	4	50	0	0	0	0
Cachar	20	13	65	0	0	0	0	7	35	0	0	0	0
Darrang	14	8	57.1	0	0	0	0	6	42.9	0	0	0	0
Dhemaji	14	7	50	0	0	0	0	7	50	0	0	0	0
Dhubri	10	6	60	0	0	0	0	4	40	0	0	0	0
Dibrugarh	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Goalpara	18	5	27.8	2	11.1	1	5.6	10	55.6	0	0	0	0
Golaghat	5	3	60	0	0	0	0	2	40	0	0	0	0
Hailakandi	4	2	50	0	0	0	0	0	0	1	25	1	25
Jorhat	11	9	81.8	1	9.1	0	0	1	9.1	0	0	0	0
Kamrup	15	7	46.7	0	0	0	0	7	46.7	1	6.7	0	0
Kamrup Metro	8	3	37.5	1	12.5	1	12.5	3	37.5	0	0	0	0
Karbi Anglong	17	5	29.4	1	5.9	1	5.9	7	41.2	2	11.8	1	5.9
Karimganj	8	3	37.5	0	0	0	0	5	62.5	0	0	0	0
Lakhimpur	16	6	37.5	0	0	0	0	10	62.5	0	0	0	0
Morigaon	13	6	46.2	1	7.7	0	0	4	30.8	0	0	2	15.4

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nagaon	28	10	35.7	0	0	2	7.1	15	53.6	0	0	1	3.6
Nalbari	2	2	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	4	2	50	0	0	0	0	2	50	0	0	0	0
Sonitpur	21	10	47.6	0	0	0	0	11	52.4	0	0	0	0
Tinsukia	9	3	33.3	0	0	0	0	5	55.6	1	11.1	0	0
Total	**255**	**119**	**46.6**	**6**	**2.4**	**5**	**2**	**115**	**45**	**5**	**2**	**5**	**2**
MEGHALAYA													
East Garo Hills	7	3	42.9	0	0	0	0	4	57.1	0	0	0	0
East Khasi Hills	4	0	0	0	0	0	0	4	100	0	0	0	0
Jaintia hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Ri-Bhoi	2	2	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	9	5	55.6	1	11.1	0	0	2	22.2	1	11.1	0	0
West Khasi Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	**24**	**10**	**41.6**	**1**	**4.2**	**0**	**0**	**12**	**50**	**1**	**4.2**	**0**	**0**
NAGALAND													
Dimapur	10	7	70	1	10	1	10	0	0	0	0	1	10
Kohima	3	3	100	0	0	0	0	0	0	0	0	0	0
Mokokchung	1	1	100	0	0	0	0	0	0	0	0	0	0
Mon	2	2	100	0	0	0	0	0	0	0	0	0	0
Phek	1	0	0	0	0	1	100	0	0	0	0	0	0
Tuensang	1	1	100	0	0	0	0	0	0	0	0	0	0
Wokha	3	2	66.7	1	33.3	0	0	0	0	0	0	0	0
Total	**21**	**16**	**76**	**2**	**9.6**	**2**	**9.6**	**0**	**0**	**0**	**0**	**1**	**4.8**
TRIPURA													
Dhalai	3	1	33.3	0	0	0	0	1	33.3	1	33.3	0	0
North Tripura	8	5	62.5	0	0	0	0	3	37.5	0	0	0	0
South Tripura	17	10	58.8	0	0	0	0	7	41.2	0	0	0	0
West Tripura	24	15	62.5	1	4.2	0	0	7	29.2	1	4.2	0	0
Total	**52**	**31**	**59.6**	**1**	**1.9**	**0**	**0**	**18**	**34.6**	**2**	**3.9**	**0**	**0**
Grand Total	**371**	**183**	**49.3**	**12**	**3.2**	**8**	**2.2**	**154**	**41.5**	**8**	**2.2**	**6**	**1.6**

ANNEXURE- XIV

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (AUGUST 2015 AND AUGUST 2014)

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
ARUNACHAL PRADESH													
Changlang	4	3	75	0	0	0	0	1	25	0	0	0	0
East Siang	4	2	50	1	25	0	0	1	25	0	0	0	0
Lohit	1	1	100	0	0	0	0	0	0	0	0	0	0
Papumpare	6	6	100	0	0	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	**18**	**14**	**77.7**	**1**	**5.6**	**0**	**0**	**3**	**16.7**	**0**	**0**	**0**	**0**
ASSAM													
Barpeta	4	2	50	0	0	0	0	2	50	0	0	0	0
Bongaigaon	11	9	81.8	0	0	0	0	2	18.2	0	0	0	0
Cachar	22	6	27.3	1	4.5	0	0	15	68.2	0	0	0	0
Darrang	19	9	47.4	0	0	0	0	10	52.6	0	0	0	0
Dhemaji	14	6	42.9	0	0	0	0	8	57.1	0	0	0	0
Dhubri	11	7	63.6	0	0	0	0	3	27.3	0	0	1	9.1
Dibrugarh	11	8	72.7	0	0	0	0	3	27.3	0	0	0	0
Goalpara	10	5	50	2	20	0	0	3	30	0	0	0	0
Golaghat	8	2	25	3	37.5	0	0	2	25	1	12.5	0	0
Hailakandi	5	0	0	0	0	0	0	5	100	0	0	0	0
Jorhat	15	4	26.7	0	0	0	0	11	73.3	0	0	0	0
Kamrup	10	3	30	0	0	0	0	7	70	0	0	0	0
Kamrup Metro	7	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Karbi Anglong	22	6	27.3	3	13.6	1	4.5	7	31.8	4	18.2	1	4.5
Karimganj	7	1	14.3	0	0	0	0	5	71.4	1	14.3	0	0

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Lakhimpur	13	9	69.2	0	0	0	0	4	30.8	0	0	0	0
Morigaon	9	0	0	1	11.1	0	0	6	66.7	2	22.2	0	0
Nagaon	23	3	13	1	4.3	2	8.7	12	52.2	5	21.7	0	0
Nalbari	2	2	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	6	3	50	0	0	0	0	3	50	0	0	0	0
Sonitpur	22	9	40.9	0	0	0	0	13	59.1	0	0	0	0
Tinsukia	15	13	86.7	0	0	0	0	2	13.3	0	0	0	0
Total	**266**	**112**	**42.1**	**11**	**4.2**	**3**	**1.1**	**125**	**47**	**13**	**4.9**	**2**	**0.7**
MEGHALAYA													
East Khasi Hills	7	1	14.3	0	0	0	0	5	71.4	0	0	1	14.3
Jaintia hills	2	1	50	0	0	0	0	1	50	0	0	0	0
Ri-Bhoi	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	**12**	**4**	**33.3**	**0**	**0**	**0**	**0**	**7**	**58.3**	**0**	**0**	**1**	**8.4**
TRIPURA													
Dhalai	3	3	100	0	0	0	0	0	0	0	0	0	0
North Tripura	11	7	63.6	0	0	0	0	4	36.4	0	0	0	0
South Tripura	17	6	35.3	0	0	0	0	11	64.7	0	0	0	0
West Tripura	25	8	32	0	0	0	0	13	52	4	16	0	0
Total	**56**	**24**	**42.8**	**0**	**0**	**0**	**0**	**28**	**50**	**4**	**7.2**	**0**	**0**
Grand Total	**352**	**154**	**43.8**	**12**	**3.4**	**3**	**0.9**	**163**	**46.3**	**17**	**4.8**	**3**	**0.9**

ANNEXURE- XV

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (NOVEMBER 2015 AND NOVEMBER 2014)

State / District	Number of Stations Analyzed	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	3	75	0	0	0	0	1	25	0	0	0	0
Lohit	1	0	0	0	0	0	0	1	100	0	0	0	0
Papumpare	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
Tirap	3	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Total	**19**	**10**	**52.6**	**0**	**0**	**0**	**0**	**9**	**47.4**	**0**	**0**	**0**	**0**
ASSAM													
Barpeta	2	0	0	0	0	0	0	2	100	0	0	0	0
Bongaigaon	8	4	50	0	0	0	0	4	50	0	0	0	0
Cachar	22	3	13.6	0	0	0	0	18	81.8	1	4.5	0	0
Darrang	11	7	63.6	0	0	0	0	3	27.3	1	9.1	0	0
Dhemaji	13	7	53.8	0	0	0	0	6	46.2	0	0	0	0
Dhubri	8	5	62.5	1	12.5	0	0	2	25	0	0	0	0
Dibrugarh	9	7	77.8	0	0	0	0	2	22.2	0	0	0	0
Goalpara	19	2	10.5	0	0	0	0	17	89.5	0	0	0	0
Golaghat	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Hailakandi	5	1	20	0	0	0	0	3	60	1	20	0	0
Jorhat	11	3	27.3	0	0	0	0	8	72.7	0	0	0	0
Kamrup	11	3	27.3	0	0	0	0	8	72.7	0	0	0	0
Kamrup Metro	8	6	75	1	12.5	0	0	1	12.5	0	0	0	0
Karbi Anglong	23	11	47.8	2	8.7	1	4.3	7	30.4	1	4.3	1	4.3
Karimganj	6	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Lakhimpur	14	9	64.3	0	0	0	0	5	35.7	0	0	0	0
Morigaon	15	10	66.7	0	0	0	0	5	33.3	0	0	0	0
Nagaon	28	18	64.3	3	10.7	1	3.6	5	17.9	1	3.6	0	0

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nalbari	1	0	0	0	0	0	0	1	100	0	0	0	0
Sibsagar	5	2	40	0	0	0	0	2	40	1	20	0	0
Sonitpur	24	7	29.2	0	0	0	0	17	70.8	0	0	0	0
Tinsukia	15	7	46.7	0	0	0	0	6	40	2	13.3	0	0
Total	**264**	**114**	**43.2**	**7**	**2.6**	**2**	**0.8**	**132**	**50**	**8**	**3**	**1**	**0.4**
MEGHALAYA													
East Garo Hills	6	3	50	0	0	0	0	3	50	0	0	0	0
East Khasi Hills	7	1	14.3	0	0	0	0	5	71.4	1	14.3	0	0
Jaintia hills	2	0	0	0	0	0	0	2	100	0	0	0	0
Ri-Bhoi	2	0	0	0	0	0	0	2	100	0	0	0	0
West Garo Hills	4	3	75	0	0	0	0	1	25	0	0	0	0
West Khasi Hills	1	0	0	0	0	0	0	1	100	0	0	0	0
Total	**22**	**7**	**31.8**	**0**	**0**	**0**	**0**	**14**	**63.7**	**1**	**4.5**	**0**	**0**
NAGALAND													
Dimapur	18	2	11.1	1	5.6	0	0	10	55.6	1	5.6	4	22.2
Kohima	3	1	33.3	0	0	0	0	1	33.3	1	33.3	0	0
Mokokchung	1	0	0	0	0	0	0	1	100	0	0	0	0
Mon	2	1	50	0	0	0	0	1	50	0	0	0	0
Phek	1	0	0	0	0	0	0	0	0	0	0	1	100
Wokha	2	1	50	0	0	0	0	0	0	0	0	1	50
Total	**27**	**5**	**18.5**	**1**	**3.7**	**0**	**0**	**13**	**48.1**	**2**	**7.4**	**6**	**22.3**
TRIPURA													
Dhalai	2	0	0	0	0	0	0	2	100	0	0	0	0
North Tripura	10	1	10	0	0	0	0	9	90	0	0	0	0
South Tripura	15	2	13.3	0	0	0	0	11	73.3	2	13.3	0	0
West Tripura	23	2	8.7	0	0	0	0	17	73.9	4	17.4	0	0
Total	**50**	**5**	**10**	**0**	**0**	**0**	**0**	**39**	**78**	**6**	**12**	**0**	**0**
Grand Total	**382**	**141**	**36.9**	**8**	**2.1**	**2**	**0.5**	**207**	**54.2**	**17**	**4.5**	**7**	**1.8**

ANNEXURE- XVI

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION (JANUARY 2016 AND JANUARY 2015)

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>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
Papumpare	8	2	25	0	0	0	0	6	75	0	0	0	0
Tirap	3	0	0	0	0	0	0	3	100	0	0	0	0
Total	**21**	**8**	**38**	**0**	**0**	**0**	**0**	**13**	**62**	**0**	**0**	**0**	**0**
ASSAM													
Baksha	1	0	0	0	0	0	0	1	100	0	0	0	0
Barpeta	7	2	28.6	0	0	0	0	4	57.1	1	14.3	0	0
Bongaigaon	11	1	9.1	1	9.1	0	0	8	72.7	1	9.1	0	0
Cachar	13	9	69.2	0	0	0	0	4	30.8	0	0	0	0
Darrang	18	6	33.3	1	5.6	0	0	9	50	1	5.6	1	5.6
Dhemaji	12	2	16.7	0	0	0	0	10	83.3	0	0	0	0
Dhubri	13	7	53.8	2	15.4	0	0	4	30.8	0	0	0	0
Dibrugarh	12	0	0	0	0	0	0	12	100	0	0	0	0
Goalpara	18	14	77.8	0	0	0	0	4	22.2	0	0	0	0
Golaghat	7	0	0	1	14.3	0	0	6	85.7	0	0	0	0
Hailakandi	5	3	60	0	0	0	0	2	40	0	0	0	0
Jorhat	14	0	0	0	0	0	0	10	71.4	4	28.6	0	0
Kamrup	16	7	43.8	0	0	0	0	9	56.3	0	0	0	0
Kamrup Metro	9	5	55.6	0	0	0	0	4	44.4	0	0	0	0
Karbi Anglong	24	9	37.5	2	8.3	2	8.3	9	37.5	1	4.2	1	4.2
Karimganj	8	4	50	0	0	0	0	4	50	0	0	0	0
Lakhimpur	17	5	29.4	0	0	0	0	12	70.6	0	0	0	0
Morigaon	15	3	20	1	6.7	0	0	10	66.7	1	6.7	0	0

State / District	Number of Stations Analyzed	Fall						Rise					
		0-2 m	%	2-4 m	%	>4 m	%	0-2 m	%	2-4 m	%	>4 m	%
Nagaon	29	15	51.7	3	10.3	1	3.4	7	24.1	2	6.9	1	3.4
Nalbari	2	1	50	0	0	0	0	0	0	1	50	0	0
Sibsagar	7	1	14.3	0	0	1	14.3	3	42.9	2	28.6	0	0
Sonitpur	22	3	13.6	0	0	0	0	19	86.4	0	0	0	0
Tinsukia	13	3	23.1	0	0	0	0	10	76.9	0	0	0	0
Total	**293**	**100**	**34**	**11**	**3.8**	**4**	**1.4**	**161**	**55**	**14**	**4.8**	**3**	**1**
MEGHALAYA													
East Garo Hills	11	7	63.6	0	0	0	0	4	36.4	0	0	0	0
East Khasi Hills	7	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Jaintia hills	2	0	0	0	0	0	0	2	100	0	0	0	0
Ri-Bhoi	2	1	50	0	0	0	0	1	50	0	0	0	0
West Garo Hills	7	4	57.1	0	0	0	0	3	42.9	0	0	0	0
West Khasi Hills	1	1	100	0	0	0	0	0	0	0	0	0	0
Total	**30**	**18**	**60**	**0**	**0**	**0**	**0**	**12**	**40**	**0**	**0**	**0**	**0**
NAGALAND													
Dimapur	20	5	25	2	10	1	5	8	40	2	10	2	10
Kohima	3	0	0	0	0	0	0	2	66.7	1	33.3	0	0
Mokokchung	1	0	0	0	0	0	0	1	100	0	0	0	0
Mon	1	1	100	0	0	0	0	0	0	0	0	0	0
Phek	1	0	0	0	0	0	0	1	100	0	0	0	0
Tuensang	1	0	0	0	0	0	0	1	100	0	0	0	0
Wokha	3	1	33.3	0	0	0	0	1	33.3	0	0	1	33.3
Total	**30**	**7**	**23.4**	**2**	**6.6**	**1**	**3.4**	**14**	**46.6**	**3**	**10**	**3**	**10**
TRIPURA													
Dhalai	2	1	50	0	0	0	0	1	50	0	0	0	0
North Tripura	13	8	61.5	0	0	0	0	5	38.5	0	0	0	0
South Tripura	16	8	50	0	0	0	0	8	50	0	0	0	0
West Tripura	20	4	20	0	0	0	0	14	70	0	0	2	10
Total	**51**	**21**	**41.2**	**0**	**0**	**0**	**0**	**28**	**54.9**	**0**	**0**	**2**	**3.9**
Grand Total	**425**	**154**	**36.2**	**13**	**3.1**	**5**	**1.2**	**228**	**53.6**	**17**	**4**	**8**	**1.9**

ANNEXURE- XVII

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION

10 years Mean (August 2005- August 2014) – August – 2015

State / District	Number of Stations Analysed	Range in m				Rise						Fall					
		Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ARUNACHAL PRADESH																	
Changlang	4	0.61	1.59			4	100	0	0	0	0	0	0	0	0	0	0
Lohit	1	0.43	0.43			1	100	0	0	0	0	0	0	0	0	0	0
Papumpare	1	0.25	0.25			1	100	0	0	0	0	0	0	0	0	0	0
Tirap	3	1.41	1.75			3	100	0	0	0	0	0	0	0	0	0	0
Total	**9**					**9**	**100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ASSAM																	
Barpeta	1	0.14	0.14			1	100	0	0	0	0	0	0	0	0	0	0
Bongaigaon	9	0.07	1.6	0.05	0.49	6	66.7	0	0	0	0	3	33.3	0	0	0	0
Cachar	10	0.03	0.33	0.01	1.81	3	30	0	0	0	0	7	70	0	0	0	0
Darrang	15	0.07	1.81	0.02	0.24	12	80	0	0	0	0	3	20	0	0	0	0
Dhemaji	7	0	0.61	0.49	0.49	6	85.7	0	0	0	0	1	14.3	0	0	0	0
Dhubri	7	0.15	0.8	0.45	0.59	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Dibrugarh	8	0.13	1.01			8	100	0	0	0	0	0	0	0	0	0	0
Goalpara	11	0.01	0.31	0	0.86	3	27.3	0	0	0	0	8	72.7	0	0	0	0
Golaghat	3	0.76	1.9	0.35	0.35	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Hailakandi	1	1	1			1	100	0	0	0	0	0	0	0	0	0	0
Jorhat	4	0.15	1.13			4	100	0	0	0	0	0	0	0	0	0	0
Kamrup	8	0.54	1.52	0.16	0.83	4	50	0	0	0	0	4	50	0	0	0	0
Kamrup Metro	4	0.51	0.67	0.06	0.53	2	50	0	0	0	0	2	50	0	0	0	0
Karbi Anglong	15	0.59	4.29	0.06	2.35	6	40	3	20	1	6.7	4	26.7	1	6.7	0	0
Karimganj	5	0.49	3.99	0.02	0.02	3	60	1	20	0	0	1	20	0	0	0	0
Lakhimpur	11	0.02	0.37	0.04	0.41	5	45.5	0	0	0	0	6	54.5	0	0	0	0
Morigaon	4	0.29	0.66			4	100	0	0	0	0	0	0	0	0	0	0
Nagaon	17	0.11	2.62	0.05	2.44	7	41.2	2	11.8	0	0	7	41.2	1	5.9	0	0

State / District	Number of Stations Analysed	Range in m				Rise						Fall					
		Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Nalbari	2	0.15	0.46			2	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	7	0.09	1.25	0.12	1.1	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Sonitpur	13	0.2	1.71	0.02	0.02	11	84.6	0	0	0	0	2	15.4	0	0	0	0
Tinsukia	13	0.04	1.15	0.07	0.37	10	76.9	0	0	0	0	3	23.1	0	0	0	0
Total	**175**					**110**	**62.9**	**6**	**3.4**	**1**	**0.6**	**56**	**32**	**2**	**1.1**	**0**	**0**
MEGHALAYA																	
East Garo Hills	9	0.18	0.44	0.16	0.86	4	44.4	0	0	0	0	5	55.6	0	0	0	0
East Khasi Hills	2	0.19	0.19	0.84	0.84	1	50	0	0	0	0	1	50	0	0	0	0
Jaintia hills	1			0.46	0.46	0	0	0	0	0	0	1	100	0	0	0	0
Ri-Bhoi	1	0.92	0.92			1	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	5	0.27	0.31	0.03	0.42	3	60	0	0	0	0	2	40	0	0	0	0
West Khasi Hills	1	0.09	0.09			1	100	0	0	0	0	0	0	0	0	0	0
Total	**19**					**10**	**52.6**	**0**	**0**	**0**	**0**	**9**	**47.4**	**0**	**0**	**0**	**0**
NAGALAND																	
Dimapur	1	0.36	0.36			1	100	0	0	0	0	0	0	0	0	0	0
Total	**1**					**1**	**100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TRIPURA																	
Dhalai	2			0	0.32	0	0	0	0	0	0	2	100	0	0	0	0
North Tripura	6	0.04	0.48	0.02	0.33	3	50	0	0	0	0	3	50	0	0	0	0
South Tripura	5	0.34	1.25			5	100	0	0	0	0	0	0	0	0	0	0
West Tripura	18	0.13	2.96	0.16	2.57	10	55.6	2	11.1	0	0	5	27.8	1	5.6	0	0
Total	**31**					**18**	**58**	**2**	**6.5**	**0**	**0**	**10**	**32.3**	**1**	**3.2**	**0**	**0**
Grand Total	**235**					**148**	**63**	**8**	**3.4**	**1**	**0.4**	**75**	**31.9**	**3**	**1.3**	**0**	**0**

ANNEXURE- XVIII

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION

10 years Mean (November 2005- November 2014) – November – 2015

State / District	Number of Stations Analysed	Range in m				Rise						Fall					
		Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ARUNACHAL PRADESH																	
Changlang	4	0.02	0.75	0.07	0.07	3	75	0	0	0	0	1	25	0	0	0	0
Lohit	1	0.31	0.31			1	100	0	0	0	0	0	0	0	0	0	0
Papumpare	2	0.34	0.36			2	100	0	0	0	0	0	0	0	0	0	0
Tirap	3	0.01	0.85			3	100	0	0	0	0	0	0	0	0	0	0
Total	**10**					**9**	**90**	**0**	**0**	**0**	**0**	**1**	**10**	**0**	**0**	**0**	**0**
ASSAM																	
Barpeta	2	0.03	0.17			2	100	0	0	0	0	0	0	0	0	0	0
Bongaigaon	6	0.54	1.02	0.17	0.86	2	33.3	0	0	0	0	4	66.7	0	0	0	0
Cachar	11	0.15	1.45			11	100	0	0	0	0	0	0	0	0	0	0
Darrang	11	0.04	4.09	0.03	0.59	8	72.7	0	0	1	9.1	2	18.2	0	0	0	0
Dhemaji	7	0.04	0.71			7	100	0	0	0	0	0	0	0	0	0	0
Dhubri	6	0.06	0.06	0.13	1.03	1	16.7	0	0	0	0	5	83.3	0	0	0	0
Dibrugarh	7	0.03	0.55	0.23	0.51	4	57.1	0	0	0	0	3	42.9	0	0	0	0
Goalpara	11	0.2	0.7	0.16	1.37	5	45.5	0	0	0	0	6	54.5	0	0	0	0
Golaghat	1	0.03	0.03			1	100	0	0	0	0	0	0	0	0	0	0
Hailakandi	1	1.25	1.25			1	100	0	0	0	0	0	0	0	0	0	0
Jorhat	3	0.56	1.86			3	100	0	0	0	0	0	0	0	0	0	0
Kamrup	7	0.45	1.87	0.13	1.24	3	42.9	0	0	0	0	4	57.1	0	0	0	0
Kamrup Metro	11	0.02	1.53	0.22	4.57	4	36.4	0	0	0	0	6	54.5	0	0	1	9.1
Karbi Anglong	15	0.26	4.07	0.28	6.29	4	26.7	2	13.3	1	6.7	6	40	1	6.7	1	6.7
Karimganj	4	0.22	3.86			3	75	1	25	0	0	0	0	0	0	0	0
Kokrajhar	1			0.37	0.37	0	0	0	0	0	0	1	100	0	0	0	0
Lakhimpur	12	0.01	0.63	0.01	0.28	6	50	0	0	0	0	6	50	0	0	0	0
Morigaon	5			0.24	2.4	0	0	0	0	0	0	4	80	1	20	0	0
Nagaon	18	0.11	1.31	0.05	6.25	4	22.2	0	0	0	0	11	61.1	2	11.1	1	5.6

State / District	Number of Stations Analysed	Range in m				Rise						Fall					
		Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Nalbari	1	0.89	0.89			1	100	0	0	0	0	0	0	0	0	0	0
Sibsagar	6	1.19	2.33	0.24	0.4	1	16.7	2	33.3	0	0	3	50	0	0	0	0
Sonitpur	13	0.05	0.82	0.16	0.54	8	61.5	0	0	0	0	5	38.5	0	0	0	0
Tinsukia	13	0.12	2.64	0.1	0.68	9	69.2	2	15.4	0	0	2	15.4	0	0	0	0
Total	**172**					**88**	**51.1**	**7**	**4**	**2**	**1.2**	**68**	**39.6**	**4**	**2.3**	**3**	**1.8**
MEGHALAYA																	
East Garo Hills	5	0.12	0.42	0.76	1.17	3	60	0	0	0	0	2	40	0	0	0	0
East Khasi Hills	2	0.21	0.21	1.47	1.47	1	50	0	0	0	0	1	50	0	0	0	0
Jaintia hills	2	0.4	1.18			2	100	0	0	0	0	0	0	0	0	0	0
Ri-Bhoi	1	0.53	0.53			1	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	2			0.26	0.33	0	0	0	0	0	0	2	100	0	0	0	0
West Khasi Hills	1	0.11	0.11			1	100	0	0	0	0	0	0	0	0	0	0
Total	**13**					**8**	**61.6**	**0**	**0**	**0**	**0**	**5**	**38.4**	**0**	**0**	**0**	**0**
NAGALAND																	
Dimapur	6	0.04	1.32	0.1	2.97	2	33.3	0	0	0	0	3	50	1	16.7	0	0
Kohima	3	0.07	1.64	0.44	0.44	2	66.7	0	0	0	0	1	33.3	0	0	0	0
Mon	1			0.07	0.07	0	0	0	0	0	0	1	100	0	0	0	0
Total	**10**					**4**	**40**	**0**	**0**	**0**	**0**	**5**	**50**	**1**	**10**	**0**	**0**
TRIPURA																	
Dhalai	1	0.46	0.46			1	100	0	0	0	0	0	0	0	0	0	0
North Tripura	6	0.41	1.41			6	100	0	0	0	0	0	0	0	0	0	0
South Tripura	4	0.98	2.14			3	75	1	25	0	0	0	0	0	0	0	0
West Tripura	13	0.05	2.33	0.09	0.57	10	76.9	1	7.7	0	0	2	15.4	0	0	0	0
Total	**24**					**20**	**83.4**	**2**	**8.3**	**0**	**0**	**2**	**8.3**	**0**	**0**	**0**	**0**
Grand Total	**229**					**129**	**56.3**	**9**	**3.9**	**2**	**0.9**	**81**	**35.4**	**5**	**2.2**	**3**	**1.3**

ANNEXURE- XIX

DISTRICT WISE CATEGORIZATION OF WATER LEVEL FLUCTUATION

10 years Mean (January 2006- January 2015) – January – 2016

State / District	Number of Stations Analysed	Range in m				Rise						Fall					
		Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ARUNACHAL PRADESH																	
Changlang	4	0.28	0.77	0.45	0.82	2	50	0	0	0	0	2	50	0	0	0	0
East Siang	1	0.31	0.31			1	100	0	0	0	0	0	0	0	0	0	0
Lohit	1	0.38	0.38			1	100	0	0	0	0	0	0	0	0	0	0
Papumpare	2	0.74	0.74	0.35	0.35	1	50	0	0	0	0	1	50	0	0	0	0
Tirap	3	0.45	1.67			3	100	0	0	0	0	0	0	0	0	0	0
Total	**11**					**8**	**72.8**	**0**	**0**	**0**	**0**	**3**	**27.2**	**0**	**0**	**0**	**0**
ASSAM																	
Barpeta	3	0.25	0.25	0.02	0.45	1	33.3	0	0	0	0	2	66.7	0	0	0	0
Bongaigaon	9	0.12	3.93	0.14	1.37	3	33.3	1	11.1	0	0	5	55.6	0	0	0	0
Cachar	9	0.21	1.53	0	1.06	5	55.6	0	0	0	0	4	44.4	0	0	0	0
Darrang	16	0.18	4.58	0.04	0.62	7	43.8	0	0	1	6.3	8	50	0	0	0	0
Dhemaji	6	0.12	0.5			6	100	0	0	0	0	0	0	0	0	0	0
Dhubri	7	0.09	0.24	0.39	1.66	3	42.9	0	0	0	0	4	57.1	0	0	0	0
Dibrugarh	7	0.15	0.75	0.14	0.24	5	71.4	0	0	0	0	2	28.6	0	0	0	0
Goalpara	10	0.13	0.43	0.16	1.42	4	40	0	0	0	0	6	60	0	0	0	0
Golaghat	2	0.98	0.98	0.38	0.38	1	50	0	0	0	0	1	50	0	0	0	0
Hailakandi	1	0.98	0.98			1	100	0	0	0	0	0	0	0	0	0	0
Jorhat	4	0.33	2			4	100	0	0	0	0	0	0	0	0	0	0
Kamrup	8	0.4	2.25	0.47	0.68	4	50	1	12.5	0	0	3	37.5	0	0	0	0
Kamrup Metro	4	0.26	0.85	1.06	1.06	3	75	0	0	0	0	1	25	0	0	0	0
Karbi Anglong	16	0.18	3.83	0.08	8.39	9	56.3	1	6.3	0	0	5	31.3	0	0	1	6.3
Karimganj	5	0.44	3.31			4	80	1	20	0	0	0	0	0	0	0	0
Lakhimpur	12	0.14	2.01	0	0.47	4	33.3	1	8.3	0	0	7	58.3	0	0	0	0
Morigaon	4	0.33	0.9	0.41	1.21	2	50	0	0	0	0	2	50	0	0	0	0

State / District	Number of Stations Analysed	Range in m				Rise						Fall					
		Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
Nagaon	17	0.23	1.23	0.1	3.27	6	35.3	0	0	0	0	8	47.1	3	17.6	0	0
Nalbari	2	0.43	0.43	0.06	0.06	1	50	0	0	0	0	1	50	0	0	0	0
Sibsagar	6	1	1.94	0.41	0.41	5	83.3	0	0	0	0	1	16.7	0	0	0	0
Sonitpur	13	0.04	1.79	0.13	0.13	12	92.3	0	0	0	0	1	7.7	0	0	0	0
Tinsukia	13	0.02	1.65	0	0.23	11	84.6	0	0	0	0	2	15.4	0	0	0	0
Total	**174**					**101**	**58**	**5**	**2.9**	**1**	**0.6**	**63**	**36.2**	**3**	**1.7**	**1**	**0.6**
MEGHALAYA																	
East Garo Hills	8	0	0.29	0.13	2.13	2	25	0	0	0	0	5	62.5	1	12.5	0	0
East Khasi Hills	2	0.14	0.14	2.74	2.74	1	50	0	0	0	0	0	0	1	50	0	0
Jaintia hills	2	0.63	0.71			2	100	0	0	0	0	0	0	0	0	0	0
Ri-Bhoi	1	0.41	0.41			1	100	0	0	0	0	0	0	0	0	0	0
West Garo Hills	3			0.21	0.61	0	0	0	0	0	0	3	100	0	0	0	0
West Khasi Hills	1			0.24	0.24	0	0	0	0	0	0	1	100	0	0	0	0
Total	**17**					**6**	**35.3**	**0**	**0**	**0**	**0**	**9**	**53**	**2**	**11.7**	**0**	**0**
NAGALAND																	
Wokha	2	2.42	2.42	0.02	0.02	0	0	1	50	0	0	1	50	0	0	0	0
Total	**2**					**0**	**0**	**1**	**50**	**0**	**0**	**1**	**50**	**0**	**0**	**0**	**0**
TRIPURA																	
Dhalai	3	0.11	0.65	0.26	0.26	2	66.7	0	0	0	0	1	33.3	0	0	0	0
North Tripura	5	0.19	0.57	0.11	0.89	2	40	0	0	0	0	3	60	0	0	0	0
South Tripura	5	0.08	0.94	0.08	0.64	3	60	0	0	0	0	2	40	0	0	0	0
West Tripura	13	0.15	23.66	0	1.4	5	38.5	1	7.7	1	7.7	6	46.2	0	0	0	0
Total	**26**					**12**	**46.2**	**1**	**3.8**	**1**	**3.8**	**12**	**46.2**	**0**	**0**	**0**	**0**
Grand Total	**230**					**127**	**55.2**	**7**	**3**	**2**	**0.9**	**88**	**38.3**	**5**	**2.2**	**1**	**0.4**

ANNEXURE –XX

LONG TERM GROUND WATER LEVEL TREND –PRE MONSOON

Period: March 2008 - March 2015

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Arunachal Pradesh				
Changlang				
Jairampur	92A4A1	8		0.125
Namchik	92A3A1	7	0.044	
Namphai	92A3A2	8		0.287
Newlisan Kharsang	92A2A1	8	0.303	
East Siang				
Berung	83M1B4	6		0.137
Lohit				
Lathow	83M2D1	8		0.216
Papumpare				
Kimin	83E3D2	7	0.038	
Sonajuli	83E4C1	6	0.401	
Tirap				
Borduria	83M4B3	7	0.182	
Deomali	83M4C1	7		0.133
Hukanjuri	83M4B4	7	0.558	
ASSAM				
Barpeta				
Bhawanipur	78N3A1	7		0.039
Sarupeta	78N3A6	5		0.227
Sorbhog	78J3D4	6		0.083
Bongaigaon				
Abhayapuri	78J3C2	6		0.002
Baitamari	78J3C1	9	0.062	
Bijni	78J3C5	6		0.161
Bongaigaon New	78J3C9	5	0.016	
Chalantapara	78J3C4	8		0.006
Chaprakata	78J3C7	5		0.021
Manikpur	78J3D1	9	0.025	
Medhipara(Deo)	78J3C6	7		0.131
North salmara	78J3C8	5	0.042	
Cachar				
Badribasti	83D1D7	8		0.319
Badribasti OW	83D1D8	8		0.056
Borjalinga	83D2D1	9		0.007
Borkhola	83D1C8	7	0.038	
Digharkhal	83D1C3	6		0.173
Ghungoor TW	83D1D10	8		0.037
Kalain	83D1C14	8		0.577
Kalain PZ	83D1C13	8		0.041
Moinarbond	83D1D6	8		0.073

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Palanghat	83D2D10	6	0.027	
Poilapul	83H1A9	5		0.17
Razabazar	83H1A7	7		0.087
Shivtila	83H1A4	7		0.572
Darrang				
Baitamari (Beltala	83B2A8	5		0.04
Bengbari	78N2D10	8		0.003
Bhalukmari-I	83B2A7	8	0.192	
Dalgaon	83B2A2	8		0.075
Gelabil (Thelamara)	83B2B6	6		0.065
Kalaigaon	78N2D3	7		0.005
Kendurtal	78N2D11	8		0.001
Madhupur	83B2A6	8		0.063
Mangaldoi	83B3A1	8	0.007	
Mangaldoi II	83B3A3	6	0.13	
Orang	83B2B1	8		0.105
Paneri	78N2D9	7	0.127	
Paneri TG	78N2D1	5		0.743
Rowta chariali	83B2A3	8		0.022
Tangla	78N2D2	7		0.082
Thekerabari .1	83B2A1	8	0.097	
Udalguri	83B2A4	8		0.023
Dhemaji				
Akajan	83I2D1	8		0.012
Bhagaban charali	83I2D2	8	0.02	
Bijoypur	83M1A3	8	0.143	
Bordoloni	83I3B1	8		0.021
Dhakuakhana1	ASDM07	5		0.115
Dhemaji 1	83I3C1	5		0.023
Ghilamara	ASDM11	7	0.03	
Jonai murkongselek	83M1A1	8		0.055
Silapathar	83I2C1	7		0.136
Siripani	83I2C3	8		0.073
Sisibargaon	83I2C2	8		0.028
Telem	83M2A1	8	0.022	
Dhubri				
Bagaribari	78J4A4	9		0.072
Bahalpur	78J3B4	8		0.02
Bilasipara	78J4A1	10		0.023
Chapar	78J3B2	9	0.02	
Dhubri Town	78F4D4	10		0.288
Mancachar	78G2D3	5	0.008	
Panbari	78J4A2	7	0.157	
Rupshi	78F4D3	10		0.185
Dibrugarh				
Azarguri gaon	83I3D4	8		0.041

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Bamunbari	83I4D4	7	0.26	
Barbaruah	83I3D6	8	0.068	
Chabua	83M3A2	6		0.368
Dibrugarh	83I3D1	7		0.092
Dikom	83M3A1	8		0.008
Jaipur Naharani	83M3A4	6		0.052
Goalpara				
Agia1	78J4C3	8		0.038
Baida	78J4B3	7		0.487
Damra	78K1D8	8		0.365
Dhupdhara	78O1A2	8		0.332
Dudhnai	78K1D1	8	0.086	
Goalpara Town	78J4C4	7	0.149	
Khutabari	78N4A1	8		0.102
Krishnai	78J4C1	6	0.198	
Lakhipur	78J4B1	7		0.041
Matia	78J4D1	7	0.191	
Rongjuli	78K1D2	8	0.003	
Golaghat				
Golaghat	83F2D1	5		0.44
Kamargaon	83J2A4	5	0.017	
Oating	83J3A1	8		0.016
Hailakandi				
Panchgram New	ASHL05A	5	0.031	
Syedband Part II	ASHL01A	7	0.039	
Jorhat				
Dabarapara charali	83J2B3	8	0.075	
Kakojan1	83J1B1	5		0.198
Kokilamukh	83J1A3	5		0.291
Mariani	83J2B4	8	0.421	
Rajoi TG	83J2B5	5	0.192	
Saklatinga TGI	83J2A11	5	0.558	
Selenghat	83J2B2	6	0.403	
Tipamia	83J2A6	5	0.162	
Titabor	83J2A7	8	0.071	
Kamrup				
Agyathuri	78N4C2	8	0.705	
Alikash Adarsh	78N4C16	7		0.006
Bamunigaon1	78N4B3	7		0.198
Chandrapur	78N4D9	6		0.197
Darkuchi	78N2C4	7	0.069	
Hajo	78N4C5	9	0.417	
Kahara	78N3C2	7		0.02
Rajapara	78O1A3	7		0.233
Rangia	78N3C1	8	0.094	
Sualkuchi	78N4C11	8		0.037

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Kamrup Metro				
Amingaon(ii)	78N4C18	6	0.462	
Azara	78N4C1	7	0.014	
Boragaon	78N4C7	8		0.498
Kahilipara	78N4D7	7		0.466
Khanapara	78N4D3	7		0.136
Khetri	83B4A3	8	0.06	
Maligaon	78N4C6	7	0.857	
Rani1	78N4C9	7		0.099
Sonapur	83B4A2	9	0.042	
Topatoli	83B4A4	8		0.248
Zoo narangi rd	78N4D2	6		0.812
Karbi Anglong				
Balipathar	83F4D3	7	0.168	
Boithalangsu	83C1C2	7		0.219
Bokajan	83F4D2	5	0.449	
Bokulia	83G1C3	8	0.027	
Dengaon R5	83B4D7	8		0.137
Dentaghat	83F3A1	5	0.391	
Deopani	83F4D4	7		0.209
Dillai	83G1C4	10		0.028
Diphu	83G1B1	9	1.456	
Donkamokam	83C1C1	6	0.26	
Hapjan	83G1C1	5	0.949	
Hawaipur	83C1D5	6		0.247
Hidipi	83F4C1	6	0.043	
Kalonga	83C1D2	6		0.211
Khatkhati	83G1D3	8		0.009
Kheronighat	83C1D3	6	0.097	
Manikpur	83F4A6	5		0.099
Manja Forest	83G1B2	8	0.294	
Phuloni	83F4A2	8		0.199
Silanijan	83F3D1	9	0.11	
Siljuri	83F2B2	5		0.546
Karimganj				
Badarpur	83D1C1	7		0.53
Badarpur Pz	83D1C9	5	0.565	
Dhaulia	83D2B6	9		0.064
Hatikira	83D3B1	9	0.151	
Rk Nagar I	83D2B4	8		0.071
Sarkaribari	83D2B7	8		0.016
Shrigauri	83D1C5	5	0.069	
Lakhimpur				
Bhogpur charali	83E4D1	8		0.103
Bihpuria	83E4D4	8	0.068	
Boginadi(balijan)	83I3A1	6	0.086	

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Dholpur	83F1D1	7		0.043
Dolanghat chara	83I4A3	8	0.117	
Harmoti	83E4D6	8		0.046
Islampur	83E4D3	8		0.01
Kadam	83I3A3	8		0.012
Laluk	83E4D2	7		0.108
N.lakhipur(old)	83I4A1	8		0.064
Naoboisa	83I4A4	6	0.028	
Narayanpur	83F1D4	8	0.148	
Panigaon	83I4A2	8		0.007
Pathalipam	83I3B6	8		0.008
Morigaon				
Baghara	83B4B2	8		0.254
Garmari gaon	83B3A4	6		0.286
Jagiroad	83B4A1	8		0.12
Morigaon	83B3B10	6	0.027	
Nasatra	83B4A5	5		0.324
Nelle	83B4B4	7		0.44
Nagaon				
Amsoi	83B4B5	7		0.139
Bagori	83F2A4	5	0.178	
Beldonga mandir	83B4D8	8	0.399	
Bichamari	83B3B1	6	0.49	
Bordowa	83B3C2	8		0.03
Dhing	83B3B6	8	0.217	
Doboka	83B4D1	7		0.33
Haldiati sub bt	83B4D6	7		0.013
Jurapukhuri	83C1D7	8		0.126
Kathiatoli	83B4C4	9		0.093
Kondali	83B3D5	6		0.431
Lanka	83C1D1	7	0.417	
Nadeorigaon	83B4D2	7	0.067	
Phulaguri R6	83F2A5	5	1.111	
Samuguri	83B3D7	9	0.123	
Silghat	83B2D6	8	0.15	
Sulung p.o.	83B3D8	10	0.02	
Telia bebejia	83B3C7	6		0.03
Nalbari				
Tamulpur	78N2C1	7	0.029	
Tihu	78N3B3	6		0.083
Sibsagar				
Bandarmari	83I4C14	6	0.223	
Betbari alimore	83I4C8	7	0.097	
Demow Sukan	83I4C11	8	0.137	
Geleki	83J1C9	5	0.011	
Hanumanbagh	83J1C7	6	0.437	

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Moranhat	83I4D1	9		0.115
Rajabari TE	83I4C7	6	0.469	
Sapekhati	83M4A1	7	0.091	
Sibsagar	83J1C2	7	0.301	
Sonitpur				
Balipara	83B1D4	8		0.092
Bihupukhuri	83F2A7	8	0.182	
Biswanath	83F2A8	8		0.028
Biswanath chara	83F2A6	7	0.367	
Borgang	83F1B2	8	0	
Charduar	83B1D1	8		0.007
Dhalaibil	83B1D3	8	0.01	
Dhekiajuli	83B2B2	8		0.027
Garumari	83B1D2	8		0.038
Gohpur	83F1C2	7		0.017
Hawajan	83F1C4	8	0.027	
Jamuguri North	83B2D3	8	0.013	
Sootia	83F2A2	8	0.038	
Tezpur	83B2D2	8		0.005
Tinsukia				
Bordumsa	83M3D3	6	0.249	
Borgolai	83M3C2	8	0.124	
Bortorani	83M2B4	7	0.219	
Digboi	83M3C1	8		0.185
Jagun	83M3D4	8		0.123
Jaipur naharjan	83M4B5	7		0.311
Ledo forest off	83M3C3	7	0.61	
Lekhapani	83M3D1	8	0.178	
Panitola	83M3B4	8	0.083	
Rangagora guijn	83M2B3	7	0.036	
Tinsukia	83M3B2	8		0.115
Tirap gate	83M3D2	8	0.005	
MEGHALAYA				
East Garo Hills				
Bajengdoba	78K1C2	6		0.535
Darugiri	78K2D2	8		0.145
Depa sarangma	78K1D4	7	0.014	
Kharkutta	78K1D7	8	0.025	
Mendal	78K1B1	7		0.03
Mendipathar	78K1C1	7		0.161
Rongjeng	78K2D1	8		0.358
Rongmil	78K2D3	8		0.263
Williamnagar	78K2C2	8		0.056
East Khasi Hills				
Balat	78O4B1	6		0.336
Cherrapunji	78O3C1	5		0.03

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Shillong Polo	78O2D1	5		1.259
Jaintia hills				
Dauki	83C4A1	8		0.088
Jowai	83C3A1	5	0.18	
Ri-Bhoi				
Nongpoh	78O1D1	10		0.013
West Garo Hills				
Ampati	78G3D1	7		0.063
Asanang	78K2B1	8		0.086
Barengapara	78K4A1	8		0.1
Borkona	78G2D4	6		0.22
Garobandha	78K2A1	6	0.422	
Kherapara	78K3A2	7		0.176
Mahendraganj	78G3D2	5		0.106
Nidanpur	78K1A3	6		0.301
Phulbari	78K1A1	8		0.428
Purkhasia	78K3A1	8		0.203
Tikrikilla	78K1A2	7		0.031
Zikzak PZ	78G3D5	6		0.355
West Khasi Hills				
Mairang	78O2C1	9	0.014	
NAGALAND				
Dimapur				
Chumkidima	83G1D1	6	0.498	
Dgm Colony	83G1C8	5		0.873
Dhansiripar	83G1C5	6		0.467
Dimapur	83G1C2	6		1.262
Industrial Estate	83G1C7	5		0.118
Jalukie	83G2C1	6		0.378
Purana Bazar	83G1C10	5		0.905
Singrijan	83G1C6	6	0.108	
Kohima				
Cathedral Complex	83K2A1	5	0.06	
NLSA Complex	83K2A2	5	0.019	
Sepfuzou Colony	83K2A3	5	0.072	
Mokokchung				
Lampi	83J3B1	6		0.12
Mon				
Namsa	83J1D1	5		0.332
Wokha				
New Market	83J4B2	5		1.81
Tourist Lodge	83J4B1	5		0.255
TRIPURA				
Dhalai				
Abhanga N	TRDL04	6	0.281	
Kamalpur	78P4D1	8	0.012	

DISTRICT/ STATION	WELL NO	No of Data	RISE	FALL
Manu N	TRDL05	5		0.013
North Tripura				
Bagbasa N	TRNT10	6	0.241	
Dharmanagar	83D3B2	8	0.034	
Gauranagar N	TRNT11	7	0.311	
Kumarghat	83D4A6	8	0.151	
Panisagar	83D4A1	8	0.14	
Pecharthal	83D4A7	8	0.216	
South Tripura				
Dhawajnagar Udaipur	79M2B8	8		0.03
Garjee Bazar	79M3B4	8		0.162
Hrishyamukh	79M4C4	8	0.134	
Manurmukh	TRST03A	7	0.026	
Sabroom	79M4C1	8		0.049
Santirbazar	79M3C1	6		0.001
West Tripura				
Badharghat DTW	TRWT25	8		0.166
Bishalgarh	79M2B1	8		0.273
Bodhjanagar Dtw	TRWT19	8		0.192
Bodhjanagar Stw	TRWT20	7		0.222
Champaknagar	79M1B6	6	0.14	
Dakshin Kalamcherra	TRWT04A	8	0.096	
Kalyanpur	79M1C2	8	0.007	
Kathalia bazar	79M3B5	8	0.008	
Kenania	79M2A2	8		0.011
Khowai	78P4C5	8	0.012	
Lichubagan DTW	TRWT21	5		0.233
Lichubagan STW	TRWT22	7		0.158
Mohanpur	79M1B5	6	0.103	
Nagicherra1	TRWT29	8		0.407
Nagicherra2	TRWT30	8		0.085
Narsinghgarh DTW	TRWT28	8	0.068	
Simna	78P4B1	8		0.12
Sipoyjala	79M2B7	7		0.011
Sonamura1	79M3B6	7		0.092
Suryamaninagar DTW	TRWT23	8		0.059
Suryamaninagar STW	TRWT24	8		0.056
Teliamura	79M1C1	5	0.104	

ANNEXURE –XXI

LONG TERM GROUND WATER LEVEL TREND –POST MONSOON
Period: November 2006 - November 2015

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
ARUNACHAL PRADESH				
Changlang				
Jairampur	92A4A1	10		0.149
Namchik	92A3A1	10	0.141	
Namphai	92A3A2	10		0.031
Newlisan Kharsang	92A2A1	10	0.097	
East Siang				
Berung	83M1B4	5	0.008	
Lohit				
Lathow	83M2D1	9	0.08	
Papumpare				
Kimin	83E3D2	10	0.105	
Sonajuli	83E4C1	7	0.052	
Tirap				
Borduria	83M4B3	10	0.108	
Deomali	83M4C1	10	0.068	
Hukanjuri	83M4B4	10	0.204	
ASSAM				
Barpeta				
Bhawanipur	78N3A1	10		0.055
Sarupeta	78N3A6	9		0.005
Sorbhog	78J3D4	7		0.012
Ujanborbori	78N2A2	6	0.106	
Bongaigaon				
Abhayapuri	78J3C2	10	0.001	
Baitamari	78J3C1	10	0.24	
Bijni	78J3C5	10		0.06
Bongaigaon New	78J3C9	6		0.025
Chalantapara	78J3C4	9		0.264
Chaprakata	78J3C7	8		0.053
Manikpur	78J3D1	10		0.02
Medhipara(Deo)	78J3C6	9	0.158	
North salmara	78J3C8	10		0.094
Cachar				
Badribasti	83D1D7	10	0.048	
Badribasti OW	83D1D8	8	0.004	
Borjalinga	83D2D1	10	0.022	
Borkhola	83D1C8	10	0.069	
Digharkhal	83D1C3	8	0.204	
Ghungoor TW	83D1D10	8	0.112	
Kalain	83D1C14	9		0.021

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Kalain PZ	83D1C13	10	0.073	
Moinarbond	83D1D6	8		0.119
Palanghat	83D2D10	8	0.02	
Poilapul	83H1A9	7	0.101	
Razabazar	83H1A7	10	0.402	
Shivtila	83H1A4	9	0.001	
Silchar	83D1D1	7	0.024	
Darrang				
Baitamari (Beltala	83B2A8	5	0.026	
Bengbari	78N2D10	8	0.212	
Bhalukmari-I	83B2A7	9		0.069
Chamuapara	83B3A2	8		0.071
Dalgaon	83B2A2	10	0.035	
Gelabil (Thelamara)	83B2B6	6		0.069
Kalaigaon	78N2D3	9	0.136	
Kendurtal	78N2D11	8	0.029	
Madhupur	83B2A6	9		0.165
Mangaldoi	83B3A1	10	0.032	
Mangaldoi II	83B3A3	9	0.037	
Orang	83B2B1	10	0.124	
Paneri	78N2D9	9	0.121	
Paneri TG	78N2D1	7	0.545	
Rowta chariali	83B2A3	10		0.08
Tangla	78N2D2	8	0.072	
Thekerabari .1	83B2A1	10	0.091	
Udalguri	83B2A4	9	0.021	
Dhemaji				
Akajan	83I2D1	10	0.039	
Bhagaban charali	83I2D2	7		0.069
Bijoypur	83M1A3	9	0.091	
Bordoloni	83I3B1	10	0.05	
Dhakuakhana1	ASDM07	7		0.055
Dhemaji 1	83I3C1	7	0.085	
Ghilamara	ASDM11	7		0.019
Jonai murkongselek	83M1A1	9	0.043	
Silapathar	83I2C1	9	0.018	
Siripani	83I2C3	8	0.033	
Sisibargaon	83I2C2	10	0.066	
Telem	83M2A1	9	0.053	
Dhubri				
Bagaribari	78J4A4	10	0.006	
Bahalpur	78J3B4	9	0.052	
Bilasipara	78J4A1	9	0.019	
Chapar	78J3B2	10		0.002
Dhubri Town	78F4D4	10		0.16

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Mancachar	78G2D3	7		0.079
Manipur Basti	78J4A5	5	0.312	
Panbari	78J4A2	10		0.073
Rupshi	78F4D3	10	0.113	
Dibrugarh				
Azarguri gaon	83I3D4	10	0.031	
Bamunbari	83I4D4	10	0.108	
Barbaruah	83I3D6	10	0.037	
Chabua	83M3A2	10		0.105
Dibrugarh	83I3D1	10		0.013
Dikom	83M3A1	10		0.033
Jaipur Naharani	83M3A4	10		0.036
Goalpara				
Agia1	78J4C3	9		0.008
Baida	78J4B3	9	0.009	
Damra	78K1D8	9	0.05	
Dhupdhara	78O1A2	7		0.173
Dudhnai	78K1D1	9		0.088
Goalpara Town	78J4C4	9	0.119	
Khutabari	78N4A1	8		0.108
Krishnai	78J4C1	6		0.012
Lakhipur	78J4B1	8		0.083
Matia	78J4D1	9		0.206
Rongjuli	78K1D2	9		0.015
Golaghat				
Kamargaon	83J2A4	5		0.286
Kohra kaziranga	83F2B1	6		0.217
Oating	83J3A1	10		0.113
Hailakandi				
Panchgram New	ASHL05A	6		0.001
Syedband Part II	ASHL01A	7	0.019	
Jorhat				
Baghmaria	83J2A10	5		0.189
Dabarapara charali	83J2B3	8	0.038	
Kakojan1	83J1B1	7		0.187
Mariani	83J2B4	9	0.158	
Rajoi TG	83J2B5	6	0.055	
Saklatinga TGI	83J2A11	6		0.068
Selenghat	83J2B2	6	0.013	
Tipamia	83J2A6	7		0.036
Titabor	83J2A7	9		0.069
Kamrup				
Agyathuri	78N4C2	10	0.028	
Alikash Adarsh	78N4C16	8		0.023
Bamunigaon1	78N4B3	10		0.175

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Chandrapur	78N4D9	5	0.084	
Darkuchi	78N2C4	8	0.061	
Goreswar	78N2C2	6	0.067	
Hajo	78N4C5	10	0.408	
Kahara	78N3C2	10	0.184	
Rajapara	78O1A3	10		0.078
Rangia	78N3C1	8	0.43	
Sualkuchi	78N4C11	10	0.015	
Kamrup Metro				
Amingaon(ii)	78N4C18	7	0.041	
Azara	78N4C1	9		0.08
Boragaon	78N4C7	10		0.001
Dirgheswari	78N4C12	8	0.124	
Kahilipara	78N4D7	9	0.057	
Khanapara	78N4D3	9		0.091
Khetri	83B4A3	10		0.063
Maligaon	78N4C6	9	0.293	
Paltan bazar	78N4C14	8	0.163	
Panikhaiti	78N4D4	6		0.252
Rani1	78N4C9	9		0.124
Sonapur	83B4A2	10	0.143	
Topatoli	83B4A4	10		0.087
Zoo narangi rd	78N4D2	9		0.141
Karbi Anglong				
Balipathar	83F4D3	8	0.113	
Boithalangsu	83C1C2	6		0.139
Bokulia	83G1C3	9		0.136
Borjan	83F4B1	5		0.001
Dengaon R5	83B4D7	10	0.187	
Dentaghat	83F3A1	8	0.327	
Deopani	83F4D4	6		0.863
Dillai	83G1C4	9		0.099
Diphu	83G1B1	7		0.26
Donkamokam	83C1C1	7		0.213
Habranrangapar	83F4A7	6	0.799	
Hapjan	83G1C1	7		0.022
Hawaipur	83C1D5	8	0.654	
Hidipi	83F4C1	7	0.149	
Kalonga	83C1D2	6	0.545	
Khatkhati	83G1D3	9		0.157
Kheronighat	83C1D3	8	0.183	
Manikpur	83F4A6	8		0.273
Manja Forest	83G1B2	8	0.038	
Phuloni	83F4A2	9	0.044	
Silanijan	83F3D1	9	0.078	

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Siljuri	83F2B2	6	0.092	
Karimganj				
Badarpur	83D1C1	10	0.221	
Badarpur Pz	83D1C9	6	0.017	
Dhaulia	83D2B6	9	0.051	
Hatikira	83D3B1	9	0.099	
Rk Nagar I	83D2B4	10	0.198	
Sarkaribari	83D2B7	10	0.073	
Shrigauri	83D1C5	7	0.183	
Kokrajhar				
Kokrajhar	78J3B1	6		0.071
Lakhimpur				
Amsoi	ASLK01	5		0.168
Basudeothan	83I3B8	5		0.025
Bhogpur charali	83E4D1	10		0.001
Bihpuria	83E4D4	9	0.105	
Boginadi(balijan)	83I3A1	9	0.058	
Dholpur	83F1D1	7	0.237	
Dolanghat chara	83I4A3	9	0.007	
Harmoti	83E4D6	10		0.022
Islampur	83E4D3	8		0.016
Kadam	83I3A3	10	0.094	
Laluk	83E4D2	10	0.052	
N.lakhipur(old)	83I4A1	7		0.003
Naoboisa	83I4A4	8		0.035
Narayanpur	83F1D4	9	0.081	
Panigaon	83I4A2	8	0.106	
Pathalipam	83I3B6	9		0.055
Morigaon				
Baghara	83B4B2	10		0.102
Garmari gaon	83B3A4	7		0.255
Jagiroad	83B4A1	9		0.071
Morigaon	83B3B10	10		0.058
Nasatra	83B4A5	8		0.282
Nelle	83B4B4	8	0.035	
Nagaon				
Amsoi	83B4B5	10		0.257
Bagori	83F2A4	5	0.139	
Bamuni tinali	83B3D9	8		0.112
Beldonga mandir	83B4D8	10		0.151
Bichamari	83B3B1	8		0.158
Bordowa	83B3C2	9		0.211
Dhing	83B3B6	10	0.075	
Doboka	83B4D1	10		0.029
Haldiati sub bt	83B4D6	10	0.045	

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Jurapukhuri	83C1D7	9		0.237
Kathiatoli	83B4C4	10		0.022
Kondali	83B3D5	8		0.055
Langteng TE	83F3A2	7	0.075	
Lanka	83C1D1	9	0.328	
Lumding	83G1A1	6		0.196
Nadeorigaon	83B4D2	7	0.295	
Phulaguri R6	83F2A5	5	0.513	
Samuguri	83B3D7	10	0.172	
Silghat	83B2D6	10	0.357	
Sulung p.o.	83B3D8	10	0.083	
Telia bebejia	83B3C7	8		0.258
Nalbari				
Arikuchi	78N3B4	6	0.197	
Tamulpur	78N2C1	9		0.171
Tihu	78N3B3	10	0.016	
Sibsagar				
Bandarmari	83I4C14	9	0.216	
Betbari alimore	83I4C8	9	0.115	
Demow Sukan	83I4C11	9	0.001	
Hanumanbagh	83J1C7	5	0.148	
Moranhat	83I4D1	9		0.059
Rajabari TE	83I4C7	7	0.063	
Sapekhati	83M4A1	9		0.048
Sibsagar	83J1C2	7	0.053	
Sonitpur				
Balipara	83B1D4	9		0.062
Barchola	83B2B5	5		0.042
Bihupukhuri	83F2A7	9	0.023	
Biswanath	83F2A8	9	0.206	
Biswanath chara	83F2A6	7		0.671
Borgang	83F1B2	10	0.036	
Charduar	83B1D1	10	0.004	
Dhalaibil	83B1D3	10	0.101	
Dhekiajuli	83B2B2	9		0.099
Garumari	83B1D2	9	0.164	
Gohpur	83F1C2	8		0.103
Hawajan	83F1C4	10	0.093	
Jamuguri North	83B2D3	9	0.01	
Rangapara	83B2C1	5	0.146	
Sootia	83F2A2	10	0.14	
Tezpur	83B2D2	10	0.093	
Tinsukia				
Bordumsa	83M3D3	10	0.017	
Borgolai	83M3C2	10	0.194	

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Bortorani	83M2B4	8	0.122	
Digboi	83M3C1	10	0.041	
Jagun	83M3D4	10		0.012
Jaipur naharjan	83M4B5	10	0.136	
Ledo forest off	83M3C3	10	0.178	
Lekhapani	83M3D1	10	0.294	
Panitola	83M3B4	10	0.214	
Philobari	83M2C7	8	0.086	
Rangagora guijn	83M2B3	9		0.009
Tinsukia	83M3B2	10	0.043	
Tirap gate	83M3D2	10		0.013
MANIPUR				
Imphal East				
Jiribam	83H1A2	5	0.124	
MEGHALAYA				
East Garo Hills				
Darugiri	78K2D2	9		0.016
Depa sarangma	78K1D4	9	0.035	
Kharkutta	78K1D7	9		0.044
Mendal	78K1B1	8	0.055	
Mendipathar	78K1C1	8		0.034
Rongjeng	78K2D1	9		0.031
Rongmil	78K2D3	9		0.135
Williamnagar	78K2C2	7	0.004	
East Khasi Hills				
Balat	78O4B1	9		0.236
Cherrapunji	78O3C1	8	0.003	
Mawngap	78O3D1	6	0.016	
Shillong Polo	78O2D1	7		0.071
Jaintia hills				
Dauki	83C4A1	9	0.108	
Jowai	83C3A1	7	0.246	
Ri-Bhoi				
Jorabat	78N4D6	5	0.342	
Nongpoh	78O1D1	9	0.015	
West Garo Hills				
Ampati	78G3D1	7		0.115
Asanang	78K2B1	8	0.086	
Barengapara	78K4A1	7		0.004
Borkona	78G2D4	7		0.233
Garobandha	78K2A1	7	0.009	
Kherapara	78K3A2	7		0.061
Mahendraganj	78G3D2	6		0.075
Nidanpur	78K1A3	7		0.098
Phulbari	78K1A1	9	0.025	

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Purkhasia	78K3A1	7	0.15	
Tikrikilla	78K1A2	9		0.005
Zikzak PZ	78G3D5	6		0.072
West Khasi Hills				
Mairang	78O2C1	9	0.029	
NAGALAND				
Dimapur				
Chumkidima	83G1D1	7	0.171	
Dgm Colony	83G1C8	6		1.202
Dgmofficedimapur	83G13GM10	5		1.737
Dhansiripar	83G1C5	7		0.263
Dimapur	83G1C2	7	0.005	
Industrial Estate	83G1C7	7	0.06	
Jalukie	83G2C1	7		0.179
Marwari Colony	83G1C9	6	0.237	
Purana Bazar	83G1C10	7		0.801
Seirujha Colony	83G9GM11	5	2	
Singrijan	83G1C6	7		0.015
Kohima				
Cathedral Complex	83K2A1	7	0.128	
NLSA Complex	83K2A2	7		0.015
Sepfuzou Colony	83K2A3	7		0.136
Mokokchung				
Lampi	83J3B1	6	0.09	
Mon				
Namsa	83J1D1	7	0.064	
Wokha				
New Market	83J4B2	6		0.423
Tourist Lodge	83J4B1	7	0.137	
TRIPURA				
Dhalai				
Abhanga N	TRDL04	7		0.013
Kamalpur	78P4D1	8	0.059	
Manu N	TRDL05	6	0.039	
North Tripura				
Bagbasa N	TRNT10	7	0.075	
Dharmanagar	83D3B2	9	0.073	
Gauranagar N	TRNT11	7	0.061	
Kumarghat	83D4A6	9	0.125	
Panisagar	83D4A1	9	0.088	
Pecharthal	83D4A7	9		0.06
South Tripura				
Dhawajnagar Udaipur	79M2B8	9		0.005
Garjee Bazar	79M3B4	9		0.015
Hrishyamukh	79M4C4	9	0.357	

DISTRICT / STATION	WELL NO	No of Data	RISE	FALL
Manurmukh	TRST03A	8	0.135	
Sabroom	79M4C1	9		0.009
Santirbazar	79M3C1	7	0.005	
West Tripura				
Badharghat DTW	TRWT25	8		0.168
Bishalgarh	79M2B1	9		0.15
Bodhjanagar Dtw	TRWT19	8	0.046	
Bodhjanagar Stw	TRWT20	6		0.409
Champaknagar	79M1B6	6		0.221
Dakshin Kalamcherra	TRWT04A	8		0.077
Kalyanpur	79M1C2	9	0.007	
Kathalia bazar	79M3B5	9		0.064
Kenania	79M2A2	9	0.034	
Khowai	78P4C5	9	0.035	
Lichubagan DTW	TRWT21	6		0.171
Lichubagan STW	TRWT22	8		0.145
Mohanpur	79M1B5	5		0.241
Nagicherra1	TRWT29	8		0.069
Nagicherra2	TRWT30	8		0.499
Nalchar	79M2B5	6		0.112
Narsinghgarh DTW	TRWT28	7		0.053
Simna	78P4B1	9		0.057
Sipoyjala	79M2B7	7	0.007	
Sonamura1	79M3B6	9		0.023
Suryamaninagar DTW	TRWT23	6	0.027	
Suryamaninagar STW	TRWT24	6	0.049	
Teliamura	79M1C1	6		0.077

ANNEXURE –XXII

CHEMICAL QUALITIES DATA OF GROUND WATER IN NER (2015-16)

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Arunachal Pradesh																
East Siang																
Banskata, Pasighat	7.7	126.7	1.1	66.17	0	48	12	2.3	1.5	0.02	11.2	6.4	48	3.2	1.5	0
Berrung/ Satmile	8.2	510.7	0.2	261.1	48	72	66	53.6	0.1	0.25	14.4	34	176	30.2	7.2	BDL
Pasighat New	7.9	86.2	0.5	44.9	0	44	16	1.5	1.6	0	4.8	24	36	2.6	0.6	0
Pasighat New	8	165.5	0.6	83.93	0	64	20	15.2	BDL	0.14	12.8	3.9	48	5.3	2.2	0.2
Pasighat-II	7.9	161.2	0.3	83.9	0	60	16	1.6	1.3	0.01	12.8	4.8	52	4.2	1.7	0
Pasighat-II	8.2	467.7	0.2	239.2	0	92	108	53.8	0.25	0.28	12.8	17.5	104	39.4	4.8	0.41
Ruksin	8.3	614.3	2.2	321.1	16	76	74	10.2	0.8	0.3	28.8	44.8	140	29.5	9.7	6.45
Ruksin	7.8	93.58	0.4	47.56	0	60	16	5.7	0.28	0.23	9.6	2.5	28	2.5	1.3	0.07
Sika Baman Todee	8.1	172	0.3	90.4	0	56	18	1.9	0.8	0.12	11.2	4.8	44	3.3	3.4	0.44
Lower Subansiri																
Bomte	7.7	127.7	0.7	65.7	0	36	12	2.1	0.9	0.36	8	12.8	28	2.6	2.1	0.09
Bomte	7.01	62.46	BDL	31.04	0	32	20	5.2	0.2	0.09	6.4	2	20	1.3	1	0.04
Kalaputkar	8.2	444.8	0.3	230.5	0	32	38	17.8	0.67	0.07	19.2	14.4	80	26.3	2.1	0.24
Rajgarh	7.2	277.5	BDL	139.8	0	108	28	24.9	0.13	0.21	25.6	5.8	88	14.5	8.6	BDL
Papumpare																
Banderdewa I	8.4	149	0.7	78.1	0	40	10	4.3	2.1	0.83	6.4	40	60	4.9	1.4	0.4
Banderdewa I	8.8	73.7	0.1	37.11	24	64	14	16.4	0.19	0.22	4.8	1.9	16	3.8	1.2	0.02
Chimpu	8.1	372.3	7.1	194.4	0	52	22	10.2	4	0	30.4	6.4	84	14.2	4.9	0.69
Chimpu	7.8	129.5	0.9	65.49	0	80	12	13.8	0.28	0.23	14.4	3.9	52	2.1	2.7	1.2
Itanagar -I	7.9	262.8	0.1	137.3	16	32	20	7.3	3.1	0.21	17.6	19.2	64	10	2.9	2.33
Itanagar1	7.9	27.41	0.8	13.67	0	24	12	2	0.1	0.25	6.4	1.5	16	0.3	1.3	0.6
Itanagar-II	7.7	280.3	0	146.3	0	48	26	2.4	4.5	0.35	17.6	14.4	60	9.8	6.4	0.31
Kimin	7.9	283.1	0	148.1	32	44	14	7.1	0.8	0.48	17.6	16	80	9.8	6.7	0.09
Kimin	7.8	186	0.5	98.3	0	96	16	23.9	0.1	0.31	9.6	12.6	76	7.1	5.1	BDL
Naharlagun1	8.09	116.7	1.5	58.86	0	84	14	2.7	0.21	0.24	9.6	5.8	48	1.2	3.2	0.03

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Naharlagun-I	8.1	679.4	1.7	351.2	24	56	54	9.7	1	0	22.4	22.4	152	23.8	10.5	0.07
Nirjuli Vill-II A	8.4	121.8	1.3	65.03	24	36	38	1.9	0.2	0.24	9.6	4.9	44	9.7	2.2	11.75
Nirjuli Vill-II B	8.1	225.9	0.1	119.9	0	88	32	13.4	0.15	0.31	20.8	1.9	44	12.1	9.9	0.03
Nirjuli Vill-IIA	8.2	258.7	0	135.5	16	40	120	1.5	3.2	0	14.4	48	128	11.5	2.9	13.59
Nirjuli Vill-IIB	8.1	436.8	0.8	228.2	32	68	24	1.7	2	0.32	22.4	28.8	112	12.6	10.4	0.53
Sonajuli	7.7	112.7	0.8	59.71	0	72	10	14.4	BDL	0.21	14.4	1.9	44	4.9	1.1	5.15
Assam																
Baksa																
Jhargaon	7.89	116.5	0.5	56.25	32	68	60	3.1	0.9	0.46	32	10.7	124	3.4	7.9	0.7
Bhawanipur	8.27	140.9	0.4	69.2	32	104	16	1.1	2	0.23	24	22.3	152	3.3	2.6	0.21
Bhawanipur	7.4	454.9	0.1	223.5	40	104	130	34.8	2.7	0.05	24	9.7	100	32.6	26.6	0.12
Daulasal	8.6	308.8	0	151.2	96	132	26	13.9	4	0.46	35.2	36.9	240	18.4	39.6	0.06
Dhupguri (Galia)	7.98	103.9	4.6	50.7	0	24	34	1.3	5	0.18	8	6.8	48	4.1	9.9	0.23
Sorbhog	8.04	205.6	2.5	100.7	48	52	44	17	1	0.46	16	20.4	124	29.5	10.4	0.35
Sorbhog	7.5	514.6	0.1	251.5	40	96	70	13.1	BDL	0.18	24	25.2	164	17.7	4.5	3.89
Bongaigaon																
Abhayapuri	7.8	322.7	0.9	158.9	24	132	80	1.8	8.6	3.12	11.2	1.9	36	52.9	4.6	2.31
Baitamari	8.15	289.3	0.6	141.2	32	16	60	12.6	1	0.32	25.6	13.6	120	28.5	22.7	0.05
Baitamari	7.6	88.92	BDL	43.22	0	56	40	2.1	0.7	0.07	3.2	2.9	20	8.4	2.2	0.09
Bijni	7.1	115.7	BDL	56.46	0	56	66	16.2	0.4	0.06	8	2.9	32	4.7	3.6	0.73
Bongaigaon New	7.98	79.5	1.4	38.5	0	40	24	5.3	1	0.14	14.4	5.8	60	6.3	1.3	0.33
Bongaigaon T	7.64	83.3	0.8	40.4	0	92	28	9.7	2	0.45	9.6	6.8	52	5.3	1.8	0.08
Chalantapara	7.72	118.4	0.9	57.64	0	40	50	2.9	0	0.13	12.8	11.7	80	16.9	2.9	0.21
Chaprakata (Dankinamari)	7.8	132.4	1.8	64.3	24	88	24	5.2	5	0.36	14.4	29.1	156	7	3.6	0.35
Chaprakata (Dankinamari)	7.19	240.9	0.7	117.5	0	64	130	14	BDL	0.02	4.8	2.9	24	25.2	13.2	0.45
Chaprakata New	8.2	120.3	0.5	58.53	0	44	22	6	0	0.22	20.8	7.8	84	5.5	10	0.12
Chaprakata New	7.5	321	0.4	153	BDL	56	103.2	1	BDL	0.5	2.9	24	10.9	10.5	5.3	0.47
Gerukabari	8.18	118.7	2	57.72	24	32	26	1.2	2	0.85	16	19.4	120	4.1	11.4	0.12
Khagarpur	7.8	69.47	1.4	28.5	0	40	26	5.6	0	0.45	12.8	8.7	68	3.3	2.1	1.12
Majgaon	8	57.27	1.1	27.82	0	56	20	1.3	1	0.44	14.4	5.8	60	2.3	1.5	1.7
Majgaon	7.2	224.8	1.3	109.7	24	88	48	10.5	3	0.09	28.8	5.8	96	3.2	3.8	BDL

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Manikpur	7.9	141.2	0.5	68.65	32	104	18	3.3	0	0.26	32	18.4	156	4.4	5.6	0.1
Manikpur	7.05	312.5	0.1	153.3	0	80	86	46.9	BDL	0.05	24	1.9	68	14.7	20	BDL
MedhiparaDeo	8.2	111.1	2.7	53.9	16	48	18	14.1	0	0.4	20.8	2.9	64	4.2	4.1	5.21
North salmara	7.2	129.2	1.1	70.2	BDL	105	57.8	1	5.8	0.55	6.4	6.8	44	29.1	12.7	0.05
Cachar																
Atalbasti	7.3	182.2	3.7	87.7	0	72	82	17.4	5.8	0.03	19.2	2.9	60	8.2	9.6	0.05
Badribasti	7.4	192	4.7	92.16	0	68	118	9.5	BDL	0.04	9.6	11.7	72	9.2	3.7	0.45
Borjalinga	7.5	162.1	5.3	77.36	0	84	88	2.4	BDL	0.06	19.2	9.7	88	2	5.8	2.73
Borkhola	7.7	286.9	4.2	138.1	0	96	120	13.2	BDL	0.07	24	2.9	64	20.3	11.9	8.92
Digharkhal	7.8	357.8	5.9	172.6	0	68	197.9	20.3	2.7	0.05	30.4	5.2	72	37.1	6.4	0.16
Dorgakuna	7.8	298.2	4.3	143.8	0	64	193.9	4	3	0.05	17.6	6.8	72	25.2	7.3	6.32
Fulertol	7.88	226.7	4.6	109.3	0	32	161.9	13.4	BDL	0.04	17.6	4.9	64	19.8	4.7	0.17
Gosaipur Part II	7.9	598.8	4.5	290	32	92	199.9	20.7	BDL	0.12	22.4	25.2	160	34.4	8.6	10.82
Hilara	8.3	364.1	4.8	176.6	0	96	219.9	23.9	BDL	0.05	12.8	11.7	80	35.5	2.9	1.14
Kalain	8.1	411.3	3.8	199.9	40	100	160	27.2	9.2	0.08	20.8	24.3	152	20.1	5.5	0.21
Kashipur	8.4	293.2	4.7	142.1	40	80	108	11.6	5.7	0.07	28.8	10.7	116	18.8	2.3	1.48
Kathaltila	8.4	138.4	5.1	67.24	0	32	74	5.4	BDL	0.1	9.6	3.9	40	3.1	1.4	0.61
Masimpur	8.01	127.6	4.2	62.02	0	36	82	4.1	BDL	0.03	11.2	4.9	48	8.4	1	0.35
Nagdirgram	7.7	391.8	4.8	191.6	64	48	102	19.2	BDL	0.08	28.8	7.8	104	14.7	3.2	0.17
Poilapul	8.3	100	3.7	48.72	0	16	82	5.8	10.4	0.02	19.2	5.9	52	2.5	1.3	1.88
Razabazar	7.9	515.9	3.5	253.1	0	92	96	99.2	BDL	0.08	41.6	20.4	188	14.5	4.5	0.57
Shivachal	8.02	470.9	5.6	230.3	40	100	146	42	BDL	0.1	27.2	26.2	176	23.9	4	0.25
Shivtila	8.3	341.2	3.9	166.3	32	88	146	22	BDL	0.05	32	8.7	116	12.9	17.2	4.46
Silcoorie	8.3	388.5	4.4	191.2	0	44	271.9	15.4	BDL	0.05	24	11.7	108	26.5	5.9	1.21
Tarapur	7.9	499.6	3.3	246.4	0	40	371.9	6.2	4.3	0.07	32	3.9	56	18.6	11.8	0.47
Darrang																
BaitamariBeltola Chowk	6.5	132.4	1	64.96	0	48	70	11.7	4.3	0.03	24	5.8	36	9.4	4.5	1.58
Bhakatpara OW	7.22	203.1	0.6	98.1	0	80	92	7.9	BDL	0.02	28.8	3.8	56	9.1	6	0.87
Dalgaon	8.3	222.6	0.1	62.1	16	56	62	2.1	0	0.38	12.8	28.2	148	37.8	11.5	0.29
Dalgaon	7	162.4	0.7	80.11	16	72	52	8.7	6.4	0.24	38.4	9.7	56	7.6	6.7	0.18
Gelabil-Thelamara	7.97	130.6	1.8	63.2	0	128	16	1.3	0	0.27	9.6	6.8	52	5.6	3.5	0.11
Goroibari	7.9	98.7	0.1	40.7	16	48	18	4	0	0.38	14.4	14.6	96	11.8	3.8	0.56
Kalaigaon	8.2	159.5	1	77.05	56	32	40	8.1	0	0.33	22.4	23.3	152	16.2	14.7	0.04

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Kalaigaon	7.3	434.2	0.9	215.3	32	136	134	20.5	BDL	0.19	36.8	8.7	128	31.2	6.8	4.73
Madhupur	8.12	217.6	0.2	105.1	40	88	24	9.3	0.2	0.47	28.8	5.8	96	10.8	39.5	0.06
Mangaldoi	7.27	145.2	1	71.33	0	76	36	2.4	BDL	0.02	43.2	12.1	48	5.9	1.9	0.01
Mangaldoi II	7.7	436.9	1.1	216.4	56	96	98	38.1	BDL	0.38	33.6	2.9	96	24	32.5	0.49
Mangaldoi-Ii	8.1	108.2	0.2	52.2	32	132	46	2.1	0.6	0.41	28.8	19.4	152	12	17.5	0.05
Orang	8.1	108.1	0.1	52.16	16	132	34	11	0.2	0.43	24	5.9	60	11.7	5.1	0.15
Orang	7.2	147.7	1.2	70.01	0	44	36	14.5	16.2	0.17	17.6	2.9	32	5.2	2	4.4
Paneri	6.88	487.5	18.5	240.7	16	56	283.9	30.4	2.3	0.12	24	24.3	160	18.2	9.8	10.92
Paneri te	7.34	157.3	1.1	77.17	0	72	36	25.7	BDL	0.13	11.2	7.8	60	5.1	4	0.11
Rowta chariali	7.55	203.5	1.1	101.3	0	40	130	10.5	BDL	0.02	36.8	7.8	124	5.6	1.9	BDL
Rowtachariali	8.2	183.3	0.1	88.51	24	68	50	8.8	0.2	0.57	24	9.7	100	33.4	30.3	0.08
Tangla	7.8	189.6	0.9	93.2	0	84	60	21.2	BDL	0.38	62.4	18.4	232	31	24	0.66
Thekerabari.1	7.6	1037	0.8	514.4	64	88	413.9	76.2	0.3	0.23	6.4	47.6	212	100.7	49.5	1
ThekerabariNo.1	7.9	127.8	0.5	61.6	32	40	36	18.9	0.1	0.49	19.2	12.6	100	14.6	10.8	0.17
Udalguri	8.1	258.7	0.4	106.3	24	84	74	3.5	0.3	0.51	20.8	24.3	152	54.7	24.8	0.03
Dhemaji																
Bhagawan Chariali	8.1	255.3	2.1	133.2	0	48	26	4.4	2.3	0	14.4	33.6	76	8.3	1.8	0
Bijoypur	8.2	661.4	0.6	342.6	24	76	46	2	1.6	0.15	24	6.4	168	27.6	6.2	0.05
Bijoypur	8.5	134.9	0.15	68.19	24	32	18	23.9	0.25	BDL	8	3.9	36	2.4	12.2	0.03
Bordoloni	8.3	398.2	2.5	206.8	32	48	22	2.9	8	0.38	24	4.8	120	10.2	2.1	1.39
Dekapam	8.2	614.4	0.8	318.4	40	80	24	6.8	2.5	0	17.6	12.8	116	11.9	53.4	0.44
Dekapam	7.9	392.2	0.2	199.3	0	124	20	69.6	0.44	0.41	11.2	23.3	124	8.1	3.3	0.1
Dhemaji	8.1	475	1.4	246.8	24	52	20	10.4	4	0.13	22.4	14.4	140	8.6	3.2	0.05
Dhemaji	7	44.96	BDL	22.7	0	40	16	4.4	0.41	0.2	4.8	1.8	12	0.8	1.1	0.04
Dipa	8.06	277.9	0.5	141.3	0	80	48	32.2	BDL	0.19	9.6	9.7	64	18.6	13.4	BDL
Jonai	8.3	262.1	2	135.2	24	28	20	10.4	4	0.24	12.8	4.8	72	9.4	2.7	0.11
Jonai	8.2	315.1	0.5	162	40	80	32	51.6	0.14	0.44	12.8	12.6	84	5.4	35.5	0.44
Sisiborgaon	8.07	93.12	0.5	47.1	0	48	20	4.6	0.15	0.15	8	3.9	36	3.6	1	BDL
Telem	8.3	195.9	1.2	101.2	16	52	12	21.3	5	0	19.2	14.4	48	5.3	3	0.59
Telem	8.4	131.3	0.1	64.64	16	40	12	11	0.23	0.15	9.6	1.6	24	2.9	1.7	0.48
Dhubri																
Bagaribari	8.05	115	0.8	55.75	0	20	46	1.3	2	0.47	14.4	12.6	88	12	1.3	0.04
Bagaribari	7.7	580.2	0.3	283.6	64	116	124	27.3	BDL	0.09	11.2	31.1	156	29.5	11.7	BDL

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Balajan	8.3	271.2	1.1	131.4	40	56	52	9.6	0	0.61	20.8	12.6	104	47	7.2	0.1
Bilasipara	7.8	486	0.9	237.6	40	100	136	36.2	BDL	0.06	17.6	13.6	100	25.3	49.8	1.05
Chapar	8.1	151.8	0.1	73.6	16	40	28	4.9	0.7	0.34	17.6	13.6	100	9	6	0.05
Chapar	7.3	248.6	0.8	120.6	0	40	94	19.3	9.2	0.02	17.6	3.9	60	14.8	3.9	2.84
Dhubri Town	8.5	380.6	0.2	184.2	24	64	102	12.8	0.5	0.72	25.6	57.3	300	57.5	7.6	0.02
Dhubri Town	6.9	222.9	1.2	109.2	0	84	82	19.9	5.7	0.03	17.6	4.9	64	14.1	4.3	1.5
Matiabag	8.46	150	0.1	72.46	56	40	26	6.4	0.5	0.53	51.2	15.5	192	15.2	7.4	0.05
Panbari	7.9	88.3	1.2	42.4	0	236	26	2.6	0.6	0.42	8	4.9	40	7.6	9.3	0.03
Panbari	7.5	338.9	0.2	167	24	72	44	17.8	BDL	0.2	11.2	18.4	104	7.7	5.6	BDL
Rupshi	7.33	184.6	0.1	90.05	0	40	60	6.8	BDL	0.02	8	4.9	40	7.5	9.7	BDL
Shapamari Beat	8.02	647.3	0.9	319.4	40	116	130	19.2	BDL	1.4	28.8	31.1	200	29.6	4	0.9
Sharpamari Beat	8.3	67.7	9.4	32.83	0	28	18	1.2	0.1	0.38	9.6	6.8	52	4	0.7	0.04
Goalpara																
Agai	8.05	173.5	0.2	90.46	BDL	64	25.8	1.9	0.15	0.15	28.8	7.8	104	4.5	7.2	0.4
Bhalukdubi (Goalpara)	7.85	83.52	0	41.24	24	56	14	9.5	0.3	0.44	25.6	8.7	100	2	1.6	0.05
Bhalukdubi (Goalpara)	7.94	181	0.6	94.2	BDL	32	56	3	0.34	0.09	11.2	4.9	48	1.5	2.5	0.41
Damra	7.64	96.15	0	46.29	24	64	16	3.8	0.2	0.66	19.2	9.7	88	8.1	3	0.22
Damra	7.9	106.7	BDL	55.7	BDL	68	23.8	22.3	2.4	0.26	16	6.8	68	10.4	2.1	0.16
Dudhnoi	8.15	157.8	0	78.02	0	40	76	1.1	0.1	0.35	17.6	4.2	48	31.5	9	0.19
Dudhnoi	8.3	533.7	BDL	276.2	48	88	72	5.2	0.32	0.08	28.8	10.7	116	54.4	20.1	0.21
Dudhnoi II	8.08	37.8	0	18.9	0	20	18	1.5	0.2	0.21	3.2	1.9	16	1.3	1	0.07
Dwarka	7.8	73.76	0	36.4	16	12	10	1.1	5	0.33	19.2	5.8	72	4.2	3.5	0.02
Krishnai New	7.9	89.98	0	44.4	24	104	16	1.1	5	0.58	16	7.8	72	7.5	1.1	0
Matia	7.82	129.1	0	63.82	32	56	28	4.2	0.3	0.41	27.2	10.7	112	6.8	5.2	0.04
Pattapara	8.1	146.1	0	72.22	24	124	14	1.1	1	1.5	24	14.6	120	24.8	1.3	0.41
Salpara	7.92	52.04	0	25.75	0	32	26	1	0.2	0.25	8	1.9	28	7.2	1.9	0.39
Salpara	8.14	180	0.5	93.05	BDL	76	60	3	0.39	0.03	9.6	3.9	40	14.6	4.2	0.1
Teuli	7.7	92.38	0	45.64	0	44	54	1.7	0.5	0.49	12.8	2.9	44	13	7.6	0.01
Teuli	7.97	518	0.1	278.8	BDL	94	31.8	9.1	0.16	0.08	19.2	4.8	52	52.3	26.2	0.04
Golaghat																
Bokakhat	7.93	235	0	118.4	40	32	28	23.9	4.4	0.07	14.4	3.9	52	24.1	3.9	3.85
Bongaon,NH-37	7.97	264	0.09	132	24	116	30	10.7	3.4	0.18	17.6	10.7	88	14.3	2	0.83
GandhibariNamghar	7.88	368	0	185.1	40	100	32	55.8	5.2	0.26	30.4	15.5	140	13.3	10.3	0.99

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Garampani	7.83	459	0	231.3	24	56	94	27.9	0.9	0.97	24	5.8	84	52.3	4.5	3.34
Golaghat	7.75	361	0.05	182.2	96	72	30	2	0.5	0.19	30.4	15.5	140	21.7	1.9	3.44
HaldibariBuri Ai	8.18	347	0	176.2	80	96	16	1.3	2.1	1.4	12.8	9.7	72	53.7	2.1	14.92
Kamargaon	7.77	262	0.9	132.2	0	64	42	37.7	1.2	0.04	6.4	14.6	76	18.2	11.6	1.12
Oating	8.05	454	0.6	230.1	96	44	44	33.4	1.3	0.24	11.2	2.9	40	89.1	3.5	5.59
Hailakandi																
Burakhai	7.8	152.4	4.1	74.59	0	76	96	1.4	6.4	0.04	9.6	4.9	44	4.3	2.4	0.67
Katlichera New	7.8	449.6	4.4	221.2	0	164	136	25	BDL	0.13	28.8	18.4	148	28	5.1	0.97
Monachera	7.9	513.7	4	253.9	24	76	303.9	17.4	BDL	0.06	27.2	10.7	112	54.1	5.2	0.29
Panehgram New	8.3	444.1	5.2	217.8	0	20	241.9	53.8	BDL	0.01	19.2	9.7	88	31.6	15.7	0.47
Syedbond Part II	7.7	356.6	5.1	175.5	32	80	94	54.3	16.2	0.18	11.2	3.9	44	18.4	56.9	0.19
Jorhat																
Bijay Nagar	7.8	194.2	2.7	99.13	8	108	6	2.7	14.8	0.24	22.4	25.6	80	16.4	1.9	2.7
Chandan Nagar	8.31	328	0	165.2	24	64	44	17	2.1	0.09	12.8	10.7	76	23.7	6.9	0.37
Cinemora	8.07	1139	0.2	581	40	124	219.9	59.9	1.9	0.08	25.6	29.1	184	119.8	27	10.23
Dabarapara Charali	7.95	296	0.1	148.9	0	104	38	38.6	1.6	0.07	16	6.8	68	22	6.4	8.05
Dahotia	8.31	825.3	0.08	434.6	24	136	154	57.7	0.6	0.11	27.2	15.5	132	100.7	48.8	7.57
Kokilamukh	8.04	255	0.1	128.2	32	56	20	1.3	3.6	0.74	9.6	8.7	60	21.5	4.7	11.81
Kolakhowa	8.4	527.5	0.7	252	104	76	20	1.5	9	0.18	30.4	14.6	136	43.1	2.4	3.5
Kunwari Pukhuri	8.3	247.1	1.8	125.3	40	80	14	2.2	1	0.12	14.4	8	80	21.5	2.7	4.9
Lichubari	8.3	536.5	0	270	24	168	72	50.7	1.6	0.07	20.8	10.7	96	47.7	17.9	4.48
Mariani	7.91	219	0.6	109.8	24	76	28	22.8	5.4	0.4	19.2	3.9	64	9.1	8.1	0.53
Meleng	8.02	190.9	0	95.54	0	56	38	19.3	0.9	0.02	9.6	4.9	44	13.6	9	0.77
SodialKachariGaon	8.32	615	0	310	40	152	70	57.4	1.5	0.32	33.6	15.5	148	48.5	12.7	1.84
Titabor	8.06	450	0	227.8	40	72	60	52.9	2.2	0.12	16	3.9	56	44.3	10.3	0.8
Kamrup																
Abhaipur	8.03	110.5	0.5	45.9	0	28	22	1.5	0	0.58	6.4	6.8	44	10.4	2.6	0.2
Abhaipur	8.09	773.4	2.1	385.9	56	120	193.9	48.3	1	0.47	33.6	27.2	196	41.9	16.6	2.12
Agyathuri	8.18	114	0.4	46.8	16	32	22	1.4	0	0.66	12.8	12.6	84	22.1	2.2	0.74
Agyathuri	7.5	391.5	2.1	210.5	0	56	35.5	5.5	0.2	0.6	16	2.8	47	2.7	1.9	1.26
Alikash Adarsh	7.8	368.1	1.5	180.2	32	108	48	6	1.3	3	11.2	8.7	64	42.5	1.7	0.02
Amingaon	8.3	160	1	65.5	32	32	28	15	0	1	20.8	8.7	88	24.9	5.2	0.07
Amingaon	7.6	251.5	1.6	124.4	48	76	36	21.5	0.5	0.31	17.6	18.4	120	5.5	3.9	1.86

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Bamunigaon	7.4	37.99	0	18.78	0	28	22	1.1	0.2	0.4	6.4	3.5	20	6.1	1.5	0.12
Bamunigaon	8.38	681.3	BDL	358.6	48	108	83.4	1.9	3.9	0.34	62.4	18.4	232	58.9	3.2	0.67
Boko	8.1	111.3	0	55.16	24	100	10	1.2	0.1	0.76	27.2	7.8	100	13.1	1.9	0.33
Boko	8.24	128.8	0.4	67.4	BDL	68	13.9	9.1	0.6	0.15	11.2	5.8	32	8.4	2.7	0.18
Charani	7.9	200.7	0.6	81.2	56	12	54	14.2	0.4	0.49	27.2	10.7	112	35.4	5.6	0.03
Chaygaon	8.31	207.4	BDL	107.6	24	60	17.9	3	0.7	0.39	36.8	7.8	124	9.3	3.6	1.02
Darkuchi	8.17	142.8	0.4	58.61	16	64	34	22.1	0	0.39	16	8.7	76	22.8	50	0.75
Dora Kahara	8.3	452.9	3	185.1	48	44	116	21.7	0.2	0.53	12.8	25.2	136	110.4	20.9	0.51
Hajo	7.7	949.7	0.9	471	32	112	315.9	71.8	1.5	0.55	25.6	50.5	272	54.1	3.5	0.41
Mirza	8.1	144.1	0.1	71.32	32	108	16	1.5	0.1	1.88	43.2	4.9	128	12.1	3.5	0
Mirza	8.14	210	1.3	109.5	BDL	76	23.8	3	1.3	0.32	14.4	1.9	44	19	3	1.14
Rajapara	8.05	186.3	0	92.01	48	132	20	10.7	0.1	2.69	27.2	7.8	100	49.1	2	1.88
Rajapara	8.3	937.9	0.1	501.2	40	92	140.9	1.8	4.1	0.11	25.6	11.7	112	116	34.8	0.16
Rani	7.8	62.9	0	31.12	0	32	4	1.6	0.6	0.5	6.4	2.9	28	7.7	5.1	0
Rani	7.5	57.79	0	28.56	8	40	16	1.8	0.7	0.38	11.2	3.9	44	7.2	2.2	0.06
Rani	8.34	226	0.3	117	40	32	21.8	5.2	2.4	0.14	24	3.9	76	8	4.3	0.15
Sualkuchi	8.6	660.7	0.8	270.6	72	148	160	1.5	0	0.75	88	9.7	260	92.2	54.7	0.38
Sualkuchi	8.07	293.3	0.8	144.5	32	92	6	22	0.8	0.65	14.4	8.7	72	23.1	1.6	0.38
Udalguri	7.8	1047	1.5	517.7	16	144	471.9	65.1	0.2	0.18	12.8	26.2	140	73.9	7.5	0.08
Karbi Anglong																
Balipathar	7.48	134.4	2	68.29	0	16	26	20.8	2.6	0.05	6.4	11.2	24	9	7.5	0.7
Bokajan I	7.7	227	2.4	115.4	0	40	34	3.2	0	5.2	20.8	6.4	64	12.1	2.4	0
Bokajan II	8.5	290.1	2.1	148	24	132	6	7.8	0.8	0.03	19.2	17.6	96	28.2	4.2	2.3
Bokoliaghat	8.25	362.1	2.5	185.1	40	124	24	48.3	0	0.19	14.4	20.8	144	12.5	9.4	0.5
Deopani	7.7	299.1	2.6	156.3	24	100	34	33.7	2.3	0.26	24	14.4	116	25.6	3.8	1.2
Dillai	8.33	920	0	470.1	8	152	138	66.8	3.2	0.12	24	39.8	224	81.6	3.4	1.48
Diphu	7.18	389.8	2.7	201.3	16	120	66	33.4	0.4	0.25	32	6.4	124	25.3	3.4	0.4
Dishobai	7.76	227.7	2.3	115.7	32	20	36	5.5	0.9	0.17	20.8	12.8	60	15.1	2.5	8.9
Hidipi	7.9	421.5	2	215.2	24	156	38	45.3	1.7	0.32	43.2	22.4	152	18.4	10.2	0.2
Khatkhati	7.9	148.1	2	75.3	0	48	26	6.2	4.5	0.06	11.2	19.2	36	8.5	1.7	0.7
Manja	7.7	340.2	3.2	174.5	0	60	72	36.9	0.9	0.09	19.2	9.6	68	39.9	4.9	5.7
Manja	8.5	488.7	1.6	250.6	32	232	16	25.1	0.8	0.26	11.2	8	60	82.7	11.2	0.5
Mohendijua	7.8	292.7	2.8	148.8	32	44	42	31.5	0	1.2	24	22.4	80	18.2	5.7	4.5

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Phonglangso	8.5	324.4	2.7	166.3	16	176	16	13.2	0	0.18	9.6	14.4	124	21.7	5	1.7
Saphapani	7.69	145.6	2.7	73.66	0	44	28	4.1	0	0.26	9.6	6.4	40	9.9	3	8.9
Silanijan	8.2	288.6	2.4	146.9	0	24	72	20.8	0	0.08	3.2	19.2	24	33.2	14.9	0.2
Terangaon	8.02	261.2	2.2	132.7	24	100	18	23.3	0	0.27	25.6	17.6	92	14	5.4	0.4
Karimganj																
Badarpur	8.3	400.2	4.2	198	0	16	229.9	22.3	2.3	0.02	33.6	4.9	104	19.6	9.7	0.21
Dhaulia	7.6	191.9	4.8	94.3	0	120	62	5.2	BDL	0.09	25.6	7.8	96	3.3	2.2	3.59
Karmganj	7.9	391	3.7	196.4	8	96	88	15.9	BDL	0.1	22.4	13.6	112	11.6	2.7	0.54
Patharkandi	8.3	248.9	3.5	123.2	24	100	72	9.9	BDL	0.22	27.2	9.7	108	7	6.2	0.16
R K nagar 1	8.3	90.21	5.6	44.54	0	28	60	1.4	0.3	0.03	11.2	5.8	52	0.8	2.4	0.1
Sarkaribari	7.9	131.6	BDL	65.16	0	92	56	1.2	BDL	0.07	16	8.7	76	4.9	3.1	0.92
Kokrajhar																
Borobazar	7.5	220	0.2	109.2	0	24	47.8	1	10.4	0.09	24	9.7	100	7.5	2.1	0.5
Garubassa	8.1	104.2	0	50.54	16	76	36	1.2	0	0.48	24	7.8	92	7	2	0.04
Garubassa	8.1	418	0.5	205	32	72	132	33.9	BDL	0.1	22.4	10.7	100	29.5	13.1	0.9
Kokrajhar	8.1	98.8	1.8	47.82	0	76	26	3.9	0	0.18	19.2	5.8	72	14.9	2.5	0.05
Kokrajhar	7.3	184	0.2	90	0	40	93	1	BDL	0.2	11.2	31.1	156	32.5	18.9	0.07
Sidli	8.07	114.9	0.3	55.57	0	60	40	5.9	0	0.09	16	4.9	60	29.4	7.7	0.07
Sidli	7.5	467.2	1.1	229.5	32	92	173.9	46.9	BDL	0.04	43.2	9.7	148	23.6	7.7	BDL
Lakhimpur																
Amguri	8.3	168.4	6.1	83.74	32	36	10	6.2	1.7	0.23	20.8	14.4	60	12.8	5.4	0.53
Amguri	7.4	117.3	0.1	61.88	32	40	14	11.6	0.25	0.38	12.8	2.8	36	7.8	1.7	0.01
Bhogpur	8.1	360	1.1	185.9	64	48	14	1.6	7.2	0.52	28.8	8	120	8.7	2.9	14.42
Bhogpur	8.02	336.7	0.3	179.7	40	124	46	9.3	0.41	0.72	28.8	15.5	136	27	3.1	0.52
Bihpuria	8.2	325.1	0.5	169.1	32	76	18	2.7	3.8	0.46	22.4	6.4	96	8.6	4.3	2.01
Bihpuria	8.7	100.1	0.9	52.36	24	40	16	9.2	0.23	0.21	9.6	2.9	36	4.4	2.8	0.02
Dejoo	7.3	153.2	4	75.4	0	44	16	1.5	1	0.03	19.2	12.8	48	8.5	2	0.58
Dejoo	7.9	75.83	0.2	39.46	0	44	12	4.1	0.28	0.06	4.8	1.9	20	1.5	1.4	0.27
Harmoti	8.2	400.2	3.8	198.1	40	80	42	8.2	1.7	0.12	43.2	16	140	39.3	27.1	0.6
Harmoti	7.29	76.26	0.1	38.4	0	24	24	4.2	0.19	0.13	9.6	1.9	16	0.9	1.1	0.06
Koilamari	8.07	122.9	0.4	62.05	0	52	12	26.3	0.15	0.24	9.6	2.9	36	5	3	0.75
Laluk	8.2	545.7	3.9	266.2	24	96	74	12.4	0.9	0.25	32	6.4	92	64.4	30.4	0.16
Laluk	8.2	249.1	0.2	131.4	0	96	54	23.1	0.14	0.28	17.6	6.8	72	15	7.7	BDL

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Madhupur	8.3	254.2	1.9	132.1	24	52	16	2.5	5.1	0.53	22.4	4.8	80	5.9	1.8	2.31
Madhupur	8.8	96.39	0.9	49.26	32	4	12	1.7	0.15	0.29	9.6	1.9	28	3.2	1.2	7.25
Milanpur	7.6	102.5	3.7	50.7	0	52	14	1.3	0.9	0.04	12.8	3.2	44	2.5	8.2	0.12
Milanpur	7.9	160.7	0.2	79.14	0	56	24	6.7	0.92	0.1	6.4	2.9	28	6.2	0.9	0.04
N. Lakhimpur	8.5	69.09	0.3	36.22	16	20	14	6.7	0.5	0.29	8	1.9	28	1.9	1	1.38
Narayanpur	7.5	134.9	1.2	71.62	0	64	22	10	0.44	0.33	8	2.9	32	6.8	4.6	3.39
Panigaon	8.2	199.2	4.6	98.7	24	84	16	2.9	1.1	0.17	44.8	12.8	160	10.6	4.2	8.61
Panigaon	9.03	173.1	1.1	91.59	24	52	24	13.6	0.2	0.31	9.6	4.9	44	16.3	5	0.52
Pathalipam2	7.8	96.7	4.2	47.1	0	40	10	1.5	0.9	0.03	11.2	6.4	32	1.7	2	0.35
Pathalipam-I	7.6	178.7	1.3	89.95	0	76	14	48.2	0.24	0.19	19.2	4.9	68	4.9	2	1.04
Pathalipam-II	7.4	224	2.1	113.4	0	84	24	15	0.09	0.08	20.8	3.9	68	10.4	5.2	0.07
Nagaon																
Bagori	8.48	705	0.2	353.5	56	184	62	49.2	1.2	1.5	24	12.6	112	68.6	17.9	1.26
KazirangaVill.	7.84	158	0	79.48	24	28	24	13.5	4.3	0.03	9.6	1.5	28	12.3	3.2	0.46
Phulaguri	8.3	187.8	0.1	92.2	0	56	28	10.1	1.1	0.04	8	2.9	32	10.3	4.3	1.44
Nalbari																
Civil Hospital	7.6	185.2	0.5	91.7	0	72	10	55.4	0.8	0.07	14.4	11.7	84	3.3	2.9	0.13
Dhubri	7.8	503.6	1.8	250.4	40	92	42	2.2	4.2	0.45	12.8	38.8	192	13.7	6.9	1.22
Matabagow	7.6	219.2	0.9	107.3	24	64	16	20.9	3.6	0.05	12.8	10.7	76	7.6	3.7	0.19
Patacharkuchi	7.5	226.8	1.2	112.6	0	56	6	2.1	5.5	0.26	25.6	8.7	64	26.8	2.6	0.26
Tamulpur	7.6	345.8	0.1	141.1	32	64	96	7.4	0.6	0.42	17.6	24.3	144	52.5	10	0.04
Tihu	7.5	220.6	0.1	90.1	24	108	34	8.3	0.8	0.85	19.2	19.4	128	30.2	11.5	0.33
Tihu	7.9	211.1	0.4	104.3	24	100	12	24	0.9	0.53	19.2	5.8	72	17.9	2.1	0.36
Sibsagar																
Bandarmari	8.08	248.8	0.5	126.3	40	88	20	10.4	2.3	0.12	4.8	23.3	108	6.9	2.8	1.57
Betbari Alimore	8.03	885.5	0	455.6	0	120	64	98.3	3.3	0.05	57.6	44.7	328	27.9	5.4	14.79
DemowSukan	8.31	331.4	0	161	24	112	30	10.7	2.2	0.08	24	13.6	116	13.5	1.3	0.42
Moranhat	8.32	367.4	0.3	186.8	24	24	58	42.5	2.9	0.07	16	3.9	56	31.9	13.7	1.7
N. DemowSukan	8.37	312.1	1.1	158.2	32	148	24	4.9	2.6	0.14	17.6	17.5	116	18.6	0.8	3.94
Sapekhati	8.29	198.2	0.4	100.7	24	64	20	2.4	4.1	0.27	12.8	6.8	60	14.5	1.2	13.3
Sibsagar	8.38	817.9	0	436.7	48	256	122	69.3	4.2	0.19	56	29.1	260	101.3	10.1	0.6
18th Mile	8	337.5	3.9	168.1	0	120	22	11.6	3.9	0.25	27.2	17.6	120	26	16.4	0.12
18th Mile	8.3	311.2	1	164.9	24	104	48	33.3	0.15	0.19	11.2	10.7	72	25.4	12.2	0.31

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Balipara	8	371.8	3.5	183.1	40	36	46	9.7	3.5	0.1	24	27.2	76	43.8	15.7	0.65
Balipara	8.6	252.4	0.7	142.8	16	52	54	34.4	0.19	0.2	9.6	1.9	32	15.3	7.4	0.04
Bihupukhuri	7.9	405.3	4	198.3	24	64	30	3.5	2.2	0.1	30.4	27.2	160	10	8.8	0.24
Bishwanath Ghat	8.01	586.6	4.4	286	32	60	60	19.9	3.2	0.09	28.8	25.6	180	46.9	33	0.43
Borchola	8.1	232.6	1.2	116.7	0	48	46	24.5	0.44	0.26	8	1.9	28	8.6	22.9	0.08
Buroi	7.7	65.09	1.1	32.35	0	28	14	3	0.14	0.1	4.8	1.9	16	2.1	2.3	0.5
Buroighat	7.9	167.4	5.2	81.1	24	20	20	3.9	1.7	0.07	20.8	12.8	68	4.1	9.7	1.08
Charduar	8.2	687.5	5.6	340.5	24	76	82	16.5	8.6	0.08	25.6	27.2	172	97.2	25	0.11
Charduar	8.2	525.1	0.9	275.9	48	72	90	48	0.41	0.24	41.6	15.5	168	34.3	15	0.01
Dhekiajuli	8.1	229.8	5.1	112.8	24	48	26	6.8	0.8	0.09	17.6	6.4	80	17.1	16.6	0.42
Dhekiajuli	8.01	164.9	1.1	82.8	0	72	34	18.9	BDL	0.24	8	4.9	40	9.8	4.4	0.51
Garumari	8.1	284.2	3.7	139.9	48	72	16	4.9	2.8	0.16	32	6.4	112	18	14.5	2.46
Garumari	8.5	204.1	1.1	102.1	32	36	22	33.6	0.25	0.28	11.2	4.9	48	9.6	6.2	0.04
Gohpur	8.1	468.3	6.3	221.3	40	76	58	10.1	1.5	0.13	28.8	16	140	70.6	10.4	14.48
Halem	8.1	179	5	86.9	32	40	12	4.6	1.9	0.06	19.2	19.2	84	6.6	7.6	5.6
Jamuguri	8.1	215.3	3.3	106.3	24	64	22	1.8	3.7	0.16	24	3.2	96	24.3	7.8	3.26
Kolabari	7.9	354.9	4.1	171.6	48	112	26	2.2	1.3	0.26	41.6	24	256	17.5	19.2	4.75
Sotia	7.9	490.7	4.1	220.9	56	104	44	3.4	1.5	0.42	33.6	19.2	164	50.4	21.9	1.17
Tezpur	8.1	355.5	4.8	175	40	52	50	4.6	2.7	0.06	27.2	43.2	216	33.6	8	0.26
Tezpur	8.1	403.5	18.5	203.5	40	80	70	21.8	0.23	0.3	25.6	10.7	108	25.9	7.7	0.03
Thelamora	8.2	140.3	4.2	69.05	16	24	8	4.7	0.6	0.06	11.2	11.2	64	10.8	2.4	3.79
Thelamora	8.02	179.5	1	90.26	0	56	40	30	0.15	0.22	8	1.9	28	17.2	1.3	2.69
Tupia	7.9	188.3	4.4	92.6	0	72	14	4.7	1.3	0.11	11.2	8	60	16.9	20.6	0.52
Tupia	9.5	107.2	0.6	55.24	24	24	18	14	0.2	0.31	9.6	1.9	32	2.3	7.5	0.08
Meghalaya																
East Garo Hills																
Bajengdoba New	7.8	117.3	0.2	57.51	24	56	14	10	1.4	0.27	46.4	2.1	120	3.8	5.9	0.14
Dainadubi	8.08	38.15	0	18.81	0	32	10	1.2	0.9	0.33	6.4	2.9	28	4.4	0.9	0
Dainadubi	7.7	165.8	BDL	87.1	BDL	36	17.9	5.2	1.3	0.08	27.2	36.9	220	12.3	3.4	0.52
Darugiri	7.5	70.38	0	34.56	0	8	24	1.1	2	0.28	12.8	1.9	40	8.6	2.7	0
Darugiri	7.8	109.4	0.4	57.3	BDL	36	83.4	15.9	0.7	0.1	22.4	10.7	100	4.7	2.5	0.52
Depa Sarangma	8.17	45.67	0	22.56	0	44	24	1.2	8	0.47	19.2	4.9	28	6.4	2.1	0
Kharkutta	8.1	33.41	0	16.51	0	60	20	1.1	3	0.45	6.4	1.9	24	4.9	1	0.01

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Kharkutta	8.1	131	1.3	67.9	BDL	32	19.5	3	3.9	0.22	25.6	11.7	112	8.4	3.1	1.05
Mendipathar	8	36.44	0	17.96	0	40	16	1.7	1.7	0.49	4.8	1.6	16	4.7	2.4	0
Rongjeng	7.4	73.2	0	36.08	0	8	32	1	2	0.65	14.4	3.2	40	8.7	3.1	0.01
Rongjeng	7.5	327	0.1	173	BDL	48	13.9	9.9	3.9	0.15	28.8	24.3	172	24.5	7.9	0.01
Rongmil	7.9	39.2	0	20.1	0	20	12	1.4	5	0.45	3.2	2.9	20	3.2	0.2	0.02
East Khasi Hill																
Balat	8.2	377.4	0	201.6	24	52	18	10.4	1.9	0.7	20.8	24	108	13.3	8.9	8.07
Balat	8.01	293.3	0.2	153.5	0	164	31.8	5.2	0.38	0.28	25.6	7.8	96	16.5	12.4	0.03
Cherrapunji	8.1	182.4	0	96.7	0	40	18	4.5	0.2	0.2	8	19.2	44	6.1	2.3	0.71
Cherrapunji	7.93	226.6	0.1	118.5	0	92	9.9	3	0.25	0.05	22.4	13.6	112	13	5.6	0.62
Leban	7.5	945	0.1	485	0	28	70.1	56	0.5	0.5	11.7	92	81.2	9.2	2.9	2.87
Lr. Lachaumiere	6.9	346.9	0	184.3	0	36	44	3.5	0.5	0.05	19.2	12.8	60	18.2	1.4	1.39
Lr.Lachaumiere	7.7	327.5	0.15	173	0	20	17.9	3	1.3	0.02	27.2	9.7	108	16.7	1.6	BDL
Mawpat	7.4	405.5	0	215	32	40	32	4.4	1.6	0.14	28.8	16	80	15.1	2.9	0.19
Mawpat	7.95	455.8	0.5	243.2	0	16	21.8	1.9	0.7	0.04	11.2	5.8	52	35	8.5	BDL
Nongmynsong	8	617.7	0	327.7	16	56	64	10.3	1.9	0.1	20.8	88	72	37.1	26.3	0.16
Nongmynsong	8.1	745.9	0.4	392	0	28	23.8	9.1	1.1	0.07	16	8.7	76	82	50	BDL
Rynjah	7.7	472.8	0	251	0	48	46	5.7	1.2	0.2	12.8	12.8	96	23.2	4.2	0.05
Shillong Dhankheti	7.8	143.8	0.2	71.95	56	26	9.5	12.8	0.19	0.19	1.9	40	12.6	7.5	1.1	1.05
Shillong Golf Links	7.5	53.3	0.6	26.81	36	18	19.3	12.8	0.37	0.37	2.9	20	8.1	1.8	0.4	0.41
Shilong Dhankheti	7.96	319.8	0.2	171.3	24	32	32	1.2	0.2	0.33	20.8	14.4	80	15.2	4.9	4.72
Shilong Golf Link	7.2	69.68	0.1	37.5	0	28	12	1.3	0.3	0.15	4.8	20.8	32	3.9	0.4	0.18
Jaintia Hills																
Dauki	7.8	211.7	0.2	106.1	124	24	64.4	9.6	0.48	0.48	21.4	112	6.5	7.8	1.5	1.52
Jowai New	7.9	87.83	0.1	43.84	28	22	24	4.8	0.38	0.38	2.9	24	10.9	4	BDL	0
Dawki	7.7	276.1	0	146.6	24	24	14	4.4	2.5	0.16	20.8	6.4	92	2.3	1.6	0.19
Jowai New	8	116.4	0	61.34	0	48	14	1.4	5.5	0.35	8	20.8	36	4.2	1.2	0
Ri Bhoi																
Byrnihat	8.22	431.8	0.1	217.2	0	116	68	0.7	0.25	0.67	16.5	20.8	120	21.5	1	0.98
Nayabunglow	7.94	272.3	0	136	0	28	58	0.3	1.3	0.33	3.9	14.4	52	6.1	2.1	2.13
Nongpoh	7.93	275.2	0.15	137.4	0	32	44	0.3	0.7	0.34	8.7	12.8	68	42.2	BDL	0
Pahanmawlier	8.12	208	0	103.6	0	108	22	0.5	1.1	0.45	6.8	19.2	76	6.7	0.4	0.44
Bhrynihat	7.7	193.1	0.1	103	0	44	20	1.2	0.7	0.17	12.8	32	36	8.5	3.3	0.21

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Nayabanglow	7.9	180.6	0	94.79	0	32	20	1.4	2.2	0	8	12.8	36	8.3	3.6	0.1
West Garo Hills																
Asanang	7.4	147.8	0.3	77.6	0	28	18	1.4	1	0.47	9.6	14.4	32	6.4	1.9	0.23
Baljek	7.7	87.34	0.7	46.8	0	20	20	1.2	1	0.05	8	12.8	24	3.5	1.3	0.42
Barengapara II	7.3	222.7	0.3	118.9	0	60	12	1.1	1.3	0.37	12.8	35.2	36	9	2	13.97
Belguri	7.7	80.17	0	39.49	0	56	22	2.6	2.2	0.38	20.8	9.4	56	3.8	5.4	0.08
Kherapara	8.01	108.7	0.2	57.8	0	28	14	1.3	0.8	0.05	8	8	24	4.4	0.8	0.55
Nidanpur II	7.8	537.2	0.1	286.2	16	60	40	7.8	0.7	0.46	24	24	120	27.7	2.1	2.28
Nidanpur II	7.95	248	0.15	128	8	60	25.8	1	11	0.07	7.8	19.2	80	5.5	9.6	0.03
Phulbari	7.1	353.8	0.2	188.2	16	44	20	8.7	0.9	0.63	26	16	72	19.7	5.2	0.94
Phulbari	7.97	305	0	159	48	28	21.9	4.6	21	0.32	9.7	25.6	104	19.4	3.9	0.38
Phutamati	8.2	55.8	0	25.3	0	36	16	1.1	0.8	0.34	4	4	16	2.3	0.6	0.41
Purkhasia	7.3	139.2	0.5	73.94	0	40	12	1.3	0.8	0.39	8	20.8	32	6	1.2	0.22
Rongram	7.7	245.5	0.1	131.1	0	28	24	1.5	0.8	0.24	6.4	25.6	28	10.4	9.6	0.93
West Khasi Hill																
Mairang	7.6	317.8	0.2	167.7	0	48	36	6.3	1.6	0.11	16	27.2	72	13.7	5.5	0.28
Mairang	8.3	206.7	0.2	103.5	36	58	31.7	16	1.26	1.26	1.9	48	21.6	11.3	BDL	0
Tripura																
Dhalai																
Abhanga	7.3	122.8	0	61.27	0	24	22	40.5	1.6	0.21	16	5	36	10.5	8	3.39
Ambassa	7.2	35.9	4.4	18	0	100	57.5	14.9	5.5	0.46	22.4	7.8	88	10.2	2.2	1.51
Darlongbasti	8.1	428.3	0	207.8	24	144	22	34.8	3.4	0.52	11.2	27.2	140	23.1	3.5	0.05
Durga Chaumuhani	7.9	317.3	2	156.4	0	92	42	6.3	0.6	0.17	28.8	2.9	84	21.9	6.8	0.17
Kamalpur	7.9	198.4	3.9	195.1	0	68	28	40.5	2.5	0.39	14.4	4.9	56	17	6.6	1.69
Manu	8.1	249.8	2.7	120.7	16	88	22	31.1	10	0.47	17.6	6.8	72	23.6	2.7	0.3
North Tripura																
Baghbassa	7.5	186.5	0.08	90.47	0	108	18	16.3	0.8	0.37	11.2	9.7	68	11.9	7.2	0.73
Dharmanagar	7.9	221	0.1	107.1	16	96	12	11.6	0.8	0.45	12.8	6.8	60	22	6.2	6.03
Gaurnagar	7.6	121.4	0	58.76	0	64	14	6.7	0	0.37	6.4	3.9	32	13	3.7	0.26
Kanchancherra	7.2	35.9	1.1	18.2	0	100	56.8	9.9	1	0.39	33.6	2.9	96	10.8	3.7	0.17
Kanchanpur	7.5	768.1	0	374.8	0	84	225.9	37.5	4.2	0.39	19.2	12.6	100	103.6	17.2	0.98
Karaicherra	7.4	196.7	0.4	95.45	8	80	20	27.9	1.8	0.39	22.4	5.8	80	7.9	2.1	0.59
Kumarghat	7.8	318	0.5	154.9	0	60	72	21.1	2.4	0.33	6.4	2.1	16	50.8	7.5	0.59

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Laljuri	6.8	454	0.3	209.1	0	88	8	46.1	1.5	0.4	36.8	1.5	92	11.9	5.3	0.52
Panchamnagar	8.1	252.6	2	124.2	8	116	14	31.9	2.8	0.4	24	9.7	100	5.9	7.8	0.54
Panisagar	7.6	216.1	0.2	218.1	0	48	84	34.2	0	0.51	12.8	2.9	44	45.4	34	0.43
Pecharthal	8	523.2	0	254.3	32	96	102	41.7	14.8	0.44	19.2	13.6	104	66.7	11.4	0.17
Rajnagar	8.09	459.1	0	222.3	0	112	80	51.1	0.5	0.38	14.4	3.9	52	88.6	7.4	4.82
Satnala	8.1	374.3	2.6	185.9	0	164	70	45.5	1	0.5	8	29.1	140	35.8	9.6	1.12
South Tripura																
Amarpur	8.5	626.3	2.7	307.2	32	164	88	55.8	1.7	0.51	32	6.8	108	43	105.6	0.77
Ampi Colony	8.2	278	4.3	137.9	0	104	44	37.8	1	0.3	11.2	1.9	36	41.1	7.2	1.51
Bampur	8.1	410.6	4.2	204.7	0	152	50	62.7	1.2	0.34	17.6	16.5	112	35.7	24.2	0.16
Dhwajnagar	7.8	610.2	3.2	300.6	0	16	152	13.4	0.8	0.53	19.2	6.8	76	76.6	17.4	0.1
Gardhang	8.1	215.6	2.1	105.9	0	76	28	42.8	8.7	0.46	17.6	8.7	80	16.3	4.4	2.88
Garjee Bazar	7.6	601.1	2.4	295.9	0	28	142	22.6	17.2	0.55	19.2	6.8	76	79.4	18	0.11
Hryshyamukh	7.6	606.5	2.2	298.4	0	12	146	12.6	3.1	0.52	17.6	3.9	60	79.6	17.4	0.09
Jhajhari	8.02	269.8	2.8	131.1	0	76	20	76.7	2.5	0.45	14.4	1.9	44	20.6	6.8	1.89
Kalacharra	8.3	217.7	2.4	106.6	16	104	16	4.6	3.9	0.53	19.2	6.8	76	14.8	4.5	0.1
Kankraban	8.07	230.7	2.7	114	0	56	22	54.3	1.9	0.47	17.6	4.9	64	16.8	4.5	2.09
Manu Bazar	8.2	224.6	1.6	110.2	16	104	14	17.1	3.8	0.55	9.6	10.7	68	18	5.5	0.04
Manurmukh	7.9	635.1	2	315.4	0	20	144	22.1	1.2	0.48	16	10.7	84	80.2	19.5	0.3
Noabari	8.4	614.3	2.3	302.4	56	112	88	59.1	1.1	0.47	17.6	16.5	112	48.1	115.5	0.63
Radhanagar	7.9	213.1	3.5	105.5	0	80	26	44.1	0.9	0.45	14.4	6.8	64	16	4.3	2.92
Sabroom	7.7	168	2.5	81.65	0	32	24	9.1	1.3	0.28	9.6	5.8	48	17.2	2.6	0.16
West Tripura																
A.D. Nagar	7.9	181.7	4.4	89.69	0	32	42	17.4	3.2	0.28	8	2.5	24	28.6	2.3	0.37
Bagan Bazar	8.3	228.5	4.2	114.3	48	68	22	2.6	2.8	0.5	14.4	8.7	72	19.2	3.4	3.83
Bishalgarh	7.7	579.5	2.7	288.1	0	48	160	11.5	0.9	0.36	16	7.8	72	70.5	17.7	0.09
Champaknagar	7.9	237.6	5.9	117.5	0	96	32	25.6	1.1	0.62	19.2	8.7	84	11.9	4.6	1.63
Dakshin Kalamchera	8.7	869.4	2	432.3	88	160	116	17.4	1.1	0.28	28.8	3.9	56	24.1	106.7	0.31
Gongrai	8.2	510.2	3.7	251.9	16	116	100	6.9	1.2	0.43	17.6	22.3	136	28.9	6.7	10.88
Ishanpur	8.01	235.7	4.7	118.1	0	104	32	6.9	0.6	0.35	16	7.8	72	12.1	8.7	0.8
Kalyanpur	8.3	811.5	3.5	406.5	40	80	219.9	17.6	1.6	0.44	9.6	35	168	89.7	3	0.39
Kathalia Bazar	8.3	370	4.7	183.5	32	44	48	49.9	1.3	0.49	20.8	4.9	72	21.2	30.3	0.35
Kenania	8.1	238.1	5.3	117.8	0	92	26	69.5	1.3	0.54	11.2	8.7	64	15.6	4.5	2.37

Location	pH	EC (µs/cm) 25C	Turbidity (NTU)	TDS	CO3-2	HCO3-1	Cl-	SO4-2	NO3-1	F-	Ca+2 (as Ca)	Mg+2 (as Mg)	TH (as CaCO3)	Na	K	Fe
Khowai	8.1	224	4.6	111.4	0	128	18	8.4	1.3	0.49	19.2	9.7	88	14.6	2.9	3.22
Mohanpur	8.1	335.4	4.5	167.4	0	32	98	16	0.7	0.32	8	1.9	28	43.2	10	0.28
Nath Para	7.04	463.8	3.3	226.6	0	108	42	2.4	2.2	0.54	20.8	21.4	140	12.5	15.7	2.61
Paschim Hawaibari	8.04	359.2	4.8	180.5	0	48	102	12.1	3.5	0.32	14.4	7.8	68	35.9	19.3	0.66
Radha Kishore Nagar	8.2	326.1	4.1	164.5	32	128	30	2.4	1.6	0.43	17.6	14.6	104	16.5	12.3	6.58
Simna	7.8	171.3	4.8	85.18	0	48	48	2.7	0.8	0.44	9.6	3.5	28	18.8	3.7	0.3
Sonamura	7.9	204.8	3.8	102.5	0	100	30	38	0.8	0.43	12.8	6.8	60	14.9	4.2	2.69
Subalsingh	7.9	330.7	5.1	165.7	0	64	50	21.4	2.7	0.33	24	8.7	96	17.8	4.8	0.97
Tufaniamura	8.4	595.3	3.7	298.7	80	84	88	18.9	1.2	0.42	30.4	8.7	112	35.5	92.9	0.65
Tuimadu	8.1	301.2	5.6	150.5	0	92	32	27.5	1.9	0.59	19.2	4.9	68	21.3	4	0.81

Annexure - XXIII

Arsenic Data, 2015-16 (Analysed by National Test House, Kolkata)

Sl. No	District	Location	Arsenic as As (mg/L)
	Arunachal pradesh		
1	Papumpare	Banderdewa I	0.001
2	Papumpare	Kimin	0.001
3	Papumpare	Nirjuli VillII A	0.003
4	Papumpare	Nirjuli VillII B	0.0002
5	Papumpare	Itanagar I	0.0003
6	Papumpare	Itanagar II	0.0004
7	Papumpare	Naharlagun I	0.0001
8	Lower subansiri	Bomte	0.0001
9	Lower subansiri	Kalaputkar	0.0002
10	Eastsiang	Ruksin	0.001
11	Eastsiang	Sika Baman Todee	0.0001
12	Eastsiang	Pasighat New	0.0001
13	Eastsiang	Pasighat II	0.0001
14	Eastsiang	Banskata, Pasighat	0.0002
15	Changlang	Jairampur	0
16	Changlang	Namphai	0
17	Changlang	Newlisan Kharsang	0
18	Lohit	Lathow	0
19	Tirap	Borduria	0
20	Tirap	Deomali	0
21	Tirap	Hukanjuri	0
	Assam		
22	Kamrup	Wireless	0
23	Kamrup	Hengrabari FG	0.0003
24	Kamrup	krishnagar	0
25	Kamrup	West Krishna Nagar	0
26	Kamrup	Zoo Narengi Road HS (GWMS)	0
27	Kamrup	Choonsali, Madhabpur	0
28	Kamrup	Narangi	0
29	Kamrup	Ganesh Mandir, Narengi	0
30	Kamrup	Patherquery	0.0001
31	Kamrup	Panjabari	0.003
32	Kamrup	Dte of Agri	0.0001
33	Kamrup	AAU, Khanapara	0
34	Kamrup	Khanapara PP	0.0001

Sl. No	District	Location	Arsenic as As (mg/L)
35	Kamrup	Lakshmi Mandir	0.001
36	Kamrup	Khanapara Sc. Museum (GWMS)	0.0001
37	Kamrup	Gurdwara, Beltola	0
38	Kamrup	Bakarapara	0
39	Kamrup	Basitha FG	0.0001
40	Kamrup	Lalmati New	0.0001
41	Kamrup	Lakhra Chariali	0.001
42	Kamrup	Survey Odalbakra	0.0001
43	Kamrup	Adagudam	0.0002
44	Kamrup	Lalganesh Chariali	0
45	Kamrup	Odalbakra	0.0024
46	Kamrup	Kahilipara (GWMS)	0
47	Kamrup	GMC	0.004
48	Kamrup	kacharibastiChristian	0.001
49	Kamrup	Garigaon	0.0001
50	Kamrup	Lankeshwar	0.0001
51	Kamrup	Azara PHC (GWMS)	0
52	Kamrup	Patgaon	0.0004
53	Kamrup	Bhellaguri	0
54	Kamrup	AAU, Kahikutchi	0
55	Kamrup	Maligaon (GWMS)	0
56	Kamrup	Vishwakarma Temple	0.0002
57	Kamrup	MMC Hospital Panbazar	0.001
58	Kamrup	Panbazar Circuit House	0.001
59	Kamrup	Ashwaklanta Temple	0.0002
60	Kamrup	Boragaon (GWMS)	0.001
61	Kamrup	Dirgheshwari (GWMS)	0
62	Kamrup	Lachitpur	0
63	Kamrup	Mairapatti	0.001
64	Kamrup	Paltan bazar (GWMS)	0.001
65	Kamrup	Avayapuri	0.0001
66	Golaghat	Golaghat	0.01
67	Golaghat	Kamargaon	0.001
68	Golaghat	Oating	0.001
69	Golaghat	Garampani	0.0001
70	Golaghat	Gandhibari Namghar	0.001
71	Golaghat	Bongaon,NH37	0.0004
72	Golaghat	Bokakhat	0.0002
73	Jorhat	Tipamia	0.1467

Sl. No	District	Location	Arsenic as As (mg/L)
74	Jorhat	Dabarapara Charali	0.002
75	Jorhat	Kokilamukh	0.002
76	Jorhat	Mariani	0.0004
77	Jorhat	Titabor	0.001
78	Jorhat	Cinemora	0.001
79	Jorhat	Kolakhowa	0.019
80	Jorhat	Lichubari	0.0004
81	Jorhat	Sodial Kachari Gaon	0.002
82	Jorhat	Chandan Nagar	0
83	Jorhat	Meleng Kaparadharia	0
84	Jorhat	Dahotia	0.001
85	Nagaon	Bagori	0.0004
86	Nagaon	Phulaguri	0.0001
87	Nagaon	Kaziranga Tourist Vill.	0
88	Sibsagar	Bandarmari	0.015
89	Sibsagar	Betmari Almore	0
90	Sibsagar	Demow Sukan	0
91	Sibsagar	N Demowsukan	0.0001
92	Sibsagar	Moranhat	0
93	Sibsagar	Sapekhati	0.024
94	Sibsagar	Sibsagar	0
95	Karbianglong	Dillai	0
96	Karbianglong	Diphu	0
97	Karbianglong	Balipathar	0
98	Karbianglong	Deopani	0
99	Karbianglong	Hidipi	0.0004
100	Karbianglong	Khatkhati	0
101	Karbianglong	Manja	0.0001
102	Karbianglong	Silanijan	0
103	Karbianglong	Terangaon	0
104	Karbianglong	Bokoliaghat	0.001
105	Karbianglong	Dishobai	0.001
106	Karbianglong	Phonglangso	0
107	Karbianglong	Mohendijua	0.002
108	Karbianglong	Manja (Hotel)	0.001
109	Karbianglong	Bokajan I	0.003
110	Karbianglong	Bokajan II	0.001
111	Karbianglong	Saphapani	0.002
112	Nagaon	Shantipur	0.0004

Sl. No	District	Location	Arsenic as As (mg/L)
113	Nagaon	Bijay Nagar	0.01
114	Karbianglong	Rangaihabi	0.001
115	Karbianglong	Konwara pukuri	0.008
116	Dhemaji	Dhemaji	0.0004
117	Dhemaji	Moridhol	0.001
118	Dhemaji	Sisiborgaon	0.001
119	Dhemaji	Bhagaban charali	0.0002
120	Dhemaji	Dekapam	0.004
121	Dhemaji	Telem	0.0003
122	Dhemaji	Bijoypur	0.0002
123	Dhemaji	Jonai Murkongselek	0.0003
124	Dhemaji	Bordoloni	0.001
125	Lakhimpur	Bhogpur Charali	0.015
126	Lakhimpur	Madhupur	0.002
127	Lakhimpur	Bihpuria	0.002
128	Lakhimpur	Amguri	0.001
129	Lakhimpur	Laluk	0.0004
130	Lakhimpur	Dejoo	0.0002
131	Lakhimpur	Panigaon	0.001
132	Lakhimpur	Harmoti	0.0004
133	Lakhimpur	Pathalipam II	0.0003
134	Lakhimpur	Milanpur	0.001
135	Lakhimpur	Tariyani Rajgarh	0.001
136	Lakhimpur	Borbil tariyani Ahom Gaon	0.001
137	Lakhimpur	Mori Dirgha	0.037
138	Lakhimpur	Siajuli	0.001
139	Lakhimpur	Dirgha	0.0004
140	Lakhimpur	Dirgha Naharbari Forest Camp	0.001
141	Lakhimpur	Sinatoli	0.001
142	Lakhimpur	Janambasti	0.001
143	Lakhimpur	Koilamari	0.0001
144	Lakhimpur	Jonakpur	0.004
145	Sonitpur	Dhekiajuli	0.0002
146	Sonitpur	Thelamara	0
147	Sonitpur	Tezpur	0
148	Sonitpur	Garumari	0.001
149	Sonitpur	Balipara	0.0003
150	Sonitpur	Charduar	0
151	Sonitpur	18th Mile	0

Sl. No	District	Location	Arsenic as As (mg/L)
152	Sonitpur	Tupia	0.0004
153	Sonitpur	Jamuguri North	0.002
154	Sonitpur	Sootia	0.0002
155	Sonitpur	Biswanath	0
156	Sonitpur	Bihupukhuri	0
157	Sonitpur	Buroighat	0
158	Sonitpur	Helem	0.001
159	Sonitpur	Gohpur New	0.014
160	Sonitpur	Kolabari	0.003
161	Barpeta	Bhawanipur	0.006
162	Barpeta	Sorbhog	0.001
163	Barpeta	Dhupguri (Galia)	0.0003
164	Barpeta	Daulasal	0.002
165	Bongaigaon	Baitamari	0.001
166	Bongaigaon	Bongaigaon New	0.0004
167	Bongaigaon	Chalantapara	0.0003
168	Bongaigaon	Chaprakata New	0.001
169	Bongaigaon	Manikpur	0.002
170	Bongaigaon	Medhipara Deo	0
171	Bongaigaon	Chaprakata (Dankinamari)	0
172	Bongaigaon	Majgaon	0
173	Bongaigaon	Gerukabari	0
174	Bongaigaon	Bongaigaon	0
175	Dhubri	Bagaribari	0
176	Dhubri	Chapar	0
177	Dhubri	Dhubri Town	0.002
178	Dhubri	Panbari	0
179	Dhubri	Shapamari Beat	0
180	Dhubri	Balajan	0.004
181	Kokrajhar	Garubassa	0.0001
182	Kokrajhar	Kokrajhar	0
183	Kokrajhar	Sidli	0.001
184	Darrang	Dalgaon	0.002
185	Darrang	GelabilThelamara	0.0001
186	Darrang	Kalaigaon	0.001
187	Darrang	Madhupur	0.001
188	Darrang	MangaldoiII	0.0004
189	Darrang	Orang	0.0002
190	Darrang	Rowta chariali	0.0001

Sl. No	District	Location	Arsenic as As (mg/L)
191	Darrang	Thekerabari.1	0
192	Darrang	Udalguri	0.0001
193	Darrang	Goroibari	0.001
194	Kamrup	Agyathuri	0.0001
195	Kamrup	Darkuchi	0.0002
196	Kamrup	Sualkuchi	0
197	Kamrup	Abhaipur	0
198	Kamrup	Amingaon	0.004
199	Kamrup	Dora Kahara	0.0001
200	Kamrup	Charani	0.001
201	Nalbari	Tamulpur	0.019
202	Nalbari	Tihu	0.0004
203	Baksa	Jhargaon	0
204	Kamrup	Khetri	0
205	Kamrup	Sonapur	0
206	Kamrup	Topatoli	0.0004
207	Kamrup	Topatoli N	0.001
208	Kamrup	Samanta Pathar	0.0003
209	Kamrup	Kachkatchi	0.0001
210	Kamrup	Bamfor	0.0002
211	Kamrup	Khetri II	0.0001
212	Kamrup	Sonapur II	0
213	Kamrup	Umsiang	0
214	Karbianglong	Boithalangsu	0
215	Karbianglong	Bokulia	0.0001
216	Karbianglong	Dengaon	0.0001
217	Karbianglong	Dentaghat	0.003
218	Karbianglong	Donkamokam	0
219	Karbianglong	Habranrangapar	0.001
220	Karbianglong	Hawaipur	0
221	Karbianglong	Kalonga	0
222	Karbianglong	Kheronighat	0.0001
223	Karbianglong	Manikpur	0
224	Karbianglong	Phuloni	0
225	Karbianglong	Swarghati	0.008
226	Karbianglong	Langhing	0
227	Morigaon	Baghara	0.002
228	Morigaon	Garmari Gaon	0.007
229	Morigaon	Jagiroad	0

Sl. No	District	Location	Arsenic as As (mg/L)
230	Morigaon	Morigaon	0.002
231	Morigaon	Nasatra	0.001
232	Morigaon	Deosal	0
233	Morigaon	Silsang Namghar	0.0004
234	Morigaon	Baropujia	0.001
235	Morigaon	Kumoi	0.0004
236	Morigaon	Pamibahua	0
237	Morigaon	Shugumbari	0.004
238	Morigaon	Daponibari	0.0001
239	Morigaon	Basanaghat	0
240	Morigaon	Jagi Bhagatgaon	0
241	Morigaon	Solmari	0
242	Morigaon	Charibahi	0.001
243	Morigaon	Barukati	0.005
244	Morigaon	Pabbarbhagia	0.0002
245	Nagaon	Amsoi	0
246	Nagaon	Bamuni Tinali	0.003
247	Nagaon	Beldonga Mandir	0
248	Nagaon	Bichamari	0.016
249	Nagaon	Borchukhaba	0
250	Nagaon	Bordowa	0.002
251	Nagaon	Dhing	0.0003
252	Nagaon	Doboka	0.0004
253	Nagaon	Haldiati Sub Bt	0
254	Nagaon	Jurapukhuri	0.001
255	Nagaon	Kathiatoli	0.001
256	Nagaon	Kondali	0
257	Nagaon	Langteng TE	0.003
258	Nagaon	Lanka	0.0001
259	Nagaon	Lumding	0.001
260	Nagaon	Nadeorigaon	0.003
261	Nagaon	Samuguri	0.001
262	Nagaon	Silghat	0.001
263	Nagaon	Sulung P O	0.001
264	Nagaon	Zebra Khua	0.0003
265	Nagaon	Gomotha	0.055
266	Nagaon	Hatibatha	0.004
267	Nagaon	Pahukata	0.001
268	Nagaon	Natali	0.001

Sl. No	District	Location	Arsenic as As (mg/L)
269	Nagaon	Dalapani	0.001
270	Nagaon	Phulaguri	0.001
271	Nagaon	Dakhinpath	0.006
272	Nagaon	Ghasibasti	0.011
273	Kamrup	Shiv Mandir	0
274	Kamrup	Sonapur I	0
275	Morigaon	Bhakabari	0.004
276	Nagaon	dewdhar	0.007
277	Nagaon	Batardawa Namghar	0
278	Nagaon	Balijuri (Kajiranga)Gaon	0
279	Nagaon	Ranjangahati	0.002
280	Kamrup	Rani	0.0001
281	Kamrup	Rani	0
282	Kamrup	Mirza	0
283	Kamrup	Bamunigaon	0
284	Kamrup	Boko	0.002
285	Kamrup	Rajapara	0.004
286	Goalpara	Dudhnai	0
287	Goalpara	Salpara	0
288	Goalpara	Dudhnoi II	0
289	Goalpara	Damra	0.0003
290	Goalpara	Bhalukdubi (Goalpara)	0.0002
291	Goalpara	Matia	0.0002
292	Goalpara	Teuli	0
293	Goalpara	Dwarka	0.0001
294	Goalpara	Krishnai New	0
295	Goalpara	Pattapara	0.001
296	Dibrugarh	Azarguri Gaon	0
297	Dibrugarh	Barbaruah	0.0001
298	Dibrugarh	Chabua	0.0002
299	Dibrugarh	Dikom	0.0001
300	Dibrugarh	Lepetkata	0.0002
301	Tinsukia	Digboi	0
302	Tinsukia	Jagun	0.001
303	Tinsukia	Jaipur Naharjan	0.001
304	Tinsukia	Lekhapani	0.001
305	Tinsukia	Panitola	0.0002
306	Tinsukia	Tinsukia	0.0001
307	Tinsukia	Tirap Gate	0.001

Sl. No	District	Location	Arsenic as As (mg/L)
308	Tinsukia	Tipong	0
309	Tinsukia	Borgolai	0
310	Tinsukia	Kumsang Selenguri	0.0002
311	Cachar	Badribasti	0.0001
312	Cachar	Borjalinga	0.001
313	Cachar	Digharkhal	0.0001
314	Cachar	Kalain	0.001
315	Cachar	Moinarbond	0.065
316	Cachar	Poilapul	0.001
317	Cachar	Razabazar	0.001
318	Cachar	Masimpur	0.001
319	Cachar	Hilara	0.0001
320	Cachar	Katigora	0.0003
321	Cachar	Dargakona	0.001
322	Cachar	Kashipur	0.001
323	Cachar	Tarapur	0.0001
324	Cachar	Borkhola	0
325	Cachar	Gosaipur partII	0.005
326	Cachar	Atalbasti	0
327	Cachar	Fulertol	0.0002
328	Cachar	Silcoorie	0.0001
329	Cachar	Nagdirgram	0.002
330	Hailakandi	Katlicherra New	0.002
331	Hailakandi	Monachera	0
332	Cachar	Shivtila	0
333	Hailakandi	Burakhai	0
334	Karimganj	Badarpur	0
335	Karimganj	Dhaulia	0.001
336	Karimganj	Hatikira	0.001
337	Karimganj	R K NagarI	0
338	Karimganj	Sarkaribari	0.0001
339	Karimganj	Patharkandi	0.001
340	Karimganj	Karmganj	0.0001
	Meghalaya		
341	Eastkhasihill	Balat	0.0002
342	Eastkhasihill	Cherrapunji	0.0001
343	Eastkhasihill	Shillong Golf Links	0
344	Eastkhasihill	Shillong Dhankheti	0.004
345	Eastkhasihill	Lr.Lachaumiere	0.0001

Sl. No	District	Location	Arsenic as As (mg/L)
346	Eastkhasihill	Rynjah	0.0002
347	Eastkhasihill	Mawpat	0.0002
348	Eastkhasihill	Nongmynsong	0.0001
349	Jaintiahills	Dauki	0.0002
350	Jaintiahills	Jowai New	0.0001
351	Ribhoi	Nayabunglow	0.0002
352	Westkhasihill	Mairang	0.0001
353	Eastgarohills	Dainadubi	0
354	Eastgarohills	Depa Sarangma	0
355	Eastgarohills	Rongmil	0
356	Eastgarohills	Kharkutta	0
357	Eastgarohills	Rongjeng	0.0002
358	Eastgarohills	Darugiri	0
359	Eastgarohills	Dobu	0
360	Eastgarohills	Dobetkolgiri	0.0001
361	Eastgarohills	Williamnagar	0.0001
362	Eastgarohills	Baiza Rongreng	0
363	Eastgarohills	Samanda Megapagre	0
364	Eastgarohills	Songsak	0
365	Eastgarohills	Narringirri Chakodilsu	0
366	Eastgarohills	Narringirri	0
367	Eastgarohills	Mendipathar	0.0001
368	Westgarohills	Belguri	0
369	Westgarohills	Phutamati	0
370	Westgarohills	Nidanpur II	0.0002
371	Westgarohills	Phulbari	0
372	Westgarohills	Kherapara	0
373	Westgarohills	Barengapara II	0
374	Westgarohills	Rongram	0
375	Westgarohills	Asanang	0
376	Westgarohills	Baljek	0.0001
377	Eastgarohills	Bajengdoba New	0.0002
378	Westgarohills	Purkhasia	0
379	Ri-bhoi	Bhrynihat	0
	Tripura		
380	Dhalai	Abhanga	0
381	Northtripura	Baghbassa	0
382	Northtripura	Panisagar	0
383	Northtripura	Dharmanagar	0.0002

Sl. No	District	Location	Arsenic as As (mg/L)
384	Northtripura	Gauranagar	0.0002
385	Northtripura	Kumarghat	0
386	Northtripura	Pecharthal	0.001
387	Northtripura	Rajnagar	0
388	Northtripura	Kanchanchhera	0
389	Northtripura	Laljuri	0.0002
390	Northtripura	Karaicherra	0.004
391	Northtripura	Kanchanpur	0.0001
392	Dhalai	Darlongbasti	0.0004
393	Dhalai	Manu	0
394	Northtripura	Panchamnagar	0.0003
395	Northtripura	Satnala	0
396	Dhalai	Durga Chamuhani	0.0001
397	Southtripura	Manurmukh	0
398	Southtripura	DhawajnagarUdaipur	0
399	Southtripura	Gorjee Bazar	0
400	Southtripura	Harshumukh	0
401	Southtripura	Subroom	0
402	Southtripura	Noabari	0
403	Southtripura	Amarpur	0
404	Southtripura	Jhajhari	0.0004
405	Southtripura	Manu Bazar	0.001
406	Southtripura	Kalachhara	0.001
407	Southtripura	Gardhang	0.001
408	Southtripura	Kankraban	0.0002
409	Southtripura	Radhanagar	0
410	Westtripura	Bishalgarh	0
411	Westtripura	Dakshin Kalamcherra	0.0002
412	Westtripura	Gongrai	0
413	Westtripura	Kathalia Bazar	0
414	Westtripura	Kenania	0
415	Southtripura	Bampur	0.001
416	Southtripura	Ampi colony	0.0001
417	Westtripura	Champaknagar	0.0004
418	Westtripura	Khowai	0.001
419	Westtripura	Mohanpur	0
420	Westtripura	Simna	0
421	Westtripura	Sonamura	0.0001
422	Westtripura	Ishanpur	0.001

Sl. No	District	Location	Arsenic as As (mg/L)
423	Westtripura	Subalsingh	0
424	Westtripura	Bagan Bazar	0.001
425	Westtripura	Pachim Hawaibari	0
426	Westtripura	Tufaniamura	0
427	Westtripura	Kalyanpur	0
428	Westtripura	Tuimadhu	0.0001
429	Dhalai	Kamalpur	0.0001
430	Dhalai	Ambassa	0
431	Southtripura	Paschim Jalefa	0
432	Southtripura	Tuisama	0.0003