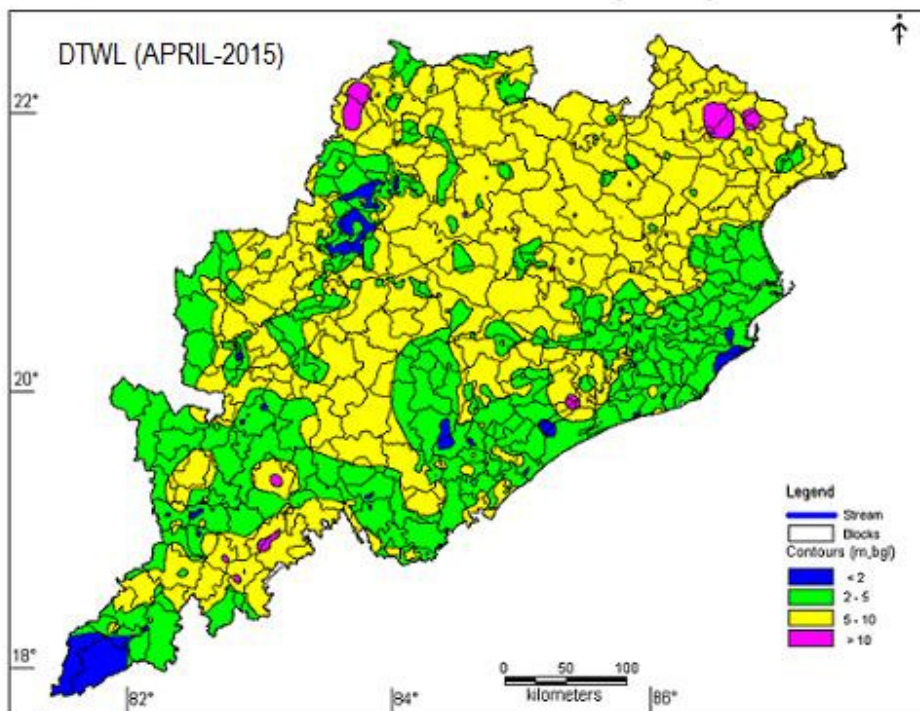


Government of India
CENTRAL GROUND WATER BOARD
Ministry of Water Resources



GROUND WATER YEAR BOOK
2015-2016

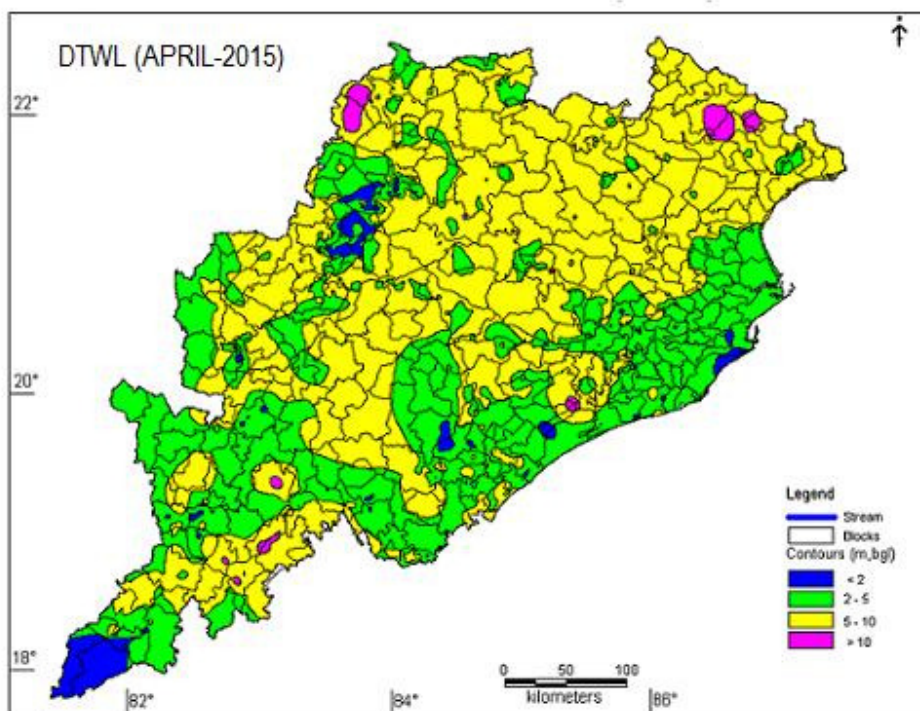


South Eastern Region
Bhubaneswar
September- 2016

Government of India
CENTRAL GROUND WATER BOARD
Ministry of Water Resources



GROUND WATER YEAR BOOK
2015-2016



South Eastern Region
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FOREWORD

Groundwater is a major natural replenishable resource to meet the water requirement for irrigation, domestic and industrial needs. It plays a key role in the agrarian economy of the state. Though richly endowed with various natural resources, the state of Orissa has a long way to go before it can call itself developed. Being heavily dependent on rain fed agriculture; the state is very often exposed to vagaries of monsoon like flood and drought. The importance of groundwater in mitigating the intermittent drought condition of a rain-fed economy cannot be overemphasized.

To monitor the effect caused by indiscriminate use of this precious resource on groundwater regime, Central Ground Water Board, South Eastern Region, Bhubaneswar has established about 1797 National Hydrograph Network Stations (NHNS) (open / dug wells) and 98 purpose built piezometres under Hydrology Project in the state of Orissa. The water levels are being monitored four times a year. Besides, to study the change in chemical quality of groundwater in time and space, the water samples from these NHNS are being collected once a year (Pre-monsoon) and analysed in the Water Quality Laboratory of the Region. The data of both water level and chemical analysis are being stored in computers using industry standard Relational Database Management System (RDBMS) like Oracle and MS SQL Server. This is very essential for easy retrieval and long-term sustainability of data.

Dissemination of technical information in a way that is very useful to the user agencies is an important aspect that plays a vital role in the safe and optimal development of groundwater resources of our country. As an effort in this direction, Central Ground Water Board is bringing out "Groundwater Year Book" each year. The present report contains the observations and results of water levels in the state of Orissa for the year 2015 (April) - 2016 (January). It is sincerely hoped that this report will be immensely useful to various user agencies, Engineers, Scientists, Administrators, Planners and others involved in groundwater planning, development and management.

The present compilation is outcome of commendable efforts put in by **Shri P. K. Mohapatra, Scientist 'D', Smt. Sandhya Mohapatra Scientist-D, Shri. B.B. Sahoo, Scientist-D (Chem), and Shri. B.N. Dehury, Scientist-B**. The maps included in the reports have been computer generated by them using sophisticated GIS software like MapInfo Professional and dedicated software GEMS. Officers of the Region have collected the monitoring data presented in the reports. Their efforts are also thankfully acknowledged.

Bhubaneswar

**(D.P. PATI)
REGIONAL DIRECTOR**

EXECUTIVE SUMMARY

The State of Orissa spreading over an area of 1,55,707 sq. Km is bounded between North latitude 17⁰49' to 22⁰34' and East longitude 81⁰24' to 87⁰29'. Success of agricultural operations and consequent economy of the state are related to the availability of water and its optimal utilization.

The average annual rainfall of the state is 1502.5mm. Nearly 86% of the annual rainfall is contributed by the southwest monsoon. From the departure data it is discerned that from 1980 to 2014, negative departures is seen in most of the years. During 2006 there was more rainfall than the normal in all most all the districts.

The state is underlain by diversified rock types which range in age from Precambrian to the Cenozoic age. The Precambrians occupy nearly 80% of the total geological area of the state.

A total number of 1797 Hydrograph Network Stations have so far been established and are being monitored in the state. Besides this 98 piezometers have been constructed under World Bank aided Hydrology Project and are being monitored manually.

During April 2015, the water level (meter below ground level) in the state varies from minimum of 0.30 magl in Cuttack district to a maximum of 14.5 mbgl in Nabaragnpur district and water levels mostly range from 2 to 10 mbgl. Some wells in the hilly districts recorded water level in 10-20 m range.

During August 2015, the depth to water level ranges from 0.05 to 12.9 mbgl and in majority (54%) of NHS wells level was in the range of 0-2 m below ground level and 38.5% of wells in 2-5 m below ground level.

During November 2015, the depth to water level ranges from 0.19 to 14.1 mbgl and in majority (62%) of NHS wells level was in the range of 2-5 m below ground level and 22% of wells in 0-2 m below ground level. . In general the water level in the state during November 2015 monitoring is found in the range of 0-2 m bgl especially in the coastal stretch and in parts of the hilly terrain, whereas 2-5 m bgl water level is found in the coastal and hard rock terrain.

During January 2016, that the depth to water level in majority (60.4%) of NHS wells was level in the range of 2-5 m below ground level and 25.2 % of wells in 5-10 m below ground level. In general the water level in the state during January 2016

monitoring is found in the range of 2-5 m bgl especially in the coastal stretch and in parts of the hilly terrain, whereas 0-2 m bgl water level is found in the coastal and command areas in the state.

The comparison of April 2015 water level with that of the decadal mean of the corresponding period shows that 9.2%, 0.5% and 0.2% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 49.5%, 36.7% and 3.9% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of August 2015 water level with that of the decadal mean of the corresponding period shows that 64.1%, 19.7% and 1.4% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 13.0%, 1.7% and 0.1% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of November 2015 water level with that of the decadal mean of the corresponding period shows that 47%, 4.3% and 0.2 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 44.4%, 3.7 % and 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of January 2016 water level with that of the decadal mean of the corresponding period shows that 25.9 %, 1.2% and 0 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 64.4%, 8.0% and 0.4% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of April 2015 water level with that of the same period of the previous year shows that 35.3%, 1.4% and 0.6% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 56.9%, 0.3%, 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of August 2015 water level with that of the same period of the previous year shows 30%, 13%, 0.1% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 57.7%, 0.8% recorded fall in water level in the range of 0-2, 2-4 respectively and 0.1% recorded more than 4m.

The comparison of November 2015 water level with that of the same period of the previous year shows that 15.4%, 0.3%, 0% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 73.6%, 8%, 0.1% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of January 2016 water level with that of the same period of the previous year shows that 23.3%, 1.2%, 0.2% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 69.3%, 3.9%, 0.8% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of August 2015 water level with that of April 2015 shows that 31.3%, 41.8%, 24.1 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly only 2.2% , 0.2% and 0.1% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of November 2015 water level with that of April 2015 shows that 52.7%, 31.3%, 7.1 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly only 7.5%, 0.5% and 0.2% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of January 2016 water level with that of April 2015 shows that 60.3%, 18%, 1.7% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly 17.8%, 0.9% and 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The shallow aquifers of inland zone of the state are mostly fresh and dominated by Ca-Mg-HCO₃ and mixed types of water. In the coastal plain where most of the wells are located in alluvium, the water is relatively saline. The shallow aquifers of the coastal plain are of NaHCO₃ type with some isolated patches of NaCl and Ca-Mg-HCO₃ types, which may be due to Base Exchange process and also due to the vicinity of the sea. These aquifers, at places, are of high Electrical Conductivity and high Chloride, Nitrate, and Fluoride content. In the coastal districts the Electrical Conductivity concentration ranges from 43 to 4240 μ S/cm.

CENTRAL GROUND WATER BOARD
SOUTH EASTERN REGION

GROUND WATER YEAR BOOK 2015-2016

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GROUND WATER YEAR BOOK OF ORISSA **2015– 2016**

1.0 INTRODUCTION

The State of Orissa with a geographical area of 1,55,707 sq. km is bounded between North latitudes 17° 49' and 22° 34' and East longitudes 81° 24' and 87° 29'. The State comprises of 3 revenue divisions, 30 districts, 58 subdivisions and 314 community development blocks. The state's population largely depends on agriculture. Success of agricultural operations and the consequent agrarian economy of the state are dependent on the availability of water and its optimal utilization. The total population of the state as per 2011 census is 419.73 lakhs, out of which the rural population is 349.70 lakhs and the urban population is 70.03 lakhs. The rural population is almost dependent on agriculture for their livelihood and the agriculture on availability of water. A consistent ground water database is inevitable for planning of judicious and optimal utilization of ground water through an efficient resource management system for which the prerequisite is a reliable monitoring system.

Keeping this perspective in view, Central Ground Water Board carries out the ground water monitoring through a network of observation wells - the National Hydrograph Network Stations. The National Hydrograph stations set-up is a system of spatially distributed observation points for ground water regime monitoring at which periodic monitoring is carried out viz. recording of water levels, temperature and collection of water samples for chemical quality analysis for building a robust database to cater to multitude of needs for ground water management.

Groundwater monitoring data so collected forms an important input for water management. One of the main objectives is the prediction of future conditions or future scenarios, based on background samples of historical data, which may consist of repeated measurements from a single monitoring well. Also the monitoring is being carried out with a view to observe the rise or fall of the ground water levels and change in quality of water with changing stress conditions.

The studies include periodic measurement of water levels, temperature, and collection of water samples for determination of chemical constituents. Apart from evaluation of groundwater resources from time to time for developmental planning, this also helps in forecasting groundwater regime behaviour with progressive development of groundwater or effects of other recharge or discharge conditions, which helps in adopting remedial measures when necessitated. For achieving these objectives 1797 nos. of observation wells have so far been established all over the state by CGWB, to serve as permanent Hydrograph Network Stations for the

purpose of monitoring of groundwater regime. In selecting hydrograph stations due consideration has been given to the hydrogeological, hydrochemical aspects and their location in river Basin/ Sub basin/ Water shed etc.

To strengthen the water level monitoring network and to avoid the possibility of dug wells used as NHS being filled up due to extraneous activities, some purpose built piezometer have been constructed by the Central Ground Water Board under its normal activities as well as under World Bank Aided Hydrology Project. In course of time it is proposed to replace all the dug wells used as observation wells with piezometers for better monitoring.

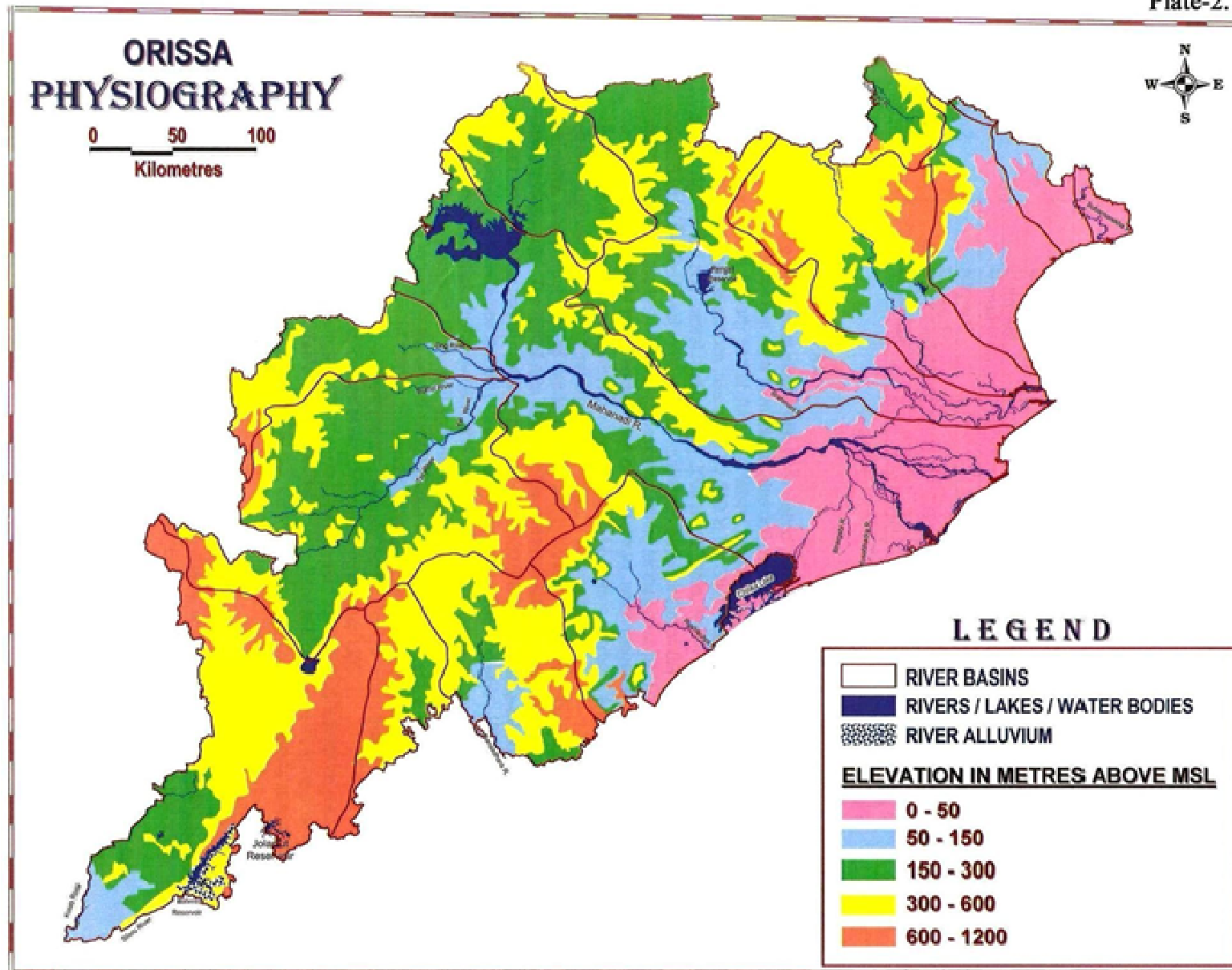
2.0 PHYSIOGRAPHIC FEATURES

The State presents varied and picturesque landforms. The Southern and Central parts of the State in Rayagada, Kalahandi, Phulbani and Gajapati districts present a rugged hilly tract. Plateau occupies the Northern districts of Sundergarh, Keonjhar and Mayurbhanj and parts of Nawarangpur district in the Southwest. Undulating plains characterizes the major river valleys. A narrow coastal plain borders the Bay of Bengal.

Physiographically the state can be divided into five distinct units, namely (i) Coastal plains, (ii) Northern uplands, (iii) The erosional plains of Mahanadi and other river valleys (iv) South Western hilly region and (v) Subdued plateaus. Physiography of the state has been presented in **Plate:-2.1**

The coastal plains covering parts of Ganjam, Puri, Cuttack and Balasore districts from south to north form an extensive flat alluvial tract between the hills in the west and the coast in the east. It presents a flat topography gently sloping towards east with insignificant elevation difference. The general elevation of coastal plains varies from 1 to 10m above mean sea level (amsl).

Northern uplands covering Mayurbhanj, Keonjhar and Sundergarh districts and Pallahara subdivision of Dhenkanal district are undulating, frequently intersected by hill ranges with general slope from north to south. The elevation in the central part of the upland generally varies between 300 to 600 m and forms watersheds of Baitarani and Brahmani river systems. The erosional plains of Mahanadi river basin lie between the northern uplands and southern hilly region of the Eastern Ghats. The tract covers major parts of undivided districts of Sambalpur, Bolangir, Dhenkanal and northern parts of Phulbani (Khandamal) and Western part of Puri districts. The altitude of this tract lies between 150 to 300 m above mean sea level (amsl).



Southwestern hilly region lies to the south and southwest of Mahanadi valley region stretching through Phulbani, Ganjam districts and part of Koraput district. Major part of this region has an elevation over 600m, acting as the watershed of the two sets of rivers, one set flowing directly to the Bay of Bengal, namely Rushikulya, Nagavali and Vamsadhara and the others feeding the Godavari and Mahanadi river systems.

The plateaus extend throughout the western parts of Kalahandi, Nawapara, Koraput, Malkangiri, Rayagada and Nawarangpur districts with an average elevation varying from 300 to 600m above mean sea level (amsl).

3.0 DRAINAGE

There are eleven principal rivers traversing the entire state that can be grouped under eight major river basins within the state, whereas the Indravati, Kolab, Machkund sub-basins in the south forms part of Godavari river basin. Most of the major rivers flow in easterly and southeasterly direction with gentle gradient. Generally the rivers are effluent in nature. In general the drainage pattern is of both dendritic and radial types. The salient features of the major river basins are given in **table 3.1**. The major rivers are shown in **Plate 2.1**.

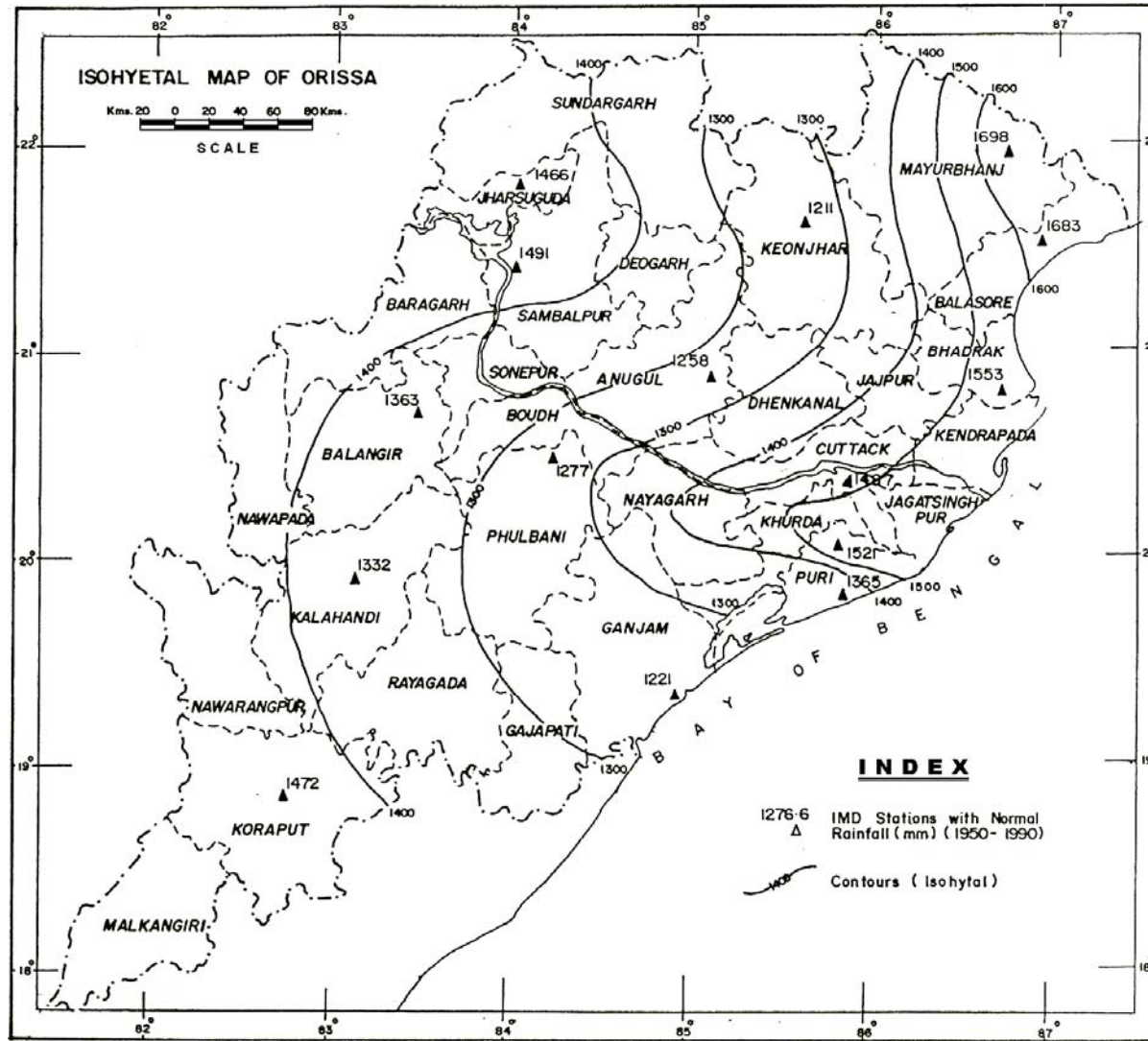
TABLE 3.1

River	Drainage Area In Sq.Km	Annual Flow In Mm ³
Mahanadi	65,579	51,061
Brahmani	22,248	18,311
Baitarani	12,789	5,452
Subarnarekha	2,123	7,941
Budhabalang	4,847	637
Rusikulya	7,753	1,762
Vamsadhara	8,015	3,460
Nagavali	3,746	2,430
Indravati	7,512	2,800
Kolab	7,639	2,615
Machkund	1,478	4,044

4.0 CLIMATE AND RAINFALL

The state enjoys a sub-tropical climate with three distinct seasons i.e. summer, monsoon and winter. The southwest monsoon rain starts from mid of June and continues till mid of October. Summer season extends from March to early part of June and winter season spreads from November to February.

Plate :- 4.1



RAINFALL DATA OF IMD FOR LAST 10 YEARS (IMD DATA)

Table- 4.1

YEARS	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
DISTRICT										
ANGUL	1783.4	1380.2	1235.1	1547.8	1342.6	983.1	1322.6	1385.5	1684.6	990.3
BALASORE	2105	1764.8	2228.3	1795.4	1486.9	1412.7	1535.9	1129.6	2189.9	1706.6
BARAGARH	-	-	1358.6	1375.6	1428.6	1153.8	1295.3	1471	1022.4	1612.6
BHADRAK	-	-	1404.4	1681.5	1756.8	1247.4	1395.1	1041.3	1576.3	738.6
BOLANGIR	113.99	1615.7	1245.2	1790	1306.9	1219.1	1208.4	1129.9	1307.3	1463.7
BOUDH	1478.7	1683.1	1387.8	1517.5	1646.3	1091.4	1131.2	1245.6	988.3	391.3
CUTTACK	1974	1864.1	1911	1889.7	978.5	1557.7	1465.9	1803.8	1658.6	1718.7
DEOGARH	1217.1	1117	1461.5	1286.7	1494.8	951.8	1303.2	1349.1	1440.8	383.7
DHENKANAL	1852.7	1571.6	1290	1347.4	1876.3	2956.2	1545.6	1524.5	1620	877.0
GAJAPATI	1325.4	1584.4	1361	1280.8	1103.6	1473.5	1226.6	1180.5	1696.4	1117.1
GANJAM	1342.1	1497.5	1284.6	1174.7	1263.7	1557.4	936.9	1301.3	1821.3	2359.5
JAGATSINGHPUR	1835.4	1871.3	1766.3	2004.3	1701.4	1488.9	1113.8	1137.8	1280	912.2
JAJPUR	1531.9	1804.8	1758.5	1688.6	1673.1	1282.7	1683	1185.7	1690.9	1264.3
JHARSUGUDA	1429.2	1333.7	1524.9	1772	1104.8	1068.6	1287.1	1770.5	1283.8	554.0
KALAHANDI	1150.4	2042.6	1752.3	1816.7	738.5	1450.1	1232.4	1295.3	1577.7	1693.7
KENDRAPARA	-	1411	1532.5	1630.9	1700.8	1178.9	1576.1	1115.7	1656	1028.6
KEONJHAR	2128.5	1609.5	1920.4	1761	1676.7	1196.6	1634.6	1377.7	1694.9	1366.3
KHURDA	1264.4	1647.1	1488.2	1557.2	1347	1279.7	2071.4	1216.7	1730.4	1063.9
KORAPUT	1781.8	3035.4	2351.1	1790.5	1516.1	1645.7	1005.5	1565.3	1640.6	1892.7
MALKANGIRI	1474.2	2236.6	1779.6	1124	1316.9	1912.8	874.1	2056.5	1751.9	851.3
MAYURBHANJ	1907.6	1831.6	2026.4	1798	954	1023.4	1607.3	1352.3	2273.9	3154.8
NAWAPARA	1056.5	1712.9	1270.8	1180.9	1425.9	901.4	1141.2	935.6	1446.4	602.2
NAWARANGPUR	-	2385.6	2546.9	2062	1311.6	2305.7	1395.5	1697.2	1974.8	1554.5
NAYAGARH	1720.4	1535.3	1530.9	1805.2	1478.2	1726.7	1197.5	1754.1	2029.4	889.3
PHULBANI	1762.2	2546.7	1810	1778.1	1636.9	-	-	-	1704.3	1488.3
PURI	1470	2011.8	1453.7	1498.6	1550.3	1576	1054	1275.1	1540.6	1324.8
RAYAGADA	1232.3	1833.1	1418.8	1291	1246.8	1451.9	913.5	1227.8	1459.5	1313.6
SAMBALPUR	1563	1571.4	1581.1	1620.6	1195.6	887.4	1473.2	1964.7	1410.7	1283.4
SUNDARGARH	1309.5	1314.9	1651.8	1572.7	1149.1	970.5	1620.3	1518.2	1504.2	908.7
SUVARNAPUR	1299.5	2125.7	1494.3	1565.3	1698.4	933.1	894.7	1438.3	1312.5	1800.3

RAINFALL IN ODISHA

Table :- 4.2

YEAR	NORMAL RAINFALL (mm)	ACTIVE RAINFALL (mm)	DEVIATION FROM NORMAL RAINFALL		NATURAL CALAMITIES
			In (mm)	In Percentage	
1980	1502.5	1321.7	-180.8	-12.03	Flood, Drought
1981	1502.5	1187.4	-315.1	-20.97	Flood, Drought
1982	1502.5	1179.9	-322.6	-21.47	Severe Flood, Drought, cyclone
1983	1502.5	1374.1	-128.4	-8.55	
1984	1502.5	1302.8	-199.7	-13.29	Drought
1985	1502.5	1606.8	104.3	-6.94	Flood
1986	1502.5	1566.1	63.6	4.23	
1987	1502.5	1040.8	-461.7	-30.73	Severe Drought
1988	1502.5	1270.5	-232	-15.44	
1989	1502.5	1283.9	-218.6	-14.55	Flood
1990	1502.5	1865.8	363.3	24.18	
1991	1502.5	1465.7	-36.8	-2.45	Flood and Drought
1992	1502.5	1344.1	-158.4	-10.54	
1993	1502.5	1421.6	-80.9	-5.38	Flood
1994	1502.5	1774.1	271.6	18.08	Flood
1995	1502.5	1726.9	224.4	14.94	Drought
1996	1502.5	1034.4	-468.1	-31.15	
1997	1502.5	1463.3	-39.2	-2.61	
1998	1502.5	1279.8	-222.7	-14.82	
1999	1502.5	1433.8	-68.7	-4.57	
2000	1482.2	1034	-448.2	-31.18	Drought
2001	1482.2	1616	133.8	9.03	
2002	1482.2	1008	-474.2	-31.99	Drought
2003	1482.2	1664	181.8	12.27	
2004	1482.2	1274	-208.2	-14.05	
2005	1482.2	1272	-210.2	-14.18	
2006	1482.2	3203.8	1721.6	116.15	Flood
2007	1482.2	1647.5	165.3	11.15	
2008	1482.2	1604.7	122.5	8.26	
2009	1482.2	1390.06	-92.14	-5.58	
2010	1482.2	1330.85	-151.35	-10.21	
2011	1482.2	1283.64	-198.56	-13.39	
2012	1482.2	1394.71	-87.49	-5.9	
2013	1482.2	1598.94	116.74	7.87	
2014	1482.2	1276.87	-205.32	-13.85	

There are 15 rain gauge stations maintained by IMD in the State. The normal average rainfall of the state is 1482.2 mm . Nearly 86% of the annual rainfall is contributed by the southwest monsoon. The spatial distribution of the rainfall in the State is uneven and erratic. A perusal of the Isohyetal map of the normal rainfall for the period (**Plate –4.1**) shows that the rainfall is highest in the northern part of coastal tract, which ranges from 1520.32 to 1697.87 mm. The rainfall reduces westwards, from 1487.02 to 1211.08 mm in Phulbani, Angul, Keonjhar districts and also southwards to 1221.14 mm around Gopalpur in Ganjam district.

The rainfall ranges from 1331.85 mm to 1491.89 mm in Koraput, Kalahandi, Bolangir, Sambalpur and Sundergarh districts. The IMD rainfall data for nine years (**2005-2014**) has been given in **table 4.1**. From the rainfall departure data, it can be observed that the year 1990, 1995 and 2003 indicate excess rainfall in the major part of the state. **Table 4.2** presents the drought, flood and cyclone years in the state from **1980 to 2014**. A perusal of the table indicates that every alternate year, the state experiences a natural calamity in the way of drought or flood or cyclone. This has created a most unpredictable climate for any agricultural activity in the state.

4.1 TEMPERATURE

The state experiences hot summer with temperatures shooting up to 45°C in the east to 50°C in the west. During winter season mornings and nights are cool. However the mean monthly winter temperature varies from 18°C to 22°C in different parts of the state. The mean monthly summer temperature is 37°C in western parts and 28°C in southern parts. Humidity ranges from 70% to about 100% in the state. During monsoon period the humidity is very high in the eastern parts and during summer it is dry in the western part of the state.

5.0 HYDROGEOLOGICAL CONDITION

Geological setting, climate and topography plays a vital role in occurrence and movement of groundwater. The state is underlain by diverse rock types, which range in age from Precambrian to Cenozoic. The Precambrians occupy nearly 80% of the total geographical area of the state. The Tertiary and the Quaternary formations are restricted mainly to the narrow coastal tracts. The Gondwana group of rocks belonging to Paleozoic and Mesozoic age occur in isolated patches in different parts of the state. These formations occur in Talcher area of Angul district and Ib river valley area of Sambalpur and Sundergarh districts. Hydrogeologically, the state can broadly be divided into 3 distinct geological units. The hydrogeology of the state has been depicted in **Plate 5.1**.

Area with Precambrian Consolidated Formations –

Sundergarh, Keonjhar, Mayurbhanj, Subarnapur, Bolangir, Phulbani, Boudh, Gajapati, Nuapara, Kalahandi and parts of Nayagarh, Khurda, Balasore, Cuttack, Ganjam, Koraput, Kalahandi, Angul, Dhenkanal, Sambalpur and Bargarh districts.

Area with Semi-consolidated Gondwana & Tertiary Formations –

Parts of Sundergarh, Mayurbhanj, Angul, Dhenkanal, Khurda, Sambalpur, Phulbani and Bolangir districts.

Area with Unconsolidated Quaternary Formations –

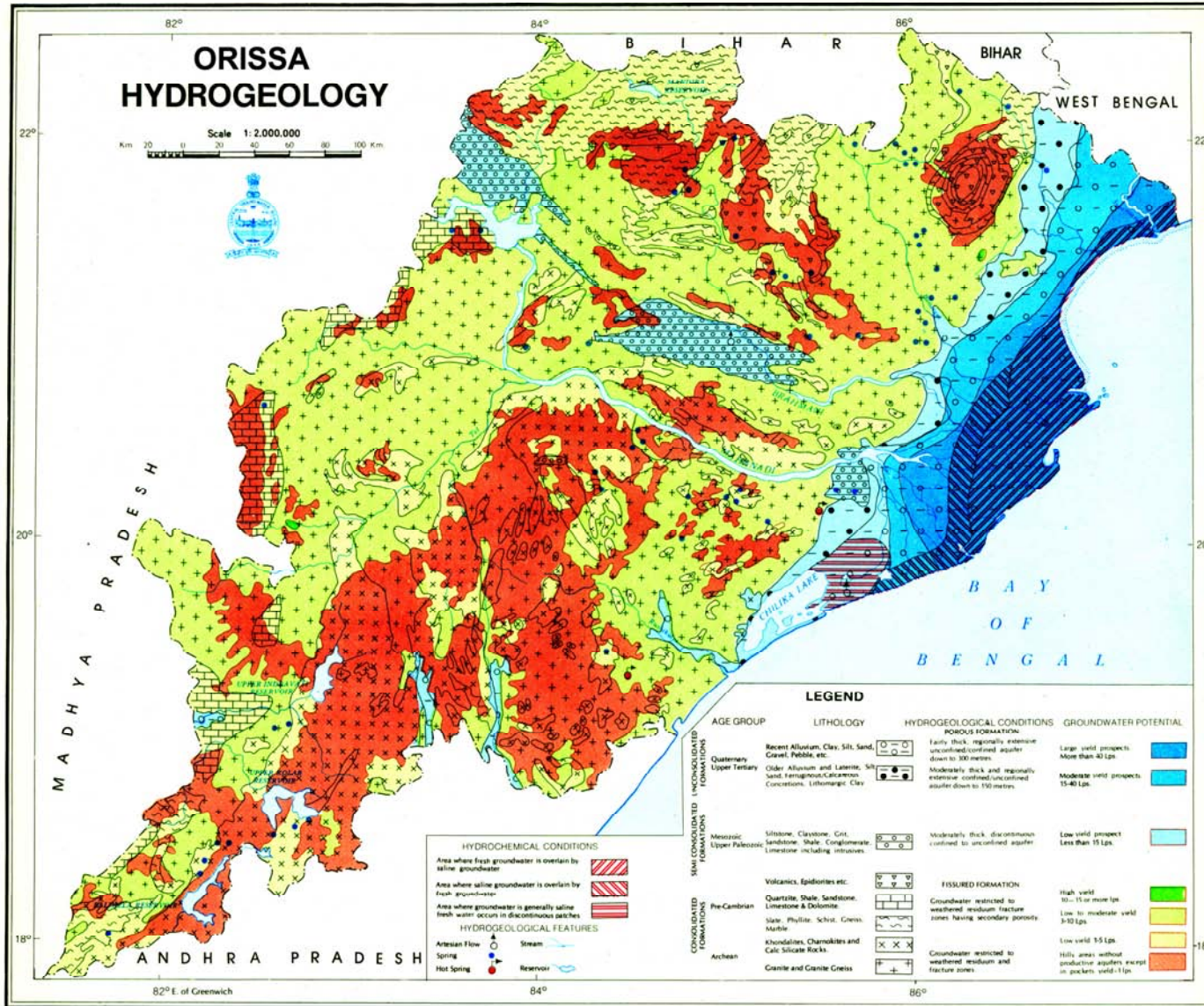
Coastal tracts of Puri, Khurda, Cuttack, Jagatsinghpur, Jajpur, Kendrapara, Balasore, Bhadrak, Ganjam districts and inland river valleys.

5.1 CONSOLIDATED FORMATIONS

The consolidated formations include the hard crystalline and partly metamorphosed compact sedimentary formations belonging to Pre-Cambrian. The rock types are mainly granites, granite gneisses, schistose rocks, khondalites, charnockites, quartzites, calcsilicates, shale, phyllite, sandstone, limestone, marble etc. These rocks are devoid of primary porosity. The ground water occurs in secondary porosity resulting from weathering fracturing and jointing. The hard rock aquifers exhibit considerable variation laterally as also in depth. The weathered mantle is composed of loose regolith with intergranular porosity, which facilitates free circulation of ground water through deeper fractures and forms potential repository of ground water. In general the average thickness of weathered residuum varies from 15 to 20 m. Ground water occurs under phreatic condition. The water bearing fracture zones generally occur within 100m depth but deeper potential fractures have also been encountered in some of the bore holes drilled by the Central Ground Water Board.

5.2 SEMI CONSOLIDATED FORMATIONS

The semi-consolidated formations include Gondwana sedimentaries ranging in age from Upper Carboniferous to Cretaceous and the Baripada beds of Middle-Pliocene age. The Gondwanas include sandstones, shales, siltstones and conglomeratic beds, while the Baripada beds consist of fossiliferous limestones, stratified semi-consolidated sand beds with intercalated shales. The coarse to medium grained, weathered, fractured and friable Gondwana sandstones and the semi-consolidated sand beds of Baripada formation form the aquifers. The ground water occurs under water table condition in the shallow aquifers and under semi-confined to confined conditions in the deeper aquifers. The depth of weathering in Gondwanas generally extends to a depth of 15m.



Based upon Survey of India map with the permission of the Surveyor General of India.

The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.

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5.3 UNCONSOLIDATED FORMATIONS

The unconsolidated sediments include Pleistocene and Recent alluvium. The older alluvium, which forms conspicuous and significant horizon, is generally overlain by laterites. The laterites are vesicular, essentially ferruginous and form the shallow aquifer. Maximum development of alluvial formations occurs along the coastal tract, with a maximum thickness of about 600m. Alluvium also occurs as discontinuous patches adjoining the river courses, where the thickness is limited to about 45m. The sand and gravel layers act as good repository of ground water. Groundwater occurs under unconfined condition in the shallow zone and under semi-confined to confined condition in the deeper zone. The coastal tract holds potential for large- scale ground water development as the sand zone forms prolific aquifers. But the coastal tract is beset with salinity problems both in shallow as well as deeper aquifers at different locales at different levels.

6.0 GROUND WATER REGIME MONITORING

Ground water monitoring is carried out by CGWB through a network of observation wells (dug wells and piezometers) spread all over the state. These wells serve as permanent National Hydrograph Stations (NHS). The existing network provides an optimal spatial distribution of observation stations in the region, through which necessary information on ground water regime is available with a fair degree of accuracy. Through interpolation between data sets at different stations, it is possible to determine the characteristics of elements at any point in the region. Under normal circumstances, the water level of the observation wells are being measured four times in a year during fixed period of time as given below –

April	– 20 th to 30 th of the month	Represents water level situation in Pre-monsoon period
August	– 20 th to 30 th of the month	Represents peak water level of monsoon period.
November	– 1 st to 10 th of the month	Represents situation of water level in Post-monsoon period.
January	– 1 st to 10 th of the month	Represents water level during irrigation period.

Water samples were collected from each of the network stations only during April (Pre-monsoon) every year, to assess the chemical quality of ground water.

Table – 6.1

**National Hydrograph Stations Monitored During
2015-2016**

SI.NO	Districts	April - 2015	August - 15	November -15	January – 2016
1	ANUGUL	57	57	57	57
2	BALANGIR	87	87	87	92
3	BALESHWAR	36	39	39	52
4	BARGARH	79	79	79	80
5	BAUDH	60	60	60	64
6	BHADRAK	27	27	27	32
7	CUTTACK	97	97	99	103
8	DEBAGARH	10	10	10	12
9	DHENKANAL	45	45	45	45
10	GAJAPATI	38	39	40	41
11	GANJAM	106	110	111	114
12	JAGATSINGHAPUR	24	24	24	25
13	JAJAPUR	55	55	55	58
14	JHARSUGUDA	15	15	15	19
15	KALAHANDI	49	49	49	49
16	KANDHAMAL	29	29	29	29
17	KENDRAPARA	33	33	33	35
18	KENDUJHAR	95	95	95	100
19	KHORDHA	86	86	86	89
20	KORAPUT	64	64	64	71
21	MALKANGIRI	42	42	42	44
22	MAYURBHANJ	89	89	89	93
23	NABARANGAPUR	31	31	31	32
24	NAYAGARH	51	51	51	56
25	NUAPADA	31	31	31	32
26	PURI	100	100	102	105
27	RAYAGADA	23	23	23	25
28	SAMBALPUR	78	78	78	88
29	SONAPUR	47	47	48	51
30	SUNDARGARH	97	97	97	104
	TOTAL	1681	1689	1696	1797

6.1 DISTRIBUTION OF NATIONAL HYDROGRAPH STATIONS

A total number of 1797 Hydrograph Network Stations have so far been established and are being monitored in the state. Out of 1797 network hydrograph stations, open/dug wells are 1699 in numbers and 98 are Piezometers in hard rock and coastal tract (including piezometers under Hydrology Project) and are being monitored manually. The district wise, basin wise and command area wise distribution of NHS wells is furnished in Table 6.1, 6.2 and 6.3 respectively. Locations of hydrograph network stations are shown in Plate-6.1 and the general details of hydrograph network stations are given in Annexure-1. Locations of piezometers constructed under Hydrology Project have been given in Plate 6.2 and provided in Annexure – 2

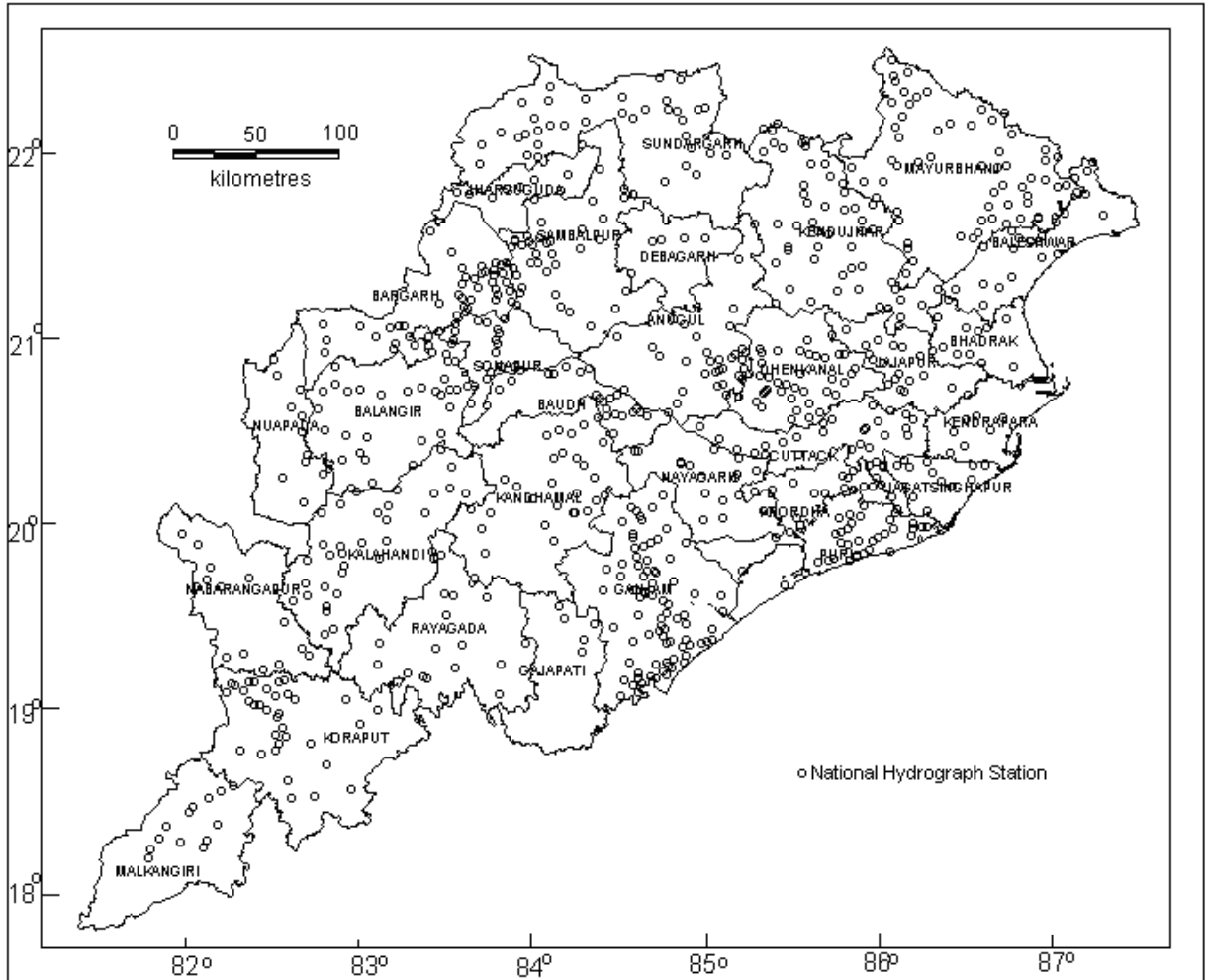
Table – 6.2

BASINWISE DISTRIBUTION OF NHS WELLS		
SL.NO	BASIN/SUB-BASIN	NO. OF NHS (APPROX)
1.	BAITARANI	135
2.	BRAHMANI	163
3.	BURHABALANG	121
4.	GODAVARI	113
5.	MAHANADI	809
6.	NAGAVALLI	73
7.	RUSHIKULYA	145
8.	SUBARNAREKHA	112
9.	VAMSADHARA	87

6.2 ANALYSIS OF DATA

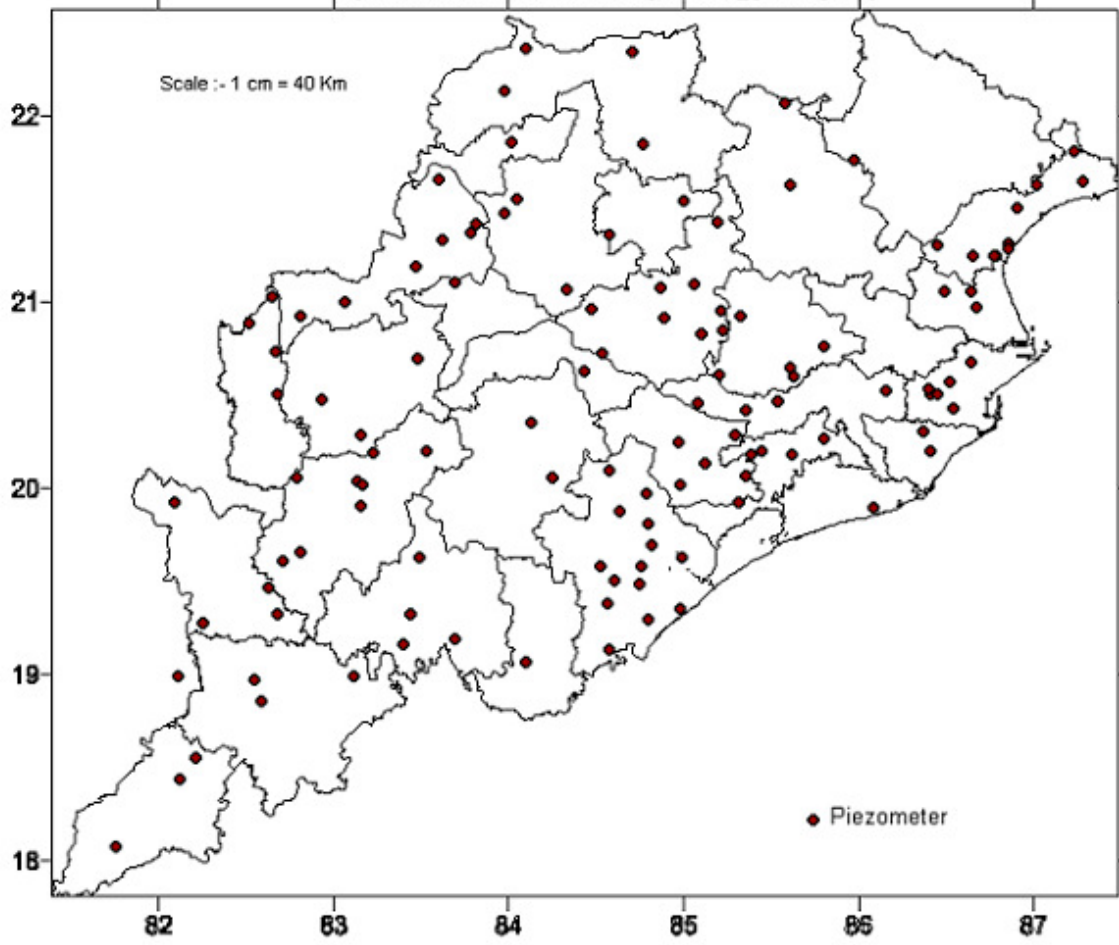
The water levels reflect the cumulative effect of natural recharge discharge conditions and ground water draft on the ground water regime. Where the draft exceeds the recharge, its manifestation is reflected by distinct decline in normal water level and where recharge is more than the draft rising trend is seen in water levels. The hydrographs given in **Plate 6.3** show the periods of recharge and discharge. Water level data collected four times a year is subjected to analysis for inferring the change in water levels i.e. rise/ fall and trend in water levels with reference to time and space.

LOCATION OF NATIONAL HYDROGRAPH STATIONS IN ORISSA



**LOCATION OF PIEZOMETERS IN ORISSA
(Constructed Under Hydrology Project)**

Plate :- 6.2



6.2.1 HYDROGRAPH ANALYSIS

Long Term Water Level Trend Analysis

Hydrographs with Long term water level trend and comparison is given in **Plate 6.3**

6.2.2 WATER LEVEL ANALYSIS

- i) General range of water level fluctuation as compared with previous measurement.
- ii) Water level data of specific period as compared with corresponding water level data of previous year.
- iii) Comparison of water level data with the mean water level data of the preceding decade.
- iv) Comparison of water level data of different measurements with pre-monsoon (April) data.

7.0 BEHAVIOUR OF WATER LEVEL DURING 2015 - 2016

During 2015-2016 the existing 1797 National Hydrograph stations were monitored four times and behaviour of the ground water regime during the year was inferred comparing the same with the decade mean, corresponding previous year data and pre-monsoon water level data. On the basis of water level data of NHS, for each measurement the following maps have been prepared.

1. Depth to water level for each measurement
2. Water level fluctuation in comparison to decade average.
3. Comparison of water levels to Pre-monsoon water levels.
4. Water level fluctuation in comparison to corresponding period of previous year.

7.1 DEPTH TO WATER LEVEL

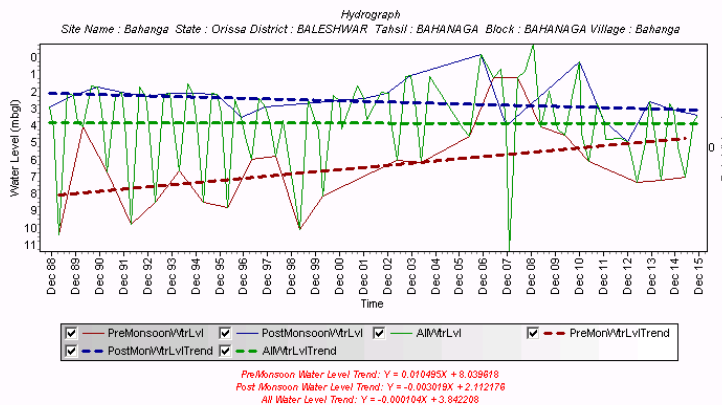
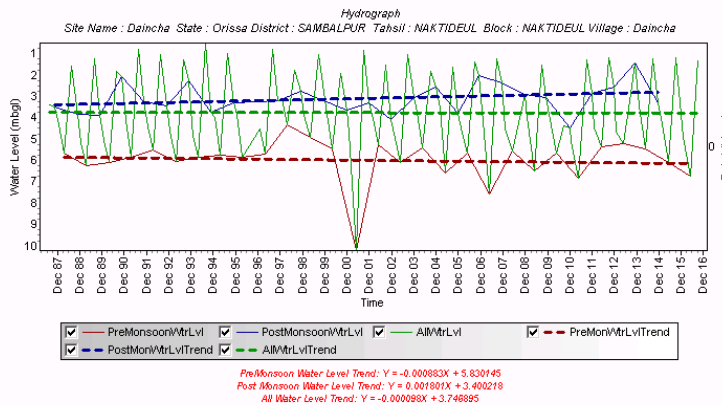
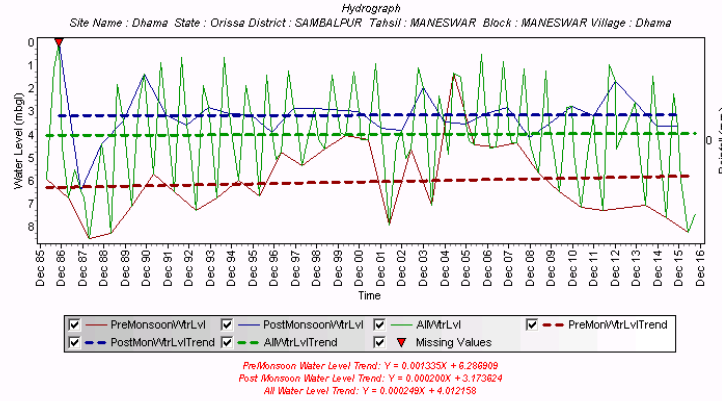
7.1.1 DEPTH TO WATER LEVEL OF APRIL 2015

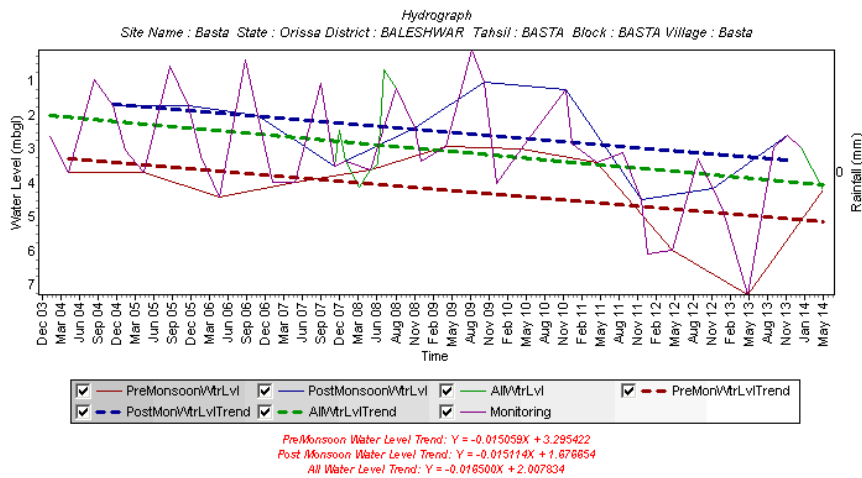
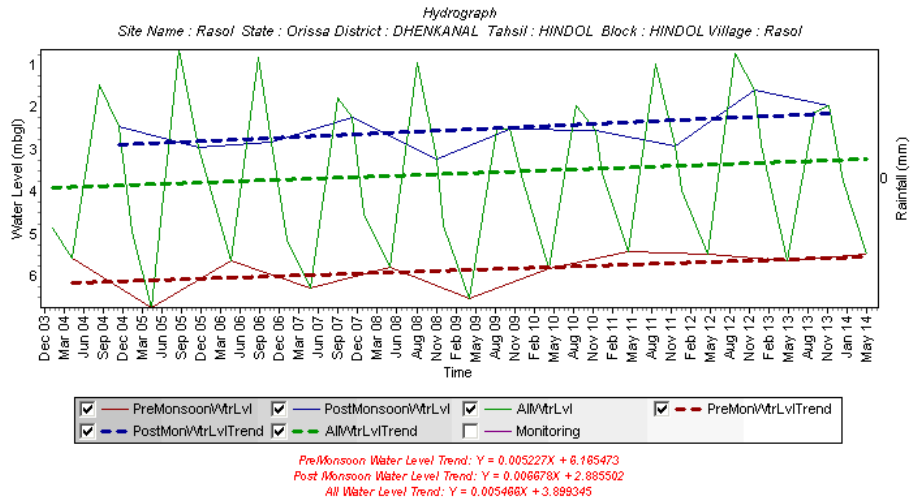
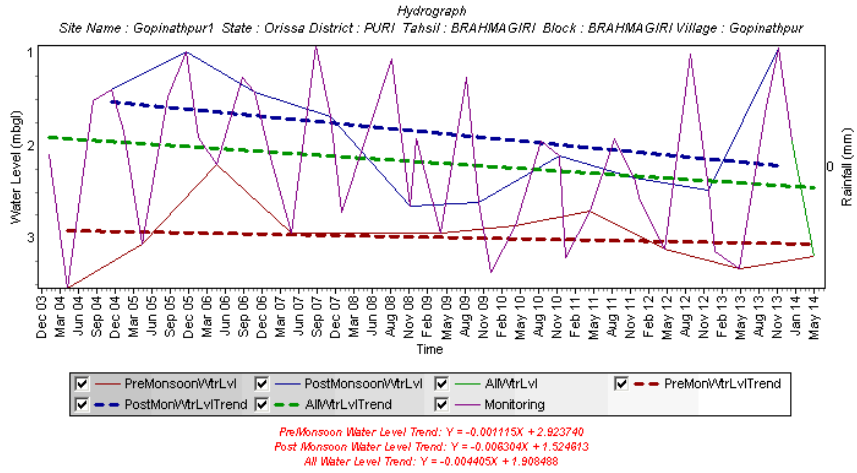
During April 2015, the water level (meter below ground level) in the state varies from minimum of 0.30 magl in Cuttack district to a maximum of 14.5 mbgl in Nabarangpur district and water levels mostly range from 2 to 10 mbgl. The depth to water level map has been shown in **Plate-7.1** and district wise well frequency for different ranges of depth to water level are given in **Table- 7.1**.

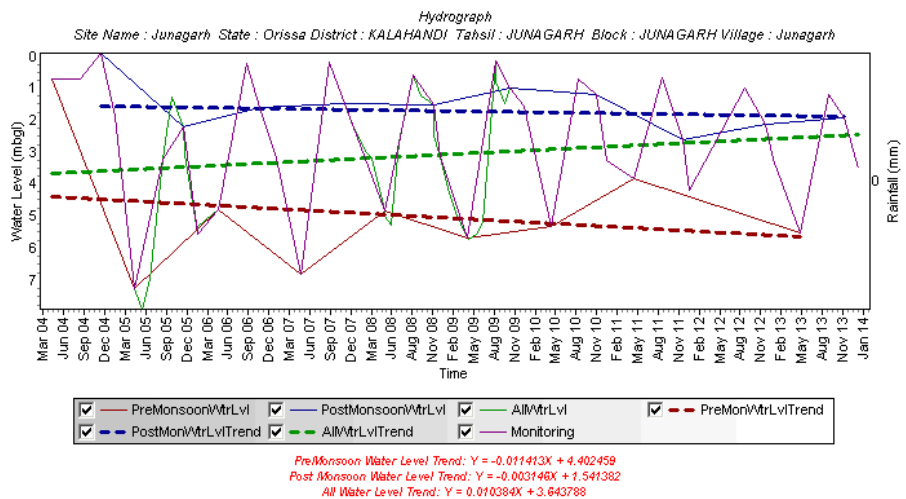
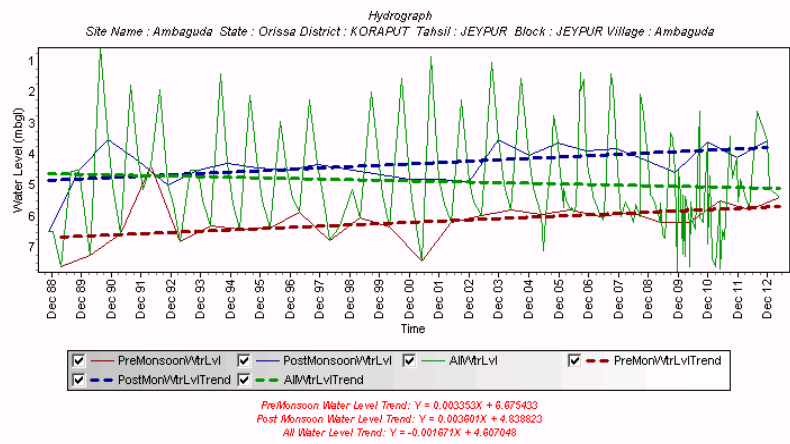
Water level between 0-2 m

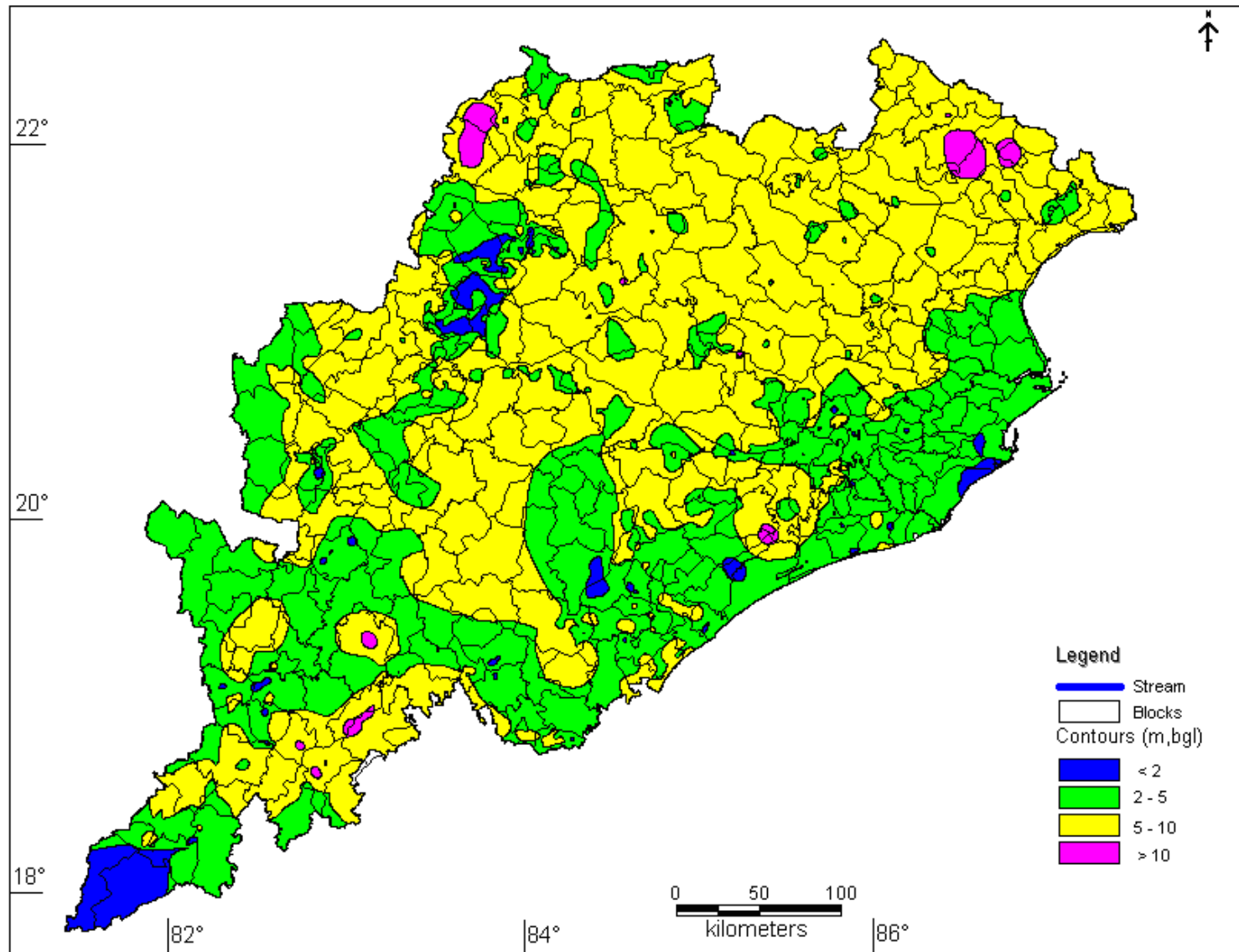
Only 10 % of the NHS wells recorded water level in this range during April 2015. This range generally appear as small and isolated patches. Also this range is seen in isolated patches in Canal command areas of Bargarh, Sonapur, Rayagada, Nayagarh, Koraput, Kalahandi and Sambalpur districts with maximum 37% of wells in Bargarh district.

HYDROGRAPHS OF NATIONAL HYDROGRAPHS STATIONS









Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - APRIL 2015 *Table:- 7.1*

DISTRICT	Number of well analysed	Depth to water level (mbgl)		No. and percentage of wells showing depth to water level (mbgl) in the range of											
				<2		2 - 5		5 - 10		10 - 20		20 - 40		> 40	
		Min	Max	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
ANUGUL	49	2.95	12	0		12	24.5	34	69.4	3	6.1	0		0	
BALANGIR	70	1.75	9.65	1	1.4	23	32.9	46	65.7	0		0		0	
BALESHWAR	25	2.41	7.81	0		2	8	23	92	0		0		0	
BARGARH	62	0.39	8.85	23	37	16	25.8	23	37.1	0		0		0	
BAUDH	54	1.7	8.75	1	1.9	14	25.9	39	72.2	0		0		0	
BHADRAK	17	3.3	5.53	0		13	76.5	4	23.5	0		0		0	
CUTTACK	74	0.3	8.7	16	21	46	62.2	12	16.2	0		0		0	
DEBAGARH	9	3.6	7.95	0		4	44.4	5	55.6	0		0		0	
DHENKANAL	41	1.78	10.4	1	2.4	10	24.4	29	70.7	1	2.4	0		0	
GAJAPATI	32	1.64	10.7	1	3.1	18	56.3	12	37.5	1	3.1	0		0	
GANJAM	91	0.95	9.78	9	9.9	49	53.8	33	36.3	0		0		0	
JAGATSingha	16	1	3.7	3	18	13	81.3	0		0		0		0	
JAJAPUR	41	3.05	8.38	0		5	12.2	36	87.8	0		0		0	
JHARSUGUDA	13	2.05	9.1	0		6	46.2	7	53.8	0		0		0	
KALAHANDI	40	1.4	8.17	4	10	18	45	18	45	0		0		0	
KENDRAPARA	24	1.6	6.3	1	4.2	22	91.7	1	4.2	0		0		0	
KENDUJHAR	82	4	8.27	0		18	22	64	78	0		0		0	
KHORDHA	75	0.4	12.5	11	14	27	36	35	46.7	2	2.7	0		0	
KORAPUT	53	0.7	13.1	7	13	17	32.1	25	47.2	4	7.5	0		0	
MALKANGIRI	20	1.25	8.89	3	15	11	55	6	30	0		0		0	
MAYURBHANJ	74	4.6	14.5	0		5	6.8	66	89.2	3	4.1	0		0	
NABARANGAPU	20	2.3	10	0		11	55	9	45	0		0		0	
NAYAGARH	48	1.3	9.5	2	4.2	23	47.9	23	47.9	0		0		0	
NUAPADA	24	0.85	8.95	1	4.2	12	50	11	45.8	0		0		0	
PURI	69	1.2	8.44	15	21	47	68.1	7	10.1	0		0		0	
RAYAGADA	20	1.55	11.6	4	20	10	50	5	25	1	5	0		0	
SAMBALPUR	73	0.4	11.1	9	12	21	28.8	42	57.5	1	1.4	0		0	
SONAPUR	45	0.58	8.17	12	26	14	31.1	19	42.2	0		0		0	
SUNDARGARH	79	0.8	12.3	10	12	28	35.4	36	45.6	5	6.3	0		0	
TOTAL	1340			134	10	515	38.4	670	50	21	1.6	0	0	0	0

Water level between 2-5 m

38.4% of the total NHS wells recorded water level in this range during April 2015. The coastal districts of the state has the maximum number of wells showing this range of water level i.e., Kendrapara (91.7%), and Jagatsinghpur (81.3%) Bhadark (76.5%), Puri (68.1%), Cuttack (62.2%),. The major command areas of the state like Hirakud, Mahanadi, delta stage I & II, Baitarani, Salandi and Anandpur have shown water level in this range.

Water level between 5-10 m

50 % of the NHS wells have shown water level in this range of 5 –10 mbgl. All the districts have recorded water level in this range, i.e., this range gives the general water level in the state for April 2015. The hard rock and hilly terrains of the state has recorded water level in this range in majority of wells. The maximum percentage of wells in this range is recorded in Baleswar (92%), Mayurbhanj (89.2%) Jajpur (87.8%), Boudh (72.2%), Dhenkanal (70.7%), and minimum in Kendrapara (4.2%) district. Partially all the district of Orissa show this category.

Water level between 10-20 m

1.6% of the wells of the state fall in this category. It is mostly in the hilly districts like Koraput (7.5%), Sundargarh (6.3%), Anugul (6.1%), Rayagada (5%), and minimum in Sambalpur (1.4%).

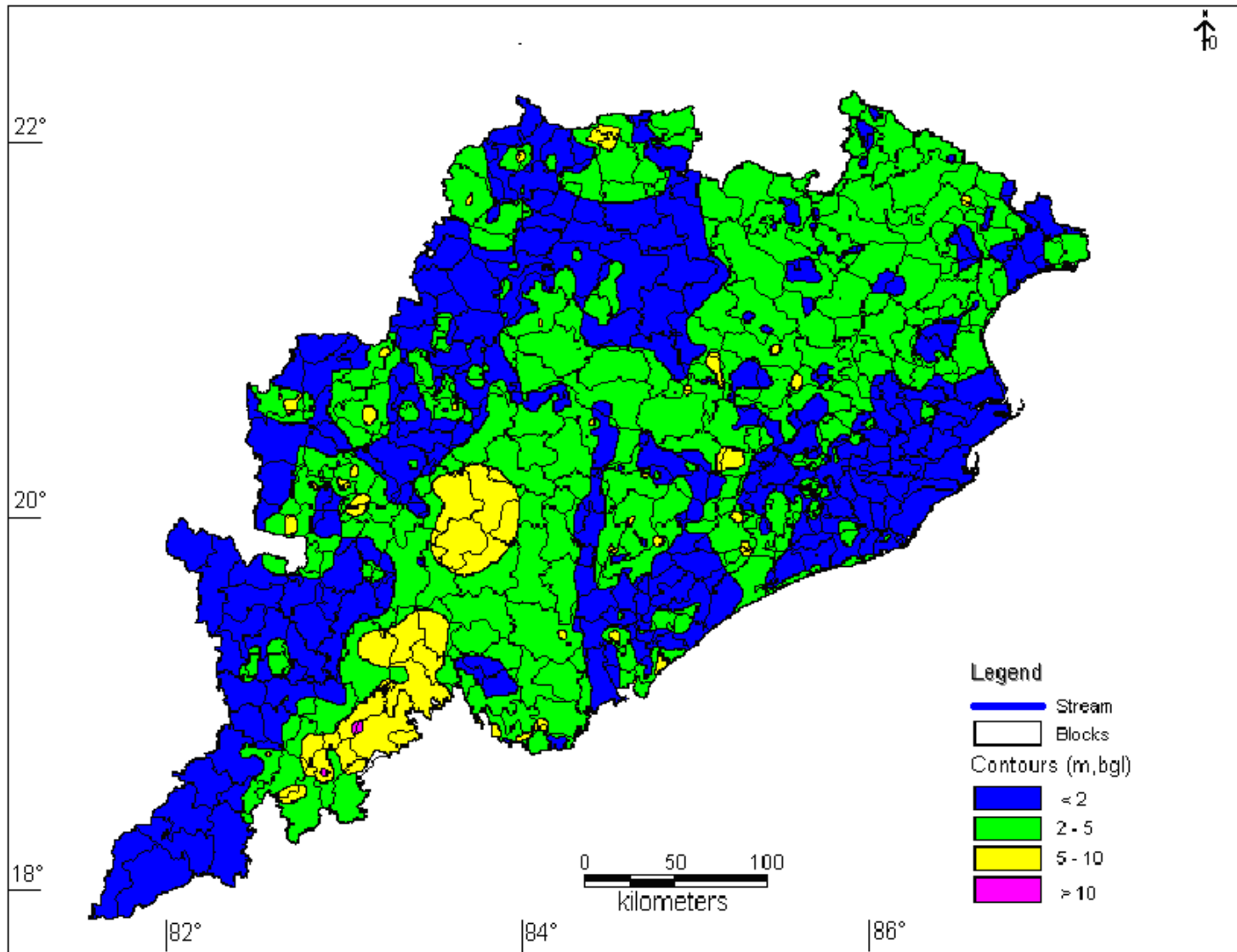
Water level more than 20m

No well have shown more than 20m of water level during April 2015.

In general, it can be said that during the month of April 2015, the state recorded water level in 2-10 m range in almost all the districts. Some wells in the hilly districts recorded water level in 10-20 m range.

7.1.2 DEPTH TO WATER LEVEL OF AUGUST 2015

A perusal of data and maps pertaining to August 2015 shows that the depth to water level ranges from 0.05 to 12.9 mbgl and in majority (54%) of NHS wells level was in the range of 0-2 m below ground level and 38.5% of wells in 2-5 m below ground level. The district-wise depth to water level of August 2015 is shown in **Table 7.2** and the depth to water level map has been shown in **Plate-7.2**.



Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - AUGUST 2015 Table:- 7.2

DISTRICT	Number of well analysed	Depth to water level (mbgl)		No. and percentage of wells showing depth to water level (mbgl) in the range of											
		Min	Max	<2		2 - 5		5 - 10		10 - 20		20 - 40		> 40	
				No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
ANUGUL	47	0.5	8.94	14	29	28	59.6	5	10.6	0		0		0	
BALANGIR	66	0.3	6.5	34	51	24	36.4	8	12.1	0		0		0	
BALESHWAR	33	0.87	4.81	9	27	24	72.7	0		0		0		0	
BARGARH	76	0.05	6.46	63	82	12	15.8	1	1.3	0		0		0	
BAUDH	57	0.45	8.15	32	56	23	40.4	2	3.5	0		0		0	
BHADRAK	16	1.03	2.84	9	56	7	43.8	0		0		0		0	
CUTTACK	73	0.3	8.07	52	71	18	24.7	3	4.1	0		0		0	
DEBAGARH	10	0.55	2.35	9	90	1	10	0		0		0		0	
DHENKANAL	42	0.12	6.97	22	52	16	38.1	4	9.5	0		0		0	
GAJAPATI	30	0.66	7.87	7	23	16	53.3	7	23.3	0		0		0	
GANJAM	89	0.09	9.89	54	60	28	31.5	7	7.9	0		0		0	
JAGATSINGHA	21	0.5	1.35	21	100	0		0		0		0		0	
JAJAPUR	49	1.04	4.2	13	26	36	73.5	0		0		0		0	
JHARSUGUDA	15	0.45	5.05	12	80	2	13.3	1	6.7	0		0		0	
KALAHANDI	43	0.22	8.22	24	55	15	34.9	4	9.3	0		0		0	
KENDRAPARA	22	0.5	1.8	22	100	0		0		0		0		0	
KENDUJHAR	89	1.26	4.84	23	25	66	74.2	0		0		0		0	
KHORDHA	76	0.05	7.35	42	55	26	34.2	8	10.5	0		0		0	
KORAPUT	55	0.1	12.9	24	43	18	32.7	10	18.2	3	5.5	0		0	
MALKANGIRI	19	0.05	2.4	18	94	1	5.3	0		0		0		0	
MAYURBHANJ	83	0.96	6.18	24	28	56	67.5	3	3.6	0		0		0	
NABARANGAPU	23	0.24	6.1	15	65	7	30.4	1	4.3	0		0		0	
NAYAGARH	48	0.6	8.35	27	56	18	37.5	3	6.3	0		0		0	
NUAPADA	26	0.62	7.8	6	23	14	53.8	6	23.1	0		0		0	
PURI	76	0.21	8.27	48	63	23	30.3	5	6.6	0		0		0	
RAYAGADA	20	0.7	9.5	9	45	7	35	4	20	0		0		0	
SAMBALPUR	74	0.18	6.65	46	62	25	33.8	3	4.1	0		0		0	
SONAPUR	46	0.05	4.86	33	71	13	28.3	0		0		0		0	
SUNDARGARH	85	0.25	9.9	60	70	19	22.4	6	7.1	0		0		0	
TOTAL	1409			772	54	543	38.5	91	6.5	3	0.2	0	0	0	0

Water level between 0-2 m

54% of the wells monitored in the state has water level in this range. The districts like Jagatsinghpur (100%), Kendrapara (100%), Malkalgi (94%) and Debagarh (90%) have majority of wells with water level in this range. In most of the command areas of the state like the Hirakud, Rusikulya, Mahanadi stage I & II, Upper Kolab and Potteru the water level is in this range.

Water level between 2-5 m

38.5 % of the wells monitored showed water level in this range. Among the coastal district Jajpur (73.5%), Kendujhar (74.2%), Baleswar(72.7%), Bhadrak (43.8 %), and parts of Puri, Ganjam and Gajapati had 2 to 5 mbgl of water level. In the central and western Odisha, Nawapara (53.8%), Anugul (59.6%) and Mayurbhanj (67.5%) showed water level in this range. All the districts of the state have recorded in this range except Jagatsingpur and Kendrapara, where all the wells fall in the range of 0-2 m.

Water level between 5-10 m

Water level in this range was recorded in 6.5% of the wells in the state. 23.3 %of wells in Gajapati and 23.1% in Nuapada district showed water level more than 20% of the wells in this range. They occur as isolated patches in areas where the water level is generally in 2-5 m range.

Water level between 10-20 m

Only a negligible 0.2% well fall in this category and both are from Koraput district.

Water level greater than 20 m

None of the wells monitored during August 2015 showed water level in this range.

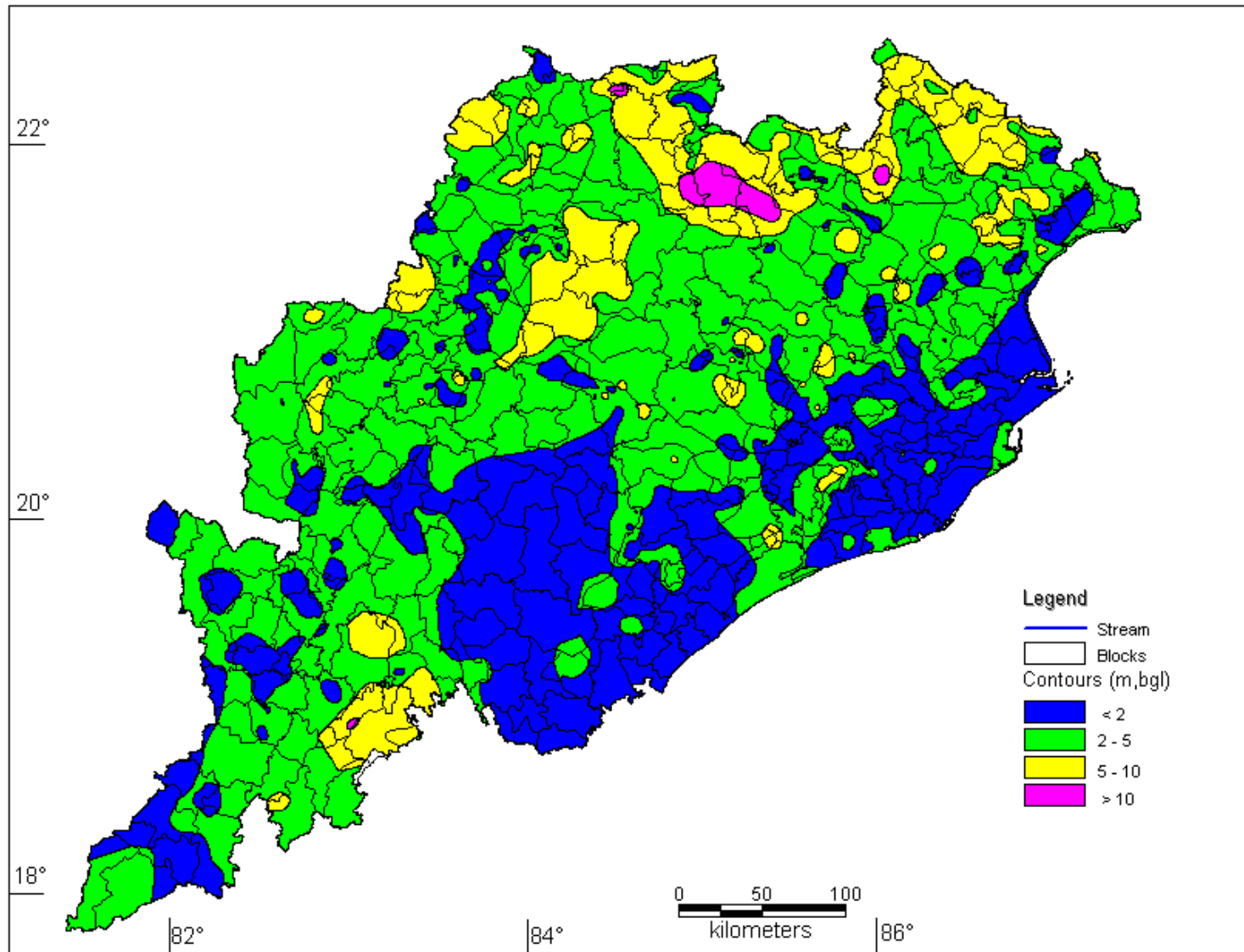
In general the water level in the state during August 2015 monitoring is found in the range of 0-2 m bgl especially in the coastal stretch and in parts of the hilly terrain, whereas 2-5 m bgl water level is found in the coastal and hard rock terrain.

7.1.3 DEPTH TO WATER LEVEL OF NOVEMBER 2015

A perusal of data and maps pertaining to November 2015 shows that the depth to water level ranges from 0.19 to 14.1 mbgl and in majority (62%) of NHS wells level was in the range of 2-5 m below ground level and 22% of wells in 0-2 m below ground level. The district-wise depth to water level of November 2015 is shown in **Table 7.3** and the depth to water level map has been shown in **Plate-7.3**.

DEPTH TO WATER LEVEL MAP OF ODISHA (NOVEMBER 2015)

PLATE- 7.3



Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - NOVEMBER 2015

Table:- 7.3

DISTRICT	Number of well analysed	Depth to water level (mbgl)		No. and percentage of wells showing depth to water level (mbgl) in the range of											
				<2		2 - 5		5 - 10		10 - 20		20 - 40		> 40	
		Min	Max	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
ANUGUL	51	1.1	14.1	1	2	33	64.7	15	29.4	2	3.9	0		0	
BALANGIR	68	1.1	6.57	5	7.4	50	73.5	13	19.1	0		0		0	
BALESHWAR	34	1.08	5.18	6	17	27	79.4	1	2.9	0		0		0	
BARGARH	75	0.45	8.4	34	45	34	45.3	7	9.3	0		0		0	
BAUDH	56	2.2	8.3	0		42	75	14	25	0		0		0	
BHADRAK	18	0.41	3.13	6	33	12	66.7	0		0		0		0	
CUTTACK	76	0.53	7.48	24	31	45	59.2	7	9.2	0		0		0	
DEBAGARH	10	1.55	5.75	1	10	8	80	1	10	0		0		0	
DHENKANAL	43	1.1	7.52	3	7	24	55.8	16	37.2	0		0		0	
GAJAPATI	32	0.55	7	6	18	22	68.8	4	12.5	0		0		0	
GANJAM	88	0.29	7.5	49	55	32	36.4	7	8	0		0		0	
JAGATSINGHA	19	1.1	2.2	14	73	5	26.3	0		0		0		0	
JAJAPUR	47	0.92	4.58	10	21	37	78.7	0		0		0		0	
JHARSUGUDA	15	1.45	6.05	3	20	9	60	3	20	0		0		0	
KALAHANDI	43	0.86	8.08	11	25	25	58.1	7	16.3	0		0		0	
KENDRAPARA	24	1.2	3.2	15	62	9	37.5	0		0		0		0	
KENDUJHAR	89	0.7	5.74	6	6.7	79	88.8	4	4.5	0		0		0	
KHORDHA	76	0.2	9.2	18	23	30	39.5	28	36.8	0		0		0	
KORAPUT	55	0.25	13.2	12	21	26	47.3	15	27.3	2	3.6	0		0	
MALKANGIRI	19	0.75	4.3	9	47	10	52.6	0		0		0		0	
MAYURBHANJ	83	2.09	9.88	0		75	90.4	8	9.6	0		0		0	
NABARANGAPU	24	0.52	6.4	5	20	16	66.7	3	12.5	0		0		0	
NAYAGARH	47	0.95	7.05	3	6.4	36	76.6	8	17	0		0		0	
NUAPADA	25	0.95	7.25	4	16	17	68	4	16	0		0		0	
PURI	81	0.19	8.47	22	27	51	63	8	9.9	0		0		0	
RAYAGADA	20	0.8	9.4	7	35	8	40	5	25	0		0		0	
SAMBALPUR	72	0.45	9.35	16	22	49	68.1	7	9.7	0		0		0	
SONAPUR	48	0.43	5.24	20	41	26	54.2	2	4.2	0		0		0	
SUNDARGARH	81	0.65	10.1	14	17	43	53.1	23	28.4	1	1.2	0		0	
TOTAL	1419			324	22.8	880	62	210	14.8	5	0.4	0	0	0	0

Water level between 0-2 m

22% of the wells monitored in the state has water level in this range. The coastal districts like Jagatsinghpur (73%), Kendrapara (62%), and Ganjam (55%) and Bargarh (45%) have majority of wells with water level in this range. In most of the command areas of the state like the Hirakud, Rusikulya, Mahanadi stage I & II, Upper Kolab and Potteru the water level is in this range.

Water level between 2-5 m

62% of the wells monitored showed water level in this range. Among the coastal districts like Balasore (79.4 %), Jajpur (78.7%) Bhadrak (66.7 %) had 2 to 5 mbgl of water level. In the rest part of Odisha Mayurbhanj (90.4%), Kendujhar (88.8%), Debagarh (80%), Jajpur (78.7%) , Nayagarh (76.6%) and Balangir (73.5%) showed more than or equal to 70% of the wells in this range.

Water level between 5-10 m

Water level in this range was recorded in 14.8% of the wells in the state. 37.2 % of wells in Dhenkanal 36.8% in Khorda , Sundargarh (28.4.3%) Rayagada and Baudh (25%) district showed water level in this range. They occur as isolated patches in areas where the water level is generally in 0-2 m range.

Water level between 10-20 m

Only 1, 2 and 5 no. of wells are fall in this category from Augul, Sundargarh, Koraput and Sonapur districts.

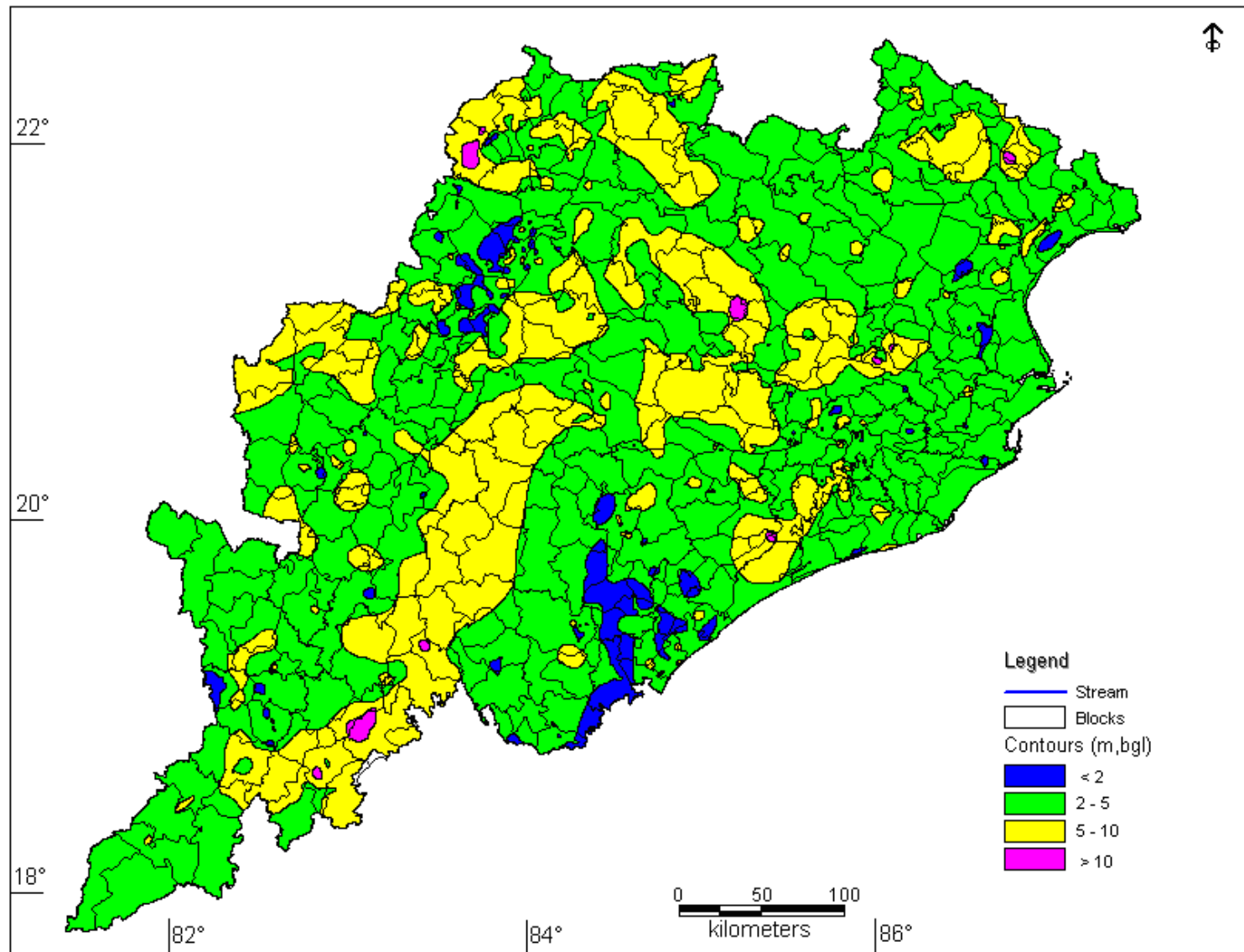
Water level more than 20m

None of the wells monitored during November 2015 showed water level in this range.

In general the water level in the state during November 2015 monitoring is found in the range of 0-2 m bgl especially in the coastal stretch and in parts of the hilly terrain, whereas 2-5 m bgl water level is found in the coastal and hard rock terrain.

DEPTH TO WATER LEVEL MAP OF ODISHA (JANUARY 2016)

Plate -7.4



Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - JANUARY 2016 *Table:- 7.4*

DISTRICT	Number of well analysed	Depth to water level (mbgl)		No. and percentage of wells showing depth to water level (mbgl) in the range of											
				<2		2 - 5		5 - 10		10 - 20		20 - 40		> 40	
		Min	Max	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
ANUGUL	54	2.11	15.8	0		24	44.4	27	50	3	5.6	0		0	
BALANGIR	75	0.9	8.65	5	6.7	57	76	13	17.3	0		0		0	
BALESHWAR	31	0.5	6.5	3	9.7	13	41.9	15	48.4	0		0		0	
BARGARH	73	0.27	8.02	21	28	31	42.5	21	28.8	0		0		0	
BAUDH	51	1.7	7.63	3	5.9	39	76.5	9	17.6	0		0		0	
BHADRAK	20	1.82	5.4	4	20	14	70	2	10	0		0		0	
CUTTACK	82	0.31	9.06	18	22	54	65.9	10	12.2	0		0		0	
DEBAGARH	12	2.75	6.9	0		7	58.3	5	41.7	0		0		0	
DHENKANAL	43	1.6	10.4	2	4.7	18	41.9	22	51.2	1	2.3	0		0	
GAJAPATI	33	0.51	7.21	8	24	20	60.6	5	15.2	0		0		0	
GANJAM	91	0.51	8.31	37	40	46	50.5	8	8.8	0		0		0	
JAGATSINGHA	20	1.8	3.05	4	20	16	80	0		0		0		0	
JAJAPUR	38	1.75	13	4	10	19	50	13	34.2	2	5.3	0		0	
JHARSUGUDA	19	1.65	7	3	15	9	47.4	7	36.8	0		0		0	
KALAHANDI	43	1.45	9.1	2	4.7	31	72.1	10	23.3	0		0		0	
KENDRAPARA	26	1.9	3.85	4	15	22	84.6	0		0		0		0	
KENDUJHAR	92	2.31	9	0		83	90.2	9	9.8	0		0		0	
KHORDHA	77	0.45	10.8	8	10	32	41.6	36	46.8	1	1.3	0		0	
KORAPUT	62	0.65	13	9	14	23	37.1	27	43.5	3	4.8	0		0	
MALKANGIRI	21	1.55	6.25	1	4.8	15	71.4	5	23.8	0		0		0	
MAYURBHANJ	87	2.49	13	0		72	82.8	14	16.1	1	1.1	0		0	
NABARANGAPU	24	2.1	8.2	0		17	70.8	7	29.2	0		0		0	
NAYAGARH	45	1.55	6.65	4	8.9	33	73.3	8	17.8	0		0		0	
NUAPADA	24	1.26	7.8	1	4.2	15	62.5	8	33.3	0		0		0	
PURI	81	0.02	8.9	17	21	52	64.2	12	14.8	0		0		0	
RAYAGADA	22	1.65	10.5	4	18	12	54.5	5	22.7	1	4.5	0		0	
SAMBALPUR	85	0.51	10.2	11	12	47	55.3	26	30.6	1	1.2	0		0	
SONAPUR	48	0.53	6.92	9	18	23	47.9	16	33.3	0		0		0	
SUNDARGARH	89	0.7	13.6	15	16	42	47.2	30	33.7	2	2.2	0		0	30
TOTAL	1468			197	13.41	886	60.4	370	25.2	15	1	0	0	0	0

7.1.4. DEPTH TO WATER LEVEL OF JANUARY 2016

A perusal of data and maps pertaining to January 2016 shows that the depth to water level in majority (60.4%) of NHS wells was level in the range of 2-5 m below ground level and 25.2 % of wells in 5-10 m below ground level. The depth to water level map is presented in Plate-7.4 and the district wise frequency for different ranges of depth to water level has been given in Table- 7.4.

Water level between 0-2m

13.41% of the wells monitored in the state has water level between 0-2 m. The districts like Ganjam 40%, Bargarh (28%) , Cuttack 22%, Jagatsinghpur (20%) have majority of wells with water level in this range. In most of the command areas of the state like the Hirakud, Rusikulya, Mahanadi stage I & II, Upper Kolab and Potteru the water level is in this range shown in the plate as isolated patches.

Water level between 2-5m

60.4% of the wells monitored showed water level in this range. Districts like Keonjhar (90.2%), Mayurbhanj (82.8%), Kendrapara (84.6%),Jagatsinghpur (80%), Baudh (76.5%),Balangir (76.%), Kalahandi (72.1%) showed wells in this range. All the districts of the state have recorded in this range.

Water level between 5-10m

Water level in this range was recorded in 25.2% of the wells in the state. The districts namely Dhenkanal (51.2%), Anugul (50%), Baleswar (48.4%), Khordha (46.8%) and were having water level in this range in majority of area. All the districts of the state except Jagatsinghpur and Kendrapara have recorded in this range.

Water level between 10-20m

Only a negligible 1% well measured in this category. There are 3 wells having deeper water level in the ,Anugul and Koraput district , 2 wells in Sundargarh, Jajpur district and 1 well in Dhenkanal, Mayurbhanj, Rayagada and Sambalpur district.

Water level greater than 20m

None of the wells monitored during January 2016 showed water level in this range.

In general the water level in the state during January 2016 monitoring is found in the range of 2-5 m bgl especially in the coastal stretch and in parts of the hilly terrain, whereas 0-2 m bgl water level is found in the coastal and command areas in the state.

7.2 WATER LEVEL FLUCTUATION WITH RESTPECT TO DECADE MEAN

7.2.1 APRIL 2015 – Decadal mean (Apr'05 - Apr'14)

The district-wise categorisation of change in water level in April-2015 with respect to the decade mean (April 04 to April 2014) has been given in **Table-7.5** and rise and fall map has been presented in **Plate-7.5**.

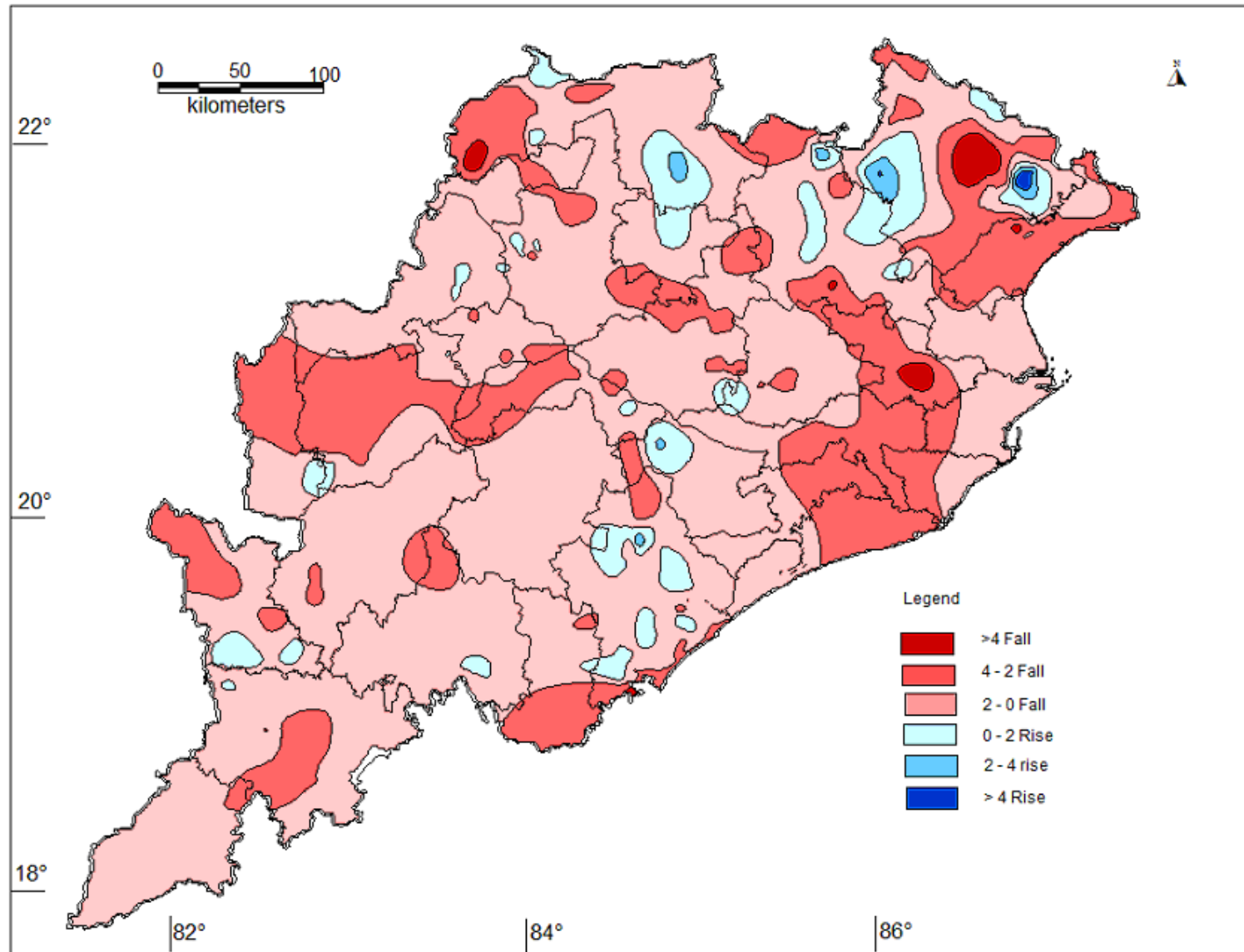
Fall in water level

A perusal of the data and map pertaining to April 2015 with reference to decadal mean (2005-2014) shows fall in water level is observed in 90.1% of the total wells in the state. 49.5% of the wells have shown fall in the 0-2m range. It varies from minimum of 28.4% of wells in Mayurbhanj district to a maximum of 92.9% of wells in Jagatsinghpur district. The districts of Anugul, Bhadrak, Cuttack, Dhenkanal, Gajapati, Ganjam, Jharsuguda, Kendrapara, Keonjhar, Khordha, Koraput, Malkangiri, Nabarangpur, Puri and Rayagada have recorded have more than 50% of wells showing a fall in this range. The range of 2-4m fall in water level has been observed in 36.7% of the state. The maximum is in Baleshwar district (66.7%). A fall of more than 4m have been observed only in 3.9% of the total NHS monitored in the state.

Rise in water level

A perusal of the data and map pertaining to April 2015 with reference to Decadal mean (2005-2014) shows that 9.8% of total NHS wells in the state shows rise in water level. Rise in water level between 0-2m has been observed in 9.2% of the network stations in the state. It varies from minimum of 1.2% Kendujhar to a maximum of 33.3% in Bargarh district. All the districts have recorded rise of water level in some of the NHSs except Anugul, Baleshwar, Malkangiri and Nabarangpur where all the NHSs shown fall in water level. The rise in water level between the range of 2-4m has been noticed in 0.5 % of wells mainly in the districts of Bargarh (1.8%), Gajapati (3.8%), Ganjam (1.1%) , Mayurbhanj (2.7%), Nuapada (4.8%). Only 0.2 % of wells show more than 4m rise in water level.

In general a fall has been recorded in water level of April 2015 when compared with the decadal mean (April 2005-2014).



District wise Categorization of Change in Water Level: Apr – 15 Vs. Decadal Mean (Apr – 05 – Apr- 14)

Table:-7.5

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
								0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
				Rise	Fall	Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%
ANUGUL	49		49			0.2	4.46							26	53.1	22	44.9	1	2
BALANGIR	63	1	62	0.03	0.03	0.01	5.63	1	1.6					24	38.1	36	57.1	2	3.2
BALESHWAR	24		24			0.64	4.3							7	29.2	16	66.7	1	4.2
BARGARH	57	20	37	0	2.11	0.05	4.85	19	33.3	1	1.8			18	31.6	16	28.1	3	5.3
BAUDH	51	1	50	1.77	1.77	0.27	7.64	1	2					14	27.5	33	64.7	3	5.9
BHADRAK	17		17			0.47	2.51							13	76.5	4	23.5		
CUTTACK	73	15	58	0.14	1.52	0.13	3.63	15	20.5					48	65.8	10	13.7		
DEBAGARH	9	1	8	0.18	0.18	1.35	6.8	1	11.1					3	33.3	4	44.4	1	11.1
DHENKANAL	41	1	40	0.13	0.13	0.32	3.86	1	2.4					24	58.5	16	39		
GAJAPATI	26	3	23	0.14	3.46	0.14	5.95	2	7.7	1	3.8			14	53.8	7	26.9	2	7.7
GANJAM	89	13	76	0	2.81	0.02	5.39	12	13.5	1	1.1			49	55.1	22	24.7	5	5.6
JAGATSINGHA	14	1	13	0.08	0.08	0.47	1.56	1	7.1					13	92.9				
JAJAPUR	35	2	33	1.03	1.17	0.38	5.36	2	5.7					9	25.7	17	48.6	7	20
JHARSUGUDA	13		13			0.33	5.33							7	53.8	5	38.5	1	7.7
KALAHANDI	40	4	36	0.3	0.64	0.18	3.82	4	10					22	55	14	35		
KENDRAPARA	20		20			0.11	2.64							17	85	3	15		
KENDUJHAR	82	1	81	0.8	0.8	0.11	4.11	1	1.2					41	50	39	47.6	1	1.2
KHORDHA	74	6	68	0.03	6.16	0.19	4.63	5	6.8			1	1.4	45	60.8	20	27	3	4.1
KORAPUT	51	10	41	0.15	1.33	0.01	4.84	10	19.6					29	56.9	11	21.6	1	2
MALKANGIRI	16		16			0.01	5.37							8	50	6	37.5	2	12.5
MAYURBHANJ	74	5	69	0.08	2.7	0.05	6.89	3	4.1	2	2.7			21	28.4	40	54.1	8	10.8
NABARANGAPU	17		17			0.27	4.25							9	52.9	7	41.2	1	5.9
NAYAGARH	43	1	42	1.83	1.83	0.46	7.01	1	2.3					16	37.2	22	51.2	4	9.3
NUAPADA	21	2	19	0.11	2.28	0.18	3.88	1	4.8	1	4.8			10	47.6	9	42.9		
PURI	69	7	62	0.17	0.66	0.05	3.13	7	10.1					54	78.3	8	11.6		
RAYAGADA	20	5	15	0.12	4.67	0.12	3.73	4	20			1	5	12	60	3	15		
SAMBALPUR	69	8	61	0.05	1.27	0.06	3.94	8	11.6					25	36.2	36	52.2		
SONAPUR	42	13	29	0.11	0.88	0.38	3.35	13	31					16	38.1	13	31		
SUNDARGARH	77	6	71	0.02	2.15	0.05	6.92	5	6.5	1	1.3			38	49.4	29	37.7	4	5.2
TOTAL	1276	126	1150	0.329	1.755			117	9.2	7	0.5	2	0.2	632	49.5	468	36.7	50	3.9

7.2.2 AUGUST 2015- DECADAL MEAN (AUGUST 2005- 2014)

The district-wise categorisation of change in water level of August-2015 with respect to the decadal mean (August 2005 – August 2014) has been given in **Table 7.6** and rise and fall map has been presented in **Plate 7.6**.

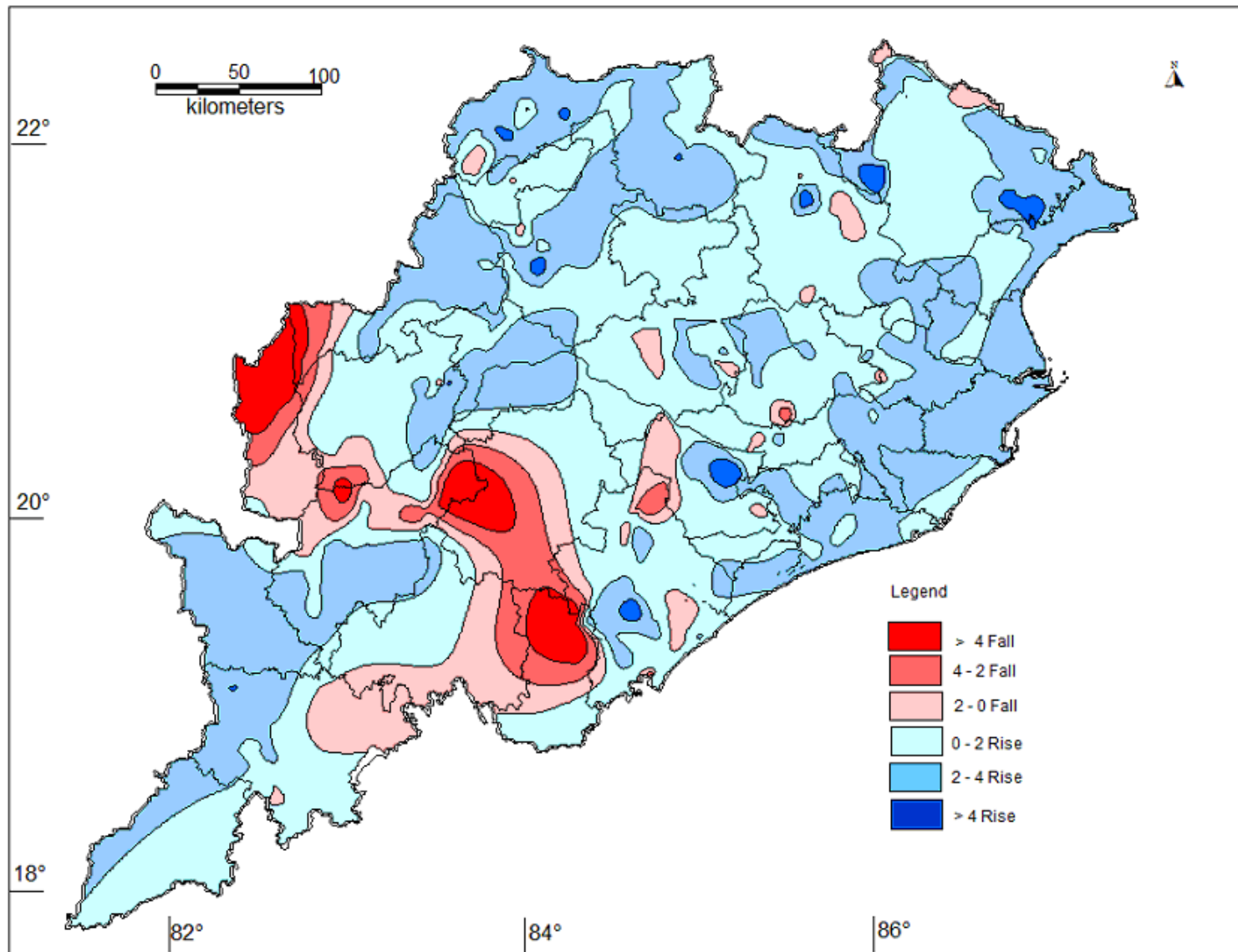
Rise in water level

A perusal of the data and map pertaining to August 2015 with reference to decadal mean (2005-14) shows that rise in water level between 0-2m has been observed in 64.1% of the network stations in the state. All the districts have recorded rise of water level in this range. Rise in water level between the range of 2-4m has been noticed in 19.7% wells in isolated locations and more than 4m have been observed in 1.4% of wells.

Fall in water level

Fall in water level is seen in patches mostly in the hard rock and hilly terrain of the state. Fall in water level between 0-2 m has been observed in 13% of the network monitoring wells in the state. Fall in water level between the range of 2-4m has been observed in 1.7% of network wells in the state. Fall in water level of more 4m, is 0.1% of the total wells in the state.

In general a rise has been recorded in water level of August 2015 when compared with the decadal mean (August 2005-2014). It can be safely concluded that variation in water level is not due to over development; rather the water levels reflect the variation of rainfall in space and time.



District wise Categorization of Change in Water Level: Aug – 15 Vs. Decadal Mean (Aug – 05 – Aug- 14) Table:-7.6

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
						0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m			
		Rise	Fall	Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	47	43	4	0.02	4.19	0.41	1.14	32	68.1	10	21.3	1	2.1	4	8.5				
BALANGIR	59	45	14	0.04	3.2	0.09	1.48	41	69.5	4	6.8			14	23.7				
BALESHWAR	29	27	2	0.05	3.31	0.47	0.64	19	65.5	8	27.6			2	6.9				
BARGARH	70	66	4	0.08	4.44	0.1	1.39	46	65.7	18	25.7	2	2.9	4	5.7				
BAUDH	54	41	13	0.27	3.12	0.12	3.31	33	61.1	8	14.8			9	16.7	4	7.4		
BHADRAK	16	15	1	0.02	2.62	0.62	0.62	13	81.3	2	12.5			1	6.3				
CUTTACK	72	59	13	0.11	3.78	0.08	2.27	55	76.4	4	5.6			12	16.7	1	1.4		
DEBAGARH	10	10		0.5	2.94			3	30	7	70								
DHENKANAL	42	38	4	0.15	3.99	0.28	1.66	26	61.9	12	28.6			4	9.5				
GAJAPATI	24	14	10	0.06	5.51	0.17	3.77	12	50	1	4.2	1	4.2	5	20.8	5	20.8		
GANJAM	83	66	17	0.01	3.68	0.14	4.31	58	69.9	8	9.6			14	16.9	2	2.4	1	1.2
JAGATSINGHA	19	19		0.23	2.02			18	94.7	1	5.3								
JAJAPUR	43	33	10	0.06	4.81	0.05	0.86	23	53.5	8	18.6	2	4.7	10	23.3				
JHARSUGUDA	15	15		0.08	3.58			10	66.7	5	33.3								
KALAHANDI	43	35	8	0.03	3.06	0.67	3.09	27	62.8	8	18.6			4	9.3	4	9.3		
KENDRAPARA	18	17	1	0.66	2.1	0.08	0.08	16	88.9	1	5.6			1	5.6				
KENDUJHAR	89	80	9	0.08	3.83	0	0.94	57	64	23	25.8			9	10.1				
KHORDHA	75	71	4	0.02	3.15	0.03	1.26	56	74.7	15	20			4	5.3				
KORAPUT	53	42	11	0	4.85	0.05	2.55	30	56.6	11	20.8	1	1.9	10	18.9	1	1.9		
MALKANGIRI	15	15		0.15	4.09			10	66.7	4	26.7	1	6.7						
MAYURBHANJ	83	78	5	0.07	5.99	0.07	0.67	44	53	30	36.1	4	4.8	5	6				
NABARANGAPU	20	18	2	0.35	3	0.08	0.1	9	45	9	45			2	10				
NAYAGARH	43	24	19	0	5.04	0.03	5.08	18	41.9	5	11.6	1	2.3	17	39.5	1	2.3	1	2.3
NUAPADA	23	8	15	0.22	2.53	0.02	3.82	7	30.4	1	4.3			14	60.9	1	4.3		
PURI	76	55	21	0.02	2.3	0.02	2.62	52	68.4	3	3.9			18	23.7	3	3.9		
RAYAGADA	20	13	7	0.06	2.93	0.25	2.64	12	60	1	5			6	30	1	5		
SAMBALPUR	71	70	1	0.07	4.12	0.2	0.2	46	64.8	23	32.4	1	1.4	1	1.4				
SONAPUR	43	40	3	0.11	2.98	0.24	0.46	32	74.4	8	18.6			3	7				
SUNDARGARH	83	82	1	0.03	8.7	0.08	0.08	52	62.7	25	30.1	5	6	1	1.2				
TOTAL	1338	1139	199	0.121	3.786			857	64.1	263	19.7	19	1.4	174	13	23	1.7	2	0.1

7.2.3 NOVEMBER 2015 - DECADAL MEAN (NOVEMBER 2005 - 2014)

The district-wise categorisation of change in water level during November-2015 with respect to the decadal mean (November 2005- November-2014) has been given in **Table 7.7** and presented in **Plate 7.7**.

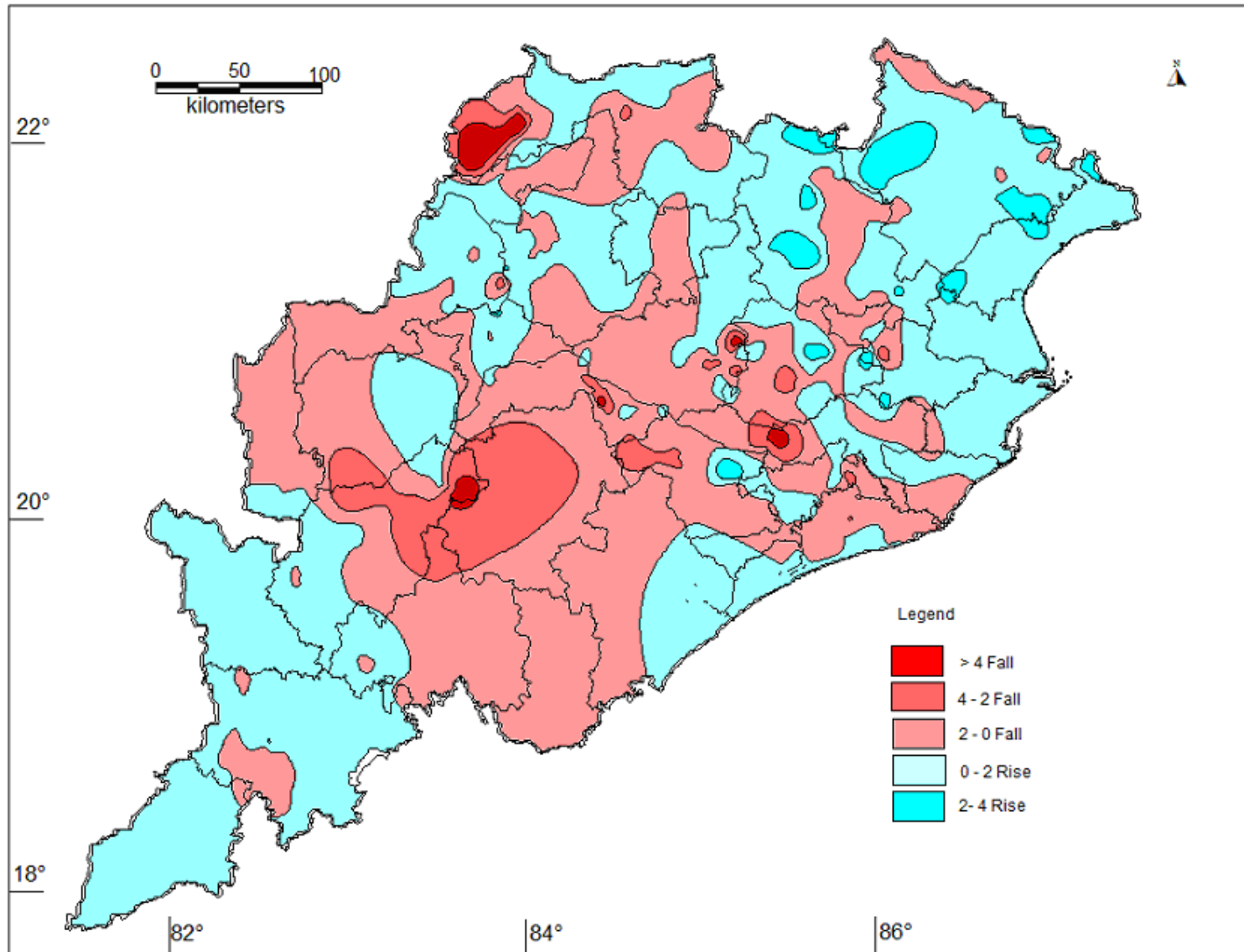
Rise in water level

A perusal of the data and map pertaining to November 2015 with reference to decadal mean (2005-14) shows that rise in water level between 0-2m has been observed in 47% of the network stations in the state. All the districts have recorded rise of water level in this range. Rise in water level between the range of 2-4m has been noticed in 4.3% wells in isolated locations and more than 4m have been observed in 0.2% of wells.

Fall in water level

Fall in water level is seen in patches mostly in the hard rock and hilly terrain of the state. Fall in water level between 0-2 m has been observed in 44.4% of the network monitoring wells in the state. Fall in water level between the range of 2-4m has been observed in 3.7% of network wells in the state. Fall in water level of more 4m, is present in isolated areas with 0.3% of the total wells in the state.

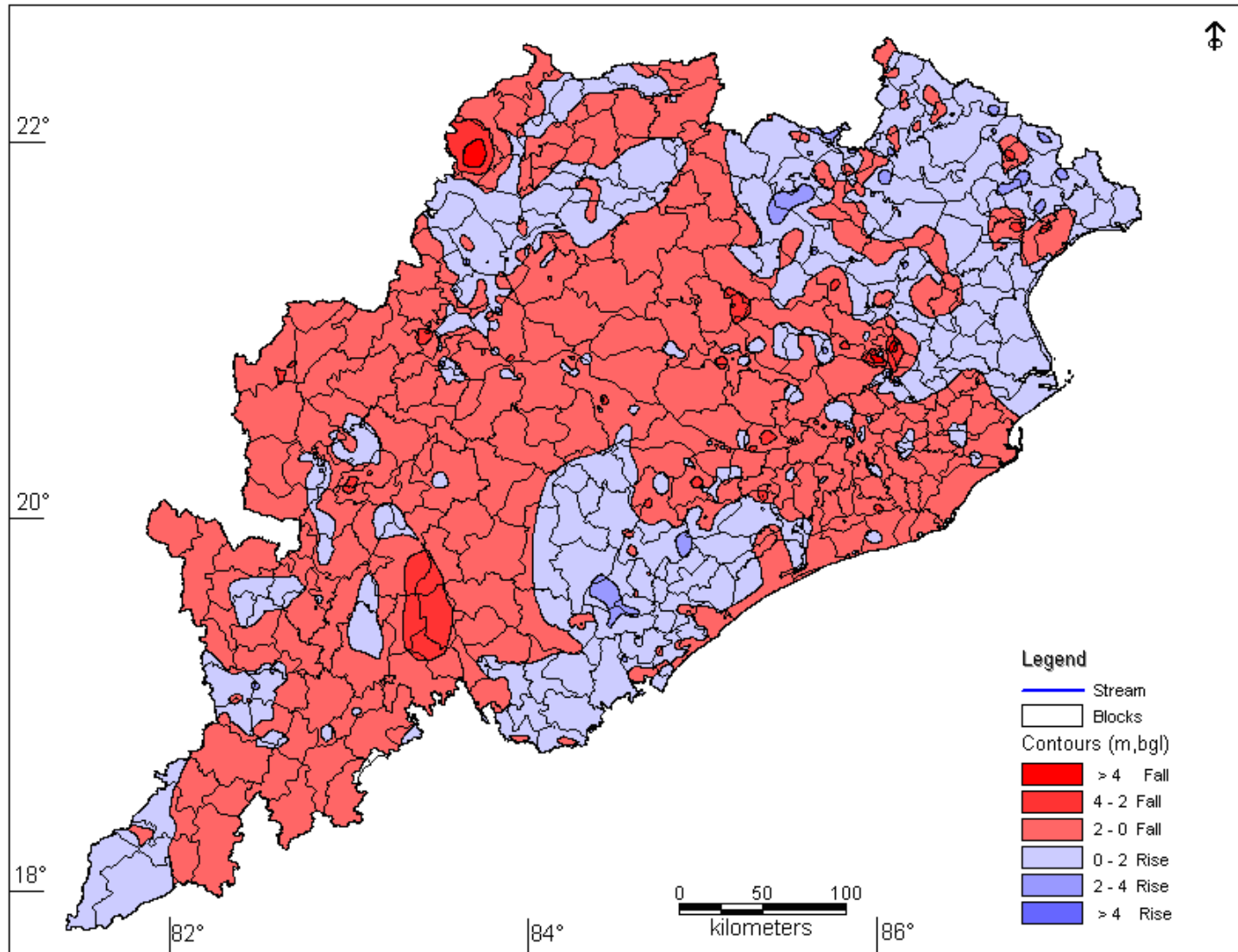
In general a rise has been recorded in water level of November 2015 when compared with the decadal mean (November 2005-2014). It can be safely concluded that variation in water level is not due to over development; rather the water levels reflect the variation of rainfall in space and time.



District Wise Categorization of Change in Water Level: Nov – 15 Vs. Decadal Mean (Nov – 05 – Nov- 14)

Table 7.7

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing													
				Rise (m)		Fall (m)		Rise						Fall							
				Rise	Fall	Min	Max	Min	Max	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
										No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	51	16	35	0.01	2.74	0.07	4.08	15	29.4	1	2			32	62.7	2	3.9	1	2		
BALANGIR	61	17	44	0.05	3.12	0.23	2.01	16	26.2	1	1.6			43	70.5	1	1.6				
BALESHWAR	30	27	3	0.35	2.58	0.13	0.99	20	66.7	7	23.3			3	10						
BARGARH	69	38	31	0.01	2.42	0.01	6.2	35	50.7	3	4.3			30	43.5			1	1.4		
BAUDH	53	6	47	0.05	1.36	0.15	5.24	6	11.3					34	64.2	11	20.8	2	3.8		
BHADRAK	18	16	2	0.1	2.7	0.09	0.86	14	77.8	2	11.1			2	11.1						
CUTTACK	73	29	44	0.01	1.33	0.05	2.92	29	39.7					42	57.5	2	2.7				
DEBAGARH	10	5	5	0.28	1.98	0.06	3.25	5	50					4	40	1	10				
DHENKANAL	43	18	25	0.04	2.49	0.05	2.28	15	34.9	3	7			24	55.8	1	2.3				
GAJAPATI	24	14	10	0.09	1.37	0.3	3.24	14	58.3					8	33.3	2	8.3				
GANJAM	81	60	21	0.03	2.63	0.03	2.57	55	67.9	5	6.2			19	23.5	2	2.5				
JAGATSINGHA	17	8	9	0.02	1.17	0.08	0.77	8	47.1					9	52.9						
JAJAPUR	41	36	5	0	3.55	0.04	2.03	30	73.2	6	14.6			4	9.8	1	2.4				
JHARSUGUDA	15	8	7	0.04	0.88	0.12	0.98	8	53.3					7	46.7						
KALAHANDI	43	27	16	0	1.68	0.11	3.31	27	62.8					13	30.2	3	7				
KANDHAMAL	0	0	0																		
KENDRAPARA	20	10	10	0.05	0.9	0.05	1.28	10	50					10	50						
KENDUJHAR	89	62	27	0.01	4.04	0.01	1.81	49	55.1	12	13.5	1	1.1	27	30.3						
KHORDHA	75	21	54	0.01	1.56	0.02	3.06	21	28					52	69.3	2	2.7				
KORAPUT	53	33	20	0.03	3.48	0.03	1.78	32	60.4	1	1.9			20	37.7						
MALKANGIRI	15	11	4	0.01	2.05	0.3	0.55	10	66.7	1	6.7			4	26.7						
MAYURBHANJ	83	67	16	0.01	4.22	0.08	1.1	54	65.1	12	14.5	1	1.2	16	19.3						
NABARANGAPU	21	17	4	0.13	1.48	0.15	2.38	17	81					3	14.3	1	4.8				
NAYAGARH	42	6	36	0	4.01	0.07	3.78	5	11.9			1	2.4	26	61.9	10	23.8				
NUAPADA	22	7	15	0.26	2.2	0.13	3.27	6	27.3	1	4.5			14	63.6	1	4.5				
PURI	79	22	57	0	1.47	0.03	2.82	22	27.8					53	67.1	4	5.1				
RAYAGADA	20	8	12	0.02	2.88	0.04	2.54	7	35	1	5			11	55	1	5				
SAMBALPUR	68	40	28	0.04	2.13	0.03	2.69	39	57.4	1	1.5			27	39.7	1	1.5				
SONAPUR	45	29	16	0.01	1.88	0.02	1.74	29	64.4					16	35.6						
SUNDARGARH	79	33	46	0.01	2.93	0.02	3.98	32	40.5	1	1.3			42	53.2	4	5.1				
TOTAL	1340	691	649	0.057	2.317			630	47	58	4.3	3	0.2	595	44.4	50	3.7	4	0.3		



District Wise Categorization of Change in Water Level: January – 16 Vs. Decadal Mean (Jan – 06 – Jan - 15)

Table 7.8

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
								0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
				Rise	Fall	Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%
ANUGUL	54	6	48	0.01	0.63	0.2	4.45	6	11.1					39	72.2	8	14.8	1	1.9
BALANGIR	69	16	53	0.03	3.51	0.06	3.83	15	21.7	1	1.4			52	75.4	1	1.4		
BALESHWAR	18	6	12	0.47	1.71	0.02	3.74	6	33.3					8	44.4	4	22.2		
BARGARH	72	21	51	0.08	2.5	0.04	3.32	19	26.4	2	2.8			39	54.2	12	16.7		
BAUDH	47	11	36	0.03	1.54	0.09	3.03	11	23.4					35	74.5	1	2.1		
BHADRAK	15	12	3	0.2	2.39	0.11	0.96	11	73.3	1	6.7			3	20				
CUTTACK	78	19	59	0.03	1.05	0.01	2.94	19	24.4					52	66.7	7	9		
DEBAGARH	10		10			0.15	2							10	100				
DHENKANAL	43	6	37	0.02	2.31	0.01	3.82	5	11.6	1	2.3			30	69.8	7	16.3		
GAJAPATI	32	21	11	0.09	2.27	0.04	3.09	20	62.5	1	3.1			10	31.3	1	3.1		
GANJAM	88	52	36	0.01	2.9	0.01	2.84	50	56.8	2	2.3			34	38.6	2	2.3		
JAGATSINGHA	19	1	18	0.4	0.4	0.3	1.53	1	5.3					18	94.7				
JAJAPUR	35	12	23	0.01	3.23	0.15	7.9	10	28.6	2	5.7			15	42.9	5	14.3	3	8.6
JHARSUGUDA	15	4	11	0.06	0.58	0.13	1.57	4	26.7					11	73.3				
KALAHANDI	43	4	39	0.07	0.72	0.03	3.49	4	9.3					32	74.4	7	16.3		
KENDRAPARA	24	3	21	0.07	1.48	0.11	1.23	3	12.5					21	87.5				
KENDUJHAR	87	43	44	0	3.55	0.04	2.59	41	47.1	2	2.3			42	48.3	2	2.3		
KHORDHA	75	4	71	0.01	0.21	0.06	3.36	4	5.3					62	82.7	9	12		
KORAPUT	55	8	47	0.19	1.28	0.01	3.55	8	14.5					45	81.8	2	3.6		
MALKANGIRI	19	1	18	0.1	0.1	0.08	2.55	1	5.3					17	89.5	1	5.3		
MAYURBHANJ	83	49	34	0.01	3.35	0.02	3.85	44	53	5	6			33	39.8	1	1.2		
NABARANGAPU	23	4	19	0.07	0.46	0.17	2.24	4	17.4					17	73.9	2	8.7		
NAYAGARH	40	9	31	0.01	1.74	0.05	2.93	9	22.5					30	75	1	2.5		
NUAPADA	23	3	20	0.08	1.66	0.14	3.7	3	13					15	65.2	5	21.7		
PURI	78	13	65	0	1.74	0.03	2.84	13	16.7					61	78.2	4	5.1		
RAYAGADA	20	2	18	0.23	1.86	0.17	3.73	2	10					16	80	2	10		
SAMBALPUR	75	17	58	0	1.15	0.01	3.3	17	22.7					51	68	7	9.3		
SONAPUR	45	8	37	0	1.24	0.05	2.71	8	17.8					29	64.4	8	17.8		
SUNDARGARH	82	16	66	0.01	1.12	0.04	8.03	16	19.5					54	65.9	11	13.4	1	1.2
TOTAL	1367	371	996	8.174	1.667			354	25.9	17	1.2			881	64.4	110	8	5	0.4

7.2.4 JANUARY' 2016 - DECADAL MEAN (JANUARY 2006- 2015)

The district-wise categorisation of change in water level during January 2016 with respect to the decadal mean (2006-2015) has been given in **Table 7.8** and the fluctuation map in **Plate 7.8**.

Rise in water level

A perusal of the data and map pertaining to January 2016 with reference to Decadal mean (2006-2015) shows that 27.1% of total NHS wells in the state shows rise in water level. Rise in water level between 0-2m has been observed in 25.9 % of the network stations in the state. All the districts have recorded rise of water level in this range. It varies from a minimum of 5.3% in Jagatsinghpur, Khordha, and Malkangiri district to a maximum rise of 73.3% in Bhadrak district. The rise in water level between the range of 2-4m has been noticed in 5 no. of wells in the Mayurbhanj. No wells show more than 4m rise in water level in any districts.

Fall in water level

Fall in water level is seen in the 72 % of NHS wells of the state. Fall in water level between 0-2 m has been observed in 64.4% of the network monitoring wells in the state. It ranges between 100% in Debagarh to 20% in Bhadrak district. Almost all the districts of the state has recorded more than 50% of wells in the range of 0-2m except Baleswar, Bhadrak, Ganjam, Gajapati and Mayurbhanj district. The range of 2-4m fall in water level has been observed in 8% of the state. The maximum is in Baleswar district (22.2%). A fall of more than 4m have been observed only in 0.4% of the total NHS monitored in the state which are in Anugul, Jajpur and Sundergarh districts.

In general a fall has been recorded in water level of January 2016 when compared with the decadal mean (January 2006-2015).

7.3 FLUCTUATION IN COMPARISON TO CORRESPONDING PERIOD OF PREVIOUS YEAR

7.3.1 APRIL 2014 - APRIL 2015

The district-wise categorisation of change in water level during April-2015 with respect to that of April-2014 has been given in **Table 7.9** and has been presented in **Plate 7.9**.

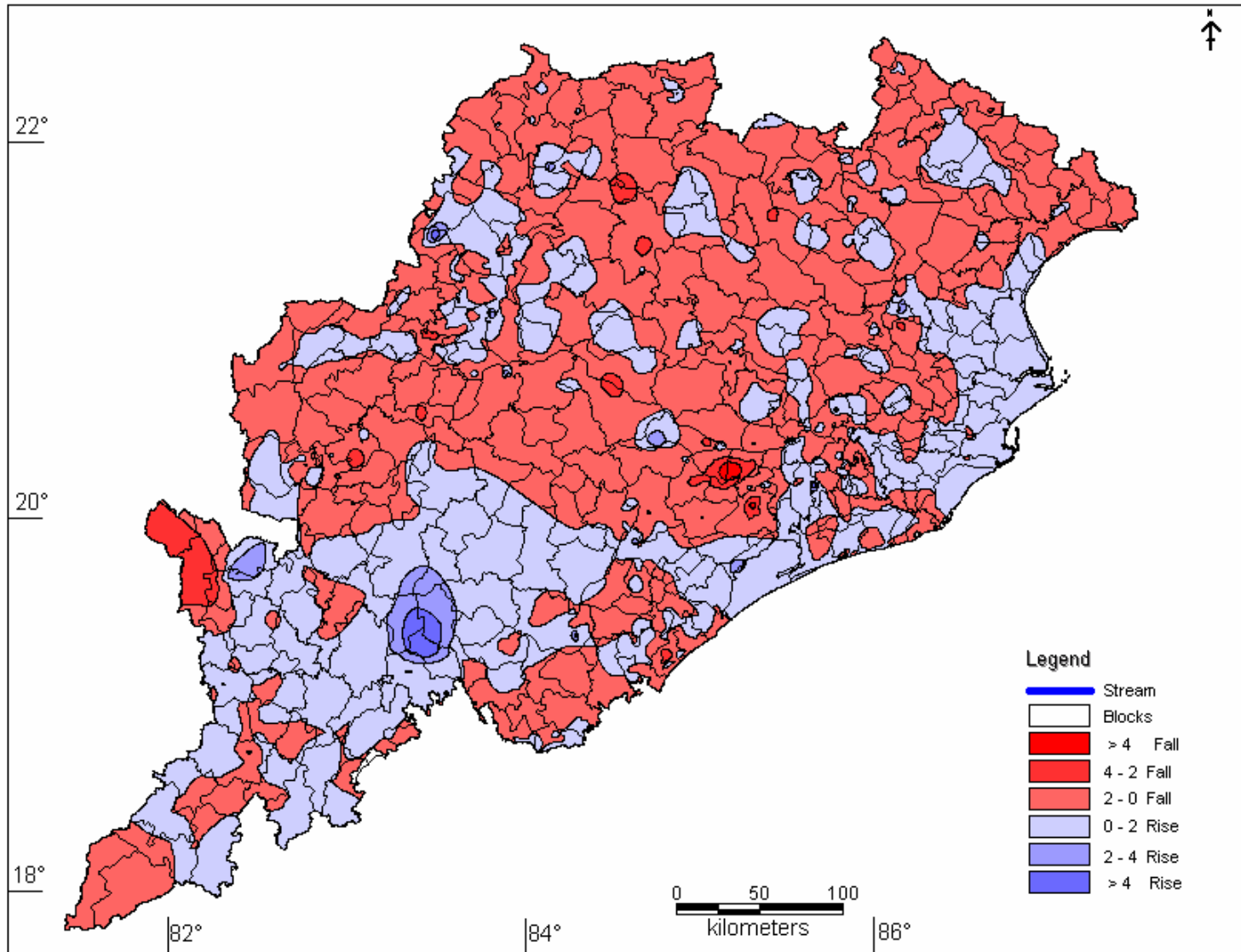
Rise of water level

A perusal of data and map showing the variation in water level of April 2015 with respect to April 2014 shows that 39.8% of the wells recorded a rise in water level. Maximum number of wells have shown rise in 0-2m range, i.e.,35.3% of the total wells analysed. All the districts show this range of rise. The command areas of the state have recorded a rise in this range. Rise in 2-4m range is noticed only in 1.4% of the wells, mainly in Bargarh, Cuttack, Gajapati, Ganjam, Jharsuguda, Keonjhar, Khordha, Koraput, Nayagarh and Sonapur districts. Rise of more than 4m is observed only in 0.6 % of the wells, which occur in isolated wells in the state.

Fall of water level

A perusal of data and map pertaining to the fluctuation of April 2015 with respect to April 2014 shows that in 60.11% of wells there has been fall in water level. The fall in water level in the range of 0-2m have been observed in 56.9 % of the wells in the state. It varies from minimum of 6.3 % in Bhadrak district to maximum of 83.7% in Boudh district. Fall in 2-4m range is observed only in 3% of wells. More than 4 m fall in water level has been observed in a minor 0.3% wells of the state.

In general a fall in water level has been observed in April 2015 with respect to April 2014.



DISTRICT WISE CATEGORIZATION OF CHANGE IN WATER LEVEL: APR – 14 – APR – 15

Table:-7.9

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
				0 – 2 m	2 – 4 m	>4 m	0 – 2 m	2 – 4 m	>4 m	No	%	No	%	No	%	No	%	No	%
ANUGUL	48	13	35	0.02	1.45	0.02	1.56	13	27.1					35	72.9				
BALANGIR	51	5	46	0.04	1.55	0.15	4.52	5	9.8					40	78.4	5	9.8	1	2
BALESHWAR	24	10	14	0.03	1.09	0.07	1.86	10	41.7					14	58.3				
BARGARH	51	30	21	0.02	5.52	0.03	3.18	29	56.9			1	2	19	37.3	2	3.9		
BAUDH	43	2	41	1.22	3.82	0.01	3.53	1	2.3	1	2.3			36	83.7	5	11.6		
BHADRAK	16	15	1	0.07	1.36	0.22	0.22	15	93.8					1	6.3				
CUTTACK	66	30	36	0.07	4.43	0.02	1.7	27	40.9	2	3	1	1.5	36	54.5				
DEBAGARH	8	3	5	0.15	1.65	0.6	3.2	3	37.5					4	50	1	12.5		
DHENKANAL	40	14	26	0.03	0.84	0.08	1.36	14	35					26	65				
GAJAPATI	24	10	14	0	4.82	0.01	1.69	7	29.2	1	4.2	1	4.2	14	58.3				
GANJAM	87	31	56	0	3	0.01	3.64	27	31	2	2.3			53	60.9	3	3.4		
JAGATSINGHA	14	10	4	0.1	1.95	0.1	0.3	10	71.4					4	28.6				
JAJAPUR	33	8	25	0.09	1.05	0.02	3.11	8	24.2					24	72.7	1	3		
JHARSUGUDA	12	7	5	0	2.6	0.1	1.95	4	33.3	1	8.3			5	41.7				
KALAHANDI	40	27	13	0	1.75	0.11	0.58	26	65					13	32.5				
KANDHAMAL	0	0	0																
KENDRAPARA	19	10	9	0	1.55	0.05	1	9	47.4					9	47.4				
KENDUJHAR	77	19	58	0.06	4.61	0.03	2.29	16	20.8	2	2.6	1	1.3	57	74	1	1.3		
KHORDHA	74	40	34	0	9.2	0.01	3.3	34	45.9	1	1.4	1	1.4	32	43.2	2	2.7		
KORAPUT	46	30	16	0	3	0.1	2.4	20	43.5	2	4.3			15	32.6	1	2.2		
MALKANGIRI	11	4	7	0.6	1.75	0.12	1.34	4	36.4					7	63.6				
MAYURBHANJ	67	12	55	0.04	0.91	0.06	2.27	12	17.9					53	79.1	2	3		
NABARANGAPU	16	13	3	0	4.1	0.25	3.25	11	68.8			1	6.3	2	12.5	1	6.3		
NAYAGARH	33	3	30	0.33	3.52	0.1	6.49	2	6.1	1	3			23	69.7	5	15.2	2	6.1
NUAPADA	20	10	10	0	1.2	0.33	2.26	8	40					9	45	1	5		
PURI	63	37	26	0	1.7	0.01	2.59	34	54					25	39.7	1	1.6		
RAYAGADA	19	14	5	0	6.5	0.1	0.8	12	63.2			1	5.3	5	26.3				
SAMBALPUR	62	20	42	0	1.15	0.02	2.8	17	27.4					40	64.5	2	3.2		
SONAPUR	38	17	21	0.06	3.54	0.06	1.8	16	42.1	1	2.6			21	55.3				
SUNDARGARH	s	25	49	0	2.9	0.05	3.6	21	28.4	2	2.7			47	63.5	2	2.7		
TOTAL	1176	469	707	2.93	82.51			415	35.3	16	1.4	7	0.6	669	56.9	35	3	3	0.3

7.3.2 AUGUST 2014 - AUGUST 2015

The district-wise categorization of change in water level during August-2015 with respect to August-2014 has been given in **Table 7.10** and rise/ fall map has been presented in **Plate 7.10**.

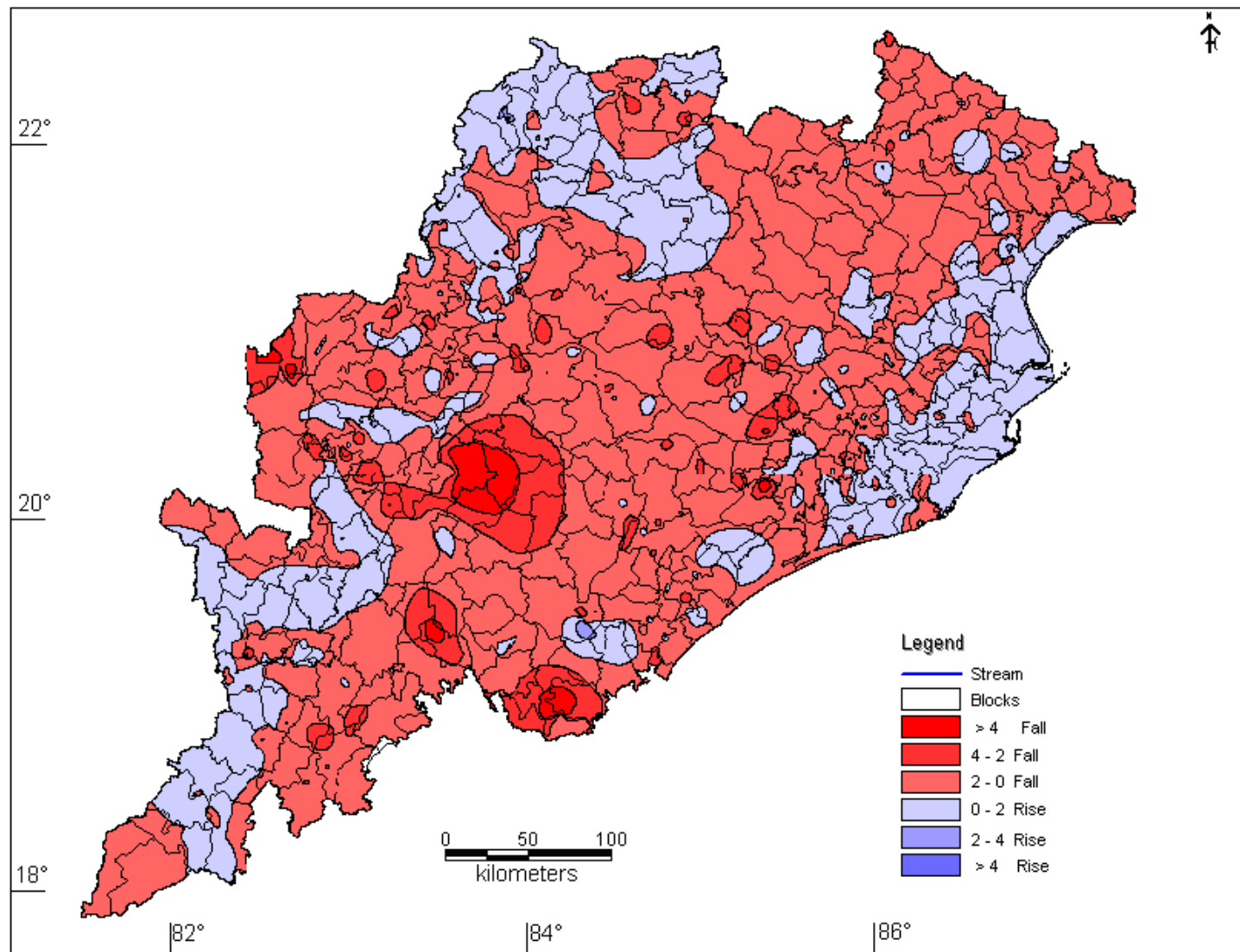
Rise in water level

A perusal of data and maps pertaining to fluctuation of August 2015 water level with that of August 2014 showed that 33.3% of the total stations showed a rise in water level. The rise is more in 0-2 m range ie about 30%; 1% in 2-4 m range and 0.1% in greater than 4 m range. All the districts have recorded water level in 0-2m range. 2-4m range occurs in isolated patches throughout the state. Only 1 well of the total wells monitored showed greater than 4 m rise.

Fall in water level

A total of 66.6% NHS showed a fall in water level in August 2015 as compared to August 2014. Out of which 57.7% wells showed fall in 0-2m range, 8% in 2-4m range and a minor 0.1% in greater than 4 m range. Kendujhar district shows a fall of 95.2% in the range of 0-2m. Fall in 2-4m range is found in isolated patches in the state with districts mainly Gajapati(39.1%), Nuapada (34.8%) and Balangir(20.8%) districts. Greater than 4m fall in water level is found in very few isolated well. They occur as minor patches within areas showing fall in 2-4m range.

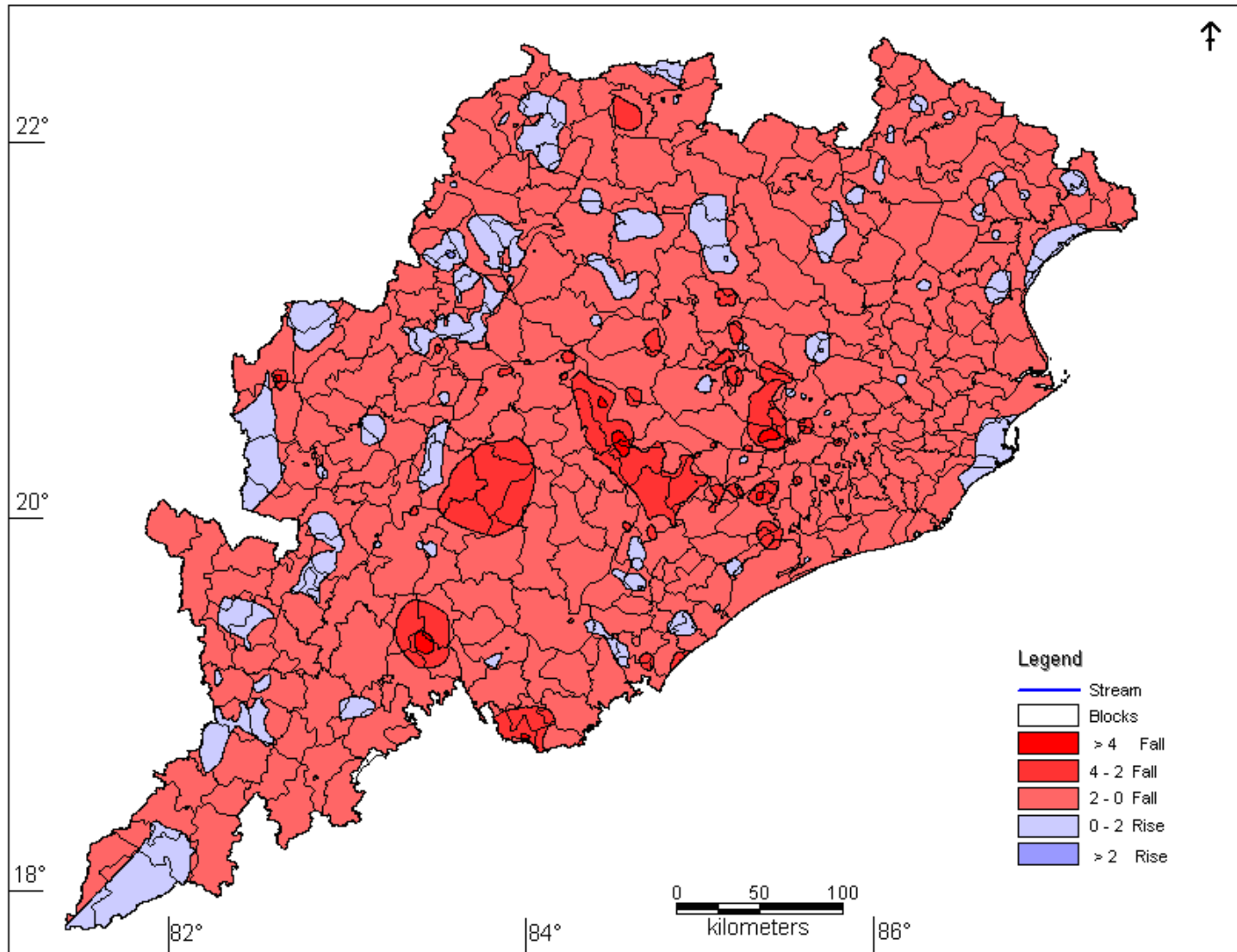
In general, majority of wells in the state recorded a fall in water level during August 2015 with respect to August 2014.



DISTRICT WISE CATEGORIZATION OF CHANGE IN WATER LEVEL AUG – 14 – AUG – 15

Table:-7.10

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
								0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
				Rise	Fall	Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%
ANUGUL	43	2	41	0.15	0.25	0.04	4.72	2	4.7					33	76.7	7	16.3	1	2.3
BALANGIR	53	12	41	0	2.5	0.07	3.8	9	17	2	3.8			30	56.6	11	20.8		
BALESHWAR	29	9	20	0.02	2.79	0.08	1.43	8	27.6	1	3.4			20	69				
BARGARH	69	41	28	0	1.69	0.01	2.84	39	56.5					27	39.1	1	1.4		
BAUDH	50	7	43	0.01	0.9	0.02	3.52	7	14					36	72	7	14		
BHADRAK	16	5	11	0.18	1.22	0.07	0.34	5	31.3					11	68.8				
CUTTACK	69	31	38	0	0.84	0.02	4.5	29	42					35	50.7	2	2.9	1	1.4
DEBAGARH	10	9	1	0.1	1.2	0.05	0.05	9	90					1	10				
DHENKANAL	38	13	25	0	0.74	0.02	4	11	28.9					21	55.3	3	7.9	1	2.6
GAJAPATI	23	1	22	3.34	3.34	0.26	6			1	4.3			12	52.2	9	39.1	1	4.3
GANJAM	80	10	70	0	1.19	0.01	4.03	9	11.3					60	75	9	11.3	1	1.3
JAGATSINGHA	19	15	4	0	0.45	0.05	0.1	14	73.7					4	21.1				
JAJAPUR	42	17	25	0.08	0.92	0.03	1.29	17	40.5					25	59.5				
JHARSUGUDA	15	9	6	0	2	0.15	1.4	7	46.7	1	6.7			6	40				
KALAHANDI	42	18	24	0	2.18	0.01	6.7	15	35.7	2	4.8			17	40.5	4	9.5	3	7.1
KENDRAPARA	18	13	5	0	0.5	0.05	0.3	12	66.7					5	27.8				
KENDUJHAR	84	4	80	0.04	0.29	0.04	1.9	4	4.8					80	95.2				
KHORDHA	75	17	58	0	1	0.05	3.85	16	21.3					53	70.7	5	6.7		
KORAPUT	52	19	33	0	2	0.05	3.6	16	30.8	1	1.9			25	48.1	8	15.4		
MALKANGIRI	15	11	4	0	1.35	0.1	1.8	9	60					4	26.7				
MAYURBHANJ	81	10	71	0	2.17	0.02	2.48	8	9.9	1	1.2			67	82.7	4	4.9		
NABARANGAPU	20	9	11	0	0.9	0.05	3.3	8	40					9	45	2	10		
NAYAGARH	39	0	39			0.05	7.35							33	84.6	5	12.8	1	2.6
NUAPADA	23	3	20	0.08	0.18	0.1	5.88	3	13					9	39.1	8	34.8	3	13
PURI	75	39	36	0.04	2.05	0.05	2.91	38	50.7	1	1.3			29	38.7	7	9.3		
RAYAGADA	20	3	17	0.15	1	0.01	4.8	3	15					15	75	1	5	1	5
SAMBALPUR	68	23	45	0	1.23	0.01	3.5	20	29.4					41	60.3	4	5.9		
SONAPUR	40	13	27	0.05	1.09	0.02	3.4	13	32.5					25	62.5	2	5		
SUNDARGARH	82	67	15	0	4.95	0.05	3.2	56	68.3	3	3.7	1	1.2	11	13.4	4	4.9		
TOTAL	1290	430	860	4.24	40.92			387	30	13	1	1	0.1	744	57.7	103	8	13	1



DISTRICT WISE CATEGORIZATION OF CHANGE IN WATER LEVEL NOV – 14 – NOV – 15

Table:-7.11

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
				Min	Max	Min	Max	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
								No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	47	3	44	1.55	2.25	0.12	4.91	2	4.3	1	2.1			28	59.6	15	31.9	1	2.1
BALANGIR	57	8	49	0.02	0.9	0.13	2.87	8	14					48	84.2	1	1.8		
BALESHWAR	29	3	26	0.12	1.13	0.02	0.58	3	10.3					26	89.7				
BARGARH	68	23	45	0	2.9	0.01	5.22	20	29.4	1	1.5			44	64.7	1	1.5		
BAUDH	53	0	53			0.23	6.09							27	50.9	23	43.4	3	5.7
BHADRAK	18	1	17	0.05	0.05	0.1	0.52	1	5.6					17	94.4				
CUTTACK	72	11	61	0	1.94	0.09	4.78	10	13.9					55	76.4	4	5.6	2	2.8
DEBAGARH	9	4	5	0.2	0.8	0.25	0.65	4	44.4					5	55.6				
DHENKANAL	41	5	36	0.19	2.25	0.11	2.79	4	9.8	1	2.4			31	75.6	5	12.2		
GAJAPATI	22	1	21	1.92	1.92	0.03	4.82	1	4.5					14	63.6	6	27.3	1	4.5
GANJAM	77	17	60	0	2.81	0.02	3.63	13	16.9	1	1.3			53	68.8	7	9.1		
JAGATSINGHA	17	2	15	0.25	1.3	0.15	1.2	2	11.8					15	88.2				
JAJAPUR	41	1	40	1.17	1.17	0.07	2.5	1	2.4					39	95.1	1	2.4		
JHARSUGUDA	15	2	13	0.3	1	0.2	1.9	2	13.3					13	86.7				
KALAHANDI	41	17	24	0	0.8	0.01	3.85	15	36.6					20	48.8	4	9.8		
KANDHAMAL	0	0	0																
KENDRAPARA	18	1	17	0.15	0.15	0.4	1.4	1	5.6					17	94.4				
KENDUJHAR	85	16	69	0	0.63	0.01	0.96	15	17.6					69	81.2				
KHORDHA	74	5	69	0.05	0.7	0.05	3.25	5	6.8					57	77	12	16.2		
KORAPUT	52	14	38	0	1	0.05	2.5	11	21.2					37	71.2	1	1.9		
MALKANGIRI	15	4	11	0.05	0.6	0.1	1.8	4	26.7					11	73.3				
MAYURBHANJ	82	12	70	0.01	0.69	0.02	1.77	12	14.6					70	85.4				
NABARANGAPU	21	4	17	0	0.45	0.02	1.2	2	9.5					17	81				
NAYAGARH	41	2	39	0	0.23	0.07	5.4	1	2.4					27	65.9	9	22	3	7.3
NUAPADA	22	4	18	0.05	0.55	0.15	5.06	4	18.2					15	68.2	2	9.1	1	4.5
PURI	79	12	67	0.01	1.24	0.12	3.11	12	15.2					62	78.5	5	6.3		
RAYAGADA	19	3	16	0	1.25	0.05	4.8	2	10.5					14	73.7	1	5.3	1	5.3
SAMBALPUR	67	17	50	0.02	1.85	0.02	2.33	17	25.4					49	73.1	1	1.5		
SONAPUR	44	13	31	0	0.93	0.02	1.91	12	27.3					31	70.5				
SUNDARGARH	75	22	53	0	1.85	0.05	2.85	17	22.7					46	61.3	7	9.3		
TOTAL	1301	227	1074	6.11	33.34			201	15.4	4	0.3			957	73.6	104	8	13	1

7.3.3 NOVEMBER 2014 - NOVEMBER 2015

The district-wise categorisation of change in water level during November-2015 with respect to November-2014 has been given in **table 7.11** and rise/ fall map has been presented in **Plate 7.11**.

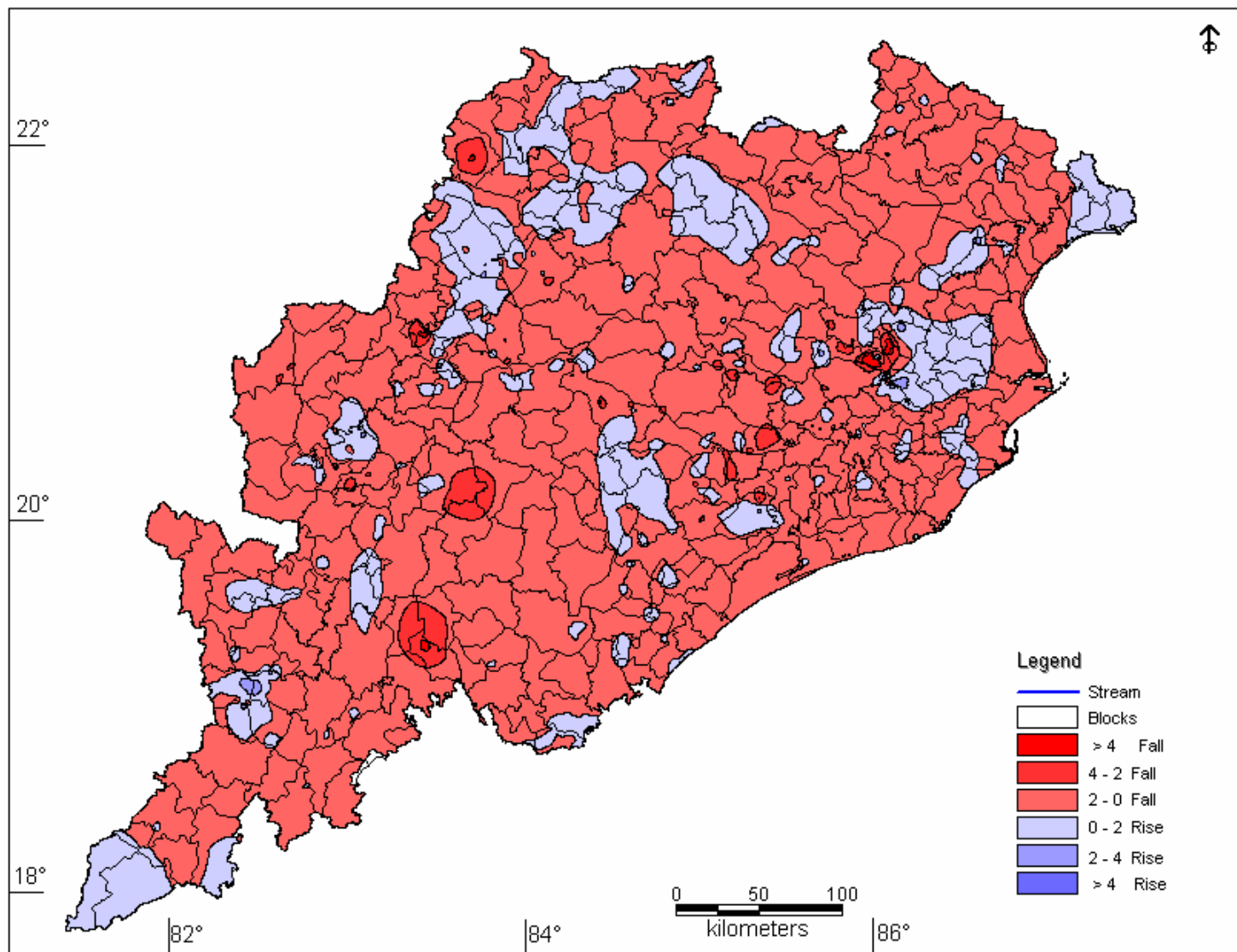
Rise in water level

A perusal of data and maps pertaining to fluctuation of November 2015 water level with that of November 2014 showed that 17% of the total stations showed a rise in water level. The rise is more in 0-2 m range ie 15.4% and 0.3% in 2-4 m range. All the districts have recorded in 0-2m range. 2-4m range occurs in isolated patches in four districts i.e Anugul Bargarh, Dhenkanal and Ganjam. No wells showed greater than 4 m rise.

Fall in water level

A total of 82.5% NHS showed a fall in water level in November 2015. Out of which 73.6% wells showed fall in 0-2m range, 8% in 2-4m range and a minor 1% in greater than 4 m range. All the districts have recorded fall in the range of 0-2m. A maximum of 95.1% in Jajpur, 94.4% in Kendrapara and Bhadrak, 89.7% in Baleswar and 88.2% districts shows fall in 0-2 m range. Fall in 2-4m range is found in isolated patches in the state maximum in Boudh (43.4%) , Augul (31.9%),and minimum in Sambalpur(1.5%). Greater than 4m fall in water level is found in some isolated areas of the state.

In general, majority of wells in the state recorded a fall in water level during November 2015 with respect to November 2014.



DISTRICT WISE CATEGORIZATION OF CHANGE IN WATER LEVEL (JANUARY 15 – JANUARY 16)

Table:-7.12

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
								0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
				Rise	Fall	Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%
ANUGUL	46	9	37	0.1	1.05	0.02	2.9	9	19.6					33	71.7	4	8.7		
BALANGIR	67	23	44	0.01	3.86	0.01	4.98	21	31.3	2	3			39	58.2	3	4.5	2	3
BALESHWAR	15	8	7	0.08	2.8	0.18	2.5	7	46.7	1	6.7			5	33.3	2	13.3		
BARGARH	67	33	34	0	2.42	0.01	2.08	30	44.8	2	3			31	46.3	3	4.5		
BAUDH	45	13	32	0.04	1.22	0.02	4.75	13	28.9					28	62.2	3	6.7	1	2.2
BHADRAK	12	7	5	0.17	1.81	0.05	1.66	7	58.3					5	41.7				
CUTTACK	72	18	54	0	1.62	0.06	3.74	16	22.2					49	68.1	5	6.9		
DEBAGARH	10	3	7	0.1	0.4	0.1	1.05	3	30					7	70				
DHENKANAL	41	6	35	0.06	2.57	0.01	3.35	5	12.2	1	2.4			28	68.3	7	17.1		
GAJAPATI	28	9	19	0.04	0.72	0.03	0.22	9	32.1					19	67.9				
GANJAM	81	16	65	0.02	0.52	0.04	0.31	16	19.8					65	80.2				
JAGATSINGHA	17	4	13	0.05	0.9	0.2	0.8	4	23.5					13	76.5				
JAJAPUR	35	14	21	0.11	5.13	0.05	9.07	9	25.7	3	8.6	2	5.7	11	31.4	6	17.1	4	11.4
JHARSUGUDA	15	5	10	0.15	1.6	0.05	1	5	33.3					10	66.7				
KALAHANDI	42	10	32	0.05	0.7	0.05	3.2	10	23.8					30	71.4	2	4.8		
KENDRAPARA	20	4	16	0	0.75	0.1	0.95	3	15					16	80				
KENDUJHAR	83	12	71	0.02	1.91	0.02	1.66	12	14.5					71	85.5				
KHORDHA	74	13	61	0	0.6	0.05	1.6	11	14.9					61	82.4				
KORAPUT	53	17	36	0	3.95	0.05	1.5	11	20.8	4	7.5			36	67.9				
MALKANGIRI	18	3	15	0.1	0.35	0.05	1.5	3	16.7					15	83.3				
MAYURBHANJ	82	7	75	0.03	0.26	0.02	1.85	7	8.5					75	91.5				
NABARANGAPU	22	3	19	0	0.93	0.1	0.78	2	9.1					19	86.4				
NAYAGARH	39	11	28	0.01	2.18	0.09	4.29	10	25.6	1	2.6			21	53.8	6	15.4	1	2.6
NUAPADA	20	4	16	0.1	1.31	0.13	2.44	4	20					14	70	2	10		
PURI	75	11	64	0	1.38	0.05	2.45	9	12					63	84	1	1.3		
RAYAGADA	20	1	19	0.15	0.15	0.05	4.3	1	5					18	90	1	5		
SAMBALPUR	72	24	48	0	1.6	0.01	3.1	23	31.9					47	65.3	1	1.4		
SONAPUR	41	15	26	0.04	0.97	0.12	2.21	15	36.6					22	53.7	4	9.8		
SUNDARGARH	81	33	48	0	2.2	0.05	4.3	26	32.1	1	1.2			45	55.6	2	2.5	1	1.2
TOTAL	1293	336	957	1.43	45.86			301	23.3	15	1.2	2	0.2	896	69.3	51	3.9	10	0.8

7.3.4 JANUARY 2016 – JANUARY 2015

The district-wise categorisation of change in water level during January-2016 with respect to that of January-2015 has been given in **table 7.12** and has been presented in **Plate 7.12**.

Rise in water level

A perusal of data and maps pertaining to fluctuation of January 2016 water level with that of January 2015 showed that 45.86% of the total stations showed a rise in water level. The rise is more in 0-2 m range i.e 23.3%.the district which has recorded a rise in the range of 0-2m are Bhadrak (58.3%), Baleshwar (46.7%)and Bargarh (44.8%). 1.2% wells shows rise in 2- 4 m range, The districts which has recorded rise in 2-4m range are Jajpur (8.6%),Koraput (7.5%), Balangir (3%) Bargarh(3%), Dhenkanal (2.4%), Nayagarh (2.6%) and 0.2 % of the total wells monitored showed greater than 4 m rise. They occur as minor patches within areas showing rise in 2- 4 m range.

Fall in water level

A total of 74% NHS showed a fall in water level in January 2016. Out of all stations, 69.3% wells showed fall in 0-2m range, 3.9% in 2-4m range and a minor 0.8 % in greater than 4 m range. Fall in 0-2m range is maximum ie 91.5% in Mayurbhanj district and minimum of 31.4% in Jajpur district showing water level fall in this range. Greater than 4m fall in water level is found in 4 wells of Jajpur, 2 wells of balangir and 1 well of Baudh, Nayagarh , Rayagada and Sundergarh district.

In general, more than 70% of wells in the state recorded a fall in water level during January 2016 with respect to January 2015.

7.4 FLUCTUATION WITH RESPECT TO PRE-MONSOON WATER LEVEL

7.4.1 APRIL 2015 - AUGUST 2015

The district-wise categorisation of water level fluctuation of April-2015 with respect to August-2015 has been given in **Table 7.13** and rise / fall map has been presented in **Plate 7.13**.

Rise in water level

97% of the wells monitored in August 2015 showed a rise in water level when compared with that of April 2015 (Pre-monsoon). 31.3% of wells showed rise in 0-2 m range,

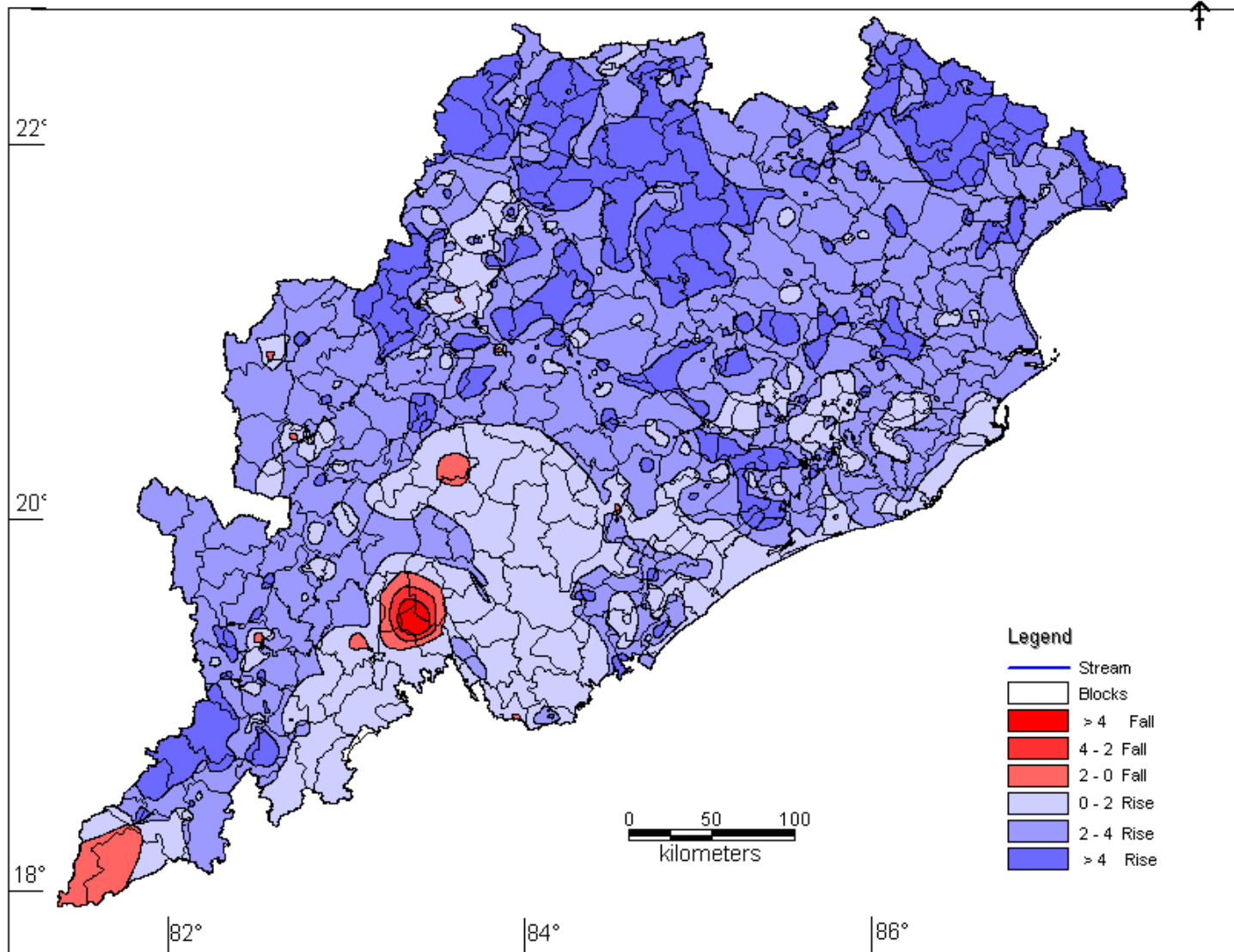


Table:-7.13

DISTRICT WISE CATEGORIZATION OF CHANGE IN WATER LEVEL (APRIL 15- AUGUST 15)

STATE :- ODISHA

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
								0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
				Rise	Fall	Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%
ANUGUL	43	43	0	1.07	7.45			6	14	25	58.1	12	27.9						
BALANGIR	62	62	0	0.33	5.35			15	24.2	40	64.5	7	11.3						
BALESHWAR	23	23	0	1.54	5.35			1	4.3	10	43.5	12	52.2						
BARGARH	62	61	1	0.02	6.96	0.12	0.12	32	51.6	11	17.7	18	29	1	1.6				
BAUDH	54	52	2	0.33	6.04	0.2	1.89	7	13	29	53.7	16	29.6	2	3.7				
BHADRAK	14	14	0	0.49	3.83			4	28.6	10	71.4								
CUTTACK	68	66	2	0.16	5.72	0.11	2.84	38	55.9	22	32.4	6	8.8	1	1.5	1	1.5		
DEBAGARH	10	10	0	1.95	7.3			1	10	5	50	4	40						
DHENKANAL	40	39	1	0.04	5.79	0.08	0.08	5	12.5	21	52.5	13	32.5	1	2.5				
GAJAPATI	27	25	2	0.02	5.78	0.37	0.59	17	63	6	22.2	2	7.4	2	7.4				
GANJAM	85	82	3	0.02	5.94	0.02	1.49	36	42.4	37	43.5	9	10.6	3	3.5				
JAGATSINGHA	16	16	0	0.45	2.8	8	50			8	50								
JAJAPUR	39	39	0	1.95	5.63			2	5.1	19	48.7	18	46.2						
JHARSUGUDA	13	13	0	0.4	6.7			1	7.7	4	30.8	8	61.5						
KALAHANDI	40	38	2	0.28	6.06	0.05	0.6	14	35	20	50	4	10	2	5				
KENDRAPARA	21	21	0	1.1	3.25			6	28.6	15	71.4								
KENDUJHAR	82	82	0	0.72	4.96			5	6.1	60	73.2	17	20.7						
KHORDHA	74	73	1	0	7.25	3.8	3.8	34	45.9	22	29.7	16	21.6			1	1.4		
KORAPUT	52	50	2	0.05	6	0.05	0.2	24	46.2	14	26.9	12	23.1	2	3.8				
MALKANGIRI	19	18	1	0.6	7.64	0.4	0.4	4	21.1	7	36.8	7	36.8	1	5.3				
MAYURBHANJ	75	75	0	2.06	9.15					36	48	39	52						
NABARANGAPU	19	18	1	1	5.1	1.95	1.95	2	10.5	10	52.6	6	31.6	1	5.3				
NAYAGARH	48	48	0	0.4	8.12			15	31.3	23	47.9	10	20.8						
NUAPADA	24	22	2	0.23	3.93	0.72	2.05	14	58.3	8	33.3			1	4.2	1	4.2		
PURI	65	59	6	0.12	4.15	0.2	0.7	39	60	19	29.2	1	1.5	6	9.2				
RAYAGADA	20	17	3	0	3.4	0.05	7.4	11	55	5	25			2	10			1	5
SAMBALPUR	71	70	1	0	6.9	0.01	0.01	15	21.1	23	32.4	31	43.7	1	1.4				
SONAPUR	44	42	2	0.07	5.77	0.03	0.22	22	50	10	22.7	10	22.7	2	4.5				
SUNDARGARH	79	78	1	0.4	10.8	1.05	1.05	25	31.6	20	25.3	33	41.8	1	1.3				
TOTAL	1289	1256	33	15.8	173.1			403	31.3	539	41.8	311	24.1	29	2.2	3	0.2	1	0.1

41.8% in 2-4 m range and 24.1 % rise in the range of more than 4m. A maximum of 63% of wells in Gajapati district and a minimum of 4.3% in Baleshwar district recorded a rise in the range of 0-2m. A maximum of 73.2% of wells in Kendujhar district and a minimum of 17.7% in Bargarh district recorded rise in the range of 2 – 4m with majority of the districts in the state have more than 20% of the wells showing rise in this range.

Fall in water level

Only 2.5% of the wells monitored showed a fall in water level. 2.2% of wells showed fall in 0-2 m range.. 0.1% of wells in the state showed fall in water level in 2-4 m The fall in 2-4m range is seen in Cuttack, Khordha and Nuapada districts, 0.1% of well shows fall in more than 4m in Rayagada district. In general as it should be, a rise in water level is observed throughout the state during August 2015 with respect to April 2015 and majority of wells recorded 0-4 m rise because of recharge of aquifer due to monsoon rainfall.

7.4.2 APRIL 2015 - NOVEMBER 2015

The district-wise categorisation of water level fluctuation of November 2015 with respect to April-2015 has given in **Table 7.14** has been shown in **Plate :- 7.14** .

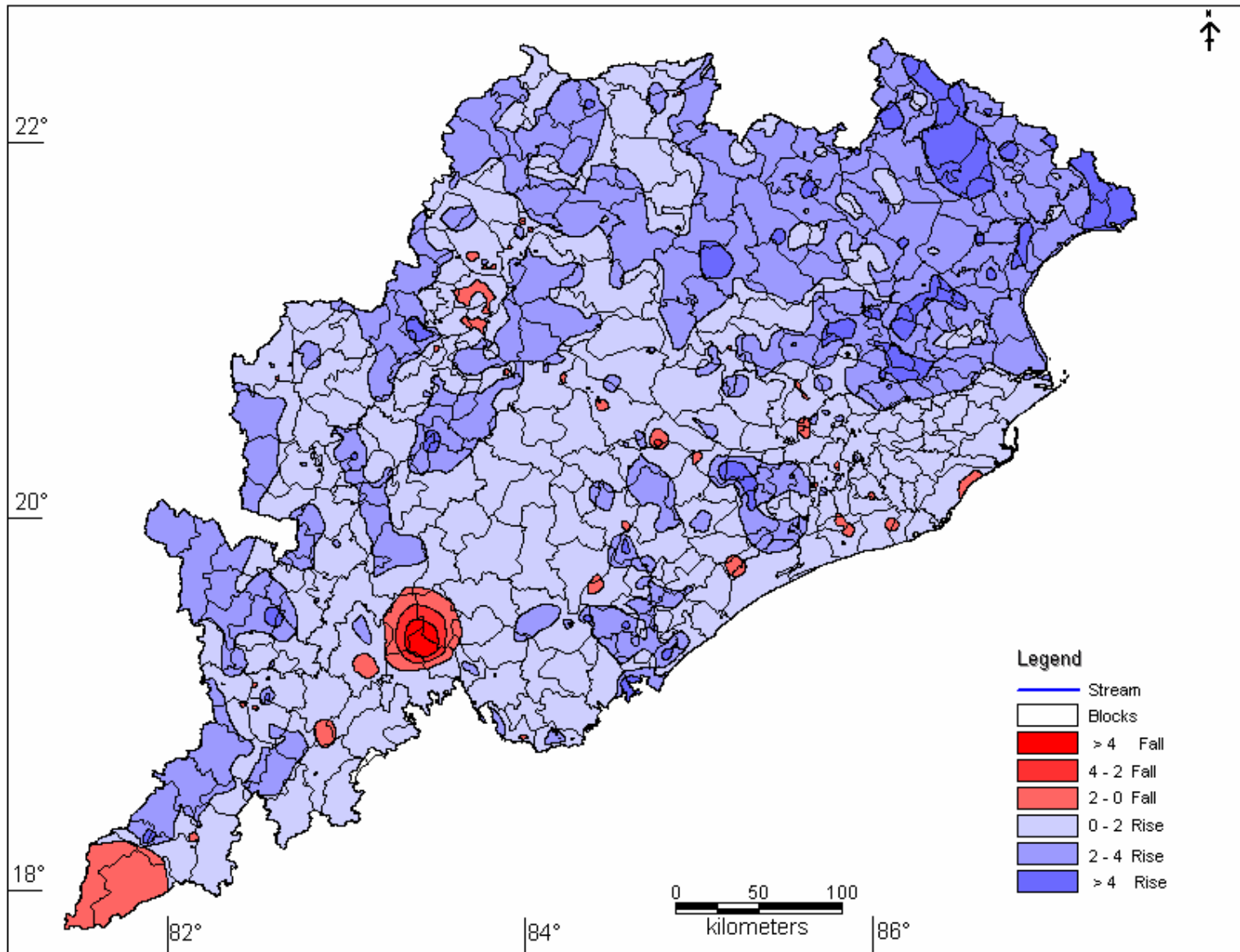
Rise in water level

91.8 % of the wells monitored in November 2015 showed a rise in water level when compared with that of April 2015 (Pre-monsoon). 52.7% of wells showed rise in 0-2 m range, 31.3% in 2-4 m range and 7.1% rise in the range of more than 4m. A maximum of 87% of wells in Kendrapada district and a minimum of 2.7% in Jajpur district recorded a rise in the range of 0-2m. A maximum of 64.9% of wells in Mayurbhanj and a minimum of 8.7% in Cuttack district recorded rise in the range of 2 – 4m with majority of the districts in the state have more than 20% of the wells showing rise in this range.

Fall in water level

Only 8.1% of the wells monitored showed a fall in water level. 7.5% of wells showed fall in 0-2 m range, 0.5% well in 2-4m range and 0.2% well in more than 4m . .

In general as it should be, a rise in water level is observed throughout the state during November 2015 with respect to April 2015 and majority of wells recorded 0-4 m rise because of recharge of aquifer due to monsoon rainfall.



DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
				Min	Max	Min	Max	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
								No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	44	43	1	0.08	7.2	0.45	0.45	26	59.1	16	36.4	1	2.3	1	2.3				
BALANGIR	64	61	3	0.1	7.4	0.03	0.73	39	60.9	18	28.1	4	6.3	3	4.7				
BALESHWAR	23	23	0	1.2	5.17			3	13	11	47.8	9	39.1						
BARGARH	62	50	12	0	4.35	0.01	1.06	30	48.4	17	27.4	1	1.6	12	19.4				
BAUDH	53	47	6	0.15	3.18	0.1	2.6	35	66	12	22.6			4	7.5	2	3.8		
BHADRAK	16	16	0	0.38	4.72			6	37.5	9	56.3	1	6.3						
CUTTACK	69	60	9	0.05	3.23	0.05	3.05	54	78.3	6	8.7			8	11.6	1	1.4		
DEBAGARH	10	9	1	0	3.55	0.25	0.25	2	20	6	60			1	10				
DHENKANAL	40	36	4	0.11	6.26	0.07	0.41	21	52.5	12	30	3	7.5	4	10				
GAJAPATI	28	26	2	0.03	7.14	0.16	0.85	16	57.1	6	21.4	4	14.3	2	7.1				
GANJAM	83	81	2	0.04	6	0.76	1.11	44	53	26	31.3	11	13.3	2	2.4				
JAGATSINGHA	15	14	1	0.15	1.6	0.65	0.65	14	93.3					1	6.7				
JAJAPUR	37	37	0	1.89	5.9			1	2.7	20	54.1	16	43.2						
JHARSUGUDA	13	13	0	0.4	4.35			7	53.8	5	38.5	1	7.7						
KALAHANDI	39	38	1	0.03	4.87	0.09	0.09	22	56.4	15	38.5	1	2.6	1	2.6				
KANDHAMAL	0	0	0																
KENDRAPARA	23	23	0	0.35	3.1			20	87	3	13								
KENDUJHAR	82	82	0	0.39	5.09			28	34.1	47	57.3	7	8.5						
KHORDHA	74	64	10	0	5.4	0.04	4.6	45	60.8	15	20.3	3	4.1	9	12.2			1	1.4
KORAPUT	52	44	8	0	5.9	0.05	1.6	30	57.7	12	23.1	1	1.9	8	15.4				
MALKANGIRI	19	17	2	0.7	6.54	1	1.05	6	31.6	8	42.1	3	15.8	2	10.5				
MAYURBHANJ	74	74	0	0.72	7.68			11	14.9	48	64.9	15	20.3						
NABARANGAPUR	20	20	0	0.5	5			12	60	6	30	2	10						
NAYAGARH	47	43	4	0.05	7.09	0.1	3.1	33	70.2	7	14.9	3	6.4	3	6.4	1	2.1		
NUAPADA	23	20	3	0.6	2.45	0.1	0.17	16	69.6	4	17.4			3	13				
PURI	66	55	11	0	1.75	0.02	1.1	54	81.8					11	16.7				
RAYAGADA	20	16	4	0.05	2.6	0.1	7.3	12	60	4	20			3	15			1	5
SAMBALPUR	69	62	7	0.17	5.27	0.05	2.26	32	46.4	29	42	1	1.4	6	8.7	1	1.4		
SONAPUR	45	37	8	0	4.74	0.01	0.37	19	42.2	15	33.3	2	4.4	8	17.8				
SUNDARGARH	76	70	6	0	5.3	0.05	2	40	52.6	26	34.2	2	2.6	5	6.6	1	1.3		
TOTAL	1286	1181	105	8.14	142.8			678	52.7	403	31.3	91	7.1	97	7.5	6	0.5	2	0.2

7.4.3 APRIL 2015 – JANUARY 2016

The district-wise categorisation of water level fluctuation of January 2016 with respect to April-2015 has been given in **table 7.15** and has been presented in **Plate 7.15**.

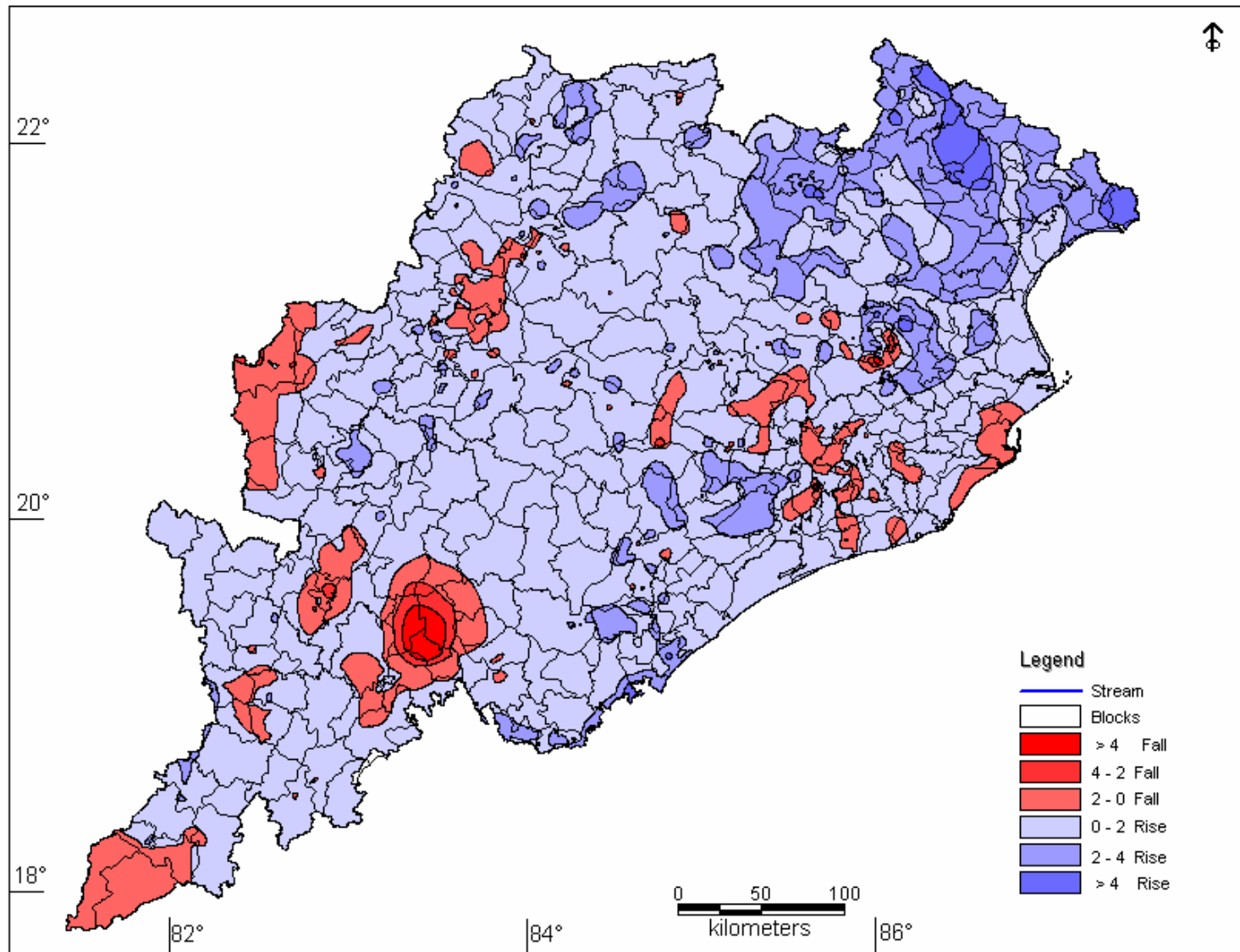
Rise in water level

A perusal of the data and map pertaining to January 2016 with reference to April 2015 shows that rise in water level between 0-2m has been observed in 60.3% of the wells with maximum of 89.5% of wells in Nabarangpur district and a minimum of 27% in Mayurbhanj district recorded. 18% of wells are in 2-4 m range and 1.7% well shows rise in the range of more than 4m.

Fall in water level

19% of the wells monitored showed a fall in water level. 17.8% of wells showed fall in 0-2 m range. District showing fall in this range are Rayagada (45%), Khurda (42.5%), Bargarh (40%) and minimum of 2.7% fall in Mayurbhanj district. 0.9% of wells shows fall in 2-4m range. A maximum of 8.7% in Nuapada district and in minimum of 1.3% in Sundargarh district recorded in this range. The percentage of wells falling in greater than 4 m range is only 0.3% which is mostly in Jajpur district.

In general as it should be, a rise in water level is observed throughout the state during January 2016 with respect to April 2015 and majority of wells recorded 0-4 m rise because of recharge of aquifer due to monsoon rainfall.



DISTRICT WISE CATEGORIZATION OF CHANGE IN WATER LEVEL (APR 15 – JAN 16)

Table:-7.15

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
				Min	Max	Min	Max	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
								No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	47	40	7	0.02	2.65	0.03	0.5	34	72.3	6	12.8			7	14.9				
BALANGIR	65	63	2	0.58	4.95	0.25	0.46	48	73.8	14	21.5	1	1.5	2	3.1				
BALESHWAR	13	13	0	0.41	4.19			5	38.5	7	53.8	1	7.7						
BARGARH	60	35	25	0	2.54	0.02	2.25	31	51.7	3	5			24	40	1	1.7		
BAUDH	44	41	3	0.2	2.93	0.05	0.6	30	68.2	11	25			3	6.8				
BHADRAK	11	11	0	1.23	2.79			5	45.5	6	54.5								
CUTTACK	71	55	16	0.01	3	0.01	3.91	53	74.6	2	2.8			15	21.1	1	1.4		
DEBAGARH	10	8	2	0.05	2.2	1.25	1.35	6	60	2	20			2	20				
DHENKANAL	40	27	13	0.04	3.94	0.02	1.39	23	57.5	4	10			13	32.5				
GAJAPATI	28	25	3	0.14	6.43	0.12	0.4	16	57.1	7	25	2	7.1	3	10.7				
GANJAM	85	82	3	0.07	5.72	0.23	0.59	55	64.7	24	28.2	3	3.5	3	3.5				
JAGATSINGHA	15	10	5	0.05	0.9	0.1	1.3	10	66.7					5	33.3				
JAJAPUR	27	23	4	0.18	5.78	0.48	6.57	12	44.4	6	22.2	5	18.5	1	3.7	1	3.7	2	7.4
JHARSUGUDA	13	13	0	0.15	3.25			10	76.9	3	23.1								
KALAHANDI	40	29	11	0.05	2.2	0.05	2.9	27	67.5	2	5			9	22.5	2	5		
KANDHAMAL	0	0	0																
KENDRAPARA	23	20	3	0	2.7	0.05	0.5	18	78.3	1	4.3			3	13				
KENDUJHAR	81	81	0	0.1	5.11			43	53.1	36	44.4	2	2.5						
KHORDHA	73	41	32	0	4.1	0.05	7.8	33	45.2	5	6.8	1	1.4	31	42.5			1	1.4
KORAPUT	51	33	18	0	3.2	0.05	1.85	29	56.9	2	3.9			18	35.3				
MALKANGIRI	18	15	3	0.45	3.14	0.3	1.8	12	66.7	3	16.7			3	16.7				
MAYURBHANJ	74	72	2	0.78	7.1	0.06	0.08	20	27	47	63.5	5	6.8	2	2.7				
NABARANGAPU	19	18	1	0.15	2.15	0.2	0.2	17	89.5	1	5.3			1	5.3				
NAYAGARH	39	35	4	0.47	4.01	0.15	3.17	25	64.1	9	23.1	1	2.6	3	7.7	1	2.6		
NUAPADA	23	16	7	0	2.03	0.15	2.45	13	56.5	1	4.3			5	21.7	2	8.7		
PURI	64	46	18	0	1.76	0.05	1.25	45	70.3					18	28.1				
RAYAGADA	20	10	10	0.05	1.8	0.05	8.4	10	50					9	45			1	5
SAMBALPUR	73	59	14	0	3.57	0.01	2.99	47	64.4	11	15.1			13	17.8	1	1.4		
SONAPUR	44	26	18	0	2.08	0.01	2.25	23	52.3	1	2.3			17	38.6	1	2.3		
SUNDARGARH	77	64	13	0.05	3.2	0.05	2	53	68.8	11	14.3			12	15.6	1	1.3		
TOTAL	1248	1011	237	5.23	99.42			753	60.3	225	18	21	1.7	222	17.8	11	0.9	4	0.3

8.0 HYDROCHEMISTRY

The chemical quality of ground water has been evaluated by chemically analyzing water samples collected from National Hydrograph Network Stations (NHNS) during the month of April . The water samples for these purposes were collected in clean 1.0 litre plastic bottles after rinsing 2 to 3 times with the water samples to be collected. Various chemical constituents present in ground water samples were analysed at Regional Chemical Laboratory, Central Ground Water, Board, South Eastern Region, Bhubaneswar, as per standard methods available.

The chemical quality of ground water of shallow wells in the state is found to vary widely, depending upon the physiography, soil texture and underlain soil formations. The shallow aquifer of inland zone is mostly fresh and relatively saline for coastal plain where most of the wells are located in alluvium. These aquifers at places are of high electrical conductivity (E.C.) and chloride concentration. Some of the locations having high values of E.C. are incorporated in Table 8.1 and Some of the locations having high values of chloride are incorporated in Table 8.2.

Table 8.1 Location of wells having high electrical conductivity (E.C. > 2000 μ S/cm)

DISTRICT_NAME	BLOCK_NAME	SITE_NAME	EC
ANUGUL	BANARPAL	Bhogabereni	4240
ANUGUL	TALACHER	Tentulai	2350
ANUGUL	BANARPAL	Kukurang	2300
ANUGUL	ANUGUL	Bantala-li	2100
BARGARH	BIJEPUR	Burdapali	2550
BAUDH	BAUDH SADAR	Badhigan	2200
DHENKANAL	KAMAKSHAYA NAGAR	Hatwari	2620
GANJAM	JAGANATHPRASAD	Baragam	4013
GANJAM	GANJAM	Huma	2604
GANJAM	RANGILUNDA	Golanthara	2413
GANJAM	HINJILICUT	Hinjlikatu	2302
GANJAM	BHANJANAGAR	Mujhagarh	2239
GANJAM	ASIKA	Nuagaon2	2201
GANJAM	KUKUDAKHANDI	Kukudahandi	2123
KALAHANDI	JUNAGARH	Badbasul	2570
KALAHANDI	KOKASARA	Sunamala	2550
KALAHANDI	GOLAMUNDA	Daspur	2540
PURI	NIMAPADA	Balanga	3800
PURI	SADAR	Pratapramchandr	3550
PURI	SATYABADI	Nuasamsarpur	3200
PURI	SADAR	Tulasichoura-Malatipatapur	2311
PURI	SATYABADI	Sakhigopal	2283
SAMBALPUR	MANESWAR	Sahaspur	2340
SAMBALPUR	JUJOMURA	Maneswar	2260
SONAPUR	ULUNDA	Metakani	3300

Table 8.2 Location of wells having high chloride (>250 mg/L)

DISTRICT_NAME	BLOCK_NAME	SITE_NAME	CHLORIDE
ANUGUL	BANARPAL	Bhogabereni	872.07
ANUGUL	TALACHER	Tentulai	475.03
ANUGUL	BANARPAL	Kukurang	301.325
ANUGUL	ANUGUL	Bantala-li	298
ANUGUL	ANUGUL	Jarpada	287.145
ANUGUL	BANARPAL	Kuio	280.055
BALANGIR	AGALPUR	Ichhapur	277
BALESHWAR	NILAGIRI	Benthiapada	386.405
BALESHWAR	OUPADA	Sialghati	358
BARGARH	BIJEPUR	Burdapali	574.29
BARGARH	BARAPALI	Kusanpur	567.2
BARGARH	SOHELA	Grinjal	432.49
BARGARH	SOHELA	Para	336.775
BARGARH	BHEDEN	Bheden 1	304.87
BARGARH	BARGARH	Rengalpali	294.2
BARGARH	BARAPALI	Gopipali	262.33
BARGARH	BHATLI	Katapali	258.785
BARGARH	RAJBORASAMBAR	Mahulpali	251.695
BAUDH	BAUDH SADAR	Badhigan	655.825
BAUDH	BAUDH SADAR	Jahanapank	301.325
BAUDH	BAUDH SADAR	Khajuripada	255.24
BHADRAK	BHANDARIPOKHARI	Akhuapada	432.5
BHADRAK	BHANDARIPOKHARI	Puriparabenipur	255.24
CUTTACK	CUTTACKSADAR	Tangi1	368.68
CUTTACK	NARASINGHPUR	Balijhari 1	258.785
DHENKANAL	PARAJANG	Kandarsingha	432.49
DHENKANAL	KAMAKSHAYA NAGAR	Hatwari	414.765
DHENKANAL	SADAR	Bhapur2	276.51
GAJAPATI	PARLAKHEMUNDI	Garapanth	372.225
GAJAPATI	KASHINAGARA	Kasinagar	283.6
GANJAM	JAGANATHPRASAD	Baragam	1081.225
GANJAM	GANJAM	Huma	762.175
GANJAM	BHANJANAGAR	Mujhagarh	709
GANJAM	HINJILICUT	Hinjlikatu	684.185
GANJAM	RANGILUNDA	Golanthara	638.1
GANJAM	ASIKA	Nuagaon2	485.665
GANJAM	KUKUDAKHANDI	Kukudahandi	400.585
GANJAM	RANGILUNDA	Korapalli	372.225
GANJAM	KAVISURJYANAGAR	Gudiali	354.5
GANJAM	RANGILUNDA	Phulata	354.5
GANJAM	HINJILICUT	Pochilima	336.775

GANJAM	KHALIKOTE	Rambha	311.96
GANJAM	CHHATRAPUR	Ganjam	301.325
GANJAM	BELLAGUNTHA	Gobara	290.69
GANJAM	RANGILUNDA	Gopalpur	287.145
GANJAM	RANGILUNDA	Golabandha	283.6
GANJAM	CHHATRAPUR	Govindpur1	276.51
GANJAM	BELLAGUNTHA	Nunipada	276.51
JAGATSINGHAPUR	ERSAMA	Ersama2	386.405
JAGATSINGHAPUR	ERSAMA	Balituth	308.4
KALAHANDI	GOLAMUNDA	Daspur	560.11
KALAHANDI	JUNAGARH	Badbasul	404.13
KALAHANDI	KOKASARA	Sunamala	386.405
KALAHANDI	KOKASARA	Koksara	258.785
MAYURBHANJ	BISOI	Bhatachhatra	326.1
MAYURBHANJ	RARUAN	Itighar	276.51
PURI	NIMAPADA	Balanga	868.5
PURI	SADAR	Pratapramchandr	779.9
PURI	SATYABADI	Nuasamsarpur	623.92
PURI	SADAR	Tulasichoura- Malatipatapur	471.49
PURI	SATYABADI	Sakhigopal	460.85
RAYAGADA	PADMAPUR	Kenduguda	315.505
SAMBALPUR	JUJOMURA	Maneswar	538.84
SAMBALPUR	MANESWAR	Sahaspur	521
SONAPUR	ULUNDA	Metakani	904
SONAPUR	ULUNDA	Phulmuthi	421.9
SONAPUR	DUNGURIPALI	Karlajuri	308.4
SONAPUR	BINIKA	Ankhidadar	255

Some of the prime locations having high values of fluoride are given in Table-8.3

DISTRICT_NAME	BLOCK_NAME	SITE_NAME	FLUORIDE
ANUGUL	BANARPAL	Bhogabereni	3.27
ANUGUL	BANARPAL	Kukurang	2.86
ANUGUL	ANUGUL	Bantala-li	1.44
ANUGUL	CHHENDIPADA	Bagharia	1.44
ANUGUL	TALACHER	Sendhogram	1.42
ANUGUL	BANARPAL	Tulsipal	1.16
ANUGUL	BANARPAL	Kuio	1.04
BALANGIR	SAINTALA	Dumalpada	1.55
BALANGIR	AGALPUR	Ichhapur	1.45
BALANGIR	LOISINGA	Jogisurda	1.23
BALANGIR	BALANGIR	Bolangir-1	1.15
BALESHWAR	OUPADA	Sialghati	1.2

BARGARH	BHEDEN	Lupursinga	1.32
BAUDH	HARBHANGA	Chatarang	1.6
BAUDH	BAUDH SADAR	Usbilika	1.51
BAUDH	KANTAMAL	Damamunda	1.4
BAUDH	HARBHANGA	Arakhpadar	1.3
BAUDH	BAUDH SADAR	Lumrijena	1.3
BAUDH	HARBHANGA	Harekrishnapur	1.23
BAUDH	BAUDH SADAR	Badhigan	1.15
BAUDH	HARBHANGA	Nunibahal	1.12
BAUDH	HARBHANGA	Kusang	1.1
CUTTACK	NARASINGHPUR	Narsingpur	1.28
DHENKANAL	PARAJANG	Kandarsingha	1.03
GAJAPATI	PARLAKHEMUNDI	Garapanth	1.45
GAJAPATI	MOHANA	Mohana	1.41
GAJAPATI	PARLAKHEMUNDI	Raygarh	1.08
GAJAPATI	PARLAKHEMUNDI	Kantragada	1.05
GAJAPATI	MOHANA	Luhaguda	1.05
GAJAPATI	PARLAKHEMUNDI	Parlakhemundi	1.02
GANJAM	PURUSOTTAMPUR	Purusatampur	1.99
GANJAM	KHALIKOTE	Rambha	1.99
GANJAM	PATRAPUR	Patrapur1	1.9
GANJAM	GANJAM	Huma	1.3
GANJAM	PURUSOTTAMPUR	Bananai	1.25
GANJAM	JAGANATHPRASAD	Baragam	1.2
GANJAM	CHHATRAPUR	Narendrapur	1.2
GANJAM	ASIKA	Badakholi	1.1
GANJAM	JAGANATHPRASAD	Jagannathprasad	1.1
GANJAM	KUKUDAKHANDI	Ratanpur	1.1
GANJAM	BELLAGUNTHA	Karachuli	1.06
GANJAM	RANGILUNDA	Golanthara	1.05
KALAHANDI	JUNAGARH	Badbasul	3.48
KALAHANDI	GOLAMUNDA	Golmunda	1.36
KENDRAPARA	DERA BIS	Chandola	1.23
KENDUJHAR	KENDUJHARGARH	Naranpur	1.05
MAYURBHANJ	KUSUMI	Naujara	1.79
MAYURBHANJ	THAKUR MUNDA	Mahuldia	1.74
NAYAGARH	NUAGAON	Nuagaon1	3.28
NAYAGARH	KHANDAPADA	Jhada Gadia	1.06
NUAPADA	BODEN	Boden	2.1
NUAPADA	KHARIAR	Tukla	1.23
SAMBALPUR	RAIRAKHOL	Bhaluchuan	1.37
SAMBALPUR	RAIRAKHOL	Rairakhol(rampu	1.37
SONAPUR	BINIKA	Ankhidadar	1.184

The distribution of fluoride in shallow aquifer show that Angul, Balangir, Bargarh, Boudh, Dhenkanal, Ganjam, Gajapati, Kalahandi, Nayagarh, Nuapara, Sambalpur, Suvarnapur, districts are above the desirable limit (1.0 mg/L) may be due to anthropogenic activities.

ANNEXURE - I

DISTRICT_NAME - ANUGUL

BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
ATHMALLIK	Tileswar	20°53'7" N	84°37'22" E	Dug Well
CHHENDIPADA	Katada	20°54'24" N	84°49'14" E	Dug Well
PALALAHADA	Jamardihi	21°30'2" N	85°15'26" E	Dug Well
ANUGUL	Tikarpara	20°35'54" N	84°47'15" E	Dug Well
ANUGUL	Tikarpara-ii	20°35'54" N	84°47'15" E	Dug Well
ANUGUL	Purnakot	20°38'45" N	84°50'10" E	Dug Well
ATHMALLIK	Athamallik	20°43'19" N	84°31'53" E	Dug Well
ANUGUL	Bantala-li	20°44'30" N	85°3'56" E	Bore Well
ANUGUL	Panchmahala-li	20°48'12" N	85°0'28" E	Bore Well
ATHMALLIK	Thakurgarh	20°48'48" N	84°38'5" E	Dug Well
ANUGUL	Jagannathpur	20°43'16" N	84°52'10" E	Dug Well
ANUGUL	Maratira	20°49'31" N	84°58'25" E	Bore Well
KANIHA	Seepur	21°10'32" N	85°9'23" E	Bore Well
KANIHA	Pabitranaagar	21°8'22" N	85°10'4" E	Bore Well
KANIHA	Goribandha	21°1'3" N	85°10'28" E	Bore Well
KISHORENAGAR	Bamur	21°0'42" N	84°29'10" E	Dug Well
KISHORENAGAR	Boinda-li	20°58'8" N	84°39'3" E	Bore Well
KISHORENAGAR	Handpa	20°57'2" N	84°41'20" E	Dug Well
KISHORENAGAR	Boinda	20°54'37" N	84°44'1" E	Dug Well
TALACHER	Chainpal	20°53'12" N	85°13'9" E	Bore Well
KISHORENAGAR	Handpa-li	20°52'48" N	85°10'4" E	Bore Well
PALALAHADA	Srirampur	21°23'40" N	85°9'4" E	Dug Well
PALALAHADA	Khamar-li	21°15'58" N	85°12'4" E	Bore Well
PALALAHADA	Khamar	21°15'58" N	85°11'48" E	Dug Well
ANUGUL	Jarpada	20°52'48" N	85°10'4" E	Bore Well
ANUGUL	Derjung	20°50'18" N	85°2'8" E	Bore Well
BANARPAL	Mahidharpur	20°41'15" N	85°11'8" E	Dug Well
ANUGUL	Bantala	20°44'35" N	85°3'47" E	Dug Well
ANUGUL	Tubey	20°48'50" N	84°59'58" E	Dug Well
BANARPAL	Angul	20°50'20" N	85°5'58" E	Dug Well
CHHENDIPADA	Ugi	20°50'48" N	84°52'45" E	Dug Well
CHHENDIPADA	Jharpada	20°52'35" N	84°52'55" E	Dug Well
PALALAHADA	Pallahara	21°25'54" N	85°11'45" E	Bore Well
PALALAHADA	Pallahara	21°25'45" N	85°11'33" E	Dug Well
KANIHA	Sipur	21°10'0" N	85°9'25" E	Dug Well
CHHENDIPADA	Bagharia	21°6'25" N	84°48'57" E	Dug Well
CHHENDIPADA	Chendipada	21°4'54" N	84°52'18" E	Dug Well
KANIHA	Samal	21°4'20" N	85°8'30" E	Dug Well
TALACHER	Godibandha	21°1'10" N	85°10'10" E	Dug Well
CHHENDIPADA	Kosala	21°0'27" N	84°56'56" E	Dug Well
TALACHER	Kumunda	20°58'35" N	85°1'35" E	Dug Well
TALACHER	Talcher	20°56'55" N	85°12'52" E	Dug Well

TALACHER	Balanda	20°55'39" N	85°9'28" E	Dug Well
CHHENDIPADA	Nisa	20°55'35" N	85°0'15" E	Dug Well
TALACHER	Sendhogram	20°55'32" N	85°14'0" E	Dug Well
TALACHER	Tentulai	20°55'10" N	85°10'23" E	Dug Well
CHHENDIPADA	Durgapur	20°55'5" N	84°52'58" E	Dug Well
BANARPAL	Kukurang	20°53'50" N	85°8'54" E	Dug Well
BANARPAL	Bhogabereni	20°53'30" N	85°12'50" E	Dug Well
BANARPAL	Kuio	20°53'27" N	85°4'52" E	Dug Well
CHHENDIPADA	Paranga	20°52'45" N	85°1'50" E	Dug Well
BANARPAL	Amna	20°50'56" N	85°10'8" E	Dug Well
BANARPAL	Banarpal	20°50'30" N	85°12'58" E	Dug Well
BANARPAL	Kulnara	20°50'10" N	85°10'10" E	Dug Well
ANUGUL	Panchmahala	20°49'22" N	85°3'33" E	Dug Well
BANARPAL	Tulsipal	20°48'13" N	85°11'12" E	Dug Well
ANUGUL	Barhabahal	20°45'18" N	85°6'0" E	Dug Well

DISTRICT_NAME – BALANGIR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
TITLAGARH	Regdol	20°16'27" N	83°14'33" E	Dug Well
TITLAGARH	Titlagarh	20°17'16" N	83°9'28" E	Dug Well
TITLAGARH	Chormara	20°18'17" N	83°17'30" E	Dug Well
BANGOMUNDA	Joyorpada	20°20'13" N	82°51'49" E	Dug Well
SAINTALA	Piprut	20°21'8" N	83°18'36" E	Dug Well
MURIBAHAL	Bandupali	20°28'20" N	83°5'37" E	Dug Well
DEOGAON	Kesaropali	20°32'42" N	83°25'0" E	Dug Well
AGALPUR	Patdamundai	21°0'7" N	83°26'30" E	Dug Well
AGALPUR	Agalpur	21°0'44" N	83°24'25" E	Dug Well
TUREKELA	Dhomana Donga	20°25'37" N	82°54'33" E	Dug Well
KHAPRAKHOL	Phulkimunda	20°42'38" N	82°49'4" E	Dug Well
LOISINGA	Loisinga	20°50'57" N	83°30'41" E	Dug Well
TITLAGARH	Eachgaon	20°12'42" N	83°0'42" E	Dug Well
BANGOMUNDA	Sindhikela	20°13'30" N	82°57'22" E	Dug Well
BANGOMUNDA	Sindhikela	20°13'42" N	82°56'23" E	Dug Well
MURIBAHAL	Haladia	20°20'33" N	83°2'42" E	Dug Well
TUREKELA	Kantabanji	20°28'45" N	82°55'40" E	Dug Well
TUREKELA	Kantabanji	20°28'45" N	82°55'40" E	Bore Well
MURIBAHAL	Gudighat	20°27'55" N	83°3'10" E	Dug Well
SAINTALA	Dumalpada	20°27'3" N	83°21'51" E	Dug Well
SAINTALA	Saintala <New>	20°26'38" N	83°22'23" E	Dug Well
SAINTALA	Saintala <New>	20°26'36" N	83°21'33" E	Dug Well
TITLAGARH	Jagua	20°26'8" N	82°54'47" E	Dug Well
BANGOMUNDA	Nekpada	20°26'8" N	82°54'47" E	Dug Well
MURIBAHAL	Muribahal	20°23'5" N	83°0'45" E	Dug Well

PATNAGARH	Patnagarh-ii	20°41'54" N	83°7'27" E	Dug Well
BALANGIR	Bolangir-ii	20°41'52" N	83°28'48" E	Dug Well
BALANGIR	Pudapalli	20°40'47" N	83°31'15" E	Dug Well
PUINTALA	Kurul	20°40'4" N	83°31'31" E	Dug Well
PUINTALA	Atgan	20°40'4" N	83°31'30" E	Dug Well
BALANGIR	Bijakhaman	20°40'2" N	83°27'16" E	Dug Well
BALANGIR	Sikachhira	20°37'33" N	83°24'7" E	Dug Well
BELPARA	Lathor	20°37'30" N	82°45'55" E	Dug Well
BALANGIR	Sinkhaman	20°37'9" N	83°25'35" E	Dug Well
BALANGIR	Madiapali	20°44'28" N	83°29'44" E	Dug Well
BALANGIR	Dudoka Sira	20°44'13" N	83°24'10" E	Dug Well
BALANGIR	Padampur	20°44'4" N	83°34'45" E	Dug Well
BALANGIR	Jhankar Pali	20°43'55" N	83°23'22" E	Dug Well
BALANGIR	Hardatal	20°43'51" N	83°21'50" E	Dug Well
PATNAGARH	Jogimunda	20°43'48" N	83°0'45" E	Dug Well
PUINTALA	Randa	20°43'45" N	83°33'48" E	Dug Well
PUINTALA	Gaintala	20°43'25" N	83°31'35" E	Dug Well
BALANGIR	Dulusara	20°43'18" N	83°18'37" E	Dug Well
AGALPUR	Salebhata	20°58'15" N	83°32'27" E	Dug Well
AGALPUR	Bharsuja	20°57'58" N	83°24'20" E	Dug Well
AGALPUR	Gorcochia	20°55'20" N	83°25'40" E	Dug Well
LOISINGA	Suka	20°54'49" N	83°30'35" E	Dug Well
LOISINGA	Jogisurda	20°52'42" N	83°33'10" E	Dug Well
LOISINGA	Burda	20°52'29" N	83°30'51" E	Dug Well
LOISINGA	Burda	20°52'25" N	83°30'57" E	Dug Well
KHAPRAKHOL	Harisankar	20°50'55" N	82°51'55" E	Dug Well
LOISINGA	Mandia Padar	20°49'53" N	83°30'19" E	Dug Well
AGALPUR	Uchhabahal	21°1'44" N	83°26'43" E	Dug Well
AGALPUR	Nuagaon	21°1'5" N	83°18'48" E	Dug Well
AGALPUR	Ichhapur	21°1'5" N	83°18'48" E	Dug Well
AGALPUR	Duduka	20°58'48" N	83°29'28" E	Dug Well
BALANGIR	Fasad	20°49'15" N	83°29'56" E	Dug Well
PUINTALA	Chhatamakhan	20°47'10" N	83°29'57" E	Dug Well
PUINTALA	Ledarbohal	20°47'9" N	83°30'8" E	Dug Well
LOISINGA	Banjipali	20°45'57" N	83°20'41" E	Dug Well
KHAPRAKHOL	Khaprakhhol	20°45'2" N	82°52'3" E	Dug Well
BELPARA	Baijal Sagar	20°44'47" N	82°56'41" E	Dug Well
PUINTALA	Dumerbahal	20°44'42" N	83°37'25" E	Dug Well
PUINTALA	Bairasar	20°44'28" N	83°40'11" E	Dug Well
PATNAGARH	Ghambari	20°43'17" N	82°56'36" E	Dug Well
BALANGIR	Churapali	20°43'0" N	83°17'0" E	Dug Well
PATNAGARH	Sarmohan-i	20°42'58" N	83°13'20" E	Dug Well
BALANGIR	Dhumamara	20°42'50" N	83°26'27" E	Dug Well
PATNAGARH	Banjari	20°42'33" N	83°5'7" E	Dug Well
PATNAGARH	Rampur	20°42'24" N	83°9'10" E	Dug Well
PATNAGARH	Rampur	20°42'24" N	83°9'3" E	Dug Well
BALANGIR	Bolangir-1	20°41'55" N	83°28'53" E	Dug Well
BELPARA	Belpara	20°35'22" N	82°58'18" E	Dug Well

BELPARA	Nunhad	20°35'1" N	82°57'17" E	Dug Well
DEOGAON	Sagarpali	20°33'30" N	83°25'19" E	Dug Well
TUREKELA	Salandi	20°31'24" N	82°55'38" E	Dug Well
SAINTALA	Tikkarpada	20°30'14" N	83°8'5" E	Dug Well
TUREKELA	Tureikela	20°30'10" N	82°48'27" E	Dug Well
TUREKELA	Kurli	20°29'30" N	82°55'12" E	Dug Well
TENTULIKHUNTI	Tusura	20°29'26" N	83°28'33" E	Dug Well
MURIBAHAL	Jamut	20°20'50" N	82°56'31" E	Dug Well
MURIBAHAL	Bongamunda	20°20'26" N	82°54'35" E	Dug Well
SAINTALA	Belgaon	20°18'50" N	83°19'0" E	Dug Well
BANGOMUNDA	Titisilet	20°18'1" N	82°55'30" E	Dug Well
BANGOMUNDA	Sindhikela	20°13'52" N	82°56'29" E	Dug Well
TITLAGARH	Kholan	20°13'57" N	83°4'39" E	Dug Well
TITLAGARH	Minapali	20°14'51" N	83°6'24" E	Dug Well

DISTRICT_NAME- BALESHWAR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
NILAGIRI	Khantapada	21°23'53" N	86°48'40" E	Dug Well
SORO	Lingapada	21°16'45" N	86°41'8" E	Dug Well
BALIAPAL	Baliapal	21°40'13" N	87°17'12" E	Dug Well
JALESWAR	Raibania	21°54'29" N	87°11'51" E	Dug Well
BASTA	Chalanti	21°45'48" N	87°10'50" E	Dug Well
SIMILIA	Markona	21°11'0" N	86°36'0" E	Dug Well
KHAIRA	Kupari	21°15'58" N	86°25'58" E	Dug Well
NILAGIRI	Chekamara	21°19'17" N	86°40'13" E	Dug Well
BAHANAGA	Sathi	21°19'48" N	86°47'18" E	Dug Well
BALESHWAR	Chandipur	21°27'15" N	87°1'15" E	Dug Well
OUPADA	Jhomghati	21°27'51" N	86°43'30" E	Dug Well
NILAGIRI	Siadimal	21°27'56" N	86°44'6" E	Dug Well
BALESHWAR	Balasore Town	21°30'17" N	86°54'35" E	Dug Well
NILAGIRI	Kunchibenia	21°29'58" N	86°40'38" E	Dug Well
NILAGIRI	Darkholi	21°29'55" N	86°35'40" E	Dug Well
NILAGIRI	Bhagabondh	21°29'34" N	86°37'35" E	Dug Well
NILAGIRI	Bhalukasuni	21°29'30" N	86°42'0" E	Dug Well
NILAGIRI	Nilgiri	21°29'0" N	86°46'30" E	Dug Well
NILAGIRI	Benthiapada	21°28'34" N	86°43'3" E	Dug Well
OUPADA	Sialghati	21°28'5" N	86°42'50" E	Dug Well
OUPADA	Bankisial	21°28'1" N	86°43'28" E	Dug Well
BASTA	Basta	21°40'22" N	87°4'10" E	Dug Well
BALESHWAR	Rupsa	21°37'42" N	87°1'0" E	Dug Well
NILAGIRI	Kansa	21°34'54" N	86°45'37" E	Dug Well
NILAGIRI	Nuaporhi	21°33'11" N	86°49'6" E	Dug Well
REMUNA	Govindpur	21°32'55" N	86°55'45" E	Dug Well
NILAGIRI	Mitrapur	21°32'43" N	86°47'50" E	Dug Well

BALESHWAR	Sasanbar	21°31'40" N	86°54'30" E	Dug Well
REMUNA	Remuna	21°31'24" N	86°52'12" E	Dug Well
OUPADA	Tenda	21°27'54" N	86°42'19" E	Dug Well
NILAGIRI	Baband	21°27'32" N	86°43'47" E	Dug Well
OUPADA	Dasarathipur Sasan	21°24'43" N	86°44'43" E	Dug Well
BAHANAGA	Bahanga	21°20'22" N	86°45'54" E	Dug Well
OUPADA	Oupada	21°19'42" N	86°30'38" E	Dug Well
SORO	Baghudi	21°18'32" N	86°39'12" E	Dug Well
SORO	Soro	21°16'30" N	86°41'30" E	Dug Well

DISTRICT_NAME – BARGARH				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
BHEDEN	Resham	21°8'10" N	83°41'1" E	Dug Well
BHEDEN	Thuapali	21°16'0" N	83°47'28" E	Dug Well
ATTABIRA	Shukutapali	21°21'57" N	83°43'0" E	Dug Well
AMBABHONA	Lakhanpur	21°38'31" N	83°36'38" E	Dug Well
BARGARH	Kuruan	21°17'30" N	83°44'23" E	Dug Well
RAJBORASAMBAR	Sargibahal	21°4'0" N	83°11'6" E	Dug Well
SOHELA	Batetarma	21°8'39" N	83°15'28" E	Dug Well
BHEDEN	Bheden	21°11'46" N	83°45'3" E	Dug Well
BARAPALI	Remada	21°12'3" N	83°37'4" E	Dug Well
SOHELA	Ghens	21°11'23" N	83°17'7" E	Dug Well
AMBABHONA	Ambabhona	21°28'26" N	83°28'40" E	Dug Well
BHATLI	Bhatli	21°28'2" N	83°32'5" E	Dug Well
BARGARH	Sarala	21°23'56" N	83°39'20" E	Dug Well
AMBABHONA	Karla	21°36'11" N	83°34'29" E	Dug Well
BHATLI	Katapali	21°35'6" N	83°25'14" E	Dug Well
AMBABHONA	Bhukta	21°35'5" N	83°24'55" E	Dug Well
BARGARH	Kharmanda	21°26'21" N	83°40'55" E	Dug Well
AMBABHONA	Bugbugi	21°36'50" N	83°29'21" E	Dug Well
AMBABHONA	Dungri	21°41'12" N	83°33'55" E	Dug Well
PAIKMAL	Jamset	20°49'37" N	82°43'24" E	Dug Well
PAIKMAL	Purena	20°51'47" N	82°45'40" E	Dug Well
GAISILET	Jagalpet	20°53'35" N	83°21'5" E	Dug Well
PAIKMAL	Mithapali	20°54'21" N	82°47'36" E	Dug Well
GAISILET	Kansdhol	20°55'29" N	83°22'20" E	Dug Well
GAISILET	Kantabahal	20°56'6" N	83°4'14" E	Dug Well
GAISILET	Dangabahal	20°56'34" N	83°21'11" E	Dug Well
BARAPALI	Mahada	21°7'48" N	83°33'58" E	Dug Well
BIJEPUR	Jaring	21°11'50" N	83°28'46" E	Dug Well
BIJEPUR	Bijepur	21°11'18" N	83°27'49" E	Dug Well
SOHELA	Para	21°10'31" N	83°16'24" E	Dug Well
BHEDEN	Rusuda	21°10'20" N	83°51'20" E	Dug Well

BHEDEN	Baghapalli	21°9'55" N	83°47'55" E	Dug Well
BHEDEN	Sikirdi	21°9'35" N	83°37'35" E	Dug Well
BIJEPUR	Burdapali	21°9'34" N	83°28'9" E	Dug Well
BHEDEN	Satlama	21°8'35" N	83°37'5" E	Dug Well
BIJEPUR	Kharmunda	21°8'7" N	83°29'23" E	Dug Well
SOHELA	Grinjal	21°20'12" N	83°22'27" E	Dug Well
BARGARH	Bargarh	21°20'10" N	83°37'20" E	Dug Well
SOHELA	Loharachatti	21°18'33" N	83°16'49" E	Dug Well
ATTABIRA	Patrapalli	21°18'25" N	83°45'55" E	Dug Well
BARGARH	Adagaon	21°18'22" N	83°41'52" E	Dug Well
BARGARH	Khuntapali	21°17'7" N	83°36'55" E	Dug Well
BHEDEN	Remenda	21°16'0" N	83°45'45" E	Dug Well
BHEDEN	Khutlipalli	21°15'32" N	83°52'12" E	Dug Well
BARAPALI	Kusanpur	21°15'2" N	83°34'4" E	Dug Well
AMBABHONA	Uttam	21°40'30" N	83°36'37" E	Dug Well
BHATLI	Dumalpali	21°30'25" N	83°30'0" E	Dug Well
BHATLI	Sulsulia	21°26'55" N	83°25'8" E	Dug Well
ATTABIRA	Godbhaga	21°25'15" N	83°49'0" E	Bore Well
BHATLI	Chadheigaon	21°24'46" N	83°33'32" E	Dug Well
BHATLI	Sunajuri-Tukuria	21°24'31" N	83°35'4" E	Dug Well
ATTABIRA	Top	21°24'30" N	83°47'15" E	Dug Well
BARGARH	Rengalpali	21°24'14" N	83°37'1" E	Dug Well
ATTABIRA	Chaklifarm	21°24'0" N	83°49'30" E	Dug Well
ATTABIRA	Lastala	21°23'45" N	83°42'18" E	Dug Well
ATTABIRA	Gorbhaga	21°22'50" N	83°46'50" E	Dug Well
BARGARH	Kurla	21°22'40" N	83°41'20" E	Dug Well
BARGARH	Jamurda	21°22'20" N	83°39'45" E	Dug Well
ATTABIRA	Attabira	21°22'15" N	83°47'0" E	Dug Well
BARGARH	Dang	21°21'29" N	83°36'2" E	Dug Well
ATTABIRA	Larambha	21°21'5" N	83°50'2" E	Dug Well
ATTABIRA	Kalapanichak	21°21'5" N	83°42'22" E	Dug Well
ATTABIRA	Kulunda	21°20'45" N	83°47'2" E	Dug Well
BARGARH	Tora	21°20'14" N	83°37'13" E	Dug Well
BHEDEN	Burda	21°14'30" N	83°45'45" E	Dug Well
BHEDEN	Lupursinga	21°14'25" N	83°47'53" E	Dug Well
BARAPALI	Lenda	21°13'20" N	83°35'40" E	Dug Well
BARAPALI	Puturipali	21°13'10" N	83°38'5" E	Dug Well
BHEDEN	Chichinda	21°12'30" N	83°47'30" E	Dug Well
BHEDEN	Kumbhari	21°12'25" N	83°38'52" E	Dug Well
BARAPALI	Gopipali	21°12'19" N	83°33'56" E	Dug Well
BHEDEN	Boipur	21°12'5" N	83°52'55" E	Dug Well
BHEDEN	Gondtarum	21°6'35" N	83°50'30" E	Dug Well
PAIKMAL	Majhipali	20°57'7" N	82°53'12" E	Dug Well
PAIKMAL	Malada	20°57'15" N	82°56'2" E	Dug Well
GAISILET	Gaisilet	20°57'44" N	83°18'54" E	Dug Well
PAIKMAL	Hirapur	20°57'50" N	82°49'8" E	Dug Well
RAJBORASAMBAR	Padampur	20°59'57" N	83°4'16" E	Dug Well
RAJBORASAMBAR	Mahulpali	21°0'38" N	83°6'10" E	Dug Well

DISTRICT_NAME- BAUDH				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
HARBHANGA	Tilesar	20°40'47" N	84°26'32" E	Dug Well
BAUDH SADAR	Khajuripada	20°41'45" N	84°8'19" E	Dug Well
KANTAMAL	Dopla	20°41'50" N	83°53'1" E	Dug Well
BAUDH SADAR	Baghiapada	20°43'54" N	84°13'51" E	Dug Well
BAUDH SADAR	Kamira	20°48'18" N	84°13'28" E	Dug Well
BAUDH SADAR	Usbilika	20°44'40" N	84°4'40" E	Dug Well
HARBHANGA	Baring	20°25'49" N	84°32'2" E	Dug Well
HARBHANGA	Radha Nagar	20°44'58" N	84°19'38" E	Dug Well
BAUDH SADAR	Dahya	20°49'51" N	84°0'23" E	Dug Well
HARBHANGA	Adenegarh	20°29'8" N	84°28'8" E	Dug Well
KANTAMAL	Ghamtapada	20°32'21" N	83°40'22" E	Dug Well
HARBHANGA	Karoda Kutha	20°32'39" N	84°25'31" E	Dug Well
HARBHANGA	Nuapada	20°34'2" N	84°27'28" E	Dug Well
HARBHANGA	Charichak	20°35'0" N	84°25'25" E	Dug Well
HARBHANGA	Kusang	20°35'18" N	84°39'26" E	Dug Well
HARBHANGA	Laxmanpur	20°35'31" N	84°30'10" E	Dug Well
HARBHANGA	Tukulunda	20°35'48" N	84°29'3" E	Dug Well
HARBHANGA	Arakhpadar	20°35'54" N	84°37'9" E	Dug Well
HARBHANGA	Chatarang	20°35'55" N	84°34'45" E	Dug Well
HARBHANGA	Harbanga	20°37'20" N	84°36'18" E	Dug Well
HARBHANGA	Purunakatak	20°37'32" N	84°25'38" E	Dug Well
HARBHANGA	Purunakatak	20°38'7" N	84°25'20" E	Dug Well
HARBHANGA	Udaipur	20°38'18" N	84°25'50" E	Dug Well
KANTAMAL	Kantamal	20°38'32" N	83°44'28" E	Dug Well
HARBHANGA	Nunibahal	20°39'42" N	84°23'28" E	Dug Well
BAUDH SADAR	Maheswar Pinda	20°49'2" N	84°0'37" E	Dug Well
BAUDH SADAR	Singrachhak	20°48'25" N	84°7'44" E	Dug Well
BAUDH SADAR	Ainlapali	20°48'24" N	84°5'45" E	Dug Well
BAUDH SADAR	Baunsuni	20°48'15" N	84°3'10" E	Dug Well
BAUDH SADAR	Baidanathpur	20°47'30" N	84°3'57" E	Dug Well
KANTAMAL	Gudveli	20°47'10" N	83°55'42" E	Dug Well
KANTAMAL	Gohipita	20°47'5" N	83°53'10" E	Dug Well
KANTAMAL	Damamunda	20°46'40" N	83°52'36" E	Dug Well
BAUDH SADAR	Badhigan	20°46'35" N	84°16'56" E	Dug Well
BAUDH SADAR	Polam	20°51'39" N	84°14'20" E	Dug Well
BAUDH SADAR	Polam	20°51'35" N	84°14'20" E	Dug Well
BAUDH SADAR	Gambhari Padar	20°51'22" N	84°16'40" E	Dug Well
BAUDH SADAR	Bala Singha	20°51'20" N	84°16'14" E	Dug Well
BAUDH SADAR	Jahanapank	20°51'17" N	84°12'24" E	Dug Well
BAUDH SADAR	Telibandha	20°51'4" N	84°11'39" E	Dug Well
HARBHANGA	Boudh	20°50'15" N	84°19'30" E	Dug Well

BAUDH SADAR	Botpali	20°49'45" N	84°18'33" E	Dug Well
BAUDH SADAR	Manamunda	20°49'43" N	83°55'46" E	Dug Well
BAUDH SADAR	Nuapali	20°49'16" N	83°58'56" E	Dug Well
BAUDH SADAR	Sangrampur	20°49'15" N	84°9'5" E	Dug Well
HARBHANGA	Landibandh	20°45'50" N	84°19'0" E	Dug Well
BAUDH SADAR	Evada	20°45'45" N	84°13'50" E	Dug Well
BAUDH SADAR	Lumrijena	20°45'26" N	84°4'13" E	Dug Well
KANTAMAL	Sanrahajhar	20°45'14" N	83°56'25" E	Dug Well
KANTAMAL	Palasaguda	20°43'38" N	83°48'26" E	Dug Well
KANTAMAL	Palasaguda	20°43'34" N	83°48'32" E	Dug Well
HARBHANGA	Birnarsingpur	20°43'20" N	84°21'25" E	Dug Well
BAUDH SADAR	Gundulia	20°42'9" N	84°4'23" E	Dug Well
BAUDH SADAR	Gandhi Sahi	20°42'8" N	84°10'11" E	Dug Well
HARBHANGA	Nuapada	20°42'7" N	84°22'3" E	Dug Well
HARBHANGA	Dholpur	20°42'5" N	84°29'10" E	Dug Well
HARBHANGA	Brisspati Pur	20°39'53" N	84°34'9" E	Dug Well
KANTAMAL	Auinla	20°40'3" N	83°45'24" E	Dug Well
HARBHANGA	Tilesar	20°40'30" N	84°26'50" E	Dug Well
HARBHANGA	Harekrishnapur	20°40'33" N	84°23'34" E	Dug Well

DISTRICT_NAME- BHADRAK				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
DHAMANAGAR	Boharbili	20°54'27" N	86°31'45" E	Dug Well
DHAMANAGAR	Kothar	20°55'16" N	86°31'13" E	Dug Well
DHAMANAGAR	Bhagvenpur	20°56'32" N	86°25'35" E	Dug Well
TIHIDI	Bidanpur	20°58'51" N	86°37'24" E	Dug Well
DHAMANAGAR	Talapada	20°55'30" N	86°27'12" E	Dug Well
DHAMANAGAR	Betaligaon	20°51'54" N	86°35'12" E	Dug Well
TIHIDI	Khamaria-I	20°58'11" N	86°40'23" E	Tube Well
BHADRAK	Bentola	21°1'35" N	86°32'40" E	Dug Well
BHADRAK	Balipatna	21°1'57" N	86°31'53" E	Dug Well
BHADRAK	Ada Sasan	21°8'6" N	86°31'4" E	Dug Well
BASUDEBPUR	Basudevpur	21°7'15" N	86°44'20" E	Dug Well
BANT	Banth	21°7'7" N	86°19'50" E	Dug Well
BHADRAK	Uttarabahini	21°4'22" N	86°30'27" E	Dug Well
BHADRAK	Bhadrak	21°3'45" N	86°30'4" E	Dug Well
BHADRAK	Sabrang	21°3'30" N	86°37'0" E	Dug Well
BASUDEBPUR	Basudevpur-II	21°3'27" N	86°38'45" E	Tube Well
BASUDEBPUR	Basudevpur-I	21°3'27" N	86°38'45" E	Tube Well
BHADRAK	Tihidi	21°2'18" N	86°34'5" E	Dug Well
BANT	Agarpara	21°12'32" N	86°23'40" E	Dug Well
BHADRAK	Rambhila	21°8'6" N	86°31'51" E	Dug Well
BHADRAK	Durgapur	21°1'47" N	86°31'21" E	Dug Well

BHADRAK	Gujidarha	21°0'11" N	86°32'45" E	Dug Well
TIHIDI	Khamaria-II	20°58'11" N	86°40'23" E	Tube Well
BHANDARIPOKHARI	Bhandaripokhri	20°57'32" N	86°22'2" E	Dug Well
DHAMANAGAR	Kothar	20°55'16" N	86°31'8" E	Dug Well
BHANDARIPOKHARI	Akhuapada	20°55'35" N	86°17'22" E	Dug Well
BHANDARIPOKHARI	Puriparabenipur	20°56'11" N	86°18'25" E	Dug Well

DISTRICT_NAME- CUTTACK				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
MAHANGA	Mahanga	20°33'43" N	86°11'12" E	Dug Well
NIALI	Madhab	20°4'45" N	86°6'10" E	Dug Well
NIALI	Belasahi	20°6'29" N	86°4'57" E	Dug Well
CUTTACKSADAR	Nuagarh	20°23'23" N	85°53'5" E	Dug Well
SALEPUR	Sisua	20°28'58" N	86°5'3" E	Dug Well
NISCHINTA KOILI	Dingeswar	20°28'37" N	86°7'35" E	Dug Well
ATHAGAD	Megha	20°27'10" N	85°42'28" E	Dug Well
ATHAGAD	Athagarh	20°30'32" N	85°37'1" E	Dug Well
NIALI	Niali	20°7'51" N	86°3'52" E	Dug Well
NIALI	Aunlo	20°11'25" N	86°2'30" E	Dug Well
KANTAPADA	Adaspur	20°12'53" N	86°0'55" E	Dug Well
KANTAPADA	Kantapara	20°15'2" N	85°58'58" E	Dug Well
BARANGA	Brahmana Jhharilo	20°18'7" N	85°55'44" E	Dug Well
KANTAPADA	Jharpara	20°18'15" N	86°1'18" E	Dug Well
KANTAPADA	Fategarhbazarsa	20°18'40" N	85°59'46" E	Dug Well
CUTTACKSADAR	Paikasahi	20°25'18" N	85°52'45" E	Dug Well
BADAMBA	Baramba	20°25'3" N	85°20'45" E	Dug Well
CUTTACKSADAR	Bentkar	20°24'38" N	85°56'24" E	Dug Well
NARASINGHPUR	Balijhari	20°24'38" N	85°13'10" E	Dug Well
BARANGA	Baranga	20°24'26" N	85°50'5" E	Dug Well
NARASINGHPUR	Kanapur	20°24'20" N	85°11'0" E	Dug Well
BADAMBA	Gopapur	20°24'10" N	85°17'45" E	Dug Well
CUTTACKSADAR	Kantarpur	20°24'0" N	86°0'51" E	Dug Well
CUTTACKSADAR	Pratapnagari	20°23'56" N	85°52'28" E	Dug Well
CUTTACKSADAR	Badambari	20°27'23" N	85°53'5" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°27'17" N	85°54'38" E	Dug Well
CUTTACKSADAR	Cuttack Town	20°27'11" N	85°54'4" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°27'9" N	85°54'13" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°27'8" N	85°52'58" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°27'5" N	85°54'28" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°26'57" N	85°55'52" E	Dug Well
BADAMBA	Abhimanpur	20°26'40" N	85°26'15" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°26'39" N	85°53'32" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'51" N	85°52'19" E	Dug Well

CUTTACKSADAR	Cuttack Urban	20°28'46" N	85°53'52" E	Dug Well
NISCHINTA KOILI	Nischintakoili	20°28'43" N	86°10'24" E	Dug Well
NISCHINTA KOILI	Natar(matkatpu	20°28'40" N	86°9'37" E	Dug Well
NISCHINTA KOILI	Kulia Market	20°28'38" N	86°8'5" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'38" N	85°51'44" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'34" N	85°52'33" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'33" N	85°53'44" E	Dug Well
SALEPUR	Sankilo	20°28'21" N	86°13'16" E	Dug Well
TANGI CHOUDWAR	Choudwar	20°31'3" N	85°54'59" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°30'39" N	85°55'57" E	Dug Well
ATHAGAD	Radha Gobindapur	20°30'33" N	85°38'17" E	Dug Well
SALEPUR	Ganapur	20°30'25" N	86°1'44" E	Dug Well
CUTTACKSADAR	Jagatpur-i	20°30'23" N	85°54'48" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°29'54" N	85°54'28" E	Dug Well
SALEPUR	Anantapur	20°29'52" N	85°58'24" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°29'52" N	85°55'22" E	Dug Well
NISCHINTA KOILI	Nischintakoili	20°29'50" N	86°8'0" E	Tube Well
CUTTACKSADAR	Cuttack Urban	20°34'45" N	85°52'53" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°34'36" N	85°46'10" E	Dug Well
MAHANGA	Kusunpur	20°34'16" N	86°10'55" E	Dug Well
ATHAGAD	Khuntuni	20°34'7" N	85°43'50" E	Dug Well
MAHANGA	Mahanga	20°33'40" N	86°11'20" E	Dug Well
ATHAGAD	Kulailo	20°32'42" N	85°40'42" E	Dug Well
ATHAGAD	Oranda	20°32'37" N	85°48'4" E	Dug Well
MAHANGA	Achhutpur	20°31'45" N	86°13'55" E	Dug Well
NARASINGHPUR	Saradapur	20°31'45" N	84°58'0" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°31'31" N	85°56'27" E	Dug Well
NISCHINTA KOILI	Raisunguda	20°31'10" N	86°9'5" E	Dug Well
CUTTACKSADAR	Chowdwar	20°31'3" N	85°55'12" E	Dug Well
SALEPUR	Padmapur	20°29'45" N	85°58'45" E	Dug Well
TANGI CHOUDWAR	Nimpur	20°29'45" N	85°54'52" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°29'43" N	85°55'24" E	Dug Well
ATHAGAD	Rajnagar	20°29'38" N	85°40'37" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°29'27" N	85°50'20" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°29'9" N	85°52'5" E	Dug Well
RAGHUNATHPUR	Sukhrapada	20°28'56" N	86°15'49" E	Dug Well
SALEPUR	Nandalagada	20°28'54" N	86°2'54" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'18" N	85°52'3" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'15" N	85°51'30" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'10" N	85°54'38" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'8" N	85°54'25" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°27'58" N	85°52'31" E	Dug Well
TIGIRIA	Tigiria	20°27'54" N	85°31'15" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°27'38" N	85°54'0" E	Dug Well
NARASINGHPUR	Narsingpur	20°27'25" N	85°4'45" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°26'38" N	85°54'32" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°26'38" N	85°54'4" E	Dug Well

CUTTACKSADAR	Cuttack Urban	20°26'26" N	85°54'16" E	Dug Well
CUTTACKSADAR	Khapuria	20°26'22" N	85°54'11" E	Dug Well
NISCHINTA KOILI	Orati	20°26'8" N	86°15'41" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°25'54" N	85°53'11" E	Dug Well
CUTTACKSADAR	Gopalpur	20°25'52" N	85°53'5" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°25'52" N	85°52'31" E	Dug Well
KANTAPADA	Gunadol(chingud	20°19'56" N	85°58'51" E	Dug Well
TANGI CHOUDWAR	Jagatpur-li	20°20'44" N	85°35'35" E	Dug Well
BADAMBA	Sankhmiri	20°22'30" N	85°20'10" E	Dug Well
DAMPARA	Banki	20°22'36" N	85°32'0" E	Dug Well
BADAMBA	Karadibandh	20°22'45" N	85°17'5" E	Dug Well
CUTTACKSADAR	Telengapenth	20°23'13" N	85°53'17" E	Dug Well
CUTTACKSADAR	Nachhipur	20°23'18" N	85°53'47" E	Dug Well
CUTTACKSADAR	Tangi	20°33'28" N	85°59'22" E	Dug Well
MAHANGA	Kuapal	20°35'26" N	86°10'15" E	Dug Well
MAHANGA	Balichandrapur	20°36'35" N	86°14'30" E	Dug Well

DISTRICT_NAME- DEBAGARH

BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
REAMAL	Tarang	21°16'26" N	84°34'47" E	Dug Well
REAMAL	Telimunda	21°20'33" N	84°40'8" E	Dug Well
TILEIBANI	Riamal	21°21'31" N	84°39'22" E	Dug Well
TILEIBANI	Rengalbeda	21°26'43" N	84°41'0" E	Dug Well
BARKOT	Kalkar	21°29'9" N	84°57'6" E	Dug Well
TILEIBANI	Kalamati	21°31'32" N	84°48'9" E	Dug Well
TILEIBANI	Deogarh	21°32'12" N	84°44'36" E	Dug Well
BARKOT	Barkot-iii	21°32'30" N	84°59'54" E	Dug Well
TILEIBANI	Tileibani	21°32'45" N	84°36'8" E	Dug Well
TILEIBANI	Kondal	21°32'48" N	84°52'39" E	Dug Well

DISTRICT_NAME- DHENKANAL

BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
BHUBAN	Bhuban	20°53'4" N	85°50'3" E	Dug Well
KAMAKSHAYA NAGAR	Mahulpal	20°53'41" N	85°32'26" E	Dug Well
SADAR	Bhapur	20°33'45" N	85°29'35" E	Dug Well
SADAR	Saptasaja	20°34'42" N	85°35'48" E	Dug Well
SADAR	Baldiabandh	20°35'52" N	85°39'9" E	Dug Well
SADAR	Shankarpur	20°36'14" N	85°32'42" E	Dug Well
SADAR	Dhenkanal	20°39'14" N	85°35'56" E	Dug Well

KAMAKSHAYA NAGAR	Badasuanlo-Hatwari	20°54'35" N	85°50'12" E	Bore Well
KAMAKSHAYA NAGAR	Kamakyanagar-li	20°55'45" N	85°32'40" E	Bore Well
PARAJANG	Badajhara	20°56'29" N	85°23'31" E	Dug Well
KAMAKSHAYA NAGAR	Baisingha-li	20°54'50" N	85°35'36" E	Bore Well
ODAPADA	Motanga-li	20°47'52" N	85°18'50" E	Bore Well
BHUBAN	Bhuban-li	20°53'3" N	85°50'12" E	Bore Well
ODAPADA	Hindol Road	20°45'46" N	85°25'28" E	Bore Well
SADAR	Kaimati	20°40'15" N	85°40'35" E	Dug Well
SADAR	Samacharanapur	20°38'15" N	85°36'59" E	Dug Well
HINDOL	Hindol	20°36'28" N	85°11'48" E	Dug Well
HINDOL	Babandh	20°43'14" N	85°25'47" E	Dug Well
KANKADA HAD	Kankadahad	21°4'10" N	85°34'19" E	Dug Well
KANKADA HAD	Batgaon	20°59'45" N	85°35'15" E	Dug Well
PARAJANG	Singhada	20°56'45" N	85°18'25" E	Dug Well
PARAJANG	Kandarsingha	20°52'0" N	85°19'0" E	Dug Well
GANDIA	Mandar	20°50'40" N	85°51'26" E	Dug Well
KAMAKSHAYA NAGAR	Alnaberini	20°48'39" N	85°32'25" E	Dug Well
GANDIA	Sading	20°48'30" N	85°50'18" E	Dug Well
ODAPADA	Motanga	20°48'5" N	85°18'43" E	Dug Well
ODAPADA	Dhaulpur	20°47'40" N	85°21'25" E	Dug Well
GANDIA	Joranda	20°46'45" N	85°43'30" E	Dug Well
GANDIA	Gondia	20°45'50" N	85°48'6" E	Dug Well
ODAPADA	Baulpur	20°44'25" N	85°30'50" E	Dug Well
PARAJANG	Muktaposi	20°56'15" N	85°24'45" E	Dug Well
KAMAKSHAYA NAGAR	Kamakyanagar-ii	20°55'53" N	85°32'57" E	Dug Well
PARAJANG	Parjang	20°55'18" N	85°19'5" E	Dug Well
BHUBAN	Goda	20°55'15" N	85°46'0" E	Dug Well
BHUBAN	Samole	20°54'55" N	85°47'55" E	Dug Well
KAMAKSHAYA NAGAR	Baisingha	20°54'50" N	85°35'35" E	Dug Well
KAMAKSHAYA NAGAR	Hatwari	20°54'35" N	85°38'0" E	Dug Well
BHUBAN	Mathakaragola	20°54'1" N	85°41'11" E	Dug Well
SADAR	Gangutia	20°43'3" N	85°33'42" E	Dug Well
ODAPADA	Balrampur	20°40'56" N	85°29'48" E	Dug Well
HINDOL	Balmi	20°42'22" N	85°19'33" E	Dug Well
SADAR	Bandhnuagaon	20°42'42" N	85°41'50" E	Dug Well
HINDOL	Karanda	20°42'56" N	85°20'16" E	Dug Well
GANDIA	Deogaon	20°41'48" N	85°44'54" E	Dug Well
HINDOL	Rasol	20°37'55" N	85°19'2" E	Dug Well

DISTRICT_NAME- GAJAPATI

BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
PARLAKHEMUNDI	Parlakhemundi	18°46'15" N	84°6'15" E	Dug Well
PARLAKHEMUNDI	Kattalakanita	18°48'38" N	84°8'34" E	Dug Well
PARLAKHEMUNDI	Gosani	18°48'45" N	84°14'44" E	Dug Well
KASHINAGARA	Bistala	18°48'47" N	83°57'4" E	Dug Well
KASHINAGARA	K Sitarampur	18°49'3" N	84°0'13" E	Dug Well
PARLAKHEMUNDI	Kalasing Banjero	18°49'43" N	84°17'26" E	Dug Well
PARLAKHEMUNDI	Appalanaidu	18°50'26" N	83°55'9" E	Dug Well
KASHINAGARA	Kasinagar	18°51'22" N	83°52'48" E	Dug Well
PARLAKHEMUNDI	Narayanpur	18°52'25" N	84°11'31" E	Dug Well
MOHANA	Chandiput	19°22'43" N	84°17'46" E	Dug Well
MOHANA	Zubagaon	19°19'36" N	84°18'10" E	Dug Well
MOHANA	Chandragiri	19°18'32" N	84°17'20" E	Dug Well
R.UDAYGIRI	R.udaygiri	19°9'18" N	84°8'45" E	Dug Well
NUAGADA	Khajuripara	19°3'55" N	84°5'34" E	Dug Well
RAYAGADA	Tumbagarh	18°56'28" N	84°14'10" E	Dug Well
PARLAKHEMUNDI	Raygarh	18°53'15" N	84°9'40" E	Dug Well
RAYAGADA	Sabarpur	18°52'47" N	84°10'29" E	Dug Well
PARLAKHEMUNDI	Kantragada	18°51'29" N	84°11'26" E	Dug Well
MOHANA	Damadua	19°33'22" N	84°9'36" E	Dug Well
MOHANA	Adaba	19°29'22" N	84°10'56" E	Dug Well
MOHANA	Luhaguda	19°27'34" N	84°21'45" E	Dug Well
MOHANA	Madhura-Amba	19°26'54" N	84°20'53" E	Dug Well
MOHANA	Dantarinalo	19°26'50" N	84°21'37" E	Dug Well
MOHANA	Mohana	19°26'18" N	84°16'6" E	Dug Well
MOHANA	Kirama	19°26'16" N	84°18'41" E	Dug Well
MOHANA	Lillygada	19°25'43" N	84°17'3" E	Dug Well
MOHANA	Suklipadar	19°24'9" N	84°20'28" E	Dug Well
MOHANA	Taramala	19°23'12" N	84°18'23" E	Dug Well
PARLAKHEMUNDI	Tattipati	18°49'54" N	84°12'36" E	Dug Well
GUMA	Ranipetta	18°48'48" N	84°4'12" E	Dug Well
PARLAKHEMUNDI	Lavanya Khotta	18°48'59" N	84°19'52" E	Dug Well
GUMA	Parasamba	18°50'41" N	84°3'12" E	Dug Well
MOHANA	Ladurma	19°27'19" N	84°15'55" E	Dug Well
MOHANA	Bada Khoni	19°28'54" N	84°17'27" E	Dug Well
MOHANA	Santhi Nagar	19°27'35" N	84°13'2" E	Dug Well
PARLAKHEMUNDI	Garapanth	18°49'49" N	84°16'56" E	Dug Well
RAYAGADA	Pegoda	18°54'48" N	84°9'19" E	Dug Well
PARLAKHEMUNDI	Miniliaon	18°49'41" N	84°0'12" E	Dug Well

DISTRICT_NAME- GANJAM				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
PATRAPUR	Jarada	19°4'30" N	84°30'24" E	Dug Well
PATRAPUR	Jyantipur	19°5'38" N	84°36'48" E	Dug Well
PATRAPUR	Patrapur	19°7'42" N	84°34'38" E	Dug Well
PATRAPUR	Patrapur	19°7'50" N	84°34'12" E	Bore Well
PATRAPUR	Surangi	19°9'30" N	84°32'0" E	Dug Well
CHIKITI	Laxmipur	19°9'46" N	84°36'36" E	Dug Well
CHIKITI	Surlaroad	19°10'9" N	84°42'57" E	Dug Well
CHIKITI	Bairibada	19°10'15" N	84°40'58" E	Dug Well
RANGILUNDA	Mantridi	19°11'20" N	84°46'19" E	Dug Well
CHIKITI	Chikiti	19°11'45" N	84°36'52" E	Dug Well
RANGILUNDA	Golanthara	19°12'15" N	84°45'9" E	Dug Well
RANGILUNDA	Dumdumi	19°13'21" N	84°48'24" E	Dug Well
RANGILUNDA	Hinjalapalli	19°14'9" N	84°47'18" E	Dug Well
KUKUDAKHANDI	Kanakia	19°14'32" N	84°42'34" E	Dug Well
RANGILUNDA	Golabandha	19°14'58" N	84°52'19" E	Dug Well
CHIKITI	Jakara	19°15'4" N	84°33'24" E	Dug Well
RANGILUNDA	Konishi	19°15'15" N	84°46'24" E	Dug Well
RANGILUNDA	Gopalpur	19°15'18" N	84°46'23" E	Dug Well
RANGILUNDA	Phulata	19°16'12" N	84°48'48" E	Dug Well
RANGILUNDA	Korapalli	19°17'5" N	84°52'56" E	Dug Well
KUKUDAKHANDI	Lathi	19°18'10" N	84°45'33" E	Dug Well
CHHATRAPUR	Narendrapur	19°20'6" N	84°52'10" E	Dug Well
CHHATRAPUR	Govindpur	19°20'40" N	84°54'7" E	Dug Well
KUKUDAKHANDI	Ratanpur	19°21'14" N	84°46'15" E	Dug Well
CHHATRAPUR	Chatrapur	19°21'18" N	84°58'44" E	Dug Well
CHHATRAPUR	Chatrapur	19°21'21" N	84°58'50" E	Bore Well
RANGILUNDA	Berhampur	19°22'0" N	84°47'30" E	Dug Well
CHHATRAPUR	Hummuri	19°22'5" N	85°0'10" E	Dug Well
KUKUDAKHANDI	Digapandi	19°22'12" N	84°34'55" E	Dug Well
KUKUDAKHANDI	Pitamberpur	19°22'14" N	84°37'52" E	Dug Well
CHHATRAPUR	Tanganapalli	19°22'22" N	84°52'52" E	Dug Well
CHHATRAPUR	Ganjam	19°22'25" N	85°2'5" E	Dug Well
KUKUDAKHANDI	Digapahandi	19°22'53" N	84°33'58" E	Bore Well
KUKUDAKHANDI	Kukudahandi	19°23'40" N	84°45'15" E	Dug Well
KUKUDAKHANDI	Roigam	19°24'5" N	84°40'24" E	Dug Well
CHHATRAPUR	Kamappalli	19°24'24" N	84°57'12" E	Dug Well
HINJILICUT	Badakhandi	19°25'20" N	84°44'14" E	Dug Well
GANJAM	Huma	19°25'56" N	85°2'18" E	Dug Well
SANAKHEMUNDI	Pudamari	19°26'42" N	84°28'0" E	Dug Well
SANAKHEMUNDI	Patapur	19°26'42" N	84°35'27" E	Dug Well
HINJILICUT	Pochilima	19°27'15" N	84°44'48" E	Dug Well
PURUSOTTAMPUR	Nuapalli	19°27'42" N	84°53'15" E	Dug Well
HINJILICUT	Hinjilicut	19°29'6" N	84°44'33" E	Bore Well

HINJILICUT	Hinjlikatu	19°29'20" N	84°44'30" E	Dug Well
HINJILICUT	Jamuni	19°29'25" N	84°50'7" E	Dug Well
GANJAM	Poirasi	19°29'26" N	84°59'30" E	Dug Well
SARGAD	Sheragada	19°30'28" N	84°36'24" E	Bore Well
SARGAD	Sheragada	19°30'38" N	84°36'53" E	Dug Well
PURUSOTTAMPUR	Purusatampur	19°30'42" N	84°52'32" E	Dug Well
PURUSOTTAMPUR	Bananai	19°31'6" N	84°46'23" E	Dug Well
KHALIKOTE	Rambha	19°31'37" N	85°5'45" E	Dug Well
SARGAD	Pudangi	19°32'10" N	84°37'8" E	Dug Well
SARGAD	Subash Ch.Pur	19°32'23" N	84°37'15" E	Dug Well
KAVISURJYANAGAR	Gudiali	19°34'3" N	84°47'2" E	Dug Well
DHARAKOTE	Manikyapur	19°35'0" N	84°31'17" E	Bore Well
KAVISURJYANAGAR	K.s.nagar	19°35'18" N	84°45'12" E	Dug Well
ASIKA	Koitra	19°36'14" N	84°37'20" E	Dug Well
KHALIKOTE	Khalikot	19°36'35" N	85°5'18" E	Dug Well
ASIKA	Nuagaon	19°37'0" N	84°41'17" E	Dug Well
ASIKA	Aska	19°37'5" N	84°39'15" E	Dug Well
KHALIKOTE	Kodala	19°37'30" N	84°56'18" E	Dug Well
ASIKA	K.nuagan	19°37'40" N	84°39'20" E	Dug Well
KHALIKOTE	Beguniapada	19°37'49" N	84°59'19" E	Bore Well
ASIKA	Mundamarai	19°38'17" N	84°36'14" E	Dug Well
DHARAKOTE	Dharkote	19°38'30" N	84°34'45" E	Dug Well
DHARAKOTE	Badagarh	19°38'42" N	84°24'39" E	Dug Well
ASIKA	Bhetnai	19°40'46" N	84°41'47" E	Dug Well
POLASARA	Palsora	19°41'28" N	84°49'2" E	Bore Well
POLASARA	Polasora	19°41'30" N	84°49'10" E	Dug Well
ASIKA	Badakholi	19°42'32" N	84°42'6" E	Dug Well
ASIKA	Khandrabali	19°43'9" N	84°38'27" E	Dug Well
DHARAKOTE	Suramani	19°43'14" N	84°30'30" E	Dug Well
BELLAGUNTHA	Balipadar	19°44'8" N	84°42'38" E	Dug Well
ASIKA	Kendupadar	19°44'36" N	84°39'25" E	Dug Well
BELLAGUNTHA	Kalamb	19°45'3" N	84°42'16" E	Dug Well
SURADA	Sorada	19°45'35" N	84°26'0" E	Dug Well
DHARAKOTE	Gangapur	19°46'36" N	84°36'48" E	Dug Well
BELLAGUNTHA	Lathipada	19°47'15" N	84°31'3" E	Dug Well
BELLAGUNTHA	Mangalpur	19°48'24" N	84°39'50" E	Dug Well
BELLAGUNTHA	Buguda	19°48'35" N	84°47'25" E	Dug Well
BELLAGUNTHA	Buguda	19°48'36" N	84°47'39" E	Bore Well
BELLAGUNTHA	Nunipada	19°48'46" N	84°36'30" E	Dug Well
BELLAGUNTHA	Gobara	19°49'35" N	84°36'0" E	Dug Well
BELLAGUNTHA	Ambapua	19°51'57" N	84°38'59" E	Dug Well
BELLAGUNTHA	Kontaipalli	19°52'12" N	84°35'12" E	Dug Well
BELLAGUNTHA	Belanguntha	19°52'40" N	84°38'23" E	Bore Well
BELLAGUNTHA	Belanguntha	19°52'54" N	84°38'22" E	Dug Well
BELLAGUNTHA	Kontaipalli	19°53'16" N	84°34'48" E	Dug Well
JAGANATHPRASAD	Baragam	19°53'52" N	84°41'2" E	Dug Well
BELLAGUNTHA	Karachuli	19°54'0" N	84°53'20" E	Dug Well

JAGANATHPRASAD	Jhadabhumi	19°55'9" N	84°43'24" E	Dug Well
BELLAGUNTHA	Bhanjanagar-ii	19°55'50" N	84°34'54" E	Dug Well
BHANJANAGAR	Bhanjanagar-i	19°56'55" N	84°35'0" E	Dug Well
JAGANATHPRASAD	Chadeiapalli Chhak	19°58'9" N	84°50'48" E	Dug Well
JAGANATHPRASAD	Jagannathprasad	19°58'15" N	84°46'40" E	Dug Well
BHANJANAGAR	Mujhagarh	20°1'0" N	84°31'2" E	Dug Well
BHANJANAGAR	Tilisingi	20°1'8" N	84°37'56" E	Dug Well
JAGANATHPRASAD	Chamkahandi	20°2'35" N	84°42'25" E	Dug Well
BHANJANAGAR	Turumu	20°2'42" N	84°37'6" E	Dug Well
BHANJANAGAR	Turumu	20°3'0" N	84°36'53" E	Dug Well
BHANJANAGAR	Dadralunda	20°3'42" N	84°29'20" E	Dug Well
JAGANATHPRASAD	Saishamuli	20°4'6" N	84°36'18" E	Dug Well
JAGANATHPRASAD	Tarasingi	20°5'32" N	84°41'16" E	Dug Well
BHANJANAGAR	Gallery	20°5'33" N	84°34'30" E	Dug Well
JAGANATHPRASAD	Gayagonda	20°9'27" N	84°45'27" E	Dug Well
JAGANATHPRASAD	Gayagonda	20°10'27" N	84°45'3" E	Dug Well

DISTRICT_NAME- JAGATSINGHAPUR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
ERSAMA	Nuagaon	20°13'17" N	86°32'14" E	Dug Well
KUJANG	Bhutmundi	20°19'26" N	86°34'33" E	Dug Well
JAGATSINGHAPUR	Nuapolbazar	20°17'38" N	86°8'23" E	Dug Well
ERSAMA	Machgaon	20°4'1" N	86°14'16" E	Dug Well
BALIKUDA	Balikuda	20°8'17" N	86°16'6" E	Dug Well
KUJANG	Jagannathpur	20°14'10" N	86°21'0" E	Dug Well
JAGATSINGHAPUR	Mukundpur	20°15'1" N	86°11'21" E	Dug Well
JAGATSINGHAPUR	Sinharpur	20°17'49" N	86°8'9" E	Dug Well
TIRTOL	Nausira	20°18'24" N	86°19'58" E	Dug Well
KUJANG	Kujang	20°18'55" N	86°32'0" E	Dug Well
TIRTOL	Raghunathpur	20°20'49" N	86°8'23" E	Dug Well
JAGATSINGHAPUR	Gobindpur	20°19'52" N	86°3'18" E	Dug Well
JAGATSINGHAPUR	Balia Store	20°19'40" N	86°5'9" E	Dug Well
KUJANG	Balarampur	20°19'27" N	86°32'9" E	Dug Well
KUJANG	Bhutmundi	20°19'23" N	86°34'35" E	Dug Well
JAGATSINGHAPUR	Gopinathpur	20°19'15" N	86°6'0" E	Dug Well
KUJANG	Paradeepgarh	20°18'58" N	86°36'30" E	Dug Well
KUJANG	Badapal	20°18'31" N	86°27'9" E	Dug Well
JAGATSINGHAPUR	Kumartota chak	20°18'19" N	86°10'23" E	Dug Well
TIRTOL	Kanakpur	20°17'0" N	86°18'0" E	Dug Well
KUJANG	Paradeep	20°16'45" N	86°41'15" E	Dug Well
ERSAMA	Balituth	20°14'35" N	86°31'43" E	Dug Well
NUAGAON	Nuagaon	20°8'32" N	86°11'15" E	Dug Well
ERSAMA	Ersama	20°12'16" N	86°24'25" E	Dug Well

DISTRICT_NAME- JAJAPUR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
DHARMASALA	Senoi	20°43'46" N	86°8'6" E	Dug Well
DHARMASALA	Baruda	20°46'58" N	86°4'13" E	Dug Well
DHARMASALA	Purunabavlamola	20°48'26" N	86°3'17" E	Dug Well
DHARMASALA	Amnut Monohi	20°52'25" N	86°0'2" E	Dug Well
SUKINDA	Khonedi	20°55'47" N	85°55'42" E	Dug Well
DANAGADI	Phuljhore	21°5'11" N	85°59'7" E	Dug Well
SUKINDA	Sohupur	21°3'3" N	85°58'54" E	Dug Well
SUKINDA	Ragedi	20°54'32" N	86°0'25" E	Dug Well
DHARMASALA	Darpani	20°42'45" N	86°4'41" E	Bore Well
DHARMASALA	Chadeidhara	20°48'30" N	86°3'45" E	Bore Well
DANAGADI	Jakhpura-li	20°56'0" N	86°3'55" E	Bore Well
KORAI	Ragadi	21°2'4" N	86°8'6" E	Bore Well
SUKINDA	Kalarangi-li	21°1'3" N	85°45'30" E	Bore Well
SUKINDA	Dubri-li	20°59'45" N	85°59'0" E	Bore Well
KORAI	Tolagarh	20°59'30" N	86°7'40" E	Bore Well
SUKINDA	Garamian	20°59'10" N	85°47'55" E	Bore Well
SUKINDA	Mangalpur	20°57'58" N	85°51'40" E	Bore Well
DANAGADI	Danagadi-li	20°57'45" N	86°4'45" E	Bore Well
KORAI	Vyasnagar	20°57'30" N	86°6'45" E	Bore Well
SUKINDA	Sukinda-li	20°57'30" N	85°55'0" E	Bore Well
DANAGADI	Tomka	21°5'5" N	85°57'45" E	Bore Well
SUKINDA	Sukurangi	21°2'38" N	85°48'22" E	Bore Well
SUKINDA	Kaliapani	21°2'14" N	85°45'1" E	Bore Well
DANAGADI	Pankpal	20°54'58" N	86°0'50" E	Bore Well
DHARMASALA	Balrampur	20°51'35" N	86°0'15" E	Bore Well
DANAGADI	Kotagaon	20°35'32" N	86°3'7" E	Dug Well
BADACHANA	Chhatia	20°36'41" N	86°3'40" E	Dug Well
BADACHANA	Arkhapur	20°39'14" N	86°9'14" E	Dug Well
BADACHANA	Chandikhole	20°42'45" N	86°8'30" E	Dug Well
DHARMASALA	Pobala	20°44'45" N	86°4'30" E	Dug Well
DHARMASALA	Dankari	20°46'30" N	86°3'38" E	Dug Well
SUKINDA	Saruabil(nuasah	21°3'15" N	85°48'19" E	Dug Well
SUKINDA	Dubri	20°59'30" N	85°59'6" E	Dug Well
SUKINDA	Sukinda	20°58'3" N	85°54'55" E	Dug Well
DANAGADI	Danagadi	20°57'53" N	86°4'48" E	Dug Well
DHARMASALA	Hatibari	20°53'12" N	85°57'18" E	Dug Well
DHARMASALA	Kabatabandha	20°52'20" N	86°1'30" E	Dug Well
RASUL PUR	Kuakhia	20°49'15" N	86°12'11" E	Dug Well
JAJAPUR	Kabirpur	20°48'20" N	86°15'15" E	Dug Well
DHARMASALA	Ragadiposi	20°48'1" N	86°3'39" E	Dug Well
DHARMASALA	Jamjhari	20°47'31" N	86°4'46" E	Dug Well
DHARMASALA	Madhupurgarh	20°47'3" N	86°5'45" E	Dug Well
DHARMASALA	Dharmasala	20°46'31" N	86°10'3" E	Dug Well
DHARMASALA	Rampej	20°45'25" N	86°3'0" E	Dug Well

DANAGADI	Jakhpura	20°55'56" N	86°3'48" E	Dug Well
SUKINDA	Ambasar	20°54'50" N	85°56'6" E	Dug Well
DHARMASALA	Jhargadia	20°44'2" N	86°5'58" E	Dug Well
BADACHANA	Haridaspur	20°43'29" N	86°7'15" E	Dug Well
DHARMASALA	Neulpur	20°42'44" N	86°8'54" E	Dug Well
BINJHARPUR	Singpur	20°41'40" N	86°30'40" E	Dug Well
BADACHANA	Barchana	20°41'13" N	86°2'42" E	Dug Well
DASARATHAPUR	Mangalpur	20°48'55" N	86°31'45" E	Dug Well
SUKINDA	Chinguripal	21°3'15" N	85°45'0" E	Dug Well
SUKINDA	Kalarangi	20°58'26" N	85°52'12" E	Dug Well
JAJAPUR	Jajpur	20°50'7" N	86°20'13" E	Dug Well

DISTRICT_NAME- JHARSUGUDA				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
LAKHANPUR	Lakhanpur	21°45'40" N	83°46'25" E	Dug Well
LAKHANPUR	Katarbaga	21°46'40" N	83°38'22" E	Dug Well
JHARSUGUDA	Brajrajnagar	21°49'10" N	83°55'55" E	Dug Well
LAKHANPUR	Bhikhampali	21°47'13" N	83°34'18" E	Dug Well
JHARSUGUDA	Belpahar	21°49'32" N	83°50'55" E	Dug Well
JHARSUGUDA	Jharsuguda	21°51'18" N	84°1'0" E	Dug Well
LAIKERA	Laikera	21°53'0" N	84°12'20" E	Dug Well
KIRIMIRA	Jamkani	21°54'37" N	84°6'44" E	Dug Well
LAIKERA	Kirimera	21°52'39" N	84°9'19" E	Dug Well
LAKHANPUR	Singarpur	21°35'44" N	83°57'51" E	Dug Well
LAKHANPUR	Panchagaon	21°47'7" N	83°35'39" E	Dug Well
LAIKERA	Dumerdihi	21°55'35" N	84°15'39" E	Dug Well
LAIKERA	Sahaspur	21°56'36" N	84°17'37" E	Dug Well
KIRIMIRA	Bhalupatra	21°51'9" N	84°6'59" E	Dug Well
JHARSUGUDA	Badmal	21°48'53" N	84°0'20" E	Dug Well

DISTRICT_NAME- KALAHANDI				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
LANJIGARH	Biswanathppur	19°49'2" N	83°25'55" E	Dug Well
THUAMUL RAM PUR	Gunupur	19°36'30" N	83°7'0" E	Dug Well
LANJIGARH	Langigarh	19°42'16" N	83°18'0" E	Dug Well
JUNAGARH	Tal Jaring	19°53'41" N	83°1'15" E	Dug Well
BHAWANIPATNA	Attanguda	19°51'57" N	83°9'32" E	Dug Well
BHAWANIPATNA	Malgaon	19°55'39" N	83°6'50" E	Dug Well
JAYAPATNA	Mukhiguda	19°25'59" N	82°51'19" E	Dug Well
JAYAPATNA	Jaipatna	19°28'14" N	82°48'39" E	Dug Well

JAYAPATNA	Baner	19°31'52" N	82°48'50" E	Dug Well
THUAMUL RAM PUR	Thuamalrampur	19°32'42" N	82°56'5" E	Dug Well
KOKASARA	Sunamala	19°37'10" N	82°41'22" E	Dug Well
KALAMPUR	Moter	19°42'55" N	82°47'45" E	Dug Well
JUNAGARH	Charbahal	19°44'27" N	82°48'41" E	Dug Well
JUNAGARH	Jaring	19°53'37" N	83°1'18" E	Dug Well
DHARAMAGARH	Dharamgarh	19°52'12" N	82°46'47" E	Dug Well
JUNAGARH	Junagarh	19°51'54" N	82°56'19" E	Dug Well
JUNAGARH	Junagarh	19°51'30" N	82°55'49" E	Dug Well
LANJIGARH	Pokaribandh	19°51'10" N	83°25'15" E	Dug Well
JUNAGARH	Baldiamal	19°50'38" N	82°54'25" E	Dug Well
JUNAGARH	Badbasul	19°50'8" N	82°50'15" E	Dug Well
BHAWANIPATNA	Dalguma	19°49'0" N	83°7'15" E	Dug Well
JUNAGARH	Mahichala	19°46'40" N	82°50'45" E	Dug Well
MADANPUR RAMPUR	M-rampur	20°11'50" N	83°31'30" E	Dug Well
KESINGA	Kesinga	20°11'15" N	83°13'24" E	Dug Well
KESINGA	Kesinga	20°11'15" N	83°13'24" E	Bore Well
BHAWANIPATNA	Sargigora	20°10'15" N	82°59'24" E	Dug Well
MADANPUR RAMPUR	Jurakhman	20°9'52" N	83°36'50" E	Dug Well
NARALA	Tulapada	20°7'39" N	83°25'4" E	Dug Well
GOLAMUNDA	Kegaon	20°6'15" N	82°53'45" E	Dug Well
BHAWANIPATNA	Karlapada	20°3'46" N	83°6'24" E	Dug Well
LANJIGARH	Narla	20°3'45" N	83°22'59" E	Dug Well
KARLAMUNDA	Risida	20°24'5" N	83°28'22" E	Dug Well
MADANPUR RAMPUR	Madanpur	20°18'28" N	83°31'57" E	Dug Well
KESINGA	Tundala	20°17'58" N	83°21'22" E	Dug Well
GOLAMUNDA	Golmunda	20°3'20" N	82°47'18" E	Dug Well
GOLAMUNDA	Golamunda	20°3'20" N	82°47'18" E	Bore Well
BHAWANIPATNA	Pastikudi	20°1'4" N	83°9'54" E	Dug Well
BHAWANIPATNA	Pastikudi	20°1'4" N	83°9'54" E	Bore Well
NARALA	Santapur	19°58'8" N	83°19'16" E	Dug Well
GOLAMUNDA	Daspur	19°57'54" N	82°52'0" E	Dug Well
BHAWANIPATNA	Bawanipatna	19°54'29" N	83°9'33" E	Dug Well
BHAWANIPATNA	Bhawanipatna	19°54'29" N	83°9'33" E	Bore Well
JUNAGARH	Chiliguda	19°43'57" N	82°54'38" E	Dug Well
KOKASARA	Koksara	19°40'32" N	82°41'42" E	Dug Well
KALAMPUR	Kalampur	19°37'20" N	82°53'0" E	Dug Well
JAYAPATNA	Ladugaon	19°36'42" N	82°42'20" E	Bore Well
JAYAPATNA	Bijamara	19°33'30" N	82°49'12" E	Dug Well
KOKASARA	Ampani	19°34'56" N	82°37'28" E	Dug Well
KALAMPUR	Bandigaon	19°36'25" N	82°48'50" E	Dug Well

DISTRICT_NAME- KALAHANDI				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
LANJIGARH	Biswanathppur	19°49'2" N	83°25'55" E	Dug Well
THUAMUL RAM PUR	Gunupur	19°36'30" N	83°7'0" E	Dug Well
LANJIGARH	Langigarh	19°42'16" N	83°18'0" E	Dug Well
JUNAGARH	Tal Jaring	19°53'41" N	83°1'15" E	Dug Well
BHAWANIPATNA	Attanguda	19°51'57" N	83°9'32" E	Dug Well
BHAWANIPATNA	Malgaon	19°55'39" N	83°6'50" E	Dug Well
JAYAPATNA	Mukhiguda	19°25'59" N	82°51'19" E	Dug Well
JAYAPATNA	Jaipatna	19°28'14" N	82°48'39" E	Dug Well
JAYAPATNA	Baner	19°31'52" N	82°48'50" E	Dug Well
THUAMUL RAM PUR	Thuamalrampur	19°32'42" N	82°56'5" E	Dug Well
KOKASARA	Sunamala	19°37'10" N	82°41'22" E	Dug Well
KALAMPUR	Moter	19°42'55" N	82°47'45" E	Dug Well
JUNAGARH	Charbahal	19°44'27" N	82°48'41" E	Dug Well
JUNAGARH	Jaring	19°53'37" N	83°1'18" E	Dug Well
DHARAMAGARH	Dharamgarh	19°52'12" N	82°46'47" E	Dug Well
JUNAGARH	Junagarh	19°51'54" N	82°56'19" E	Dug Well
JUNAGARH	Junagarh	19°51'30" N	82°55'49" E	Dug Well
LANJIGARH	Pokaribandh	19°51'10" N	83°25'15" E	Dug Well
JUNAGARH	Baldiamal	19°50'38" N	82°54'25" E	Dug Well
JUNAGARH	Badbasul	19°50'8" N	82°50'15" E	Dug Well
BHAWANIPATNA	Dalguma	19°49'0" N	83°7'15" E	Dug Well
JUNAGARH	Mahichala	19°46'40" N	82°50'45" E	Dug Well
MADANPUR RAMPUR	M-rampur	20°11'50" N	83°31'30" E	Dug Well
KESINGA	Kesinga	20°11'15" N	83°13'24" E	Dug Well
KESINGA	Kesinga	20°11'15" N	83°13'24" E	Bore Well
BHAWANIPATNA	Sargigora	20°10'15" N	82°59'24" E	Dug Well
MADANPUR RAMPUR	Jurakhman	20°9'52" N	83°36'50" E	Dug Well
NARALA	Tulapada	20°7'39" N	83°25'4" E	Dug Well
GOLAMUNDA	Kegaon	20°6'15" N	82°53'45" E	Dug Well
BHAWANIPATNA	Karlapada	20°3'46" N	83°6'24" E	Dug Well
LANJIGARH	Narla	20°3'45" N	83°22'59" E	Dug Well
KARLAMUNDA	Risida	20°24'5" N	83°28'22" E	Dug Well
MADANPUR RAMPUR	Madanpur	20°18'28" N	83°31'57" E	Dug Well
KESINGA	Tundala	20°17'58" N	83°21'22" E	Dug Well
GOLAMUNDA	Golmunda	20°3'20" N	82°47'18" E	Dug Well
GOLAMUNDA	Golamunda	20°3'20" N	82°47'18" E	Bore Well
BHAWANIPATNA	Pastikudi	20°1'4" N	83°9'54" E	Dug Well
BHAWANIPATNA	Pastikudi	20°1'4" N	83°9'54" E	Bore Well
NARALA	Santapur	19°58'8" N	83°19'16" E	Dug Well
GOLAMUNDA	Daspur	19°57'54" N	82°52'0" E	Dug Well

BHAWANIPATNA	Bawanipatna	19°54'29" N	83°9'33" E	Dug Well
BHAWANIPATNA	Bhawanipatna	19°54'29" N	83°9'33" E	Bore Well
JUNAGARH	Chiliguda	19°43'57" N	82°54'38" E	Dug Well
KOKASARA	Koksara	19°40'32" N	82°41'42" E	Dug Well
KALAMPUR	Kalampur	19°37'20" N	82°53'0" E	Dug Well
JAYAPATNA	Ladugaon	19°36'42" N	82°42'20" E	Bore Well
JAYAPATNA	Bijamara	19°33'30" N	82°49'12" E	Dug Well
KOKASARA	Ampani	19°34'56" N	82°37'28" E	Dug Well
KALAMPUR	Bandigaon	19°36'25" N	82°48'50" E	Dug Well

DISTRICT_NAME- KANDHAMAL				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
KOTAGARH	Bandapipali	19°42'39" N	83°40'2" E	Dug Well
KOTAGARH	Kotgarh	19°50'17" N	83°43'40" E	Dug Well
DARINGBADI	Daringbadi	19°54'35" N	84°7'20" E	Dug Well
G.UDAYAGIRI	G.udaigiri	20°7'22" N	84°22'18" E	Dug Well
G.UDAYAGIRI	Kalinga	20°9'27" N	84°25'15" E	Dug Well
G.UDAYAGIRI	G-udaigiri	20°7'22" N	84°22'18" E	Dug Well
TUMUDIBANDHA	Tumdibandh	19°58'18" N	83°42'20" E	Dug Well
RAIKIA	Raikia-ii	20°3'27" N	84°14'42" E	Dug Well
BALIGUDA	Baliguda	20°11'57" N	83°54'30" E	Dug Well
PHULABANI	Katringia	20°28'45" N	84°5'22" E	Dug Well
KHAJURIPADA	Khajuripada	20°26'26" N	84°24'23" E	Dug Well
KHAJURIPADA	Telapalli	20°23'8" N	84°10'47" E	Dug Well
PHIRINGIA	Phirinija-ii	20°21'22" N	84°7'18" E	Dug Well
PHIRINGIA	Phiringia-i	20°21'20" N	84°7'22" E	Dug Well
PHIRINGIA	Phulbani	20°21'20" N	84°7'22" E	Bore Well
KHAJURIPADA	Gumagarh	20°21'3" N	84°15'8" E	Dug Well
CHAKPAD	Sankarakhol	20°18'59" N	84°17'46" E	Dug Well
BALIGUDA	Barkhama	20°14'30" N	83°50'10" E	Dug Well
KHAJURIPADA	Ranipathar	20°34'20" N	84°22'45" E	Dug Well
KHAJURIPADA	Sudrukumpa	20°32'0" N	84°18'5" E	Dug Well
PHULABANI	Dubagarh	20°30'30" N	84°9'6" E	Dug Well
PHULABANI	Phulbani	20°29'23" N	84°13'22" E	Dug Well
TIKABALI	Paburiya	20°9'57" N	84°15'23" E	Dug Well
NAUGAON	Nuagaon	20°8'8" N	84°0'20" E	Dug Well
TUMUDIBANDHA	Kurtamgarh	20°3'35" N	83°45'25" E	Dug Well
G.UDAYAGIRI	Lingagada	20°4'0" N	84°19'15" E	Dug Well
TUMUDIBANDHA	Sunagaon	20°4'35" N	83°39'0" E	Dug Well
NAUGAON	Gunjibadi	20°5'37" N	84°8'55" E	Dug Well
BALIGUDA	Bataguda	20°7'0" N	83°50'40" E	Dug Well

DISTRICT_NAME- KENDRAPARA				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
KENDRAPARA	Dobandha Mathha	20°30'46" N	86°24'12" E	Dug Well
PATTAMUNDAI	Pattamundai	20°34'20" N	86°33'53" E	Dug Well
RAJNAGAR	Rajnagar	20°34'23" N	86°42'53" E	Dug Well
KENDRAPARA	Nikrai	20°35'4" N	86°23'27" E	Dug Well
DERA BIS	Dalbi	20°29'39" N	86°18'52" E	Dug Well
KENDRAPARA	Chantibazar	20°30'11" N	86°20'5" E	Dug Well
KENDRAPARA	Jamthar	20°30'36" N	86°21'36" E	Dug Well
GARADPUR	Patkura	20°23'15" N	86°24'20" E	Dug Well
MAHAKALA PADA	Mahakalpara	20°25'15" N	86°34'50" E	Dug Well
MARSA GHAI	Marshaghai	20°25'27" N	86°29'3" E	Dug Well
PATTAMUNDAI	Rajgarh	20°27'0" N	86°32'25" E	Dug Well
KENDRAPARA	Kendrapara	20°30'6" N	86°25'20" E	Dug Well
KENDRAPARA	Shyamsundarpur	20°30'20" N	86°23'39" E	Dug Well
DERA BIS	Laxminarayanpur	20°33'18" N	86°19'20" E	Dug Well
KENDRAPARA	Jajanga	20°31'24" N	86°26'31" E	Dug Well
KENDRAPARA	Ramnagar	20°31'21" N	86°24'4" E	Dug Well
KENDRAPARA	Kasoti	20°31'8" N	86°22'26" E	Dug Well
KENDRAPARA	Duhuria	20°30'49" N	86°29'8" E	Dug Well
KENDRAPARA	Kajala	20°30'44" N	86°24'11" E	Dug Well
KENDRAPARA	Jantilo	20°30'29" N	86°21'8" E	Dug Well
PATTAMUNDAI	Jajang-II	20°30'10" N	86°27'15" E	Tube Well
PATTAMUNDAI	Aul(ali)	20°40'34" N	86°38'20" E	Dug Well
PATTAMUNDAI	Jajang-1	20°30'10" N	86°27'15" E	Tube Well
KENDRAPARA	Melakasahi	20°30'2" N	86°19'52" E	Dug Well
MARSA GHAI	Hatia	20°27'11" N	86°27'7" E	Dug Well
MARSA GHAI	Chatua	20°27'50" N	86°28'15" E	Dug Well
DERA BIS	Chandola	20°29'20" N	86°17'30" E	Dug Well
KENDRAPARA	Gogua	20°34'14" N	86°24'27" E	Dug Well
PATTAMUNDAI	Pattamundai	20°34'53" N	86°33'42" E	Dug Well
KENDRAPARA	Nikrai	20°35'0" N	86°23'30" E	Dug Well
KENDRAPARA	Indupur	20°36'0" N	86°24'6" E	Tube Well
PATTAMUNDAI	Pattamundai	20°35'3" N	86°33'57" E	Tube Well
RAJNAGAR	Rajnagar-R	20°34'23" N	86°42'39" E	Dug Well

DISTRICT_NAME- KENDUJHAR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
ANANDPUR	Nuagaon	21°5'43" N	86°6'44" E	Dug Well
TELKOI	Kuntapada	21°19'36" N	85°24'36" E	Dug Well
TELKOI	Pitanali	21°24'48" N	85°26'44" E	Dug Well
TELKOI	Gonasika	21°29'51" N	85°32'5" E	Dug Well

GHATGAON	Melana	21°21'56" N	85°58'6" E	Dug Well
KENDUJHARGARH	Naranpur	21°36'56" N	85°38'43" E	Dug Well
JODA	Rugudi	22°0'3" N	85°19'35" E	Dug Well
JODA	Guali	21°58'45" N	85°17'10" E	Dug Well
GHASIPURA	Sainkula	21°7'8" N	86°7'52" E	Bore Well
ANANDPUR	Balduan-I	21°12'31" N	86°11'15" E	Bore Well
HATADIHI	Mathadai-li	21°11'15" N	86°14'46" E	Bore Well
GHASIPURA	Ghasipura	21°12'40" N	86°6'30" E	Bore Well
HARICHADANPUR	Harichandanpur-li	21°20'45" N	85°47'25" E	Bore Well
KENDUJHARGARH	Keonjhar Sadar	21°37'30" N	85°36'0" E	Bore Well
BANSPAL	Banspal-li	21°37'10" N	85°25'5" E	Bore Well
PATANA	Swampatna-li	21°30'18" N	85°39'10" E	Bore Well
HARICHADANPUR	Baxibargaon	21°30'0" N	85°39'0" E	Bore Well
GHATGAON	Dhenkikot-li	21°29'53" N	85°50'5" E	Bore Well
TELKOI	Jagmohanpur-li	21°26'6" N	85°20'6" E	Bore Well
HARICHADANPUR	Jhangira	21°26'5" N	85°37'32" E	Bore Well
GHATGAON	Ghatgaon-li	21°23'38" N	85°58'55" E	Bore Well
HATADIHI	Bidyadharpur	21°14'59" N	86°16'45" E	Bore Well
JHUMPURA	Jhumpura-li	21°49'40" N	85°34'0" E	Bore Well
KENDUJHARGARH	Padampur-li	21°45'50" N	85°35'15" E	Bore Well
SAHARAPADA	Gajitangri	21°44'28" N	85°54'37" E	Dug Well
SAHARAPADA	Udaipur-li	21°42'12" N	85°51'28" E	Bore Well
SAHARAPADA	Badbil	21°40'42" N	85°56'19" E	Dug Well
TELKOI	Bimala	21°11'38" N	85°24'2" E	Dug Well
JODA	Rugudi	22°0'30" N	85°20'5" E	Dug Well
JODA	Barbil	22°7'30" N	85°23'0" E	Dug Well
JODA	Bhadrasahi	22°3'20" N	85°23'27" E	Dug Well
TELKOI	Kaliahata	21°12'15" N	85°36'0" E	Dug Well
TELKOI	Jagmohanpur	21°26'6" N	85°20'6" E	Dug Well
GHATGAON	Janghira	21°26'0" N	85°37'30" E	Dug Well
TELKOI	Telkoi	21°21'43" N	85°23'57" E	Dug Well
TELKOI	Padang	21°16'0" N	85°29'0" E	Dug Well
GHASIPURA	Ramchandrapur	21°4'21" N	86°6'48" E	Dug Well
GHASIPURA	Barpada	21°7'10" N	86°7'0" E	Dug Well
PATANA	Kendeiposhi	21°41'30" N	85°48'0" E	Dug Well
PATANA	Balaniposi	21°41'4" N	85°46'20" E	Dug Well
ANANDPUR	Belbahali	21°40'42" N	85°56'7" E	Dug Well
PATANA	Tangarpada	21°39'24" N	85°50'48" E	Dug Well
KENDUJHARGARH	Muktapur	21°39'12" N	85°37'54" E	Dug Well
TELKOI	Balijhodi	21°38'22" N	85°36'19" E	Dug Well
SAHARAPADA	Swampatna	21°38'18" N	85°54'2" E	Dug Well
KENDUJHARGARH	Keonjharharh	21°37'55" N	85°36'45" E	Dug Well
PATANA	Malliposi	21°34'50" N	85°53'40" E	Dug Well
JODA	Joda	22°1'30" N	85°26'30" E	Dug Well
CHAMPUA	Sasang	22°0'48" N	85°39'37" E	Dug Well
JHUMPURA	Karanjia	21°57'34" N	85°40'42" E	Dug Well
CHAMPUA	Karanjia	21°57'33" N	85°40'41" E	Dug Well
CHAMPUA	Parsora	21°56'47" N	85°36'14" E	Dug Well

JHUMPURA	Badaposhi	21°53'17" N	85°40'36" E	Dug Well
CHAMPUA	Jodipada	21°53'0" N	85°34'22" E	Dug Well
JODA	Nalda	21°52'59" N	85°34'21" E	Dug Well
PATANA	Burikapuri	21°50'20" N	85°47'0" E	Dug Well
CHAMPUA	Champua	22°3'54" N	85°39'27" E	Dug Well
CHAMPUA	Belaipada	22°3'15" N	85°33'26" E	Dug Well
CHAMPUA	Jaymangalpur	22°2'20" N	85°34'30" E	Dug Well
JHUMPURA	Jhumpura	21°49'37" N	85°34'6" E	Dug Well
JHUMPURA	Ukunta	21°48'19" N	85°41'24" E	Dug Well
PATANA	Turmunga	21°47'18" N	85°48'0" E	Dug Well
KENDUJHARGARH	Palasponga	21°46'55" N	85°34'8" E	Dug Well
KENDUJHARGARH	Padampur	21°43'50" N	85°35'15" E	Dug Well
SAHARAPADA	Saharpara	21°43'30" N	85°57'30" E	Dug Well
PATANA	Khiritangiri	21°42'55" N	85°41'24" E	Dug Well
SAHARAPADA	Udaipur	21°42'12" N	85°51'28" E	Dug Well
KENDUJHARGARH	Gopalpur	21°33'55" N	85°42'18" E	Dug Well
GHATGAON	Pipilia	21°33'46" N	85°46'18" E	Dug Well
GHATGAON	Baxibarigan	21°30'0" N	85°39'0" E	Dug Well
BANSPAL	Kanjipani	21°29'58" N	85°28'35" E	Dug Well
GHATGAON	Dhenkikot	21°29'35" N	85°50'5" E	Dug Well
BANSPAL	Baradevata	21°27'11" N	85°23'8" E	Dug Well
GHATGAON	Gadadharpur	21°26'44" N	85°52'33" E	Dug Well
GHATGAON	Ghatgaon	21°23'38" N	85°53'55" E	Dug Well
BANSPAL	Suakati	21°36'25" N	85°31'20" E	Dug Well
PATANA	Kothaghar	21°35'30" N	85°57'40" E	Dug Well
KENDUJHARGARH	Haridagot	21°35'0" N	85°39'0" E	Dug Well
GHATGAON	Dhangadiha	21°23'15" N	85°50'20" E	Dug Well
HARICHADANPUR	Harichandanpur	21°20'25" N	85°47'25" E	Dug Well
HATADIHI	Nuasahi	21°16'23" N	86°19'56" E	Dug Well
GHASIPURA	Birgovindpur	21°16'15" N	86°5'12" E	Dug Well
TELKOI	Akul	21°16'14" N	85°24'49" E	Dug Well
ANANDPUR	Bhagomunda	21°16'7" N	85°52'30" E	Dug Well
HARICHADANPUR	Sonapent	21°15'30" N	85°45'21" E	Dug Well
HATADIHI	Ghasipur	21°12'40" N	86°7'15" E	Dug Well
GHATGAON	Patilo	21°25'28" N	85°42'48" E	Dug Well
JHUMPURA	Katalaposhi	21°23'48" N	85°25'59" E	Dug Well
HATADIHI	Anandapur	21°12'36" N	86°7'48" E	Dug Well
TELKOI	Benamunda	21°11'59" N	85°34'4" E	Dug Well
TELKOI	Patakhal	21°11'26" N	85°31'54" E	Dug Well
GHASIPURA	Balarampur	21°11'18" N	86°3'44" E	Dug Well
GHASIPURA	Deogan	21°9'54" N	86°2'48" E	Dug Well
GHASIPURA	Kesurdapal	21°10'8" N	86°0'13" E	Dug Well
HATADIHI	Mathadai	21°11'14" N	86°14'46" E	Dug Well

DISTRICT_NAME- KHORDHA				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
JATANI	Jatni	20°9'50" N	85°41'55" E	Dug Well
CHILIKA	Balugaon	19°44'50" N	85°12'28" E	Dug Well
TANGI	Tangi	19°55'31" N	85°23'52" E	Dug Well
TANGI	Bhusundapur	19°57'10" N	85°28'50" E	Dug Well
TANGI	Nirakarpur	19°59'38" N	85°32'24" E	Dug Well
JATANI	Jatni	20°10'0" N	85°41'0" E	Dug Well
JATANI	Padanpur	20°10'22" N	85°40'32" E	Dug Well
KHORDHA	Khurda Industrial Area	20°10'32" N	85°38'18" E	Dug Well
KHORDHA	Khurda	20°10'55" N	85°37'3" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'16" N	85°48'24" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'15" N	85°49'11" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'13" N	85°49'16" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'4" N	85°50'27" E	Dug Well
BHUBANESWAR	Kuha	20°14'3" N	85°47'48" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°13'57" N	85°44'33" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°13'41" N	85°50'18" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°13'40" N	85°48'52" E	Dug Well
BHUBANESWAR	Sundaripada	20°13'31" N	85°48'49" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'14" N	85°49'50" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'6" N	85°51'6" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'1" N	85°48'24" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'56" N	85°47'20" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'48" N	85°50'25" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'41" N	85°49'40" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'36" N	85°49'56" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'35" N	85°51'17" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'34" N	85°49'55" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'14" N	85°50'41" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'12" N	85°46'52" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'58" N	85°49'52" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'53" N	85°49'41" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'52" N	85°49'26" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'38" N	85°45'21" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'37" N	85°45'57" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'33" N	85°51'49" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'19" N	85°51'27" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°19'48" N	85°54'3" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°19'22" N	85°53'24" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°19'19" N	85°47'45" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°18'3" N	85°49'51" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'56" N	85°49'24" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'55" N	85°49'4" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'48" N	85°49'28" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'43" N	85°51'50" E	Dug Well

BHUBANESWAR	Bhubaneswar Urban	20°17'42" N	85°49'55" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'41" N	85°51'52" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'21" N	85°51'12" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'16" N	85°50'13" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°17'14" N	85°51'18" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°22'8" N	85°48'32" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'15" N	85°51'2" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°16'2" N	85°47'59" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'57" N	85°49'16" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'55" N	85°50'19" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'51" N	85°49'4" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'37" N	85°43'31" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'29" N	85°49'51" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°15'25" N	85°49'9" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°12'55" N	85°42'43" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°12'44" N	85°40'43" E	Dug Well
JATANI	Gobindpur	20°11'58" N	85°42'1" E	Dug Well
JATANI	Sandhapur	20°10'50" N	85°42'5" E	Dug Well
JATANI	Niranjanpur	20°9'31" N	85°45'25" E	Dug Well
JATANI	Budhapada	20°8'43" N	85°44'55" E	Dug Well
TANGI	Jankia	20°1'54" N	85°31'18" E	Dug Well
BEGUNIA	Begunia	20°12'12" N	85°27'15" E	Dug Well
BHUBANESWAR	Chantaka	20°22'5" N	85°46'0" E	Dug Well
BHUBANESWAR	Menthasala	20°16'4" N	85°41'49" E	Dug Well
BHUBANESWAR	Tamando	20°13'58" N	85°44'36" E	Dug Well
KHORDHA	Jayamangal	20°12'48" N	85°32'44" E	Dug Well
BALIPATANA	Odakhanda	20°7'0" N	85°58'32" E	Dug Well
BEGUNIA	Sarua	20°13'5" N	85°31'49" E	Dug Well
JATANI	Janla	20°13'0" N	85°42'58" E	Dug Well
BOLAGAD	Bolagarh	20°10'15" N	85°16'40" E	Dug Well
BHUBANESWAR	Bhubaneswar-i	20°17'3" N	85°50'58" E	Dug Well
BHUBANESWAR	Patia	20°23'53" N	85°47'28" E	Dug Well
BALIANTA	Kundaidarapatna	20°20'55" N	85°53'33" E	Dug Well
BHUBANESWAR	Palasuni	20°20'39" N	85°45'15" E	Dug Well
BHUBANESWAR	Raghunathpur	20°20'35" N	85°47'10" E	Dug Well
BHUBANESWAR	Khandagiri	20°15'35" N	85°47'20" E	Dug Well
BHUBANESWAR	Central Poultry Farm	20°14'3" N	85°49'6" E	Dug Well
BEGUNIA	Baghmari	20°13'12" N	85°30'6" E	Dug Well
BOLAGAD	Pichkuli	20°11'0" N	85°23'0" E	Dug Well
BALIPATANA	Balipatna	20°12'18" N	85°57'49" E	Dug Well
BALIPATANA	Balakati	20°12'3" N	85°52'8" E	Dug Well
BALIPATANA	Panikata	20°10'42" N	85°54'12" E	Dug Well

DISTRICT_NAME- KORAPUT				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
NANDAPUR	Bheja	18°28'33" N	82°41'8" E	Dug Well
NANDAPUR	Soguru	18°30'53" N	82°36'58" E	Dug Well
NANDAPUR	Nandapur	18°32'0" N	82°44'30" E	Dug Well
POTTANGI	Potangi	18°33'48" N	82°57'42" E	Dug Well
LAMPTAPUT	Lamtaput	18°36'55" N	82°35'39" E	Dug Well
SIMILIGUDA	Kunduli	18°36'36" N	82°53'30" E	Dug Well
SIMILIGUDA	Similiguda	18°42'15" N	82°49'15" E	Dug Well
BOIPARIGUDA	Baipariguda	18°45'30" N	82°26'18" E	Dug Well
SIMILIGUDA	Similiguda	18°42'37" N	82°52'9" E	Dug Well
JEYPUR	Umeri	18°54'0" N	82°34'11" E	Dug Well
JEYPUR	Umeri	18°53'58" N	82°33'42" E	Dug Well
JEYPUR	Anta	18°51'55" N	82°31'20" E	Dug Well
JEYPUR	Jeypore	18°51'10" N	82°34'53" E	Dug Well
JEYPUR	Kantarkhal	18°50'55" N	82°32'24" E	Dug Well
KORAPUT	Deoghati	18°49'38" N	82°38'30" E	Dug Well
JEYPUR	Panasaputbagh	18°48'47" N	82°32'52" E	Dug Well
BOIPARIGUDA	Ramgiri	18°46'36" N	82°15'28" E	Dug Well
BOIPARIGUDA	Dhaulapur	18°46'28" N	82°19'31" E	Dug Well
BOIPARIGUDA	Patraput	18°46'22" N	82°31'40" E	Dug Well
KORAPUT	Koraput-ii	18°48'41" N	82°43'18" E	Dug Well
LAKSHMIPUR	Panchada	18°55'19" N	82°57'27" E	Dug Well
JEYPUR	Ambaguda	18°57'30" N	82°32'10" E	Dug Well
JEYPUR	Kenduguda	18°58'35" N	82°32'40" E	Dug Well
JEYPUR	Jyantigiri	19°0'23" N	82°34'0" E	Dug Well
JEYPUR	C.kusimi-i	19°1'27" N	82°25'50" E	Dug Well
BORIGUMA	Khaliaguda	19°8'48" N	82°32'45" E	Dug Well
KOTPAD	Miriguda	19°8'46" N	82°24'1" E	Dug Well
KOTPAD	Kotpad	19°8'30" N	82°16'20" E	Dug Well
KOTPAD	Damanahandi	19°7'27" N	82°17'24" E	Dug Well
BORIGUMA	Sasanhandi-ii	19°6'32" N	82°28'26" E	Dug Well
KOTPAD	Gumur	19°6'1" N	82°20'25" E	Dug Well
KOTPAD	Chandli	19°5'10" N	82°14'25" E	Dug Well
BORIGUMA	Tikaguda	19°4'47" N	82°35'25" E	Dug Well
BORIGUMA	Bijapur	19°4'21" N	82°31'31" E	Dug Well
BORIGUMA	Boriguma	19°3'5" N	82°32'48" E	Dug Well
DASAMANTAPUR	Dasmanthapur	19°3'3" N	82°55'40" E	Dug Well
KUNDURA	Bajiguda	19°2'24" N	82°22'13" E	Dug Well
JEYPUR	C-kusumi-ii	19°1'34" N	82°26'3" E	Dug Well
BORIGUMA	Jujari	19°9'12" N	82°34'40" E	Dug Well
KUNDURA	Ghatarala	19°1'26" N	82°24'0" E	Dug Well
JEYPUR	Konga	18°59'53" N	82°28'30" E	Dug Well
JEYPUR	Ambaguda	18°58'0" N	82°33'45" E	Dug Well
LAKSHMIPUR	Kakriguma	18°55'21" N	83°0'34" E	Dug Well
DASAMANTAPUR	Podagada	18°51'20" N	82°52'12" E	Dug Well
KORAPUT	Koraput-i	18°48'43" N	82°43'18" E	Dug Well

BOIPARIGUDA	Tanginiguda	18°42'24" N	82°24'20" E	Dug Well
BOIPARIGUDA	Ramgiri	18°45'36" N	82°15'27" E	Dug Well
BANDHUGAON	Peddagadavalasa	18°56'30" N	83°1'35" E	Dug Well
SIMILIGUDA	Pitaguda	18°38'39" N	82°49'16" E	Dug Well
KORAPUT	Dumuriput	18°47'2" N	82°47'2" E	Dug Well
BOIPARIGUDA	Doraguda	18°45'41" N	82°28'34" E	Dug Well
BOIPARIGUDA	Mundaguda	18°46'1" N	82°23'16" E	Dug Well
JEYPUR	Kantarkhal	18°50'59" N	82°32'30" E	Dug Well
LAKSHMIPUR	Kusumguda	18°58'5" N	83°2'17" E	Dug Well
LAKSHMIPUR	Laxmipur	18°59'54" N	83°7'35" E	Dug Well
BORIGUMA	Bangalaguda	19°12'4" N	82°33'34" E	Dug Well
LAKSHMIPUR	Lakshmipur	18°59'31" N	83°6'58" E	Dug Well
NARAYAN PATANA	Narayanpatna	18°52'32" N	83°10'15" E	Dug Well
JEYPUR	Balia	18°49'18" N	82°30'16" E	Dug Well
NANDAPUR	Satsimile	18°31'34" N	82°41'36" E	Dug Well
LAKSHMIPUR	Mandalguda Colony	19°8'53" N	83°12'50" E	Dug Well
LAKSHMIPUR	Toyaput	18°59'10" N	83°4'5" E	Dug Well
SIMILIGUDA	Subai	18°37'6" N	82°48'19" E	Dug Well
NANDAPUR	Chingudichuan	18°35'17" N	82°46'8" E	Dug Well

DISTRICT_NAME – MALKANGIRI				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
PODIA	Motu	17°49'50" N	81°23'55" E	Dug Well
PODIA	M.v.88	17°53'6" N	81°33'0" E	Dug Well
PODIA	M.v.79	17°59'6" N	81°35'42" E	Dug Well
KALI MELA	Raddaguda	18°4'9" N	81°38'32" E	Dug Well
KALI MELA	Kalimela	18°4'28" N	81°45'8" E	Bore Well
KALI MELA	Kalimela	18°4'28" N	81°45'8" E	Dug Well
KALI MELA	Kanyashram	18°5'34" N	81°41'9" E	Dug Well
KALI MELA	Bhejangawara	18°6'3" N	81°53'55" E	Dug Well
KORKUNDA	M.V	18°14'8" N	81°48'52" E	Dug Well
KUDUMULUGUM	Somnathpur	18°18'5" N	82°7'38" E	Dug Well
KUDUMULUGUM	Somnathpur	18°17'40" N	82°7'30" E	Dug Well
KORKUNDA	Korukonda	18°17'31" N	81°59'30" E	Dug Well
KORKUNDA	Korukonda	18°16'38" N	81°58'28" E	Dug Well
KORKUNDA	Balimela	18°15'8" N	82°6'15" E	Dug Well
PODIA	M.v.19	18°14'19" N	81°48'18" E	Dug Well
KUDUMULUGUM	Chitrakonda	18°6'30" N	82°6'55" E	Dug Well
KALI MELA	Venkatapalam	18°7'17" N	81°43'29" E	Dug Well
KHAIRPUT	Govindpali	18°34'51" N	82°17'7" E	Dug Well
KHAIRPUT	Govindpali	18°34'44" N	82°16'53" E	Dug Well
MATHILI	Maithili	18°33'36" N	82°13'21" E	Dug Well
MATHILI	Maithili	18°33'16" N	82°12'34" E	Dug Well

MATHILI	Pongam	18°31'7" N	82°8'8" E	Dug Well
KHAIRPUT	Khairput	18°29'2" N	82°14'14" E	Dug Well
KHAIRPUT	Khairput	18°28'47" N	82°14'1" E	Dug Well
MATHILI	Bejaguda	18°28'9" N	82°3'9" E	Dug Well
KUDUMULUGUM	Kudumuluguma	18°23'13" N	82°11'30" E	Dug Well
KUDUMULUGUM	Kodumulguma	18°22'33" N	82°11'19" E	Dug Well
KORKUNDA	Malkangiri	18°21'49" N	81°53'35" E	Dug Well
PODIA	M.v.58	18°8'30" N	81°36'36" E	Dug Well
KALI MELA	M.v.64	18°9'25" N	81°48'0" E	Dug Well
PODIA	Porhia	18°10'13" N	81°32'40" E	Dug Well
KALI MELA	Badili	18°11'58" N	81°47'20" E	Dug Well
KORKUNDA	M.V.7	18°17'31" N	81°51'9" E	Dug Well
KORKUNDA	M.V	19°18'16" N	82°43'13" E	Dug Well
MALKANGIRI	M.V.8	18°18'9" N	81°51'12" E	Dug Well
KORKUNDA	Chitapari	18°15'3" N	82°6'18" E	Dug Well
KUDUMULUGUM	Parkannala	18°21'24" N	82°9'23" E	Dug Well
MALKANGIRI	Sindhimal	18°24'25" N	81°56'24" E	Dug Well
MATHILI	Katameta	18°27'37" N	82°4'33" E	Dug Well
KHAIRPUT	Mundiguda	18°13'36" N	82°13'36" E	Dug Well
MALKANGIRI	Kumbharguda	18°27'28" N	82°3'25" E	Dug Well
MALKANGIRI	Malkangiri	18°22'23" N	81°54'16" E	Dug Well

DISTRICT_NAME – MAYURBHANJ				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
RASA-GOBINDAPUR	Devsol	21°47'42" N	87°1'42" E	Dug Well
RASA-GOBINDAPUR	Baienchidiha	21°49'46" N	86°58'38" E	Dug Well
RAIRANG PUR	Pandaguni	22°4'44" N	86°4'44" E	Dug Well
KOLIANA	Pathuri	22°7'20" N	86°37'41" E	Dug Well
JASHI PUR	Padampur	21°58'8" N	86°5'52" E	Dug Well
BISOI	Jaonirdiha	22°10'21" N	86°21'54" E	Dug Well
BISOI	Ambadiha	22°14'43" N	86°16'48" E	Dug Well
BANGIRIPOSI	Rajabasa	22°10'46" N	86°28'2" E	Dug Well
THAKUR MUNDA	Taramara	21°28'19" N	86°9'32" E	Dug Well
SUKRULI	Raruan	21°57'23" N	85°51'44" E	Dug Well
JASHI PUR	Sanjili	21°57'30" N	86°13'30" E	Dug Well
KARANJIA	Tongabila Chhak	21°54'16" N	86°2'29" E	Dug Well
BISOI	Manda	22°4'50" N	86°14'8" E	Dug Well
BANGIRIPOSI	Saraskona	22°14'30" N	86°35'32" E	Dug Well
BIJA TOLA	Bademtolia	22°14'7" N	86°13'43" E	Dug Well
BANGIRIPOSI	Jamsola	22°13'20" N	86°43'5" E	Dug Well
KUSUMI	Naujara	22°12'16" N	86°8'0" E	Dug Well
BISOI	Karanjei-Bijatola Chhak	22°12'12" N	86°18'33" E	Dug Well

BANGIRIPOSI	Jharpokhari	22°10'55" N	86°38'55" E	Dug Well
BISOI	Bisoi	22°9'45" N	86°24'25" E	Dug Well
KUSUMI	Kherna	22°8'20" N	86°5'43" E	Dug Well
BISOI	Bhatachhatra	22°7'6" N	86°18'36" E	Dug Well
BAHALDA	Poilakunda	22°24'53" N	86°7'50" E	Dug Well
BAHALDA	Bahalda	22°23'18" N	86°5'32" E	Dug Well
JAMDA	Moranda	22°21'45" N	86°2'5" E	Dug Well
BIJA TOLA	Gorumahisani	22°20'2" N	86°16'35" E	Dug Well
BAHALDA	Gambharia	22°19'53" N	86°8'30" E	Dug Well
RAIRANG PUR	Niranjan	22°18'15" N	86°12'40" E	Dug Well
JAMDA	Jamda	22°16'28" N	86°4'18" E	Dug Well
RAIRANG PUR	Champrai	22°16'10" N	86°8'7" E	Dug Well
RAIRANG PUR	Rairangpur	22°15'53" N	86°10'32" E	Dug Well
TIRINGI	Tiring	22°31'20" N	86°4'48" E	Dug Well
TIRINGI	Naranpur	22°29'12" N	86°4'51" E	Dug Well
BAHALDA	Bahalda Road(kona)	22°26'30" N	86°10'0" E	Dug Well
TIRINGI	Nischintapur	22°25'5" N	86°4'33" E	Dug Well
THAKUR MUNDA	Asanbani	21°39'12" N	86°5'56" E	Dug Well
THAKUR MUNDA	Nada	21°16'44" N	86°11'17" E	Dug Well
THAKUR MUNDA	Satkosia	21°21'28" N	86°8'52" E	Dug Well
THAKUR MUNDA	Champajhar	21°29'20" N	86°14'30" E	Dug Well
KAPTIPADA	Udala	21°32'45" N	86°32'6" E	Dug Well
KHUNTA	Brundabanchan	21°38'5" N	86°35'30" E	Dug Well
BAR SAHI	Manitri	21°38'56" N	86°48'45" E	Dug Well
KARANJIA	Kendumundi	21°41'13" N	86°6'22" E	Dug Well
RASA-GOBINDAPUR	Amarda village	21°47'30" N	87°7'52" E	Dug Well
KHUNTA	Dukura	21°47'30" N	86°39'42" E	Dug Well
BETA NATI	Dhanpur	21°46'33" N	86°50'50" E	Dug Well
KARANJIA	Sandeuli	21°46'22" N	85°55'54" E	Dug Well
BAR SAHI	Baidipur	21°46'13" N	86°41'52" E	Dug Well
KARANJIA	Karanjia	21°45'50" N	85°58'37" E	Dug Well
BETA NATI	Betanoti	21°44'8" N	86°51'10" E	Dug Well
BAR SAHI	Badasahi	21°43'35" N	86°44'30" E	Dug Well
GOPA BANDHU NAGAR	Khunta	21°42'43" N	86°37'34" E	Dug Well
RARUAN	Jhunkapal	21°58'21" N	85°53'27" E	Dug Well
SULIA PADA	Kostha	21°58'0" N	86°57'0" E	Dug Well
JASHI PUR	Joshiapur	21°57'50" N	86°4'15" E	Dug Well
BARIPADA	Baripada	21°56'15" N	86°43'45" E	Dug Well
JASHI PUR	Matigarh	21°56'12" N	86°6'3" E	Dug Well
SAMAKHUNTA	Pithabata	21°55'55" N	86°35'20" E	Dug Well
SAMAKHUNTA	Shamakunta	21°55'45" N	86°40'50" E	Dug Well
RARUAN	Khiching	21°55'38" N	85°50'8" E	Dug Well
KARANJIA	Dari	21°52'22" N	85°57'50" E	Dug Well
BANGIRIPOSI	Bedhakudar	22°12'38" N	86°33'22" E	Dug Well
BANGIRIPOSI	Chandanpur	22°10'29" N	86°33'56" E	Dug Well
SARAS KANA	Bangriposi	22°9'25" N	86°31'50" E	Dug Well
BISOI	Manda	22°4'49" N	86°13'49" E	Dug Well
KOLIANA	Kuliana	22°4'8" N	86°38'55" E	Dug Well

SULIA PADA	Sullyapada	22°1'18" N	86°57'13" E	Dug Well
JASHI PUR	Jamukeswar	22°1'9" N	86°4'55" E	Dug Well
JASHI PUR	Begna	22°0'0" N	86°8'37" E	Dug Well
KOLIANA	Kuchei	21°59'48" N	86°41'59" E	Dug Well
JASHI PUR	Mananda	21°59'12" N	86°1'6" E	Dug Well
RARUAN	Itighar	21°59'12" N	85°57'15" E	Dug Well
SARAS KANA	Chahala	21°59'6" N	86°17'42" E	Dug Well
SULIA PADA	Bagra	21°58'50" N	87°1'10" E	Dug Well
MURUDA	Nechuapada	21°51'55" N	86°52'10" E	Dug Well
SUKRULI	Indupur	21°51'44" N	85°48'46" E	Dug Well
MURUDA	Chitrada	21°51'15" N	86°57'10" E	Dug Well
KARANJIA	Tato	21°50'38" N	86°1'5" E	Dug Well
BAR SAHI	Belam	21°50'0" N	86°42'30" E	Dug Well
BETA NATI	Krishnachandrap	21°49'28" N	86°49'22" E	Dug Well
RASA-GOBINDAPUR	Rashgovindpur	21°49'20" N	87°1'30" E	Dug Well
KARANJIA	Chadheibhol	21°49'7" N	85°49'43" E	Dug Well
BETA NATI	Hatjori	21°39'30" N	86°54'30" E	Dug Well
GOPA BANDHU NAGAR	Similibandh	21°39'0" N	86°39'0" E	Dug Well
THAKUR MUNDA	Kendujani	21°38'6" N	86°6'30" E	Dug Well
KAPTIPADA	Poradiha	21°33'0" N	86°28'0" E	Dug Well
THAKUR MUNDA	Thakurmunda	21°31'6" N	86°9'30" E	Dug Well
THAKUR MUNDA	Mahuldia	21°25'40" N	86°9'57" E	Dug Well
KAPTIPADA	Sarat	21°26'0" N	86°19'30" E	Dug Well

DISTRICT_NAME – NABARANGAPUR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
NABARANGAPUR	Sonamasigan	19°12'40" N	82°27'7" E	Dug Well
NABARANGAPUR	Nowrangpur	19°14'9" N	82°32'56" E	Dug Well
NANDAHANDI	Sagarmunda	19°14'37" N	82°39'19" E	Dug Well
KOSAGUMUDA	Kosagumuda	19°16'35" N	82°14'54" E	Bore Well
KOSAGUMUDA	Kodinga	19°18'12" N	82°20'45" E	Dug Well
TENTULIKHUNTI	Tentulikunti	19°17'40" N	82°43'9" E	Dug Well
KOSAGUMUDA	Kosagumunda	19°16'35" N	82°14'34" E	Dug Well
NABARANGAPUR	Nowrangpur	19°14'25" N	82°32'50" E	Dug Well
TENTULIKHUNTI	Tentulikunti	19°18'16" N	82°43'16" E	Dug Well
UMARKOTE	Bhaskel-dam sit	19°41'58" N	82°7'47" E	Dug Well
UMARKOTE	Umarmot	19°39'50" N	82°12'25" E	Dug Well
UMARKOTE	Dondasora	19°39'35" N	82°4'10" E	Dug Well
PAPARAHANDI	Maidalpur	19°28'2" N	82°34'32" E	Dug Well
DABUGAN	Debugaon	19°27'10" N	82°24'30" E	Dug Well
PAPARAHANDI	Papadahandi	19°21'0" N	82°31'19" E	Dug Well
TENTULIKHUNTI	Anchalguma	19°19'25" N	82°40'42" E	Dug Well
PAPARAHANDI	Dengaguda	19°19'5" N	82°25'57" E	Dug Well

NANDAHANDI	Nandahandi	19°14'13" N	82°40'12" E	Dug Well
TENTULIKHUNTI	Digi	19°16'2" N	82°42'33" E	Dug Well
NANDAHANDI	Daibata	19°12'44" N	82°33'51" E	Dug Well
KOSAGUMUDA	Karchamal	19°13'28" N	82°21'39" E	Dug Well
NANDAHANDI	Kurlaghati	19°15'2" N	82°35'41" E	Dug Well
NANDAHANDI	Rangamatiguda	19°14'5" N	82°34'18" E	Dug Well
PAPARAHANDI	Papadahandi	19°29'20" N	82°31'44" E	Dug Well
NABARANGAPUR	Baksaguda	19°19'13" N	82°23'31" E	Dug Well
KOSAGUMUDA	Dadia-Majhiguda	19°18'6" N	82°18'8" E	Dug Well
JHARIGAN	Fupugaon	19°38'49" N	82°23'37" E	Dug Well
RAIGHAR	Kunde	20°2'22" N	81°55'33" E	Dug Well
UMARKOTE	Baheda	19°39'35" N	82°12'46" E	Dug Well
JHARIGAN	Jharigan	19°42'42" N	82°22'6" E	Dug Well
RAIGHAR	Jodenga	19°56'53" N	81°59'15" E	Dug Well

DISTRICT_NAME – NAYAGARH				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
RANAPUR	Ranpur	20°3'32" N	85°20'13" E	Dug Well
RANAPUR	Ranpur	20°4'8" N	85°21'15" E	Bore Well
RANAPUR	Koilama	20°6'55" N	85°20'24" E	Dug Well
ODAGAON	Gasisevipur	20°0'32" N	85°0'50" E	Dug Well
RANAPUR	Darpa-Narayanpur	20°4'36" N	85°14'6" E	Dug Well
ODAGAON	Gotisahi	20°4'3" N	85°5'25" E	Dug Well
DASAPALLA	Rangamatia	20°22'18" N	84°46'59" E	Dug Well
RANAPUR	Bherupada	20°3'55" N	85°17'44" E	Dug Well
GANIA	Ghholahandi	20°21'1" N	84°57'11" E	Dug Well
KHANDAPADA	Kumbharpara	20°21'38" N	85°1'36" E	Dug Well
ODAGAON	Odogeon	20°1'18" N	84°59'0" E	Bore Well
NAYAGARH	Nayagarh	20°8'0" N	85°7'0" E	Bore Well
BHAPUR	Bhapur	20°17'15" N	85°17'38" E	Dug Well
BHAPUR	Kandapara	20°15'54" N	85°10'30" E	Dug Well
NUAGAON	Nuagaon	20°15'10" N	84°58'22" E	Dug Well
NUAGAON	Nuagaon	20°15'8" N	84°58'22" E	Bore Well
NUAGAON	Sapada	20°12'9" N	84°58'47" E	Dug Well
NUAGAON	Mahipur	20°9'50" N	84°59'50" E	Dug Well
NAYAGARH	Hataduar	20°9'35" N	85°3'32" E	Dug Well
NAYAGARH	Purusottampur	20°9'18" N	85°11'25" E	Dug Well
NAYAGARH	Etamati	20°8'5" N	85°8'25" E	Dug Well
GANIA	Banigocha	20°23'43" N	84°35'22" E	Dug Well
GANIA	Kishore Prasad	20°23'35" N	85°4'31" E	Dug Well
GANIA	Kholisara	20°23'5" N	85°1'30" E	Dug Well
KHANDAPADA	Kana Singhi	20°22'48" N	85°6'33" E	Dug Well
KHANDAPADA	Jhada Gadia	20°22'24" N	85°1'45" E	Dug Well
KHANDAPADA	Gamasalia	20°22'4" N	85°8'20" E	Dug Well

GANIA	Arakata	20°21'40" N	84°58'51" E	Dug Well
DASAPALLA	Kuaria	20°21'34" N	84°48'27" E	Dug Well
BHAPUR	Kantilo	20°21'30" N	85°11'30" E	Dug Well
DASAPALLA	Andhar Kuttu	20°26'17" N	84°51'20" E	Dug Well
DASAPALLA	Durga Prasad	20°24'20" N	84°39'58" E	Dug Well
GANIA	Takara	20°24'16" N	84°45'34" E	Dug Well
GANIA	Gania	20°24'12" N	85°2'42" E	Dug Well
GANIA	Balisahi	20°23'58" N	85°2'42" E	Dug Well
DASAPALLA	Kuluru Kumpa	20°23'48" N	84°37'18" E	Dug Well
GANIA	Krishnapalli	20°21'23" N	84°58'11" E	Dug Well
KHANDAPADA	Dukhabali	20°21'5" N	84°59'30" E	Dug Well
DASAPALLA	Madhyakhand	20°20'29" N	84°55'36" E	Dug Well
DASAPALLA	Jogibandh	20°20'15" N	84°52'1" E	Dug Well
DASAPALLA	Daspalla-i	20°20'14" N	84°51'25" E	Dug Well
DASAPALLA	Daspalla Market	20°19'44" N	84°51'13" E	Dug Well
BHAPUR	Nuabausabati	20°19'39" N	85°15'34" E	Dug Well
DASAPALLA	Subalaya	20°19'2" N	84°54'25" E	Dug Well
NAYAGARH	Nayagarh	20°7'43" N	85°7'7" E	Dug Well
ODAGAON	Odagaon	20°1'18" N	84°59'0" E	Dug Well
ODAGAON	Sarankul	20°1'50" N	85°5'48" E	Dug Well
NAYAGARH	Sarak Sahi	20°6'17" N	85°5'1" E	Dug Well
NAYAGARH	Nayagarh	20°7'37" N	85°0'8" E	Dug Well
ODAGAON	Solopata	20°4'34" N	85°5'32" E	Dug Well
NAYAGARH	Kalyanpur	20°3'7" N	85°4'8" E	Dug Well

DISTRICT_NAME – NUAPADA				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
NUAPADA	Patparpali	20°50'44" N	82°32'34" E	Dug Well
NUAPADA	Kalyanpur	20°51'45" N	82°31'56" E	Dug Well
NUAPADA	Gotama	20°52'18" N	82°30'3" E	Dug Well
NUAPADA	Somarsingh	20°44'47" N	82°35'50" E	Dug Well
NUAPADA	Sirthol	20°47'25" N	82°32'14" E	Dug Well
NUAPADA	Sahipala	20°49'41" N	82°40'40" E	Dug Well
NUAPADA	Darlimunda	20°49'23" N	82°37'54" E	Dug Well
KHARIAR	Ranipur	20°16'43" N	82°46'33" E	Dug Well
KHARIAR	Khariar	20°17'40" N	82°45'37" E	Dug Well
KHARIAR	Junani	20°18'26" N	82°48'3" E	Dug Well
NUAPADA	Khariar Road	20°53'22" N	82°30'42" E	Bore Well
KHARIAR	Loharapalli	20°18'57" N	82°44'12" E	Dug Well
NUAPADA	Nawapara	20°47'52" N	82°32'10" E	Dug Well
KHARIAR	Khudpej	20°18'40" N	82°41'21" E	Dug Well
NUAPADA	Dharambandah	20°44'3" N	82°25'31" E	Dug Well
SINAPALI	Nilji	20°6'8" N	82°35'45" E	Dug Well
KOMANA	Deobahal	20°21'41" N	82°42'16" E	Dug Well

KOMANA	Komna	20°30'5" N	82°40'22" E	Dug Well
KOMANA	Tarbod	20°37'58" N	82°36'55" E	Dug Well
NUAPADA	Saipalla	20°49'27" N	82°40'3" E	Dug Well
NUAPADA	Godphula	20°49'13" N	82°33'57" E	Dug Well
NUAPADA	Nawapara	20°48'14" N	82°32'22" E	Bore Well
KOMANA	Lakhna	20°43'53" N	82°40'37" E	Bore Well
KOMANA	Kurumpuri	20°43'8" N	82°35'13" E	Dug Well
KOMANA	Burkhiakomna	20°35'5" N	82°40'25" E	Dug Well
KHARIAR	Sanmaheswar	20°22'25" N	82°42'3" E	Dug Well
KHARIAR	Bargaon-k	20°20'25" N	82°41'45" E	Dug Well
BODEN	Boden	20°14'50" N	82°34'5" E	Dug Well
KHARIAR	Padampur	20°17'49" N	82°46'34" E	Dug Well
KHARIAR	Tukla	20°15'40" N	82°50'20" E	Dug Well
KHARIAR	Lachhipur	20°16'8" N	82°47'33" E	Dug Well

DISTRICT_NAME – PURI				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
CHILIKA LAKE	Satpada	19°40'20" N	85°27'24" E	Dug Well
BRAHMAGIRI	Gopinathpur	19°44'22" N	85°34'23" E	Dug Well
BRAHMAGIRI	Brahmagiri	19°47'55" N	85°39'55" E	Dug Well
BRAHMAGIRI	Rebana nuagaon	19°47'59" N	85°42'11" E	Dug Well
SADAR	Puri Urban	19°48'15" N	85°49'21" E	Dug Well
SADAR	Puri Urban	19°48'28" N	85°49'51" E	Dug Well
BRAHMAGIRI	Girala	19°48'40" N	85°46'15" E	Dug Well
SADAR	Puri	19°48'40" N	85°49'33" E	Tube Well
SADAR	Totasahi	19°48'51" N	85°48'23" E	Dug Well
SADAR	Chandanpur	19°53'27" N	85°48'54" E	Dug Well
KAKAT PUR	Konark	19°53'11" N	86°5'48" E	Dug Well
SADAR	Tulasichoura- Malatipatapur	19°52'36" N	85°49'3" E	Dug Well
GOP	Balighai	19°51'28" N	85°56'33" E	Dug Well
SADAR	Batagaon	19°51'19" N	85°50'3" E	Dug Well
GOP	Ramchandi	19°51'15" N	86°3'40" E	Dug Well
GOP	Baleshwarpatna	19°50'40" N	85°54'41" E	Dug Well
SADAR	Baliguari	19°49'56" N	85°52'22" E	Dug Well
SADAR	Puri Urban	19°49'25" N	85°50'54" E	Dug Well
KAKAT PUR	Kakatpur li	19°59'58" N	86°11'40" E	Dug Well
PIPIL	Maunimatha	19°59'39" N	85°48'0" E	Dug Well
ASTARANGA	Juinti	19°59'8" N	86°14'22" E	Dug Well
GOP	Marad	19°58'20" N	86°4'45" E	Dug Well
SATYABADI	Sadanandapur	19°58'20" N	85°49'20" E	Dug Well
SATYABADI	Nuasamsarpur	19°57'15" N	85°46'45" E	Dug Well
SATYABADI	Algum	19°56'58" N	85°44'52" E	Dug Well
SATYABADI	Uansdiha	19°56'57" N	85°49'22" E	Dug Well

SATYABADI	Sakhigopal-i	19°56'52" N	85°48'34" E	Tube Well
SATYABADI	Sakhigopal	19°56'29" N	85°49'56" E	Dug Well
ASTARANGA	Tikarpara	19°56'24" N	86°10'57" E	Dug Well
GOP	Madrang	19°55'30" N	85°59'30" E	Dug Well
SATYABADI	Biragobind	19°55'13" N	85°49'5" E	Dug Well
SADAR	Moradpada	19°54'32" N	85°52'52" E	Dug Well
GOP	Mahapur	19°54'17" N	85°57'52" E	Dug Well
SADAR	Birapatappur	19°54'8" N	85°48'42" E	Dug Well
SADAR	Pratapramchandr	19°53'56" N	85°46'47" E	Dug Well
NIMAPADA	Charichhak	20°3'34" N	86°5'9" E	Dug Well
NIMAPADA	Chhanijanga	20°2'30" N	86°4'30" E	Dug Well
DELANGA	Delang	20°2'10" N	85°46'10" E	Tube Well
DELANGA	Delang	20°2'10" N	85°46'10" E	Dug Well
DELANGA	Beraboi	20°2'8" N	85°46'16" E	Dug Well
GOP	Bhanti	20°1'18" N	85°59'0" E	Dug Well
GOP	Tampalo	20°1'14" N	86°3'30" E	Tube Well
KAKAT PUR	Kakatpur	20°0'22" N	86°11'33" E	Dug Well
KAKAT PUR	Kakatpur	20°0'22" N	86°11'32" E	Tube Well
PIPIL	Burhapara	20°8'31" N	85°45'18" E	Dug Well
PIPIL	Dhauri	20°8'3" N	85°48'50" E	Dug Well
PIPIL	Bantalsingh	20°5'19" N	85°48'10" E	Dug Well
NIMAPADA	Bisimatri	20°4'12" N	86°4'18" E	Dug Well
NIMAPADA	Nimapara	20°3'40" N	86°1'44" E	Tube Well
BRAHMAGIRI	Alipata	19°48'45" N	85°45'44" E	Dug Well
SADAR	Puri	19°48'40" N	85°49'33" E	Tube Well
BRAHMAGIRI	Budhiabar	19°48'32" N	85°44'25" E	Dug Well
SADAR	Puri town	19°48'25" N	85°49'24" E	Dug Well
SADAR	Puri Urban	19°47'54" N	85°48'49" E	Dug Well
PIPIL	Dandamukundpur	20°4'51" N	85°49'56" E	Dug Well
PIPIL	Siula	20°9'37" N	85°50'54" E	Dug Well
BRAHMAGIRI	Gokhara	19°46'48" N	85°36'20" E	Dug Well
SADAR	Puri Urban	19°48'14" N	85°48'40" E	Dug Well
SADAR	Puri Urban	19°48'19" N	85°49'55" E	Dug Well
GOP	Gop	19°58'55" N	86°1'5" E	Dug Well
SATYABADI	Kadua	19°57'32" N	85°49'31" E	Dug Well
SADAR	Puri Urban	19°48'38" N	85°49'47" E	Dug Well
SADAR	Puri Urban	19°48'38" N	85°49'29" E	Dug Well
SADAR	Puri Urban	19°48'36" N	85°49'50" E	Dug Well
SADAR	Puri Urban	19°48'25" N	85°51'24" E	Dug Well
SADAR	Puri Urban	19°48'23" N	85°50'15" E	Dug Well
SADAR	Puri Urban	19°48'21" N	85°50'32" E	Dug Well
SADAR	Puri Urban	19°48'20" N	85°51'3" E	Dug Well
SADAR	Puri Urban	19°48'20" N	85°50'23" E	Dug Well
SADAR	Puri Urban	19°48'20" N	85°49'4" E	Dug Well
NIMAPADA	Garapada	20°5'30" N	85°55'11" E	Dug Well
SADAR	Puri Urban	19°50'1" N	85°50'10" E	Dug Well
SADAR	Puri Urban	19°49'27" N	85°51'15" E	Dug Well
SADAR	Puri Urban	19°49'23" N	85°52'15" E	Dug Well

SADAR	Puri Urban	19°49'18" N	85°50'45" E	Dug Well
SADAR	Puri Urban	19°49'9" N	85°50'49" E	Dug Well
SADAR	Puri Urban	19°49'5" N	85°49'50" E	Dug Well
SADAR	Puri Urban	19°49'4" N	85°51'13" E	Dug Well
SADAR	Puri Urban	19°49'2" N	85°50'22" E	Dug Well
PIPIL	Pipli	20°6'56" N	85°50'2" E	Dug Well
SADAR	Puri Urban	19°49'0" N	85°48'23" E	Dug Well
SADAR	Puri Urban	19°48'56" N	85°49'55" E	Dug Well
SADAR	Puri Urban	19°48'51" N	85°49'37" E	Dug Well
SADAR	Puri Urban	19°48'51" N	85°48'23" E	Dug Well
SADAR	Puri Urban	19°48'46" N	85°48'38" E	Dug Well
SADAR	Puri Urban	19°48'45" N	85°49'56" E	Dug Well
SADAR	Puri Urban	19°48'44" N	85°48'48" E	Dug Well
SADAR	Puri Urban	19°48'43" N	85°49'41" E	Dug Well
SADAR	Puri Urban	19°48'18" N	85°49'58" E	Dug Well
SADAR	Puri Urban	19°48'15" N	85°48'23" E	Dug Well
SADAR	Puri Urban	19°48'4" N	85°49'7" E	Dug Well
SADAR	Puri Urban	19°47'56" N	85°49'33" E	Dug Well
SADAR	Puri Urban	19°47'22" N	85°48'20" E	Dug Well
SADAR	Puri Urban	19°47'43" N	85°47'0" E	Dug Well
SADAR	Puri Urban	19°47'43" N	85°48'45" E	Dug Well
ASTARANGA	Astarang	19°58'50" N	86°16'30" E	Dug Well
PIPIL	Mangalpur	20°2'55" N	85°49'45" E	Dug Well
NIMAPADA	Nimapara	20°3'16" N	86°0'12" E	Dug Well
NIMAPADA	Balanga	20°2'12" N	85°53'10" E	Dug Well
SATYABADI	Kumareswar	20°0'5" N	85°50'25" E	Dug Well

DISTRICT_NAME – RAYAGADA				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
KASHIPUR	Gorakhpur	19°14'27" N	83°6'43" E	Dug Well
KASHIPUR	Kashipur	19°21'15" N	83°7'11" E	Dug Well
GUNUPUR	Gunupur	19°4'46" N	83°48'42" E	Dug Well
RAMANGUDA	Ramnaguda	19°12'45" N	83°40'3" E	Dug Well
RAMANGUDA	Gumda	19°13'12" N	83°46'18" E	Dug Well
PADMAPUR	Narainpur	19°21'40" N	83°58'0" E	Dug Well
MUNIGUDA	Ambadola	19°50'7" N	83°27'29" E	Dug Well
PADMAPUR	Akhusingi	19°16'25" N	83°51'31" E	Dug Well
PADMAPUR	Padampur	19°14'27" N	83°49'20" E	Dug Well
KOLNARA	Mukundpur	19°13'32" N	83°33'32" E	Dug Well
RAMANGUDA	Ramnaguda	19°13'21" N	83°40'34" E	Dug Well
GUNUPUR	Dambasara	19°10'9" N	83°50'29" E	Dug Well
KALYANASINGHPUR	Kalyansinghpur	19°31'18" N	83°19'20" E	Dug Well
KOLNARA	Therabali	19°19'40" N	83°26'28" E	Dug Well
PADMAPUR	Kenduguda	19°18'27" N	83°54'2" E	Dug Well

RAYAGADA	Shirikona	19°10'32" N	83°22'41" E	Dug Well
RAYAGADA	Gumma	19°11'40" N	83°17'18" E	Dug Well
KASHIPUR	Kaliapada	19°10'49" N	83°8'10" E	Dug Well
RAMANGUDA	Kodapadu	19°11'36" N	83°20'43" E	Dug Well
RAMANGUDA	Tandikana	19°16'12" N	83°38'17" E	Dug Well
RAMANGUDA	Bangi Chowk	19°12'21" N	83°42'32" E	Dug Well
GUDARI	Gudari	19°18'50" N	83°56'10" E	Dug Well
PADMAPUR	Nua Dakasikula	19°12'26" N	83°50'18" E	Dug Well

DISTRICT_NAME – SAMBALPUR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
DHANKAUDA	Baijamunda	21°26'33" N	83°54'53" E	Dug Well
DHANKAUDA	Dhanakauda	21°28'10" N	84°0'6" E	Dug Well
DHANKAUDA	Gunchamal	21°35'37" N	84°1'25" E	Dug Well
MANESWAR	Gainpura	21°14'19" N	83°56'20" E	Dug Well
MANESWAR	Chhachanpali	21°19'31" N	83°57'17" E	Dug Well
MANESWAR	Khunti	21°21'24" N	83°58'13" E	Dug Well
MANESWAR	Maltisubanpur	21°24'22" N	83°59'45" E	Dug Well
JAMANKIRA	Badarama	21°29'24" N	84°16'36" E	Dug Well
JAMANKIRA	Katar Kela	21°26'14" N	84°1'59" E	Dug Well
DHANKAUDA	Christianpara	21°31'30" N	83°54'15" E	Dug Well
JAMANKIRA	Mahaling Kudor	21°36'57" N	84°21'22" E	Dug Well
JAMANKIRA	Kansabahal Sahi	21°36'23" N	84°28'17" E	Dug Well
DHANKAUDA	Pitapali	21°35'41" N	84°0'3" E	Dug Well
JAMANKIRA	Phasimal	21°35'40" N	84°17'15" E	Dug Well
DHANKAUDA	Jamadarpali	21°33'5" N	83°58'38" E	Dug Well
DHANKAUDA	Sason	21°32'54" N	84°2'30" E	Dug Well
DHANKAUDA	Hirakud	21°31'50" N	83°53'50" E	Dug Well
DHANKAUDA	Golgunda	21°31'43" N	83°58'55" E	Dug Well
DHANKAUDA	Jugipali	21°31'38" N	83°58'58" E	Dug Well
BAMRA	Bamra	22°3'2" N	84°17'25" E	Dug Well
BAMRA	Kesaibahal	21°54'50" N	84°23'15" E	Dug Well
KOCHINDA	Nagodihi Chawk	21°50'54" N	84°22'20" E	Dug Well
KOCHINDA	Kusumi	21°45'53" N	84°31'39" E	Dug Well
KOCHINDA	Kuchinda	21°44'33" N	84°20'54" E	Dug Well
JAMANKIRA	Bhojpur	21°39'5" N	84°24'25" E	Dug Well
DHANKAUDA	Rengali	21°37'55" N	84°2'58" E	Dug Well
RAIRAKHOL	Rairakhhol	21°4'0" N	84°20'0" E	Bore Well
RAIRAKHOL	Rairakhhol(rampu	21°4'0" N	84°20'0" E	Dug Well
RAIRAKHOL	Luhapank	21°4'12" N	84°24'15" E	Dug Well
RAIRAKHOL	Bhaluchuan	21°4'48" N	84°22'0" E	Dug Well
RAIRAKHOL	Mochibahal	21°10'15" N	84°9'50" E	Dug Well
JUJOMURA	Koakud	21°11'48" N	84°9'59" E	Dug Well
JUJOMURA	Jujhumura	21°14'22" N	84°8'15" E	Dug Well

MANESWAR	Dhama	21°15'10" N	83°55'40" E	Dug Well
JUJOMURA	Mundher	21°21'31" N	84°5'12" E	Dug Well
MANESWAR	Chiplima	21°20'38" N	83°53'11" E	Dug Well
MANESWAR	Sahaspur	21°20'25" N	83°57'51" E	Dug Well
JUJOMURA	Amlipani	21°19'48" N	84°18'41" E	Dug Well
JUJOMURA	Hathibari	21°18'54" N	84°6'23" E	Dug Well
MANESWAR	Baragaon	21°18'39" N	83°56'50" E	Dug Well
JUJOMURA	Gargabahal	21°17'5" N	84°7'52" E	Dug Well
NAKTIDEUL	Chandrapura	21°16'30" N	84°33'47" E	Dug Well
DHANKAUDA	Goudpalli	21°16'27" N	83°56'3" E	Dug Well
KOCHINDA	Paruabhari	21°48'5" N	84°21'22" E	Dug Well
KOCHINDA	Telitimamal	21°46'47" N	84°18'17" E	Dug Well
KOCHINDA	Loiraguna	21°45'8" N	84°26'37" E	Dug Well
KOCHINDA	Boxma	21°42'49" N	84°22'46" E	Dug Well
JAMANKIRA	Subarna Pali	21°42'49" N	84°22'46" E	Dug Well
JAMANKIRA	Jamankira	21°32'11" N	84°24'4" E	Dug Well
JUJOMURA	Nildungri	21°27'30" N	84°6'40" E	Dug Well
MANESWAR	Donaipalli	21°27'27" N	84°1'55" E	Dug Well
JUJOMURA	Gorupali	21°27'0" N	84°10'15" E	Dug Well
JUJOMURA	Padiabahal	21°27'0" N	84°8'57" E	Dug Well
JUJOMURA	Malgun	21°26'51" N	84°10'57" E	Dug Well
JUJOMURA	Jayantpur	21°26'40" N	84°4'15" E	Dug Well
MANESWAR	Dhanupalli	21°26'39" N	83°59'27" E	Dug Well
MANESWAR	Talpali	21°25'52" N	84°3'39" E	Dug Well
MANESWAR	Bhoipali	21°25'43" N	84°4'12" E	Dug Well
MANESWAR	Parmanpur	21°31'24" N	84°6'2" E	Dug Well
DHANKAUDA	Bohidar	21°30'15" N	84°0'15" E	Dug Well
MANESWAR	Remerha	21°30'8" N	83°56'35" E	Dug Well
MANESWAR	Dhankauda	21°28'20" N	83°58'40" E	Bore Well
JAMANKIRA	Kadalipali	21°27'52" N	84°13'50" E	Dug Well
MANESWAR	Gosala	21°25'33" N	83°53'58" E	Dug Well
JUJOMURA	Maneswar	21°24'50" N	84°2'0" E	Dug Well
MANESWAR	Gunderpur	21°24'25" N	83°59'22" E	Dug Well
JUJOMURA	Badsahir	21°23'54" N	84°7'56" E	Dug Well
MANESWAR	Rupapali	21°22'50" N	83°53'15" E	Dug Well
JUJOMURA	Bhabanipali	21°22'36" N	84°4'10" E	Dug Well
NAKTIDEUL	Simlipal Chawk	21°22'21" N	84°21'57" E	Dug Well
MANESWAR	Batemura	21°22'2" N	83°59'0" E	Dug Well
MANESWAR	Deogaon	21°13'6" N	83°54'59" E	Dug Well
NAKTIDEUL	Majhipal	21°12'47" N	84°29'5" E	Dug Well
MANESWAR	Larasara	21°10'55" N	83°54'45" E	Dug Well
RAIRAKHOL	Charmal	21°6'15" N	84°12'40" E	Dug Well
NAKTIDEUL	Terebera	21°6'53" N	84°23'19" E	Dug Well
NAKTIDEUL	Daincha	21°10'7" N	84°25'56" E	Dug Well
NAKTIDEUL	Naktideol	21°15'20" N	84°32'26" E	Dug Well

DISTRICT_NAME – SONAPUR				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
DUNGURIPALI	Baghahandi	21°3'29" N	83°38'10" E	Dug Well
TARBHA	Baghia	20°37'22" N	83°40'23" E	Dug Well
SONEPUR	Khari	20°46'59" N	83°42'54" E	Dug Well
SONEPUR	Khaliapali	20°53'49" N	83°45'27" E	Dug Well
BINIKA	Bishalpahi	21°4'9" N	83°47'5" E	Dug Well
SONEPUR	Baladi	20°48'23" N	83°41'17" E	Dug Well
BINIKA	Koiramunda	20°57'59" N	83°45'0" E	Dug Well
ULUNDA	Ulunda	20°58'23" N	83°53'38" E	Dug Well
BINIKA	Antarda	21°2'53" N	83°46'51" E	Dug Well
TARBHA	Palsapadar	20°39'8" N	83°39'3" E	Dug Well
TARBHA	Sargaj	20°42'25" N	83°40'19" E	Dug Well
SONEPUR	Bagduli	20°49'0" N	83°45'48" E	Dug Well
ULUNDA	Sonepur	20°51'8" N	83°54'15" E	Dug Well
BINIKA	Mahadevpali	20°55'38" N	83°47'42" E	Dug Well
DUNGURIPALI	Gajabandhu	21°0'55" N	83°39'32" E	Dug Well
DUNGURIPALI	Karlajuri	21°0'42" N	83°27'55" E	Dug Well
ULUNDA	Phulmuthi	20°59'42" N	83°47'32" E	Dug Well
DUNGURIPALI	Charuapali	20°59'42" N	83°33'0" E	Dug Well
BINIKA	Sankara	20°59'37" N	83°46'18" E	Dug Well
ULUNDA	Jhamchhapar	20°58'20" N	83°48'2" E	Dug Well
SONEPUR	Borumunda	20°56'33" N	83°46'12" E	Dug Well
BINIKA	Sansamura	20°55'55" N	83°47'12" E	Dug Well
BIRAMAHARAJPUR	Biramaharajpur	20°55'37" N	84°3'32" E	Dug Well
ULUNDA	S Patrapali	21°8'9" N	83°52'41" E	Dug Well
DUNGURIPALI	Sarasmal	21°7'0" N	83°39'58" E	Dug Well
BINIKA	Bagdiha	21°6'55" N	83°44'3" E	Dug Well
BINIKA	Sarangapali	21°6'40" N	83°47'2" E	Dug Well
BINIKA	Rampur	21°6'2" N	83°41'26" E	Dug Well
BINIKA	Ankhidadar	21°5'40" N	83°48'58" E	Dug Well
ULUNDA	Sindol	21°5'5" N	83°51'25" E	Dug Well
BINIKA	Singhijuba	21°5'0" N	83°44'22" E	Dug Well
DUNGURIPALI	Chandajhuri	21°4'48" N	83°33'40" E	Dug Well
DUNGURIPALI	Barkarle	21°4'15" N	83°40'0" E	Dug Well
DUNGURIPALI	Samalaichuan	21°3'40" N	83°35'53" E	Dug Well
DUNGURIPALI	Dungripalli	21°2'50" N	83°32'48" E	Dug Well
DUNGURIPALI	Gambharipalli	21°2'49" N	83°32'5" E	Dug Well
ULUNDA	Danipani	21°2'48" N	83°48'0" E	Dug Well
DUNGURIPALI	Ichhapur	21°2'15" N	83°27'53" E	Dug Well
ULUNDA	Binika	21°1'46" N	83°48'45" E	Dug Well
DUNGURIPALI	Bhimtikra	21°1'0" N	83°42'3" E	Dug Well
SONEPUR	Arjunpur	20°51'16" N	83°49'22" E	Dug Well
ULUNDA	Mahada	20°51'39" N	83°57'51" E	Dug Well
ULUNDA	Metakani	20°51'39" N	83°57'51" E	Dug Well
SONEPUR	Dhurakhman	20°53'17" N	83°48'59" E	Dug Well

BIRAMAHARAJPUR	Subalaya	20°53'38" N	84°10'5" E	Dug Well
BINIKA	Sakama	20°55'29" N	83°46'41" E	Dug Well
BINIKA	Bausuni	20°57'13" N	83°46'15" E	Dug Well

DISTRICT_NAME- SUNDARGARH				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
LEPHRIPARA	Surguda	22°6'5" N	83°50'52" E	Dug Well
TANGARAPALI	Mahulapali	22°6'15" N	83°58'20" E	Dug Well
GURUNDIA	Jarada	21°47'6" N	84°34'54" E	Dug Well
HEMGIR	Himgiri	21°56'40" N	83°42'5" E	Dug Well
SUNDARGARH	Bhasma	21°57'27" N	84°2'15" E	Dug Well
SUNDARGARH	Jagimal	21°59'22" N	83°58'35" E	Dug Well
HEMGIR	Taparia	22°2'20" N	83°33'30" E	Dug Well
HEMGIR	Gopalpur	22°3'0" N	83°42'30" E	Dug Well
SUNDARGARH	Ledhimang	22°3'29" N	84°11'28" E	Dug Well
SUBDEGA	Alikera	22°11'35" N	84°1'5" E	Dug Well
BARAGAON	Bargaon	22°10'22" N	84°18'20" E	Dug Well
BARAGAON	Deokaranpur	22°9'12" N	84°14'16" E	Dug Well
SUNDARGARH	Karamdihi	22°9'10" N	84°6'14" E	Dug Well
BARAGAON	Panderpali	22°9'6" N	84°13'57" E	Dug Well
TANGARAPALI	Katra	22°8'3" N	83°55'53" E	Dug Well
SUBDEGA	Sundargarh	22°7'13" N	84°2'18" E	Dug Well
LEPHRIPARA	Lefripada	22°6'58" N	83°49'10" E	Dug Well
TANGARAPALI	Rangiamunda	22°6'15" N	83°57'30" E	Dug Well
BALISANKARA	Talsara	22°21'42" N	84°6'2" E	Dug Well
BARAGAON	Ekma	22°17'19" N	84°18'29" E	Dug Well
SUBDEGA	Sabdega	22°17'10" N	84°5'40" E	Dug Well
BALISANKARA	Kinjrikela	22°16'40" N	83°56'50" E	Dug Well
BARAGAON	Sahajbahal	22°12'25" N	84°24'52" E	Dug Well
SUBDEGA	Panchomahala	22°12'25" N	84°6'43" E	Dug Well
TANGARAPALI	Ujalpur	22°4'57" N	83°55'7" E	Dug Well
LEPHRIPARA	Sargipali	22°3'14" N	83°54'47" E	Dug Well
SUNDARGARH	Bhedabahal	22°2'45" N	84°2'10" E	Dug Well
SUNDARGARH	Rabandihi	22°0'36" N	84°14'13" E	Dug Well
SUNDARGARH	Deolipali	21°59'11" N	84°1'32" E	Dug Well
BISRA	Rourkela Urban	22°11'15" N	84°51'18" E	Dug Well
BISRA	Rourkela Urban	22°14'16" N	84°46'37" E	Dug Well
BISRA	Rourkela Urban	22°14'15" N	84°50'18" E	Dug Well
BISRA	Rourkela Urban	22°14'11" N	84°49'52" E	Dug Well
BISRA	Rourkela Urban	22°14'10" N	84°47'42" E	Dug Well
BISRA	Rourkela Urban	22°14'9" N	84°49'21" E	Dug Well
BISRA	Rourkela Urban	22°14'7" N	84°48'18" E	Dug Well
BISRA	Rourkela Urban	22°13'59" N	84°50'12" E	Dug Well

BISRA	Rourkela Urban	22°13'55" N	84°54'27" E	Dug Well
BISRA	Rourkela Urban	22°13'47" N	84°50'42" E	Dug Well
BISRA	Rourkela Urban	22°16'8" N	84°54'26" E	Dug Well
BISRA	Rourkela Urban	22°15'58" N	84°53'26" E	Dug Well
BISRA	Rourkela Urban	22°15'57" N	84°52'2" E	Dug Well
BISRA	Rourkela Urban	22°15'56" N	84°53'27" E	Dug Well
BISRA	Rourkela Urban	22°15'45" N	84°51'12" E	Dug Well
BISRA	Rourkela Urban	22°15'37" N	84°50'53" E	Dug Well
BISRA	Rourkela Urban	22°15'37" N	84°50'22" E	Dug Well
BISRA	Rourkela Urban	22°15'33" N	84°51'8" E	Dug Well
BISRA	Rourkela Urban	22°15'30" N	84°48'18" E	Dug Well
BISRA	Rourkela Urban	22°16'33" N	84°54'19" E	Dug Well
BISRA	Rourkela Urban	22°16'32" N	84°51'23" E	Dug Well
BISRA	Rourkela Urban	22°16'32" N	84°51'23" E	Dug Well
BISRA	Rourkela Urban	22°16'12" N	84°50'31" E	Dug Well
BISRA	Rourkela Urban	22°15'28" N	84°50'10" E	Dug Well
BISRA	Rourkela Urban	22°15'26" N	84°53'6" E	Dug Well
BISRA	Rourkela Urban	22°15'22" N	84°53'35" E	Dug Well
BISRA	Rourkela Urban	22°15'21" N	84°53'41" E	Dug Well
BISRA	Rourkela Urban	22°15'20" N	84°48'34" E	Dug Well
BISRA	Rourkela Urban	22°15'19" N	84°52'0" E	Dug Well
BISRA	Rourkela Urban	22°14'36" N	84°52'57" E	Dug Well
BISRA	Rourkela Urban	22°14'19" N	84°56'14" E	Dug Well
BISRA	Rourkela Urban	22°13'12" N	84°48'54" E	Dug Well
BISRA	Rourkela Urban	22°13'33" N	84°50'32" E	Dug Well
BISRA	Rourkela Urban	22°13'34" N	84°51'39" E	Dug Well
KUTRA	Kutra	22°13'47" N	84°27'24" E	Dug Well
BISRA	Rourkela Urban	22°13'43" N	84°49'16" E	Dug Well
BISRA	Rourkela Urban	22°11'35" N	84°51'45" E	Dug Well
GURUNDIA	Kundeidiha	21°47'48" N	84°41'50" E	Dug Well
SUNDARGARH	Barogar	22°2'30" N	84°3'47" E	Dug Well
NUAGAON	Birmitrapur	22°24'37" N	84°43'52" E	Dug Well
NUAGAON	Hathibari	22°24'0" N	84°51'0" E	Dug Well
KUTRA	Laxmipos	22°18'10" N	84°31'10" E	Dug Well
KUANRMUNDA	Kuarmunda	22°17'0" N	84°46'15" E	Dug Well
RAJAGANGAPUR	Bihabandh Chawk	22°16'36" N	84°31'27" E	Dug Well
BALISANKARA	Putudihi	22°15'44" N	84°4'30" E	Dug Well
SUNDARGARH	Moshani Kani	22°15'34" N	83°59'44" E	Dug Well
BISRA	Vedavyas chak	22°13'45" N	84°47'10" E	Dug Well
BISRA	Uditnagar(rkl)	22°13'35" N	84°50'16" E	Dug Well
RAJAGANGAPUR	Jharbera	22°13'2" N	84°31'5" E	Dug Well
KUTRA	Birangatoli	22°12'39" N	84°24'4" E	Dug Well
RAJAGANGAPUR	Rajgangpur	22°11'25" N	84°34'45" E	Dug Well
TANGARAPALI	Balijori	22°7'48" N	83°53'13" E	Dug Well
LATHIKATA	Lathikata	22°7'46" N	84°52'56" E	Dug Well
SUNDARGARH	Sundargar Bypass Chawk	22°7'34" N	83°55'4" E	Dug Well
LATHIKATA	Banki	22°5'40" N	84°53'23" E	Dug Well

LEPHRIPARA	Lokedega	22°5'4" N	83°50'26" E	Dug Well
BISRA	Bisra	22°15'5" N	84°59'47" E	Dug Well
BISRA	Bondamunda	22°14'22" N	84°57'35" E	Dug Well
RAJAGANGAPUR	Laing	22°14'15" N	84°39'10" E	Dug Well
LATHIKATA	Chandiposh	22°1'30" N	84°55'10" E	Dug Well
KOIDA	K.balang	21°59'48" N	85°1'24" E	Dug Well
KOIDA	Jamdihi	21°59'20" N	85°7'2" E	Dug Well
LAHUNIPARA	Bonaigarh	21°49'5" N	84°57'30" E	Dug Well
LAHUNIPARA	Lahunipara	21°52'54" N	84°56'30" E	Dug Well
KOIDA	Koira	21°54'23" N	85°15'15" E	Dug Well
LAHUNIPARA	Darjin	21°56'6" N	84°53'18" E	Dug Well
BISRA	Rourkela Urban	22°15'10" N	84°52'23" E	Dug Well
BISRA	Rourkela Urban	22°15'22" N	84°51'37" E	Dug Well

ANNEXURE - II

Hydrogeological Details of Piezometers Constructed in Hard Rocks Areas of Orissa under Hydrology Project

District: ANGUL

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Angul	Angul	85° 05' 58"	17/7/98	39	28	0.75	125/115	Granite-Gneiss	4.4	37-38	2
	Irrigation Rest – shed Comp.		20° 50' 20"									
2	Kishore Nagar	K. Nagar	84° 28' 24"	19/7/98	33	18.5	0.5	do	Khondalite	4.9	30-31	0.3
	Block office Compound		20° 57' 30"									
3	Banarpal	Banarpal	85° 12' 58"	22/7/98	30	14.9	0.6	do	Granite-Gneiss	3.85	27-28	1.3
	Block Office Compound		20° 50' 30"									
4	Athmallik	Athmallik	84° 31' 55"	20/7/98	33	21.6	0.4	do	Granite-Gneiss	4.3	32-33	0.2
	Block Colony Compound		20° 43' 18"									
5	Kaniha	Kaniha	85° 04' 15"	28/8/98	36	11.7	0.6	do	Shale	3.25	12.5-13	0.5
	Block Office Compound		20° 06' 00"									
6	Pallalahara	Pallalahara	85° 11' 33"	30/8/98	36	9.2	0.6	do	G. Gneiss & Qtzite	6.62	9-10, 29-29.5	2
	M.I. Section Office Comp.		21° 25' 45"									
7	Durgapur	Chhendipada	84° 52' 55"	09/01/1998	30	8.7	0.6	do	Granite-Gneiss	2.81	12.5, 27	1.5
	Gram Panchayat Office		20° 52' 35"									

District: BARGARH

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Attabira	Attabira	83° 47' 00"	22/02/99	29.90	10.10	0.6	125/115	Granite-Gneiss	6.11	29	0.2
	Police Station Compound		21° 22' 15"									
2	Godbhaga	Attabira	83° 49' 00"	19/3/99	34	19.2	0.6	do	Granite-Gneiss	1.3	33-34	0.8
	Canal Sub-division Office		21° 21' 15"									
3	Bargarh	Bargarh	83° 37' 20"	23/2/99	38.35	14.6	0.6	do	Granite-Gneiss	7.31	27	0.2
	Police Station Compound		21° 20' 10"									
4	Ambabhona	Ambabhona	83° 01' 15"	24/2/99	43.3	40.6	0.6	do	Calc-Shale	5.65	42	0.4
	Police Station Compound		21° 56' 25"									
5	Padampur	Padampur	83° 04' 02"	24/2/99	33.35	12	0.6	do	Granite-Gneiss	3.15	32	0.2
	Police Station Compound		20° 59' 48"									
6	Paikmal	Paikmal	82° 40' 35"	25/2/99	27.5	11.4	0.6	do	Granite-Gneiss	6.2	26	0.4
	Police Station Compound		20° 55' 20"									
7	Bijepur	Bijepur	84° 27' 49"	13/5/99	33.55	21.6	0.6	do	Quartzite	6.64	27, 33	0.41

District: BOLANGIR

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Patnagarh	Patnagarh	83° 08' 05"	26/02/99	32.65	13.1	0.6	125/115	Granite-Gneiss	3.35	31-65	0.8
	Block Office Compound		20° 12' 15"									
2	Kantabhangi	Tureikela	82° 55' 40"	26/02/99	31.65	24.4	0.6	do	Granite-Gneiss	7	30-31.85	0.8
	Police Station Colony		20° 28' 45"									
3	Titlagarh	Titlagarh	83° 09' 23"	27/02/99	20	11.1	0.6	do	Granite-Gneiss	6.75	27-28.5	0.8
	Irrigation Colony Compound		20° 17' 18"									
4	Bolangir - I	Bolangir	83° 28' 58"	14/3/99	30.5	13.4	0.6	do	Granite-Gneiss	5	29-30	0.1
	Block Office Compound		20° 41' 55"									

District: BOUDH

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Date of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	PurnaKatak	Charichakk	84° 25' 38"	16/5/99	33.55	17.2	0.6	125/115	Granite-Gneiss	5.13	18.6	0.41
	High School Compound		20° 37' 32"									

District: CUTTACK

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Badamba	Badamba	85° 20' 35"	27/05/98	39	9.5	0.5	125/115	Granite-Gneiss	9.1	37-38	0.3
	Irrigation Section-office Comp.		20° 22' 30"									
2	Athagarh	Athagarh	85° 38' 12"	28/7/98	39	33	0.8	do	Granite-Gneiss	5.1	36-37	0.3
	Irrigation S.D.O. Comp.		20° 31' 06"									
3	Tigiria / Panchogaon	Tigiria	85° 31' 15"	28/7/98	30	16.1	0.6	do	Granite-Gneiss	1.5	27-28	1.5
	Block Office Compound		20° 27' 54"									
4	Narasinghpur	Narasinghpur	85° 04' 45"	29/7/98	30	8.9	0.6	do	Granite-Gneiss	3.2	27-28	3
	Block Colony Compound		20° 27' 25"									

District: DEOGARH

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Date of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Reamal	Reamal	84° 34' 27"	23/4/99	30.5	14.29	0.5	125/115	Granite-Gneiss	3.32	16.5	1
	High School Compound		21° 21' 30"									
2	Barkot	Barkot	84° 59' 54"	25/4/99	33.55	19	0.6	do	Granite-Gneiss	6.5	26	0.25
			21° 32' 30"									

District: DHENKANAL

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Dhenkanal	Dhenkanal	85° 36' 10"	14/7/98	33	20.85	0.65	125/115	Khodalite	1.8	30-31	1.5
	Block Office Compound		20° 38' 20"									
2	Gondia	Gondia	85° 48' 06"	15/7/98	36	17.35	0.65	do	Granite-Gneiss	5.55	33-34	0.2
	Block Office Compound		20° 45' 50"									
3	Hindol	Hindol	85° 11' 48"	16/7/98	33	19.35	0.8	do	Khodalite	3.8	32-33	0.2
	Block Office Compound		20° 30' 28"									
4	Parjang	Parjang	85° 01' 50"	27/8/98	36	21.4	0.6	do	Granite-Gneiss	4.9	22-22.5, 34-34.5	1.5
	Block Colony Compound		20° 52' 45"									

District: GAJAPATI

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Chandragiri	Mohana	84° 17' 17"	08/06/1999	33	19.4	0.6	125/115	Granite-Gneiss	5.7	32-33	0.3
	R.I Office Compound		19° 18' 42"									
2	Badapada	Nuagarh	84° 05' 34"	08/08/1999	42	32.1	0.6	do	Granite-Gneiss	4.1	41-42	0.5
	High School Compound		19° 03' 55"									

District: GANJAM

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Polasara	Polasara	84° 49' 10"	16/6/98	48	8.85	0.7	125/115	Granite-Gneiss	9.8	45-46	0.2
	Block Office Compound		19° 41' 30"									
2	Chartrapur	Chartrapur	84° 58' 44"	23/6/98	39	29	0.3	do	Khondalite	9.72	36-37	1.5
	Circuit House Compound		19° 21' 18"									
3	Belaguntha	Belaguntha	84° 38' 22"	06/12/1998	42	10.7	0.75	do	Granite	3.1	15-16, 39-40	0.8
	Block Office Compound		29° 52' 54"									
4	Sheragada	Sheragada	84° 36' 30"	18/6/98	33	11.3	0.6	do	Charnockite	6.77	21-22, 31-32	0.7
	Block Colony Compound		19° 30' 54"									
5	Jagannath Prasad	Jagannath Prasad	84° 46' 40"	06/11/1998	42	11.3	0.6	do	Granite-Gneiss	5.4	39-42	2
	Block Office Compound		19° 58' 15"									
6	Digapahandi	Digapahandi	84° 34' 55"	19/6/98	45	11.5	0.5	do	Granite-Gneiss	15.85	42-43	0.1
	Irrigation Subdivision Office		19° 22' 12"									
7	Manikyapur	Dharakole	84° 30' 10"	19/6/98	33	15	0.8	do	Granite	4.25	30-31	1.8
	New PHC Compound		19° 23' 55"									
8	Beguniapada	Beguniapada	85° 00' 30"	17/6/98	42	21.4	0.5	do	Granite-Gneiss	7.92	39-40	0.2
	Block Office Compound		19° 29' 15"									
9	K.S. Nagar	K.S. Nagar	84° 45' 12"	15/6/98	42	17.4	0.6	do	Granite-Gneiss	5.65	21-22, 40-41	0.6
	Block Colony		19° 35' 18"									
10	Buguda	Buguda	84° 47' 25"	14/6/98	33	17.5	0.5	do	Granite-Gneiss	3.8	19-20	1.7
	Irrigation Sub-division Office		19° 48' 35"									

District: GANJAM Contd.

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
11	Galleri	Galleri	84° 34' 30"	13/6/98	42	25.8	0.5	do	Granite-Gneiss	5.7	30-31, 41-42	0.6
	PHC Compound		20° 05' 33"									
12	Berhampur	Berhampur	84° 47' 30"	22/6/98	30	4.9	0.6	do	Granite-Gneiss	4.1	29-30	0.2
	Circuit House Compound		19° 22' 00"									
13	Hinjilicut	Hinjilicut	84° 44' 30"	21/6/98	30	14.75	0.65	do	Granite-Gneiss	7.65	28-29	1
	Block Office Compound		19° 29' 20"									
14	Patrapur	Patrapur	84° 35' 27"	20/6/98	27	11.4	0.6	do	Granite-Gneiss	10.9	24-25	0.2
	Block Office Compound		19° 26' 42"									

District: JHARSUGUDA

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Date of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Jharsuguda	Jharsuguda	84° 01' 00"	20/3/99	34	32	0.6	125/115	Granite-Gneiss	9.1	33-34	0.2
	Block Office Compound		21° 51' 18"									

District: KORAPUT

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Jeypore	Jeypore	82° 34' 53"	20/7/99	39	22.95	0.6	125/115	Granite-Gneiss	7	38-39	0.5
	Block Colony		18° 51' 40"									
2	Laxmipur	Laxmipur	83° 06' 58"	24/7/99	49	24.8	0.6	do	Granite-Gneiss	13.8	48-49	0.1
	Block Colony		18° 59' 31"									

District: MALKANGIRI

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Maithili	Maithli	82° 12' 34"	15/7/98	48	13.4	0.6	125/115	Granite-Gneiss	10.5	48-49	0.1
	Block Colony		18° 33' 16"									
2	Pandripani	Malkangiri	82° 07' 20"	16/7/98	48	31.75	0.6	do	Granite-Gneiss	10.37	47-48	0.1
	R.I Office Compound		18° 26' 29"									
3	Kalimela	Kalimela	81° 45' 08"	17/7/98	42	11.8	0.6	do	Granite-Gneiss	3.69	41-42	1
	Block Office Compound		18° 04' 28"									
4	Balimela	Korukonda	82° 06' 43"	18/7/99	42	19.3	0.6	do	Granite-Gneiss	3.8	41-42	0.3
	R.I Colony Compound		18° 15' 32"									

District: MAYURBHANJ

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Karanjia	Karanjia	85° 58' 37"	28/4/99	26.6	19	0.6	125/115	Quartzite	9.6	21.1	4.72
	Sub collector Office Compound		21° 45' 50"									

District: NABARANPUR

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Maldalpur	Papadahandi	82° 37' 32"	07/06/1999	39.8	22.8	0.6	125/115	Granite-Gneiss	6.4	39-40	0.5
	Revenue IB Compound		19° 28' 02"									
2	Kosagumda	Papadahandi	82° 14' 54"	07/07/1999	45	19.55	0.6	do	Shale	10	44-45	0.1
	Block Office Compound		19° 16' 35"									
3	Anchlaguma	Tentutikhuni	82° 40' 42"	07/11/1999	39	18.4	0.6	do	Granite-Gneiss	8.6	38-39	1.5
	High School Ground		19° 10' 25"									
4	Khatiguda	Tentutikhuni	82° 05' 30"	07/08/1999	42	26.35	0.6	do	Granite-Gneiss	10.4	41-42	0.25
	Police Station Compound		19° 55' 20"									

District: NAYAGARH

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Nayagarh	Nayagarh	85° 07' 00"	06/03/1998	40.5	14.9	0.1	125/115	Granite-Gneiss	3.2	5-5.5-8.5	1.5
	Block Office Compound		20° 08' 00"									
2	Ranapur	Ranapur	85° 21' 15"	06/07/1998	39	27.24	0.76	do	Granite	5.49	15, 37.8	0.5
	IB Compound		20° 04' 08"									
3	Bhapur	Bhapur	85° 17' 40"	06/04/1998	39	14.63	37	do	Charnockite & Granite	5.7	9, 38.5	2.5
	Block Office Compound		20° 17' 005"									
4	Odogaoon	Odogaoon	84° 59' 00"	06/06/1998	39	24	0	do	Charnockite	9	24, 38.5	3.2
	Block Office Compound		20° 01' 18"									
5	Nuagaon	Nuagaon	84° 58' 22"	06/05/1998	42	22.75	0.6		Charnockite & Granite	8.75	38.5, 41.5	0.5
	Block Office Compound		20° 15' 08"									

District: NAWAPARA

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Beltukri	Nuapada	82° 38' 56"	24/6/99	27	17.4	0.6	125/115	Granite-Gneiss	7.85	26-27	1.5
	R.I Office Compound		21° 01' 45"									
2	Khariar Road	Nuapada	82° 30' 42"	27/6/99	41	16.15	0.6	do	Granite-Gneiss	3.8	40-41	1
	RWS&S Office Campus		20° 53' 22"									
3	Komna	Komna	82° 40' 22"	25/6/99	30	14.7	0.6	do	Granite-Gneiss	3.85	29-30	0.2
	RWS&S(JE) Office Campus		20° 30' 05"									
4	Lakhna	Komna	82° 40' 01"	26/6/99	41	14.4	0.6	do	Granite-Gneiss	8.6	40-41	0.2
	Jaikishan high School Ground		20° 43' 48"									

District: PHULBANI

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Phulbani	Phulbani	84° 07' 22"	16/5/99	34	7.9	0.6	125/115	Charnockite	6.12	21	0.41
	Block Office Compound		20° 21' 20"									
2	Tumidibandh	Tumidibandh	84° 14' 42"	20/5/99	28.14	16.93	0.6	do	Granetiferous-Gneiss	4.95	18.3, 24.4	0.41
	Block Colony		20° 03' 27"									

District: RAYAGADA

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Rayagada	Rayagada	83° 24' 00"	27/7/99	48	45.2	0.6	125/115	River Alluvium	16	47-48	1
	R.I Office Compound		19° 10' 00"									
2	Muniguda	Munigada	83° 29' 35"	28/7/99	30	30.55	0.6	do	Granite-Gneiss	8.6	49-50	0.2
	Block Colony		19° 37' 30"									
3	Therubalti	Kolnara	83° 26' 28"	30/7/99	50	29.7	0.6	do	Alluvium	5	29-30	0.5
	Police Out Post Compound		19° 19' 40"									
4	Kenduguda	Padampur	82° 32' 40"	08/03/99	41	37.4	0.6	do	Alluvium	7.6	40-41	1
	Police Station Compound		18° 58' 35"									

District: SAMBALPUR

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Sasan	Dhankauda	84° 02' 30"	19/3/99	33.5	13.4	0.6	125/115	Sandstone	10.4	32-33.5	0.1
	Irrigation Compound		21° 32' 54"									
2	Dhankauda	Dhankauda	83° 58' 40"	20/3/99	30.5	17.8	0.6	do	Granite-Gneiss	8.5	29-30	0.4
	Block Colony		21° 28' 20"									
3	Rairakhol	Dhankauda	84° 20' 00"	21/3/99	30.5	9.6	0.6	do	Granite-Gneiss	-	29-30.5	0.4
	RWS&S Office Campus		21° 04' 00"									

District: SONEPUR

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	S. Rampur	Dengripalli	83° 41' 26"	13/5/99	33.55	17.4	0.6	125/115	Granite-Gneiss	3.4	19	0.3
	Canal Colony		21° 06' 02"									

District: SUNDARGARH

Sl. No.	Location	Block	Coordinates	Date of Completion	Depth of drilling (mbgl)	Length of Casing		Dia of casing (mm)	Formation	DWL after completion (mbgl)	Depth of Aquifer (mbgl)	Discharge (lps)
						mbgl	mbgl					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Gurundiha	Gurundiha	84° 46' 04"	05/06/1999	34.4	18.6	0.6	125/115	Granite-Gneiss	5.72	25	1.48
	Block Office Compound		21° 50' 48"									
2	Tangarpali	Tangarpali	83° 58' 22"	05/07/1999	39.63	23.6	0.6	do	Mica-Schist	6.18	24.5, 36	0.5
	Block Office Compound		22° 08' 15"									
3	Birmitrapur	Municipality	84° 43' 52"	05/06/1999	36.6	8.6	0.6	do	Limestone	5.2	11.2, 34	1.48
	Govt. high School Hostel Ground		22° 24' 37"									
4	Talasara	Balisankara	84° 06' 02"	05/06/1999	46.2	8.64	0.6	do	Pegmatite	15.84	42	0.2
	Irrigation Colony		22° 21' 42"									

DETAILS OF PIEZOMETERS IN COASTAL AREAS OF ORISSA
(Under Hydrology Project)

SINo.	Location	District	Coordinates		Depth Drilled (mbgl)	Well Depth (m)	Zone tapped(m) From -To
			Latitude	Longitude			
1	2	3	4	5	6	7	8
1	Haldipada-I	Balasore	21 ⁰ 37' 42"	87 ⁰ 01'00"	202.00	170.00	160- 166
2	Haldipada-II	-Do-	21 ⁰ 37' 43"	87 ⁰ 01'02"	52	48	38-44
3	Baliapal-I	-Do-			202.00	138	128-134
4	Baliapal-II	-Do-			102.00	98	88-94
5	Dhanasimulia-I	-Do	21 ⁰ 48'18"	87 ⁰ 13'48"	300.80	108	98-104
6	Dhansimulia-II	-Do-	21 ⁰ 48'18"	87 ⁰ 13'48"	46.00	40.00	30-36
7	Talanagar	-Do	21 ⁰ 14' 36"	86 ⁰ 39' 11"	202.00	86.00	76-82
8	Saud -I	-Do-			246.00	223	211-217
9	Saud-II	-Do-			68.50	68	58-64
10	Podadiha	-Do-	21 13' 05"	86 45' 45"	100	100	90 to 96
11	Balasore-I	-Do-	21 30' 19"	86 54' 36"	102	102	90 to 96
12	Balasore-II	-Do-	21 30' 19"	86 54' 36"	73	73	61 to 67
13	Khamaria-I	Bhadark			250	152	142-148
14	Khamaria-II	-Do-			122	119	109-115
15	Rahanja-I	-Do-	21 ⁰ 03' 34"	86 ⁰ 29' 40"	142	142	132 to 138
16	Rahanja-II	-Do-	21 ⁰ 03' 34"	86 ⁰ 29' 40"	70	70	60 to 66
17	Kalyani-I	-Do-	21 ⁰ 18' 37"	86 ⁰ 51' 03"	161	161.00	151-157
18	Kalyani-II	-Do-	21 ⁰ 18' 37"	86 ⁰ 51' 03"	102	102	92-98
19	Biras	-Do-	21 ⁰ 14'57"	86 ⁰ 46'49"	250.53	226.00	216-222
20	Basudevpur-I	-Do-			250	127	117-123
21	Basudevpur-II	-Do-			90	87	77-83

1	2	3	4	5	6	7	8
22	Kendrapara-I	Kendrapara	20 ⁰ 30' 20"	86 24' 25"	250	227	217 – 223
23	Kendrapara-II	-Do-	20 ⁰ 30' 20"	86 ⁰ 24' 25"	182	182	172 -178
24	Barimul-I	-Do-	20 ⁰ 31' 54"	86 ⁰ 23' 51"	244	244	234-240
25	Barimul-II	-Do-	20 ⁰ 31' 54"	86 ⁰ 23' 51"	212	212	202-208
26	Barimul-III	-Do-	20 ⁰ 31' 54"	86 ⁰ 23' 51"	158	156	148-154
27	Badamulabasant-I	-Do-	20 ⁰ 34' 25"	86 ⁰ 31' 05"	177	177	167-173
28	Badamulabasant-II	-Do-	20 ⁰ 34' 25"	86 ⁰ 31' 05"	300	264	251-257
29	Jajang-I	-Do-	20°30'10"	86°27'15"	241.50	197.00	188-194
30	Jajang-II	-Do-	20°30'10"	86°27'15"	160	156	147-153
31	Marsaghai	-Do-	20 ⁰ 25' 27"	86 ⁰ 32' 24"	248	206	196 - 202
32	Aul	-Do-	20 ⁰ 40' 45"	86 ⁰ 38'49"	300	282	272 - 278
33	Kujang-I	Jagatsinghpur	20 ⁰ 19' 11"	86 ⁰ 13'35"	201.60	123	114-120
34	Kujang-II	-Do-	20 ⁰ 19' 11"	86 ⁰ 13'35"	93.00	91	82-88
35	Manijanga-I	-Do-	20°18'15"	86°22'25"	134.70	126	116-122
36	Manijanga-II	-Do-	20°18'15"	86°22'25"	214.60	197	187-193
37	Chatua-I	-Do-			201.60	164	155-161
38	Chatua-II	-Do-			136.10	127	118-124
39	Ersama-I	-Do-	20°12'04"	86°24'50"	203	196	187-193
40	Ersama-II	-Do-	20°12'04"	86°24'50"	38	32	
41	Pankapal	-Do-			279	110	98 to 104
42	Raniguda	Cuttack	20°31'15"	86°09'11"	202	111	102-108
43	Puri-I	Puri	20°11'00"	85°23'00"	46	46	36-42
44	Puri-II	-Do-	20°11'00"	85°23'00"	64.99	57.50	35-53.50
45	Konark	-Do-	19°53'35"	86°05'15"	81	22	16-19

ANNEXURE - III

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Anugul

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr (mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1	Amna	2.09	7.74	7	-4.91	0.74
2	Angul1	2.87	7.5	5.25	-2.38	2.25
3	Bagharia	1.43	5.75	3.55	-2.12	2.2
4	Balanda	3.78	4.7	3.9	-0.12	0.8
5	Bamur	3.75	4.8	4.32	-0.57	0.48
6	Banarpal1	3.2		3.4	-0.2	
7	Bantala	6.55	6.51	5	1.55	1.51
8	Bantala-Ii	2.9	6.36	5.45	-2.55	0.91
9	Barhabahal	3		4.3	-1.3	
10	Bhogabereni	2.83	7.95			
11	Boinda1	2.4	6.83	4.7	-2.3	2.13
12	Boinda-Ii	2.55	5.18	4.13	-1.58	1.05
13	Chainpal	9.15	12	9.65	-0.5	2.35
14	Chendipada1	2.96	6.55	3.85	-0.89	2.7
15	Derjung	7.63	8.84	8.73	-1.1	0.11
16	Durgapur 1	2.35	6	3.35	-1	2.65
17	Godibandha	6.85	10.35	8.9	-2.05	1.45
18	Goribandha	5.08	8.57	7.7	-2.62	0.87
19	Handpa	2.17	5.2	4.3	-2.13	0.9
20	Handpa-Ii	2.05	5.16	4.74	-2.69	0.42
21	Jagannathpur	4.08	6.95	5.3	-1.22	1.65
22	Jamardihi	2.88	6.5	3.5	-0.62	3
23	Jarpada		6.03	4.84		1.19
24	Jharpada	4.13	5.85	4.77	-0.64	1.08
25	Katada	2.5	5.58	4.16	-1.66	1.42
26	Khamar-1	3.71	6.5	4.25	-0.54	2.25
27	Khamar-Ii	5.36	7.72	6.46	-1.1	1.26
28	Kosala1	1.83	4.91	2.85	-1.02	2.06
29	Kuio	2.08	5.7	2.73	-0.65	2.97
30	Kukurang	1.86	4.68	4.6	-2.74	0.08

31	Kulnara1	3.67	6.05	4.4	-0.73	1.65
32	Kumunda 1	1.62	2.95			
33	Mahidharpur	3.54	9.44	5.47	-1.93	3.97
34	Maratira	1.36		3.19	-1.83	
35	Nisa	2.22	3.89	3.1	-0.88	0.79
36	Pabitranaagar pz			14.1		
37	Pallahara1	2.33	5.05	2.67	-0.34	2.38
38	Panchmahala	3.9	9.73	6.4	-2.5	3.33
39	Panchmahala-Ii	4.34	8.58	6.4	-2.06	2.18
40	Paranga	1.1	3.23			
41	Purnakot	4.86		5.95	-1.09	
42	Samal	1.87	3.27	2.02	-0.15	1.25
43	Seepur	3.47	9.56	6.9	-3.43	2.66
44	Sendhogram	5.17	5.83	3.35	1.82	2.48
45	Sipur	4.02	7.9	6.33	-2.31	1.57
46	Srirampur	3.35	8.3	1.1	2.25	7.2
47	Talcher1	7		10.6	-3.6	
48	Tentulai	3.75	4.2	-0.45		
49	Thakurgarh 1	2.7	5.74	4.07	-1.37	1.67
50	Tikarpara	1.06		2.27	-1.21	
51	Tikarpara-ii		5.92	4		1.92
52	Tileswar	2.78	4.87	3.5	-0.72	1.37
53	Tubey	1.85	4.15			
54	Tulsipal	1.91	6.15	4.75	-2.84	1.4
55	Ugi	7.13	10.5			

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Bolangir

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
56	Agalpur	3.58				
57	Agalpur 1		9.65	2.25		7.4
58	Atgan	2.37	4.02	2.12	0.25	1.9
59	Bairasar	3.9	6.2	5.07	-1.17	1.13
60	Bandupali	2.35	2.95	1.45	0.9	1.5
61	Belgaon	2.08	5.3	3.8	-1.72	1.5
62	Belpara	3.59	5.6	5.16	-1.57	0.44
63	Bharsuja	1.92				
64	Bijakhaman1		5.8	3.4		2.4
65	Bolangir-1	4.3	5.76	6.01	-1.71	-0.25
66	Bolangir-ii	1.19	3.51			
67	Bongamunda	4.45	6.75	5.7	-1.25	1.05
68	Burda	1.9		3.9	-2	
69	Burda1		5.18			
70	Chhatamakhan	3.15	5.52	3.9	-0.75	1.62
71	Chormara	1.95	2.8	2.6	-0.65	0.2
72	Churapali	3.22	5.75	4.17	-0.95	1.58
73	Dhoman Donga	1.9	3.6	2.8	-0.9	0.8
74	Dhumamara	1.72	4.44	3.05	-1.33	1.39
75	Dudoka Sira		3.02	3.05		-0.03
76	Duduka	2.4	6.2	2.15	0.25	4.05
77	Dulusara	4.03	6.6	5.25	-1.22	1.35
78	Dumalpada	3.7	5.18	4.4	-0.7	0.78
79	Dumberbahal	5.4	7.4	6.3	-0.9	1.1
80	Eachgaon	5	8.65	6.05	-1.05	2.6
81	Fasad		4.14	2.55		1.59
82	Gaintala	2.01	6.1	3.9	-1.89	2.2
83	Gorcochia	4.67		3.82	0.85	
84	Gudighat	1.45	4.9	2.8	-1.35	2.1
85	Haladia	2.51	7.2	2.8	-0.29	4.4
86	Hardatal	3.13	5.5	4.9	-1.77	0.6
87	Ichhapur	1.32		1.3	0.02	

88	Jagua	1.6	4.71	2.61	-1.01	2.1
89	Jamut	2.82	5.7	2.95	-0.13	2.75
90	Jhankar Pali	2.85	5.85	4.48	-1.63	1.37
91	Jogimunda			3.35		
92	Jogisurda	2.4	4.44			
93	Joyorpada	2.12	4.45	3.4	-1.28	1.05
94	Kantabanji	3.55	6.81	4.6	-1.05	2.21
95	Kesaropali	2.32	5.7	2.51	-0.19	3.19
96	Khaprakhol		6.7			
97	Kholan	3.86	7.9	5.7	-1.84	2.2
98	Kurli	4	6.12	4.7	-0.7	1.42
99	Kurul	2	4.75	1.85	0.15	2.9
100	Lathor		5.61			
101	Ledarbohal	6.25	5.1	1.15		
102	Loisinga	2.9	5.23	3.9	-1	1.33
103	Madiapali		5.3	2.22		3.08
104	Mandia Padar		6.31	5.6		0.71
105	Minapali	3.35	5.9	4.48	-1.13	1.42
106	Muribahal	4.8	9.02	6.57	-1.77	2.45
107	Nekpada	2.75	5.82	3.62	-0.87	2.2
108	Nuagaon2	2.97	6.32			
109	Nunhad	1.4		3.1	-1.7	
110	Padampur	3.53	5.51	4.4	-0.87	1.11
111	Patdamundai	1.92	7.2	1.1	0.82	6.1
112	Patnagarh-Ii	4.57	7.95	6.1	-1.53	1.85
113	Phulkimunda	1.85	2.98			
114	Piprut	1.9	4.15	2.8	-0.9	1.35
115	Pudapalli	1.5	4.32	2.05	-0.55	2.27
116	Rampur Ampali	2.6	6.3	3.5	-0.9	2.8
117	Randa	1.7	4.56	2.55	-0.85	2.01
118	Regdol	1.8	4.8	2.6	-0.8	2.2
119	Sagarpali	2	4.1	2.9	-0.9	1.2
120	Saintala 1	3.6	5.7	4.65	-1.05	1.05
121	Salandi	3.05	5.05	3.4	-0.35	1.65
122	Salebhata	3.66	5.16	3.27	0.39	1.89
123	Sarmohan-I	2.1	5.41	2.6	-0.5	2.81
124	Sikachhira 1		3.9	2.55		1.35
125	Sindhikela (new)	3.65	5.6	4.35	-0.7	1.25
126	Sindhikela1	2.5	5.02	3.8	-1.3	1.22
127	Sinkhaman	1.4	3.5	2.35	-0.95	1.15
128	Suka	1.03	3.17	3.9	-2.87	-0.73

129	Tikkarpada		4.65	3.14		1.51
130	Titisilet	4.45	7.6	6.1	-1.65	1.5
131	Titlagarh (new)	2.9	5.02	4.28	-1.38	0.74
132	Uchhabahal	1.08	1.75	1.65	-0.57	0.1

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Baleshwar

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
133	Baband	2.89	6.2	3.05	-0.16	3.15
134	Baghudi	1.77	6.31	2.13	-0.36	4.18
135	Bahanga	3.08	7.02	3.41	-0.33	3.61
136	Balasore Town		6.93	3.72		3.21
137	Bankisial	1.13	6.27	1.71	-0.58	4.56
138	Basta	1.78	4.12	2.13	-0.35	1.99
139	Benthiapada	2.8	5.68	3.08	-0.28	2.6
140	Bhagabondh	3.1	7.29	3.41	-0.31	3.88
141	Bhalukasuni 1	3.57	7.4	3.64	-0.07	3.76
142	Chalanti	3.47				
143	Chandipur	2.91		2.49	0.42	
144	Chekamara	3.83	3.97	-0.14		
145	Darkholi	3.08	7.81	3.21	-0.13	4.6
146	Dasarathipur Sasan	4.93	7.3	5.18	-0.25	2.12
147	Govindpur		6.91			
148	Jamsuli	1.39	6.29	1.67	-0.28	4.62
149	Jhomghati	2.79		3.03	-0.24	
150	Kansal	1.43		1.51	-0.08	
151	Khantapada	1.87	7.21	2.14	-0.27	5.07
152	Kuligaon			3.38		
153	Kunchibenia	2.83	2.71	0.12		
154	Kupari		6.2			
155	Lingapada	3.71	2.58	1.13		
156	Markona	2.47				
157	Mitrapur	3.28	6.78	3.43	-0.15	3.35
158	Nilgiri	3.77	7.2	4.09	-0.32	3.11
159	Nuaporhi	2.28	6.36	2.3	-0.02	4.06
160	Oupada		5.6	3.67		1.93
161	Raibania	1.41	6.78	1.61	-0.2	5.17
162	Remuna	2.3	7.4	2.4	-0.1	5
163	Rupsa	0.83	2.41	1.21	-0.38	1.2

164	Sasanbar	0.93		1.08	-0.15	
165	Sathi	2.67		2.81	-0.14	
166	Sherogarh			4.95		
167	Shrijang			3.59		
168	Siadimal	2.18	6.39	2.4	-0.22	3.99
169	Sialghati	2.41	6.96	2.73	-0.32	4.23
170	Soro	1.59				
171	Tenda	3.11	7.13	3.24	-0.13	3.89

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Baragarh

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
172	Adagaon			2.12		
173	Ambabhona	1.9		2.49	-0.59	
174	Attabira1	4.02	6.95	3.48	0.54	3.47
175	Baghapalli	1.74	1.58	1.61	0.13	-0.03
176	Bargarh1	2.72	7.31	3.76	-1.04	3.55
177	Batetarma	2.91	5.65	3.39	-0.48	2.26
178	Bhatli 1	1.97	2.17	1.98	-0.01	0.19
179	Bheden 1	3.2	3.45	3.31	-0.11	0.14
180	Bhukta	2.04	5.35	2.35	-0.31	3
181	Bijepur1	5.05	7.71	5.92	-0.87	1.79
182	Boipur	1.02	0.89	0.89	0.13	0
183	Burda	1.75	1.55	2.1	-0.35	-0.55
184	Burdapali	1.89	3.94	2.61	-0.72	1.33
185	Chaklifarm	1.07	0.5	0.45	0.62	0.05
186	Chichinda	1.56	1.27	1.44	0.12	-0.17
187	Dang	1.98	2.3	1.97	0.01	0.33
188	Dumalpali	1.72	2.3	1.73	-0.01	0.57
189	Dungri	2.02	2.91	2.32	-0.3	0.59
190	Gaisilet3	1.9	4.73	2.18	-0.28	2.55
191	Ghens 1	2.53	5.32	3.05	-0.52	2.27
192	Gondtarum	0.74		0.79	-0.05	
193	Gopipali	4.26		5.11	-0.85	
194	Gorbhaga	2.05		2.95	-0.9	
195	Grinjal	1.83		2.08	-0.25	
196	Hirapur	2.04		1.67	0.37	
197	Jagalpet	2.9		3.22	-0.32	
198	Jamset	3.13		3.48	-0.35	
199	Jamurda	1.14		1.17	-0.03	
200	Jaring	2.65		4.18	-1.53	
201	Kansdhol	6.24	8.85	5.99	0.25	2.86
202	Kantabahal	5.25	6.4	5.25	0	1.15
203	Katapali	3.24	5.11	3.7	-0.46	1.41

204	Kharmanda	1.67	2.12	1.74	-0.07	0.38
205	Kharmunda	4.44	7.09	5.13	-0.69	1.96
206	Khuntapali	2.47	2.69	1.54	0.93	1.15
207	Khutlipalli	5.5	7.92	6.89	-1.39	1.03
208	Kulunda	1.65	1.52	1.82	-0.17	-0.3
209	Kumbhari	1.14	0.98	1.17	-0.03	-0.19
210	Kurla	1.6				
211	Kuruan		1.38	1.32		0.06
212	Kusanpur	2.74	5.35	3.76	-1.02	1.59
213	Lakhanpur		5.68	1.75		3.93
214	Larambha	1.34	1.15	1.23	0.11	-0.08
215	Lastala	2.22	1.97	3.03	-0.81	-1.06
216	Lenda	1.34	1.75	1.74	-0.4	0.01
217	Lupursinga	2.07	1.62	1.61	0.46	0.01
218	Mahada	2.73	4.84	2.8	-0.07	2.04
219	Mahulpali	3.47	8.37	4.85	-1.38	3.52
220	Majhipali	3.98	5.7	4.24	-0.26	1.46
221	Malada	2.43	5.5	3.81	-1.38	1.69
222	Mithapali	1.28	3.61	1.15	0.13	2.46
223	Padampur2	1.79	3.73	2.21	-0.42	1.52
224	Para	3.26	6.7	3.9	-0.64	2.8
225	Patrapalli	2.74	3.19	2.79	-0.05	0.4
226	Purena	2.47	5.72	3.14	-0.67	2.58
227	Puturipali	2.06	1.45	1.58	0.48	-0.13
228	Remada	1.05	0.83	0.9	0.15	-0.07
229	Remenda	1.43	1.7	1.46	-0.03	0.24
230	Rengalpali		0.39	0.59		-0.2
231	Resham		0.51	0.65		-0.14
232	Rusuda	1.15	0.78	0.75	0.4	0.03
233	Sarala	1.25	0.98	0.8	0.45	0.18
234	Sargibahal 1	5.98				
235	Satlama	3.62	5.1	4.38	-0.76	0.72
236	Shukutapali		2.5	2.44		0.06
237	Sikirdi	0.91	0.84	0.85	0.06	-0.01
238	Sulsulia	1.28	4.85	1.31	-0.03	3.54
239	Sunajuri-Tukuria	7.12	7.85	4.22	2.9	3.63
240	Thuapali 1		2.14	1.99		0.15
241	Top	0.72	0.8	0.65	0.07	0.15
242	Tora	1.3	0.86	0.86	0.44	0
243	Uttam	1.58	1.7	1.58	0	0.12

Water Level Data/Fluctuation for the Specified Period

State ODISHA

District Baudh

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
244	Adenegarh	1.21	4.5	3.25	-2.04	1.25
245	Ainlapali	1.35	5.02	3.3	-1.95	1.72
246	Arakhpadar	1.58	4.7	2.98	-1.4	1.72
247	Auinla Chua Chhak	1.3	5.9	3.95	-2.65	1.95
248	Badhigan	2.07	5.01	3.3	-1.23	1.71
249	Baghiapada	2.4	3.9	4	-1.6	-0.1
250	Baidanathpur	1.45	4.45	2.55	-1.1	1.9
251	Bala Singha	2.25	5.15	4.9	-2.65	0.25
252	Baring	0.7	6.55	6.22	-5.52	0.33
253	Baunsuni	2.25	5.85			
254	Birnarsingpur	3.71	6.87	5.85	-2.14	1.02
255	Botpali		6.01	4.4		1.61
256	Boudh	4.24	5.15	4.8	-0.56	0.35
257	Brisspati Pur	2.13	5.2	4.01	-1.88	1.19
258	Charichak	1.65	4.8	4.65	-3	0.15
259	Chatarang	2.88		3.11	-0.23	
260	Dahya	1.48	5.5	3.8	-2.32	1.7
261	Damamunda	1.7	5.8	4.12	-2.42	1.68
262	Dholpur	0.6	5.03	2.41	-1.81	2.62
263	Erada	2.55	4.65	5.1	-2.55	-0.45
264	Gambhari Padar	1.45	5.65	3.85	-2.4	1.8
265	Gandhi Sahi	2.4	5.03	3.65	-1.25	1.38
266	Ghamtapada	2.65				
267	Gohipita	1.87	1.7	4.3	-2.43	-2.6
268	Gudveli Padar	1.63	4.52	3.9	-2.27	0.62
269	Gundulia	4.9	6.8	6.5	-1.6	0.3
270	Harbanga	1.31	7	4.96	-3.65	2.04
271	Harekrishnapur	1.3	6.32	4.2	-2.9	2.12
272	Jahanapank	1.95	5.52	3.25	-1.3	2.27
273	Kamira	2.85		3.72	-0.87	
274	Kantamal	3.65	7.3	4.5	-0.85	2.8

275	Karoda Kutha		6.9	5.88		1.02
276	Khajuripada	3.75	5.9	4.7	-0.95	1.2
277	Kusang	4.11	7.2	5.7	-1.59	1.5
278	Landibandh	0.83	5.6	3.85	-3.02	1.75
279	Laxmanpur	1.1	2.55	2.2	-1.1	0.35
280	Lumrijena	1.35	3.25	2.45	-1.1	0.8
281	Maheswar Pinda	1.8	4.35	2.7	-0.9	1.65
282	Manamunda	3.6	6.2	5.25	-1.65	0.95
283	Nuapada	1.22	3.6	3.95	-2.73	-0.35
284	Nuapada 1		4.9	4.65		0.25
285	Nuapali	1.3	4.86	2.25	-0.95	2.61
286	Nunibahal	2.02	6.8	5.41	-3.39	1.39
287	Palasaguda	2.8	5.3	3.27	-0.47	2.03
288	Palasaguda1	1.85	5.2	3.78	-1.93	1.42
289	Polam 2	2.05	7.62	5.58	-3.53	2.04
290	Purnakatak1	1.96	5.52	8.05	-6.09	-2.53
291	Purunakatak	2.9		4.95	-2.05	
292	Radha Nagar	2.02	6.7	5.45	-3.43	1.25
293	Sangrampur	1.15	4.72	2.8	-1.65	1.92
294	Sanrahajhar	1.99	6.1	2.92	-0.93	3.18
295	Singrachhak	1.45	5.25	2.88	-1.43	2.37
296	Telibandha	1.4	6.32	3.5	-2.1	2.82
297	Tilesar	5.84	8.5	8.3	-2.46	0.2
298	Tilesar 1	1.65	5.01	4.1	-2.45	0.91
299	Tukulunda	1.29	5.02	5.2	-3.91	-0.18
300	Udaipur	1.32	8.75	6.35	-5.03	2.4
301	Usbilika	3.2	6	4.4	-1.2	1.6

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Bhadrak

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
302	Ada Sasan	0.28	5.13	0.41	-0.13	4.72
303	Agarpara	2.51		2.67	-0.16	
304	Akhuapada	3.03	5.13	3.13	-0.1	2
305	Bagdavinayakpur	0.48	4.13	0.71	-0.23	3.42
306	Balipatna	1.81	3.8	1.76	0.05	2.04
307	Banth	1.79				
308	Bentola	1.14	5.21	1.27	-0.13	3.94
309	Betaligaon	1.69		2.21	-0.52	
310	Bhagvenpur	2.71	4.33	2.89	-0.18	1.44
311	Bhandaripokhri	1.79				
312	Bidanpur	2.21	4.31	2.4	-0.19	1.91
313	Boharbili	1.33	4.36	1.52	-0.19	2.84
314	Durgapur	1.72	3.88	2.05	-0.33	1.83
315	Gujidarha	2.57	4.63	2.89	-0.32	1.74
316	Kothar	2.69	5.53	3.12	-0.43	2.41
317	Kothar 1	2.81	3.3	2.92	-0.11	0.38
318	Puriparabenipur		4.17			
319	Rambhila	1.4	4.38	1.81	-0.41	2.57
320	Sabrang	2.13	4.45	2.43	-0.3	2.02
321	Talapada	2.68				
322	Tihidi	2.7	4.71	2.87	-0.17	1.84
323	Uttarabahini	1.81	4.74	2.1	-0.29	2.64

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Cuttack

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
324	Abhimanpur	1.1	5.45	5.5	-4.4	-0.05
325	Achhutpur	1.4		2.15	-0.75	
326	Adaspur	2	3	2.2	-0.2	0.8
327	Anantapur	1.05	2.9	1.9	-0.85	1
328	Athagarh-1	3.08	5.42	6.8	-3.72	-1.38
329	Aunlo	1.5				
330	Balichandrapur	1.3				
331	Balijhari 1	2.2	8.2			
332	Bankil	2	3.8	2.7	-0.7	1.1
333	Baramba	2.7	8.7	7.48	-4.78	1.22
334	Baranga	1.3	4.5	3	-1.7	1.5
335	Belasahi	1.7	4.8	3.1	-1.4	1.7
336	Bentkar	1.3				
337	Brahmana Jhharilo	1.9	3.8	2.5	-0.6	1.3
338	C-02 Gopalpur	1.24	3.31	1.76	-0.52	1.55
339	C-03 Khannagar	5.44	3.05	3.5	1.94	-0.45
340	C-04 Khannagar (Kalivihar)	1.56	1.53	1.33	0.23	0.2
341	C-05 CDA (Ward.7)	4.67	2.61	5.66	-0.99	-3.05
342	C-06 Bidanasi	1.23	2	1.49	-0.26	0.51
343	C-07 Sekhbazar	2.67	3.65	2.86	-0.19	0.79
344	C-08 Jobra Launch Ghat	3.09	4.1	2.66	0.43	1.44
345	C-09 Bose Campus	1.08	1.43	1.85	-0.77	-0.42
346	C-10 Sikharpur	0.94	1.23	1.06	-0.12	0.17
347	C-12 Nimasahi (Haripur)	1.16	1.35	1.61	-0.45	-0.26
348	C-13 Mahammadia Bazar	3.15	4.71	4.19	-1.04	0.52
349	C-14 Chandi Mandir	1.1	1.23	1.01	0.09	0.22
350	C-16 Bauxi Bazar	1.88	3.6	2.28	-0.4	1.32
351	C-17 Fakirpur	1.14	3.02	0.99	0.15	2.03
352	C-18 Jagatpur	1.58	4.91	4.49	-2.91	0.42
353	C-19 Chauliaganj	0.59	1.78	1.61	-1.02	0.17
354	C-20 Nadikula sahi (Sikharpur)	0.47	0.61	1.55	-1.08	-0.94

355	C-21 Bidyadharpur	1.1	4.68	3.27	-2.17	1.41
356	C-22 Andarpur	0.83	1.7	0.83	0	0.87
357	C-23 Railway Colony (OMP S	1.87	4.58	2.6	-0.73	1.98
358	C-24 Nuagarh	2.28	3.9	2.43	-0.15	1.47
359	C-25 Balikuda-2	3.23	4.04	3.18	0.05	0.86
360	C-26 Jagatpur-2	1.48	3.82	2.31	-0.83	1.51
361	C-27 Manguli Chhak	1.58	2.34	1.67	-0.09	0.67
362	C-28 Jagatpur-3 (Nuasahi)	5.02	5.15	4.66	0.36	0.49
363	C-29 Khapurja Bazar	1.75	4.17			
364	C-30 Khapurja (Nuapada)	0.39	0.79	0.6	-0.21	0.19
365	C-31 Pithapur		1.21	1.03		0.18
366	C-32Khapurja	3.19	4.9	3.64	-0.45	1.26
367	C-33 Lakshmi Mandap (Badam	0.57	0.3	0.53	0.04	-0.23
368	C-34 Chakuli			1.61		
369	C-35 Netaji Nagar			2.78		
370	Choudwar	1	2.45			
371	Chowdwar	5.36		6.12	-0.76	
372	Cuttack Town	2.75	5.2	3.35	-0.6	1.85
373	Dingeswar	1.4				
374	Fategarhbazarsa	1.65				
375	Gopalpur2	1.2	3.1	2.1	-0.9	1
376	Gopapur	2.05	4.38	3.49	-1.44	0.89
377	Gunadol(chingud	1.7	3			
378	Jagatpur-i	2.45	4.3	4	-1.55	0.3
379	Jagatpur-II	1.3	1.95	1.7	-0.4	0.25
380	Jharpara	1.4				
381	Kanapur	1.34	2.68	2.4	-1.06	0.28
382	Kandarpur	1.3	3.6	2.25	-0.95	1.35
383	Kantapara1	1.3		3.15	-1.85	
384	Karadibandh	2.7	5.4	5.47	-2.77	-0.07
385	Khuntuni	1.34	3.35	1.2	0.14	2.15
386	Kuapal	1.5				
387	Kulailo	1.32				
388	Kulia Market	1.15	3	2	-0.85	1
389	Kusunpur	1.95				
390	Madhab	1.25	3.8	2.8	-1.55	1
391	Mahanga	1.35				
392	Mahanga1		2.9	2.4		0.5
393	Megha	1.18	3.75	3.1	-1.92	0.65
394	Nachhipur	1.3	3.8	2	-0.7	1.8

395	Nandalagada	1.2				
396	Narsingpur	3.1	6.15	3.8	-0.7	2.35
397	Natara(matkatpu	1.3		3	-1.7	
398	Niali	2	4.5	3.15	-1.15	1.35
399	Nimpur	1.35	4.4	3.1	-1.75	1.3
400	Nischintakoili (new)	1.2	1.9	1.4	-0.2	0.5
401	Nuagarh	1.2	3.5	2.2	-1	1.3
402	Oranda	4.82	8.45	6.05	-1.23	2.4
403	Paikasahi	1.15				
404	Radha Gobindapur	1.56	6.72	3.49	-1.93	3.23
405	Raisunguda	1.15				
406	Rajnarar	1.61	1.55	1.5	0.11	0.05
407	Sankhmiri	1.14	3	2.66	-1.52	0.34
408	Saradapur	2.83	6.13	4.12	-1.29	2.01
409	Sisua	1.15	3.1	2.3	-1.15	0.8
410	Sukhrapada	1.45				
411	Tangil	2.77	6.52	4.68	-1.91	1.84
412	Telengapenth	1.55	3.4	2.4	-0.85	1
413	Tigiria	0.39	2	1.37	-0.98	0.63

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Debagarh

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
414	Barkot-iii	3.5	6.3	2.9	0.6	3.4
415	Deogarh	3.3	4.9	3.1	0.2	1.8
416	Kalamati		6.18	4.4		1.78
417	Kalkat	3.4	7.15	4.05	-0.65	3.1
418	Kondal	3.45	3.6	3.85	-0.4	-0.25
419	Rengalbeda	1.25	5.05	1.55	-0.3	3.5
420	Riamal	1.75	4.75	2.05	-0.3	2.7
421	Tarang	6.55		5.75	0.8	
422	Telimunda	3.6	4.75	3.85	-0.25	0.9
423	Tileibani	4.85	7.45	4.65	0.2	2.8

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Dhenkanal

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
424	Alnaberini 1	5.15	7.97	6.76	-1.61	1.21
425	Babandh	1.1	4	3.89	-2.79	0.11
426	Badajhara	2.6	4.47	4.33	-1.73	0.14
427	Badasuanlo-Hatwari	1.03	5.01			
428	Baisingha	6.77	10	7.1	-0.33	2.9
429	Baisingha-Ii			7.52		
430	Baldiabandh	5.19	7.45	5.8	-0.61	1.65
431	Balmi	5.32	8.42	7.08	-1.76	1.34
432	Balrampur	1.65		1.1	0.55	
433	Bandhnuagaon	1.58	5.98	1.95	-0.37	4.03
434	Batgaon	2.96	5.44	3.57	-0.61	1.87
435	Baulpur	3.45	6.2	5.82	-2.37	0.38
436	Bhapur2	1.48	4.67	3.27	-1.79	1.4
437	Bhuban	4.35	5.75	5.56	-1.21	0.19
438	Bhuban-Ii	2.15	3.59	4	-1.85	-0.41
439	Deogaon	1.12	4.03	2.05	-0.93	1.98
440	Dhaulpur	0.62	5.6	3.04	-2.42	2.56
441	Dhenkanal	2.04	1.78	1.85	0.19	-0.07
442	Gangutia	4.97	5.7	5.9	-0.93	-0.2
443	Goda	4.72	9.56	6.3	-1.58	3.26
444	Gondial		4	2.1		1.9
445	Hatwari	3.37	5.57	2.1	1.27	3.47
446	Hindoll	5.05	6.05	5.8	-0.75	0.25
447	Joranda	5.65	8.83	7.19	-1.54	1.64
448	Kaimati	2.35	5.15	4.27	-1.92	0.88
449	Kamakyanager	3.77		5.55	-1.78	
450	Kamakyanager-Ii	3.48	7.85	3.65	-0.17	4.2
451	Kandarsingha	2.01	5.65	3.4	-1.39	2.25
452	Kankadahad	6.36	6.68	6.47	-0.11	0.21
453	Karanda	1.67	5.07	3.35	-1.68	1.72
454	Mahulpal	2.13	5.73	2.84	-0.71	2.89

455	Mandar	3.82	6.4	5.13	-1.31	1.27
456	Mathakaragola	7.38	9.12	5.13	2.25	3.99
457	Motanga	2.79	5.9	3.78	-0.99	2.12
458	Motanga-Ii	2.5	5.65	4.12	-1.62	1.53
459	Muktaposi	1.02	5.53	2.4	-1.38	3.13
460	Parjangl	2.24	6.45	2.92	-0.68	3.53
461	Rasol	2.04	4.79	4.4	-2.36	0.39
462	Sading	1.67	4.97	2.95	-1.28	2.02
463	Samacharanapur	3	5.15	5.22	-2.22	-0.07
464	Samole	2.66	6.31	4.22	-1.56	2.09
465	Saptasaja	1.76	2.8	2.05	-0.29	0.75
466	Shankarpur	1.84	4.33	2.93	-1.09	1.4
467	Singhada	1.81				

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Gajapati

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
468	Adaba	2.45	5.65	3.4	-0.95	2.25
469	Appalanaidupetta		2.96	1.61		1.35
470	Bada Khoni	1.2	2.67	1.43	-0.23	1.24
471	Chandiput	1.5	4.18			
472	Chandiput 1			3.83		
473	Chandragiri	4.02	8.87			
474	Chandragiri 1			3.89		
475	Dantarinalo	5.35	4.04	3.43	1.92	0.61
476	Garapanth	1.77	1.64	1.8	-0.03	-0.16
477	Gosani	1.07	3.31	2.35	-1.28	0.96
478	K Sitarampur	1.5	3.66	2.61	-1.11	1.05
479	Kantragada	0.67	2.22	1.25	-0.58	0.97
480	Kasinagar	1.5	6.28	3.78	-2.28	2.5
481	Kattalakanita	2.45	6.11	3.58	-1.13	2.53
482	Khajuripara			2.56		
483	Kirama		5.2	4.95		0.25
484	Ladruma	3.93	9	7	-3.07	2
485	Lavanya Khotta	0.14	3.77	2.28	-2.14	1.49
486	Lillygada		2.05	0.55		1.5
487	Luhaguda	1.86	7.23	2.11	-0.25	5.12
488	Madhura-Amba	0.56	2.97	0.92	-0.36	2.05
489	Miniliaon	1.81	5.78	6.63	-4.82	-0.85
490	Mohana	1.57	9.8	3.31	-1.74	6.49
491	Narayanpur	1.47	4.65	2.21	-0.74	2.44
492	Parasamba	1.71	6.11	5.6	-3.89	0.51
493	Parlakhemundi	0.95	3.64	3.07	-2.12	0.57
494	Pegoda	3.17		5.27	-2.1	
495	Ranipetta		3.46	2.79		0.67
496	Raygarh	2.24	3.04	3.01	-0.77	0.03
497	Sabarpur		10.74	3.6		7.14
498	Santhi Nagar	1.42	4.15	2.4	-0.98	1.75
499	Suklipadar		5.03	3.2		1.83

500	Taramala	0.58	2.1			
501	Tattipati	1.5	6.77	2.62	-1.12	4.15
502	Tumbagarh		3.1			
503	Zubagaon		4.85	4.02		0.83

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Ganjam

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
504	Ambapua	3.7	6.45			
505	Ambapua 1			2.55		
506	Aska	0.65	1.41	0.7	-0.05	0.71
507	Badagarh	0.44	0.95	1.71	-1.27	-0.76
508	Badakhandi	0.49	5.81	1	-0.51	4.81
509	Badakholi	1.15	3.65	2.55	-1.4	1.1
510	Balipadar	0.8	3.92	0.82	-0.02	3.1
511	Bananai	1	1.65	0.95	0.05	0.7
512	Baragam	1.33	3.96	2.01	-0.68	1.95
513	Belaguntha 1	2.4	1.8	0.93	1.47	0.87
514	Berhampur 1	1.75	2	1.96	-0.21	0.04
515	Bhanjanagar-i	2.05	3.83	4.94	-2.89	-1.11
516	Bhanjanagar-ii	6.18	8.4	7.5	-1.32	0.9
517	Bhetnai	1.35	4.24	1.69	-0.34	2.55
518	Buguda 1	0.85	2.52	1.85	-1	0.67
519	Chadeiapalli Chhak	1.65	6.03	3.77	-2.12	2.26
520	Chamkahandi	1.35	4.2	3.68	-2.33	0.52
521	Chatrapur 1	2.05	4.18	2.6	-0.55	1.58
522	Chikiti	1.66	3.31	1.69	-0.03	1.62
523	Dadralunda	1	3.11	1.03	-0.03	2.08
524	Dharkote	0.59	2.19	0.56	0.03	1.63
525	Digapahandi 1			2.6		
526	Digapandi	1.35	1.78			
527	Dumdumi	1.65	4.35	1.78	-0.13	2.57
528	Gangapur	0.85	4.44			
529	Ganjam	1.1	2.7	2	-0.9	0.7
530	Gayagonda	2.07				
531	Gayagonda 1		8	4.77		3.23
532	Gobara	1.27	5.43	1.2	0.07	4.23
533	Golabandha	4.03	8.9	7.06	-3.03	1.84
534	Golanthara	2.9	5.78	3.75	-0.85	2.03

535	Gopalpur	1.4	2.15	1.4	0	0.75
536	Govindpur1	2.2	5.51	2.7	-0.5	2.81
537	Gudiali	0.7	6.06	1.75	-1.05	4.31
538	Hinjalapalli		4.53	0.96		3.57
539	Hinjlikatu	2.33	5.32	2.8	-0.47	2.52
540	Huma	0.27	1.55	0.5	-0.23	1.05
541	Hummuri	1.11	2.2	1.65	-0.54	0.55
542	Jagannathprasad	1.45	4.95	2.32	-0.87	2.63
543	Jakara	0.67	2.47	0.29	0.38	2.18
544	Jamuni	1.91	3.11	2.48	-0.57	0.63
545	Jarada1	0.45	2.45	1.64	-1.19	0.81
546	Jayantipur	0.63	7.23	1.23	-0.6	6
547	Jhadabhumi	1.3	5.49	4.02	-2.72	1.47
548	K.nuagan	3.45	3.7	0.64	2.81	3.06
549	K.s.nagar	0.85	4.45			
550	K.S.Nagar1			0.69		
551	Kalamb	1.8	6.86	2.36	-0.56	4.5
552	Kamappalli	1.88	3.07	1.6	0.28	1.47
553	Kanakia	1.48	6.19	5.11	-3.63	1.08
554	Karachuli	1.37	2.57	1.89	-0.52	0.68
555	Kendupadar	0.58	3.47	0.42	0.16	3.05
556	Khalikot	2.5	4.68	3.12	-0.62	1.56
557	Khandrabali	1.72	2.77	1.75	-0.03	1.02
558	Kodala	0.63	2.72	0.63	0	2.09
559	Koitra	1.63	2.86	1.8	-0.17	1.06
560	Konishi	1.13	5.92	2.32	-1.19	3.6
561	Kontaipalli 1		5.64	1.25		4.39
562	Korapalli	1.1	3.05			
563	Kukudahandi	1.11	4.2	1.68	-0.57	2.52
564	Lathi	1.1	4.03	1.37	-0.27	2.66
565	Lathipada	1.9	5.7	2.44	-0.54	3.26
566	Laxmipur1	1	5.95	1.7	-0.7	4.25
567	Mangalpur2	1.43	2.49	0.97	0.46	1.52
568	Mantridi	0.65	2.7	1.66	-1.01	1.04
569	Mujhagarh	4.32	5.95	5.07	-0.75	0.88
570	Mundamarai	0.45	1.23	0.35	0.1	0.88
571	Narendrapur	4.38	9.78	5.64	-1.26	4.14
572	Nuagaon2	1.07	2.87	1.5	-0.43	1.37
573	Nuapalli	3.05	2.95	1.34	1.71	1.61
574	Nunipada	1.02	5.84			
575	Patapur	2.6	7.89	3.42	-0.82	4.47

576	Patrapur 1	1.81	7.35	1.73	0.08	5.62
577	Phulata	1.15	6.35	1.2	-0.05	5.15
578	Pitamberpur	1.02	4.03	1.15	-0.13	2.88
579	Pochilima	2.25	3.88	2.4	-0.15	1.48
580	Poirasi	4.56	6	5.18	-0.62	0.82
581	Polasora		3.83	3.78		0.05
582	Pudamari	0.93	4.49	1.4	-0.47	3.09
583	Pudangi	0.95	3.61	0.95	0	2.66
584	Purusatampur	3.91	5.62	3.95	-0.04	1.67
585	Rambha	1.68	2.86	1.6	0.08	1.26
586	Ratanpur	1.35	3.79	1.71	-0.36	2.08
587	Roigam	2.08	3.48	2.37	-0.29	1.11
588	Saishamuli	5.28	6.85			
589	Saishamuli 1			4.32		
590	Sheragada 1	0.6	2.6	1.45	-0.85	1.15
591	Sorada		1.52	0.91		0.61
592	Subash Ch.Pur		7.64	4.25		3.39
593	Suramani	2.25	3.68	2.15	0.1	1.53
594	Surangi	1.55	3.68	2.48	-0.93	1.2
595	Surlaroad	2.68	7.54	4.32	-1.64	3.22
596	Tanganapalli	1.28	5.05			
597	Tanganapalli 1			2.3		
598	Tarasingi	4.25	9.07	6.69	-2.44	2.38
599	Tilisingi	3.23	5.51	3.64	-0.41	1.87
600	Turumu 1	1.79	2.75	2.02	-0.23	0.73

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Jagatsinghpur

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
601	Badapal	1.2	3.6	2	-0.8	1.6
602	Balarampur	1.3	2.8	1.9	-0.6	0.9
603	Balia Store	1.05	2.1	1.8	-0.75	0.3
604	Balikuda2	1.05	3	1.95	-0.9	1.05
605	Balituth	1.35	1.25	1.1	0.25	0.15
606	Bhutmundi	1				
607	Bhutmundi 1		2.6	1.5		1.1
608	Ersama2	2	3.6	2.15	-0.15	1.45
609	Gopinathpur	1.15		2.1	-0.95	
610	Govindpur	1.45	2.8	2	-0.55	0.8
611	Jagannathpur 1		3.7			
612	Kanakpur	1.2		2	-0.8	
613	Kujang	1.1	2.9	1.85	-0.75	1.05
614	Kumartota chak	1.1	3.24	1.8	-0.7	1.44
615	Machgaon	0.9	3.45	2.1	-1.2	1.35
616	Mukundpur	1.05	2.3	1.75	-0.7	0.55
617	Nausira	1.25				
618	Nuagaon		1	1.65		-0.65
619	Nuagaon2	1.25				
620	Nuapolbazar	1.3	2.3	1.6	-0.3	0.7
621	Paradeep	2.5				
622	Paradeepgarh 1	2.5	2	1.2	1.3	0.8
623	Raghunathpur	2		2.2	-0.2	
624	Sinharpur	1.2		2.15	-0.95	

Water Level Data/Fluctuation for the Specified Period

State ODISHA

District Jajapur

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
625	Ambasar	2.92	6.05	3.21	-0.29	2.84
626	Amnut Monohi	2.07	5.98	2.29	-0.22	3.69
627	Arkhapur	1.41		1.58	-0.17	
628	Balrampur	2.67	6.43	2.91	-0.24	3.52
629	Barchana	2.06	5.13	2.31	-0.25	2.82
630	Baruda	2.18		2.41	-0.23	
631	Chandeidhara	1.93	5.79	2.06	-0.13	3.73
632	Chandikhole	1.3	5.17	1.46	-0.16	3.71
633	Chhatia	2.28	4.87	2.44	-0.16	2.43
634	Chinguripal	2.38	6.42	2.6	-0.22	3.82
635	Danagadi-Ii	3.17	6.08	3.7	-0.53	2.38
636	Dankari		7.12	3.8		3.32
637	Darpani	1.68	6.92	2.51	-0.83	4.41
638	Dharmsala	1.27		1.48	-0.21	
639	Dubri	1.51	5.72	2.31	-0.8	3.41
640	Dubri-Ii	1.73	6.16	2.81	-1.08	3.35
641	Garamian	1.69	7.21	1.9	-0.21	5.31
642	Haridaspur	0.61	3.05	0.92	-0.31	2.13
643	Hatibari	1.28		1.42	-0.14	
644	Jajpur	1.41	5.78	1.81	-0.4	3.97
645	Jakhpura	2.47	7.08	2.69	-0.22	4.39
646	Jakhpura-Ii	3.12	7.89	3.4	-0.28	4.49
647	Jamjhari		8.38	3.67		4.71
648	Jhargadia		8.21	4.51		3.7
649	Kabatabandha	2.01	4.51	-2.5		
650	Kabirpur	1.51	6.71	1.81	-0.3	4.9
651	Kalarangi		7.12			
652	Kalarangi-Ii	1.81	7.48	2.13	-0.32	5.35
653	Kaliapani	2.41	7.31	2.71	-0.3	4.6
654	Khonedi	2.25		2.81	-0.56	
655	Kotagaon		6.67	4.58		2.09
656	Kuakhia	1.19		1.37	-0.18	

657	Madhupurgarh	2.31	7.12	2.7	-0.39	4.42
658	Mangalpur	1.27	6.38	2.12	-0.85	4.26
659	Neulpur	1.57				
660	Pankpal	2.51	7.28	2.81	-0.3	4.47
661	Phuljhore	2.18	7.58	2.25	-0.07	5.33
662	Pobala		6	3.71		2.29
663	Purunabavlamola	2.78	6.91	3.28	-0.5	3.63
664	Ragadi	1.41	8.03	2.13	-0.72	5.9
665	Ragadiposi		8.13	3.29		4.84
666	Ragedi 1	1.35	4.75	2.86	-1.51	1.89
667	Rampej	2.19	7.41	2.86	-0.67	4.55
668	Saruabil(nuasah	3.07		3.28	-0.21	
669	Senoi	3.43	6.28	2.26	1.17	4.02
670	Singpur	2.4		2.61	-0.21	
671	Sohupur	1.79	4.56	1.88	-0.09	2.68
672	Sukinda	1.81	5	2.51	-0.7	2.49
673	Sukinda-Ii	2.4	6.38			
674	Tolagarh	1.58	6.15			
675	Tomka		7.59			
676	Vyasnagar	2.03		2.2	-0.17	

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Jharsuguda

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
677	Badmal	1.75	4.85	2.35	-0.6	2.5
678	Belpahar	3.15	5.8	5.05	-1.9	0.75
679	Bhalupatra	2.85		3.2	-0.35	
680	Bhikhampali	2.65	4.45	3.15	-0.5	1.3
681	Brajrajnagar	5.35	9.1	6.05	-0.7	3.05
682	Dumerdihi	3.8		4.35	-0.55	
683	Jharsuguda I	4.45	7.1	5.25	-0.8	1.85
684	Katarbaga	1.65	3.1	1.85	-0.2	1.25
685	Kirimera	3.45	3.75	2.45	1	1.3
686	Laikera	2.55	5.15	2.95	-0.4	2.2
687	Lakhanpur	3.8	5.7	4.05	-0.25	1.65
688	Panchagaon	1.75	4.85	1.45	0.3	3.4
689	Sahaspur	2.05	5.05	2.9	-0.85	2.15
690	Singarpur	1.2	2.05	1.65	-0.45	0.4

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Kalahandi

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
691	Ampani	1.7	4.95	1.85	-0.15	3.1
692	Attanguda	2.1	3.92	1.74	0.36	2.18
693	Badbasul	3.25	4.4	3.5	-0.25	0.9
694	Baldiamal	1.52	1.8	1.62	-0.1	0.18
695	Bandigaon	2.25	2.3	2.1	0.15	0.2
696	Baner	2.35	3.35	2.92	-0.57	0.43
697	Bawanipatna	2.8		4.95	-2.15	
698	Bijamara	2.8	5.25	2.62	0.18	2.63
699	Biswanathppur	3.8	6.95	4.25	-0.45	2.7
700	Charbahal	2.7	4.65	2.65	0.05	2
701	Chiliguda	2.1				
702	Chiliguda 1		4.05	3.25		0.8
703	Dalguma	5.2		6.2	-1	
704	Daspur	3.62	5.2	3.2	0.42	2
705	Dharamgarh	3.81	7.65	3.95	-0.14	3.7
706	Golmunda		4.7	2.55		2.15
707	Gunupur	0.8	2.9	0.96	-0.16	1.94
708	Jaipatna	1.6	2.5	1.75	-0.15	0.75
709	Jaring	1.48		2.5	-1.02	
710	Junagarh 1	2.74	4.95	2.4	0.34	2.55
711	Jurakhman	1.9	6.8	5.75	-3.85	1.05
712	Kalampur	1.6	2	1.95	-0.35	0.05
713	Karlapada	2.92	5.9			
714	Kegaon	3.9	5.9	4.32	-0.42	1.58
715	Koksara	1.93	3.5	2.05	-0.12	1.45
716	Madanpur 1	4.95	7.85	4.8	0.15	3.05
717	Mahichala	1.8	1.4	1	0.8	0.4
718	Malgaon	1.3	3.8	1.78	-0.48	2.02
719	Moter	2.8	4.15	2.35	0.45	1.8
720	M-rampur	4.45	5.12	4.25	0.2	0.87
721	Mukhiguda	2.2	4.1	2.2	0	1.9
722	Narla	3.15	5.35	5.32	-2.17	0.03

723	Pastikudi I	3.1	6.35	3.65	-0.55	2.7
724	Pokaribandh	1.65	3.89	1.35	0.3	2.54
725	Risida	2.2	6.92	2.05	0.15	4.87
726	Santapur	4.2		5.55	-1.35	
727	Sargigora	5.58	8.12	6.61	-1.03	1.51
728	Sunamala	2.65	3.2	2.6	0.05	0.6
729	Tal Jaring	1.85	1.46	1.55	0.3	-0.09
730	Tulapada	0.85	2.42	0.86	-0.01	1.56
731	Tundala	2.7	5.1	2.85	-0.15	2.25

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Kendrapara

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
732	Aul(Ali)	1.4	3.4	2	-0.6	1.4
733	Chandibazar	1.05	2.05	1.7	-0.65	0.35
734	Chandola	0.95	2.1	1.5	-0.55	0.6
735	Chatua	1.15				
736	Dalbi	1.7	2.6	2.15	-0.45	0.45
737	Dobandha Mathha		2.8	2		0.8
738	Duhuria	1	3	1.6	-0.6	1.4
739	Gogua	1.4				
740	Hatia	1.55	3.9	2.15	-0.6	1.75
741	Jajanga	1.3	3.2	1.7	-0.4	1.5
742	Jamdhar	1.3	2.4	1.9	-0.6	0.5
743	Kajala	1.9	4.8	3	-1.1	1.8
744	Kasoti	0.95	2.9	1.8	-0.85	1.1
745	Kendrapara 1		4.25	3		1.25
746	Laxminarayanpur	1.45		2.85	-1.4	
747	Mahakalpara	1.35	1.6	1.2	0.15	0.4
748	Marshaghai	0.9				
749	Nikrai	1.35				
750	Nikrai 1		3.1	2		1.1
751	Patkura	1.25	3.2			
752	Pattamundai 1	1.6				
753	Pattamundai 3		3	1.8		1.2
754	Rajgarh	0.9	3	1.6	-0.7	1.4
755	Rajnagar		2.8	1.75		1.05
756	Rajnagar-R	1.35				
757	Ramnagar	1	2.45	1.8	-0.8	0.65
758	Shyamsundarpur	1	3.5	1.7	-0.7	1.8

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Kendujhar

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
759	Akul	1.38	4.83	1.42	-0.04	3.41
760	Anandapur	3.63	8.13	4.03	-0.4	4.1
761	Badaposhi	2.05	5.66	2.1	-0.05	3.56
762	Badbil	2.93	5.85	3	-0.07	2.85
763	Balaniposi	3.52	6.03	3.44	0.08	2.59
764	Balarampur	2.55	5.05	3.01	-0.46	2.04
765	Balduan-I	3.09	6	3.09	0	2.91
766	Balijhodi	4.4	6.11	4.41	-0.01	1.7
767	Banspal-Ii	4.63	8.09	4.82	-0.19	3.27
768	Baradevata	4.9				
769	Barbil	3.95	5.69	4.11	-0.16	1.58
770	Barpada	2.26	4.19	2.25	0.01	1.94
771	Baxibargaon	3.38		3.3	0.08	
772	Baxibarigan	3.22	4.99	3.16	0.06	1.83
773	Belbahali	3.15	6.36	3.11	0.04	3.25
774	Benamunda	3.1	6.67	3.19	-0.09	3.48
775	Bhadrasahi	4	6.18	4.46	-0.46	1.72
776	Bhagomunda	4.5	6.1	4.49	0.01	1.61
777	Bidyadharpur	4.64	6.24	4.4	0.24	1.84
778	Bimala	3.68	5.83	4.01	-0.33	1.82
779	Birgovindpur	4.05	6.35	4.12	-0.07	2.23
780	Burikapuri	3.58	6.22	3.88	-0.3	2.34
781	Champua	2.99	7.15	3.19	-0.2	3.96
782	DeoganI	3.02	5.1	3.26	-0.24	1.84
783	Dhangadiha	3.85	6.08	4.48	-0.63	1.6
784	Dhenkikot	3.19				
785	Dhenkikote		4.9	3.45		1.45
786	Gadadharpur	4.06	6.44	4.15	-0.09	2.29
787	Gajitangri	3.85	6.13	3.66	0.19	2.47
788	Ghasipur	5.82	7.35	5.74	0.08	1.61
789	Ghasipura pz		7.08	5.08		2

790	Ghatgaon	3.94	5.32	4.39	-0.45	0.93
791	Ghatgaon-I	3.09	5.16	4.03	-0.94	1.13
792	Gonasika	4.73	5.34	4.95	-0.22	0.39
793	Gopalpur2	3	4.76	3.09	-0.09	1.67
794	Guali	4.08	5.95	4.17	-0.09	1.78
795	Harichandanpur	2.8	6.46	3.01	-0.21	3.45
796	Harichandanpur-Ii		6.08	2.81		3.27
797	Haridagot	2.09	4.46	2.29	-0.2	2.17
798	Jagmohanpur	3.46	7.19	3.66	-0.2	3.53
799	Jagmohanpur-Ii	3.01	7.03	3.05	-0.04	3.98
800	Janghira	2.26	5.83	2.62	-0.36	3.21
801	Jaymangalpur	3.17	6.29	3.36	-0.19	2.93
802	Jhangira	2.54	5.3	2.44	0.1	2.86
803	Jhumpura	1.1	4.7	1.26	-0.16	3.44
804	Jhumpura-Ii	1.16	4.39	1.11	0.05	3.28
805	Joda	3.48	5.95	3.62	-0.14	2.33
806	Jodipada	3.11	6.92	3	0.11	3.92
807	Kaliahata	3.8	6.08	4.13	-0.33	1.95
808	Kanjipani	1.98	6.77	2.1	-0.12	4.67
809	Karanjia	2.25				
810	Karanjia 1	2.63	4.11	2.98	-0.35	1.13
811	Katalaposhi	2.3	6.12	2.51	-0.21	3.61
812	Kendeiposhi	4.01	4.68	4.14	-0.13	0.54
813	Keonjhar Sadar	4.33				
814	Keonjhargarh	4.88	7	4.9	-0.02	2.1
815	Kesurdapal	2.44	4.66	2.69	-0.25	1.97
816	Khiritangiri	4.1	8.25	4.42	-0.32	3.83
817	Khuntapada	3.93	6.11	4.13	-0.2	1.98
818	Kothaghar	1.94		2.13	-0.19	
819	Malliposi	2.85	5.42	3.06	-0.21	2.36
820	Mathadai	0.53	4.79	0.93	-0.4	3.86
821	Mathadai-Ii	0.69	5.37	0.7	-0.01	4.67
822	Melana	3.45	5.68	3.59	-0.14	2.09
823	Muktapur			3.93		
824	Nalda2	4.18		5.13	-0.95	
825	Naranpur	3.69	7.15	4.02	-0.33	3.13
826	Nuagaon	3.28	6.58	3.35	-0.07	3.23
827	Nuasahi	1.27	6.04	1.51	-0.24	4.53
828	Padampur2	3.2		3.66	-0.46	
829	Padampur-Ii	3.03	8.27	3.18	-0.15	5.09
830	Padang	2.6	5.95	2.81	-0.21	3.14

831	Palasponga	2.11	4.72	2.51	-0.4	2.21
832	Parsora	2	6.18	2.13	-0.13	4.05
833	Patakhali	2.24		2.68	-0.44	
834	Patilo	3.61	6.1	3.46	0.15	2.64
835	Pipilia1	2.42	5.6	2.28	0.14	3.32
836	Pitanali	4.96	7.55	5.17	-0.21	2.38
837	Rugudi	3.85	7.34	4.11	-0.26	3.23
838	Rugudi 1	4.06	6.97	4.78	-0.72	2.19
839	Saharpara	2.83	6.15	3.31	-0.48	2.84
840	Sainkula	3.09	7.19	3.15	-0.06	4.04
841	Sasang	2.29	5.71	2.46	-0.17	3.25
842	Sonapent	3.21	4.98	3.3	-0.09	1.68
843	Suakati	3.16	6.5	3.5	-0.34	3
844	Swampatna	4.01	4.92	4.34	-0.33	0.58
845	Swampatna-Ii	3.89	4.56	3.97	-0.08	0.59
846	Tangarpada	2.09	4	2.18	-0.09	1.82
847	Telkoi	4.08	7.66	4.19	-0.11	3.47
848	Turmunga	2.87	6.16	3.05	-0.18	3.11
849	Udaipur	3.55	5.19	3.85	-0.3	1.34
850	Udaipur-Ii	3.76	5	3.13	0.63	1.87
851	Ukunta	3.04		4	-0.96	

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Khorda

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
852	B-01 Nathapur	1.55	3.5	1.6	-0.05	1.9
853	B-02 Samantarapur	0.4	0.6	0.5	-0.1	0.1
854	B-03 Garage Chhak	0.45	0.4	0.4	0.05	0
855	B-04 Lingaraj Temple	6.9	7.35	7.2	-0.3	0.15
856	B-05 Rath Road	0.4	1.5	1	-0.6	0.5
857	B-06 Purnama Gate	6.25	7.6	7.1	-0.85	0.5
858	B-07 Bapuji Nagar	1.75	2.16	2.2	-0.45	-0.04
859	B-09 Tankapani Road	3.45	4.2	4	-0.55	0.2
860	B-12 Laxmi Sagar	3.65	5	5.2	-1.55	-0.2
861	B-14 Rasulgarh	0.2	1.2	0.3	-0.1	0.9
862	B-15 Bomikhal	4.45	5.95	5.55	-1.1	0.4
863	B-17 Satya Nagar	2.65	4.45	3.9	-1.25	0.55
864	B-19 Palasuni Village	0.55	0.7	0.5	0.05	0.2
865	B-20 Palasuni (NH-5)	0.35	3.75	0.2	0.15	3.55
866	B-21 Haridaspur	1.25	4.3	2.45	-1.2	1.85
867	B-22 Mancheswar	1.75	5.75	2.5	-0.75	3.25
868	B-24 Acharya Vihar	1.35	1.9	1.6	-0.25	0.3
869	B-25 Sainik School	5.45	5.95	6.05	-0.6	-0.1
870	B-26 Gadakana	5.2	6.9	5.9	-0.7	1
871	B-27 Patia	1.6	2.5	1.8	-0.2	0.7
872	B-28 Nayapalli (May Fair)	1.12	1.6			
873	B-29 Ekamra Villa	1.05	2.7	2.05	-1	0.65
874	B-30 Jaydev Vihar	2.12	3.38	3	-0.88	0.38
875	B-31 Unit-9	2.3	2.45	2.35	-0.05	0.1
876	B-32 Madhusudan Nagar	4.8		6.2	-1.4	
877	B-33 Unit-4	4.15	6.6	5.3	-1.15	1.3
878	B-34 Ganga Nagar	4.85	5.65	6	-1.15	-0.35
879	B-35 Unit-6	3.85	6.45	5.45	-1.6	1
880	B-36 Unit-1	6.3				
881	B-37 OUAT	1.8	2.9	2.2	-0.4	0.7

882	B-38 Bhimpur	1.65	2.45	2.15	-0.5	0.3
883	B-39 Bhimatangi	2.45	8	3.8	-1.35	4.2
884	B-40 Kapilaprasad	1.5	2.4	1.6	-0.1	0.8
885	B-41 Pokhariput	5	6	5.3	-0.3	0.7
886	B-42 Kargil Basti	3.7	6.5	4.9	-1.2	1.6
887	B-43 Gandamunda	4.7	6.95	6.9	-2.2	0.05
888	B-44 Baramunda	0.5	1.5	1	-0.5	0.5
889	B-45 Delta Square	6.1	8.1	7	-0.9	1.1
890	B-46 Nuapalli	4.2	9.1	7.45	-3.25	1.65
891	B-47 Ghatikia	5.37	7.45	8.25	-2.88	-0.8
892	B-48 Dumuduma	4.8	6	5.7	-0.9	0.3
893	B-50 Janla		6.1	6.01		0.09
894	B-51 DAV (Unit-8)	1.4	3.5	3.85	-2.45	-0.35
895	Baghmari	1.7	5.9	3.2	-1.5	2.7
896	Balakati	1.1	1.7	1.5	-0.4	0.2
897	Balipatna	1.7	2.6	2	-0.3	0.6
898	Balugaon	1.9	1.25	1.7	0.2	-0.45
899	Begunia	1.5	6.6	3.5	-2	3.1
900	Bhubaneswar-i	2.7	5.5	5.3	-2.6	0.2
901	Bhusundapur	3.5	8.7	5.4	-1.9	3.3
902	Bolagarh	3.2	10	4.7	-1.5	5.3
903	Budhapada	1.6	2.8	2.3	-0.7	0.5
904	Chandaka	1.2	3.1	2.7	-1.5	0.4
905	Gobindpur	1.9	3.3	1.2	0.7	2.1
906	Jankia	2.15	2.6	2.3	-0.15	0.3
907	Janla	3.1	8.3	6.15	-3.05	2.15
908	Jatni	4.05				
909	Jatni I		11.4	8.2		3.2
910	Jayamangal	3.6	8.15	6.15	-2.55	2
911	Kapilaprasad	3.35	7.7	5.3	-1.95	2.4
912	Khandagiri	8.7	9	9.2	-0.5	-0.2
913	Khurda	3.9	8.4	4.7	-0.8	3.7
914	Khurda Industrial Area	5	1.3	5.9	-0.9	-4.6
915	Kuha	2.85	7.5	4.4	-1.55	3.1
916	Kundaiderapatna	1.45		2.5	-1.05	
917	Menthasala	1.25	2.4	2	-0.75	0.4
918	Nirakarpur	3.7	7.6	5.1	-1.4	2.5
919	Niranjanpur	1.7	4.3	3.35	-1.65	0.95
920	Odakhanda-DW	2.6	3.9	4.1	-1.5	-0.2
921	Padanpur	3	4.8	3.6	-0.6	1.2
922	Panikata	1.25	2.1	1.75	-0.5	0.35

923	Patia	2.25	5.1	4.6	-2.35	0.5
924	Pichkuli	1.45	7	3.8	-2.35	3.2
925	Raghunathpur	1.3	2.2	1.85	-0.55	0.35
926	Sandhapur	3.45	6.9	5.8	-2.35	1.1
927	Sarua	1.2	8.3	2.9	-1.7	5.4
928	Sundarpada	2.4	4	3.9	-1.5	0.1
929	Tamando	1.7	5.01	3.25	-1.55	1.76
930	Tangi2	6.1	12.5	8.85	-2.75	3.65

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Koraput

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
931	Ambaguda1	3.7	5.1	4	-0.3	1.1
932	Anta	2	3.6	1.75	0.25	1.85
933	Baipariguda	3.7	7.5	4.6	-0.9	2.9
934	Bajiguda	4.9	6.75	5.45	-0.55	1.3
935	Balia	0.25	1.75	0.25	0	1.5
936	Bangalaguda	3.8	5.1	4	-0.2	1.1
937	Bheja 1		3.95	3.2		0.75
938	Bijapur	1.2	3.95	1.25	-0.05	2.7
939	Boriguma	2.15	8.35	2.45	-0.3	5.9
940	C.kusimi-i	2.2	5.8	3.4	-1.2	2.4
941	Chandli	0.45	3.2	0.5	-0.05	2.7
942	Chingudichuan	3.7	3.7	3.75	-0.05	-0.05
943	C-kusumi-ii	2.55	4.3	3	-0.45	1.3
944	Damanahandi	0.9	1.05	1.15	-0.25	-0.1
945	Dasmanthapur	1.95	3.75	2	-0.05	1.75
946	Deoghati	3.45	6.15	4.25	-0.8	1.9
947	Dhaulapur	5.5	8.8	5.8	-0.3	3
948	Doraguda	5.25	7.25	5.9	-0.65	1.35
949	Dumuriput	6.9	9.6	7.6	-0.7	2
950	Ghatarala	2.4	1.55	2.2	0.2	-0.65
951	Gumur	3.05	3.35	3.2	-0.15	0.15
952	Jayantigiri	2	4.4	2.9	-0.9	1.5
953	Jeypore1	5.05	8.55	5.5	-0.45	3.05
954	Jujari	1.7	2.4	2.3	-0.6	0.1
955	Kakriguma	11.5	12	11.65	-0.15	0.35
956	Kantarkhal	2.5				
957	Kantarkhal 1		3.4	2.35		1.05
958	Kenduguda	0.9	0.7	0.7	0.2	0
959	Khaliaguda	1.55	1.3	1.4	0.15	-0.1
960	Konga	3.5	3.1	3.3	0.2	-0.2
961	Koraput-i	6.9	10.8	7.5	-0.6	3.3

962	Koraput-ii	2.95		3	-0.05	
963	Kotpad	0.95	2.4	0.8	0.15	1.6
964	Kunduli	3.25	5.75	3.9	-0.65	1.85
965	Kusumguda	6.6	7.4	6.3	0.3	1.1
966	Lamtaput	4.9	9.7	6.3	-1.4	3.4
967	Laxmipur1	9.55	10.15	9.45	0.1	0.7
968	Mandalguda Colony	6.8	8.5	7.8	-1	0.7
969	Miriguda	2.6	5.35	3.9	-1.3	1.45
970	Mundaguda	4.6	7.6	4.9	-0.3	2.7
971	Nandapur	2.8	4.45	3.25	-0.45	1.2
972	Panasaputbagh	1.8	1.3	0.8	1	0.5
973	Panchada	7.4	8.3	7.4	0	0.9
974	Patraput	2.7	6.4	4.05	-1.35	2.35
975	Pitaguda	11.5	13.1	13.2	-1.7	-0.1
976	Podagada		5.35	6.95		-1.6
977	Potangi	3.2	5.3	3.7	-0.5	1.6
978	Ramgiri		4.7			
979	Ramgiri1	1.1		0.75	0.35	
980	Sasanhandi-ii	1.5	1.2	1.4	0.1	-0.2
981	Satsimile	7.55	7.65	7.55	0	0.1
982	Similiguda1	3.65	4.85	4.25	-0.6	0.6
983	Soguru	6.17	8.77	6.97	-0.8	1.8
984	Subai	5.2	8.3	7.7	-2.5	0.6
985	Tanginiguda	2.1	4.1	2.8	-0.7	1.3
986	Tikaguda	2.65		2.75	-0.1	
987	Umeri1	3.15	6.55	4.45	-1.3	2.1

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Malkangiri

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
988	Balimela	1.9	2	1.3	0.6	0.7
989	Bejaguda	3.9	8.25	4.2	-0.3	4.05
990	Chitapari	1.45	4.75	2.55	-1.1	2.2
991	Govindpali	3.9				
992	Govindpali 1		6.5	4.3		2.2
993	Katameta	1.05	3.9	1	0.05	2.9
994	Khairput 1	1.75	3.55	1.85	-0.1	1.7
995	Korukonda2	2.2	2.7			
996	Kudumuluguma 1	1.35	2.95	1.6	-0.25	1.35
997	Kumbharguda	1.05	2.75	1.25	-0.2	1.5
998	M.V 37		3.2	2.2		1
999	M.V.7	2.45	8.89	2.35	0.1	6.54
1,000	M.V.9	1.3	7.9	2.1	-0.8	5.8
1,001	M.V1- 19		1.25	2.3		-1.05
1,002	Maithili 1	1.2	3.8	1.5	-0.3	2.3
1,003	Malkangiri 1	1.15	3.7	0.75	0.4	2.95
1,004	Mundiguda	1.3	3.3	2	-0.7	1.3
1,005	Parkannala	1.7	5.7	3.5	-1.8	2.2
1,006	Pongam	2.65	6.6	2.9	-0.25	3.7
1,007	Sindhimal	1	4.95	1.5	-0.5	3.45
1,008	Somnathpur	2.5				
1,009	Somnathpur 1		1.4	2.4		-1

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,010	Amarda village	2.61	4.88	2.33	0.28	2.55
1,011	Ambadiha	3.58	5.05	3.66	-0.08	1.39
1,012	Asanbani	3.47	5.83	3.61	-0.14	2.22
1,013	Badampahad-1	5.18	9.88	5.9	-0.72	3.98
1,014	Badasahi	2.36	4.6	2.66	-0.3	1.94
1,015	Bademtolia	5.77	5.8	5.08	0.69	0.72
1,016	Bagra	2.86	7.32	3.09	-0.23	4.23
1,017	Bahalda	2.98	6.13	3.29	-0.31	2.84
1,018	Bahalda Road(kona)	2.71		3.08	-0.37	
1,019	Baidipur	2.13		2.25	-0.12	
1,020	Baienchidiha	4.66				
1,021	Bangriposi	5.56	8.89	5.87	-0.31	3.02
1,022	Baripada	9.19	14.5	9.88	-0.69	4.62
1,023	Bedhakudar	3.08	6.75	3.19	-0.11	3.56
1,024	Begna	4.91	7.55	5.18	-0.27	2.37
1,025	Belam	3.85	6.13	3.74	0.11	2.39
1,026	Betanoti	2.65	5.96	2.48	0.17	3.48
1,027	Bhatachhatra	2.26	5.65	2.39	-0.13	3.26
1,028	Bisoi	4.19	10.22	4.07	0.12	6.15
1,029	Brundabanchan	3.88	6.88	3.7	0.18	3.18
1,030	Chadheibhol	2	5.72	2.43	-0.43	3.29
1,031	Champajhar	2.09	5.09	2.27	-0.18	2.82
1,032	Champrai	2.18	5.52	2.73	-0.55	2.79
1,033	Chandanpur	3.21	6.44	3.2	0.01	3.24
1,034	Chitrada	4.08	6.28	4.17	-0.09	2.11
1,035	Dari	2.96	6.02	3.16	-0.2	2.86
1,036	Devsol	3.01	6.65	3.09	-0.08	3.56
1,037	Dhanpur	2.82	5.82	3.21	-0.39	2.61
1,038	Dukura	2.73	7.33	2.58	0.15	4.75
1,039	Gambharia	2.56	5.52	3.22	-0.66	2.3
1,040	Gorumahisani	3.18	9.65	3.98	-0.8	5.67
1,041	Hatjori	1.8	5.78	2.18	-0.38	3.6
1,042	Indupur	2.93	5.97	3.16	-0.23	2.81
1,043	Itighar	3.02	6.8	3.64	-0.62	3.16
1,044	Jamda	3.19	6.62	3.35	-0.16	3.27

1,045	Jamsola	3.97	8.11	5.73	-1.76	2.38
1,046	Jamukeswar	2.81		2.7	0.11	
1,047	Jaonirdiha	3.19		3.49	-0.3	
1,048	Jharpokhari	2.54	7.41	3.13	-0.59	4.28
1,049	Jhunkapal	3.82	8.68	4.11	-0.29	4.57
1,050	Joshipur	1.85	5.88	2.3	-0.45	3.58
1,051	Karanjei-Bijatola Chhak	2.37	4.95	2.44	-0.07	2.51
1,052	Karanjia2	4.68	7.84	4.82	-0.14	3.02
1,053	Kendujani	3.77	5.8	3.89	-0.12	1.91
1,054	Kendumundi	2.84	4.72	3	-0.16	1.72
1,055	Kherna	1.9	8.06	2.09	-0.19	5.97
1,056	Khiching	3.08	7.26	3.17	-0.09	4.09
1,057	Khunta	3.02	6.65	3.15	-0.13	3.5
1,058	Kostha	3.74	7.11	4.13	-0.39	2.98
1,059	Krishnachandrap	4.11	6.15	4.38	-0.27	1.77
1,060	Kuchei	2.81	3.18	-0.37		
1,061	Kuliana	3.21	6.91	3.65	-0.44	3.26
1,062	Mahuldia	2.79	6.92	3.6	-0.81	3.32
1,063	Mananda	4.19	7.32	4.53	-0.34	2.79
1,064	Manda	2.39	5.8	2.88	-0.49	2.92
1,065	Matigarh	2.33	5.76	3.46	-1.13	2.3
1,066	Moranda	3.69	6.92	4.08	-0.39	2.84
1,067	Nada	4.42	7.48	4.92	-0.5	2.56
1,068	Naujara	3.29	7.76	3.75	-0.46	4.01
1,069	Nechuapada	3.65	6.86	4.08	-0.43	2.78
1,070	Niranjan	3.19	7.06	4.96	-1.77	2.1
1,071	Nischintapur	4.36	8.13	4.67	-0.31	3.46
1,072	Padampur	3.46		3.76	-0.3	
1,073	Pandaguni	3.18	7.01	3.09	0.09	3.92
1,074	Pathuri	3.46	7.85	4.1	-0.64	3.75
1,075	Pithabata	5.1	13.25	5.57	-0.47	7.68
1,076	Poilakunda	3.09	7	3.43	-0.34	3.57
1,077	Poradiha			3.84		
1,078	Rairangpur	2.19	7.72	3.28	-1.09	4.44
1,079	Rajabasa	3.35	9.11	3.53	-0.18	5.58
1,080	Raruan	3.01	5.78	4.06	-1.05	1.72
1,081	Rashgovindpur	3.48	5.16	3.5	-0.02	1.66
1,082	Saraskona	3.61	4.13	-0.52		
1,083	Sarat	2.05	4.88	3	-0.95	1.88
1,084	Satkosia	3.12	5.77	3.62	-0.5	2.15
1,085	Shamakunta	3.88	6.13	4.21	-0.33	1.92

1,086	Similibandh	3.02		3.38	-0.36	
1,087	Sullyapada	3.01	7.19	3.16	-0.15	4.03
1,088	Taramara	2.66	7.99	3	-0.34	4.99
1,089	Tato	7.19	7.9	7.02	0.17	0.88
1,090	Thakurmunda	3.25	7.62	3.9	-0.65	3.72
1,091	Tiring	2.01	6.68	3.49	-1.48	3.19
1,092	Tongabila Chhak	3.9	6.99	3.76	0.14	3.23
1,093	Udala	3.21	6.38	3.48	-0.27	2.9

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Nabarangpur

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,094	Anchalguma1	1.95	4.25	2.55	-0.6	1.7
1,095	Baheda	1.9		2.05	-0.15	
1,096	Baksaguda	4.2	6.3	4.5	-0.3	1.8
1,097	Dadia-Majhiguda	2.6	5.5	3.15	-0.55	2.35
1,098	Daibata	4.5	7.5	5.1	-0.6	2.4
1,099	Debugaon	2.2		1.75	0.45	
1,100	Dengaguda	4.1	5.4	3.95	0.15	1.45
1,101	Digi	2	3.8	2.3	-0.3	1.5
1,102	Dondasora	0.62		0.95	-0.33	
1,103	Fufugaon	2.3	4.35	2.55	-0.25	1.8
1,104	Jharigan	1.9	4.4	2.35	-0.45	2.05
1,105	Karchamal	3.7	9	4.9	-1.2	4.1
1,106	Kodinga	2.55	5.45	2.95	-0.4	2.5
1,107	Kosagumunda	3.7	4.2	3.7	0	0.5
1,108	Kurlaghati	2.35	3.7	2.85	-0.5	0.85
1,109	Maidalpur1	1.55	6.55	1.55	0	5
1,110	Nandahandi	2.7	4	2.8	-0.1	1.2
1,111	Nowrangpur	1.6				
1,112	Nowrangpur 1		2.3	1.7	0.6	
1,113	Papadahandi 1	5.2	7	6.4	-1.2	0.6
1,114	Rangamatiguda	5.4	10	6.1	-0.7	3.9
1,115	Sagarmunda	3.7	2.3	1.4		
1,116	Sonamasigan	1.45	2.15	-0.7		
1,117	Tentulikunti	1.95				
1,118	Tentulikunti 1		3.8	2.55		1.25
1,119	Umarmot	0.5	4.25	0.52	-0.02	3.73

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Nayagarh

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,120	Andhar Kuttu		4.22	3.25		0.97
1,121	Arakata	2.76	4.9	4	-1.24	0.9
1,122	Balisahi	2.7	4.9	4.3	-1.6	0.6
1,123	Banigocha	1.3	9.18	6.7	-5.4	2.48
1,124	Bhapur I	2.8	6.51	3.18	-0.38	3.33
1,125	Bherupada	1.65	8.85	3.2	-1.55	5.65
1,126	Darpa-Narayanpur	0.7	4.52	2.65	-1.95	1.87
1,127	Daspalla Market	1.35	2.12	2.03	-0.68	0.09
1,128	Daspalla-i	4.74	7.2	6.4	-1.66	0.8
1,129	Dukhabali	4.79	5.12	7.05	-2.26	-1.93
1,130	Durga Prasad	3.7	7.5	4.09	-0.39	3.41
1,131	Etamati	1.1	3.65	2.28	-1.18	1.37
1,132	Gamasalia (Nuasai)	2.41	4.3	4.25	-1.84	0.05
1,133	Gania	3.15	6.65	4.1	-0.95	2.55
1,134	Gasisevipur		6.05	2.35		3.7
1,135	Ghholahandi	2.55	6.01	4.35	-1.8	1.66
1,136	Gotisahi	1.7	4.5	3.51	-1.81	0.99
1,137	Hataduar		4.55	3.65		0.9
1,138	Jhada Gadia	2.8	5.9	4.4	-1.6	1.5
1,139	Jogibandh	1.2	4.05	2.75	-1.55	1.3
1,140	Kalyanpur	1.45	5.24	3.9	-2.45	1.34
1,141	Kana Singhi	1.01	2.5	1.85	-0.84	0.65
1,142	Kandapara	2.23	9.32	2.23	0	7.09
1,143	Kantilo	0.16	1.3	0.95	-0.79	0.35
1,144	Kholisara	2.9	4.65	3.01	-0.11	1.64
1,145	Kishore Prasad	2.47	6.66	5.3	-2.83	1.36
1,146	Koilama	1.32	9.5	6.4	-5.08	3.1
1,147	Krishnapalli		3.95	4.55		-0.6
1,148	Kuaria	0.9	3.45	2.23	-1.33	1.22
1,149	Kuluru Kumpa	0.95	2.4	2.25	-1.3	0.15

1,150	Kumbharpara	1.9	5.65			
1,151	Madhyakhand 2		3.52	3.1	0.42	
1,152	Mahipur	2.37	4.44	3.5	-1.13	0.94
1,153	Nayagarh	0.2	3.5	3.05	-2.85	0.45
1,154	Nayagarh 3		1.85	1.95		-0.1
1,155	Nuabausabati	2.55	4.51	2.32	0.23	2.19
1,156	Nuagaon1	3.55	5.33	4.95	-1.4	0.38
1,157	Odagaon	3.33	5.12	3.4	-0.07	1.72
1,158	Purusottampur	1.27	4.41	3.95	-2.68	0.46
1,159	Rangamatia	3.38	7.15	6.88	-3.5	0.27
1,160	Ranpur 1	3.29	6.15	4.62	-1.33	1.53
1,161	Sapada	1.76	7.4	5.9	-4.14	1.5
1,162	Sarak Sahi	2.1	4.2	3.65	-1.55	0.55
1,163	Sarankul	1.95	4.59	3.6	-1.65	0.99
1,164	Solopata	1.12	5.32	3.9	-2.78	1.42
1,165	Subalaya	0.87	5.52	4.05	-3.18	1.47
1,166	Takara	3.62	2.7	5.8	-2.18	-3.1

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Nuapada

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,167	Bargaon-k	3.02	6.2	4.85	-1.83	1.35
1,168	Boden	1.55	3.3	1.12	0.43	2.18
1,169	Darlimunda	1.55	3.6	2.31	-0.76	1.29
1,170	Deobahal	1.65	3.7	3.1	-1.45	0.6
1,171	Godphula	3.45	6.35	4.07	-0.62	2.28
1,172	Gotama		4.55	2.7		1.85
1,173	Junani	2.8	5.45	3.7	-0.9	1.75
1,174	Kalyanpur		4.87	3.31		1.56
1,175	Khariar	3.92	8.95	6.5	-2.58	2.45
1,176	Khudpej	3.6	5.25	3.55	0.05	1.7
1,177	Komnal	3.75	6.02	4.75	-1	1.27
1,178	Lachhipur	0.82	2.45	1.62	-0.8	0.83
1,179	Loharapalli	1.8	2.9	1.95	-0.15	0.95
1,180	Nawapara	5.4		6.84	-1.44	
1,181	Nilji	5.25	6.75	5.55	-0.3	1.2
1,182	Padampur	1.8	4.54	2.9	-1.1	1.64
1,183	Patparpali		3.55	2.05		1.5
1,184	Ranipur	2.85	5.6	4.9	-2.05	0.7
1,185	Sahipala	2.2	2.2	2.35	-0.15	-0.15
1,186	Saipala	5.4	6.65			
1,187	Sanmaheswar	3.05	5.86	4.5	-1.45	1.36
1,188	Sirthol	3.25		3.1	0.15	
1,189	Somarsingh	2.19	7.08	7.25	-5.06	-0.17
1,190	Tarbod	2.11	4.57	2.39	-0.28	2.18
1,191	Tukla	1.5	0.85	0.95	0.55	-0.1

Water Level Data/Fluctuation for the Specified Period

State ODISHA

District Puri

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,192	Algum	1.6	3.7	2.45	-0.85	1.25
1,193	Alipada	1.7	3.1	2.3	-0.6	0.8
1,194	Astarang	1.85	4.1	3.15	-1.3	0.95
1,195	Balanga	1.55	3.5	2.95	-1.4	0.55
1,196	Baleshwarpatna	0.95	1.8	1.25	-0.3	0.55
1,197	Balighai	1.1	2.8	1.95	-0.85	0.85
1,198	Baliguari	0.8	1.2	1	-0.2	0.2
1,199	Bantalsingh	1.9		4.04	-2.14	
1,200	Batagaon	2.3				
1,201	Beraboi	1.6				
1,202	Bhanti	2		3.15	-1.15	
1,203	Biragobind	1.75				
1,204	Birapratappur	2.35	2.8	2.5	-0.15	0.3
1,205	Brahmagiri	1.3	3.15	2	-0.7	1.15
1,206	Budhiabar	1.35	2.4	2	-0.65	0.4
1,207	Burhapara	1.05		1.9	-0.85	
1,208	Chandanpur	3	5.4	4	-1	1.4
1,209	Charichhak	2.4	4.7	4	-1.6	0.7
1,210	Chhanijanga	3		4.95	-1.95	
1,211	Dandamukundpur	2.15	4.9	3.95	-1.8	0.95
1,212	Delang	1.25	1.9	1.7	-0.45	0.2
1,213	Dhaulti	5.6		7.15	-1.55	
1,214	Garapada	2.4	5	3.9	-1.5	1.1
1,215	Girala	1.6	2.8	1.9	-0.3	0.9
1,216	Gokhara	1.6	1.9	1.4	0.2	0.5
1,217	Gop	4.05	5.9	5.05	-1	0.85
1,218	Gopinathpur1	1.65	3.1	2.15	-0.5	0.95
1,219	Juinti	2.9	4.2	3.8	-0.9	0.4
1,220	Kadua	2		2.85	-0.85	
1,221	Kakatpur	1.7	3.5	3	-1.3	0.5
1,222	Konark 1	2.15	3.7	3.1	-0.95	0.6

1,223	Kumareswar	0.9	3.5	3.15	-2.25	0.35
1,224	Madrang	1.2	3.9	2.15	-0.95	1.75
1,225	Mahapur	0.95		2.1	-1.15	
1,226	Mangalpur	0.9		2.2	-1.3	
1,227	Marad	1.6	1.5	2	-0.4	-0.5
1,228	Maunimatha	1.3	2	3.1	-1.8	-1.1
1,229	Moradpada	2.2				
1,230	Nimapara	3.3	5.3	-2		
1,231	Nuasamsarpur	2.05	3.2	2.9	-0.85	0.3
1,232	P-01 Krupa Sindura Patna	2.82	3.74	2.76	0.06	0.98
1,233	P-02 Matiapada	2.07	3.29	2.6	-0.53	0.69
1,234	P-03 Police Lane	0.71	1.49	0.83	-0.12	0.66
1,235	P-04 Marine Parade Lane	2.54	3.57			
1,236	P-05 Kusuni Khuntia	1.82	2.39	1.67	0.15	0.72
1,237	P-06 Chhapana Chhak	0.78	1.95	1.5	-0.72	0.45
1,238	P-07 Gauda Bada Sahi	2.76	4.2	4.68	-1.92	-0.48
1,239	P-09 VIP Colony	0.89	3.15	2.19	-1.3	0.96
1,240	P-10 Rly Station Bazar	0.39		1.31	-0.92	
1,241	P-11 Sadar Block Colony	1.45	3.66	2.68	-1.23	0.98
1,242	P-12 ITI Chhak	2.34	3.26	3.41	-1.07	-0.15
1,243	P-13 Shree Vihar Mangal Pat	4.95	6.36	5.45	-0.5	0.91
1,244	P-16 Narendra Kona	1.04	1.81			
1,245	P-18 Tota Sahi	1.91	3.97	2.51	-0.6	1.46
1,246	P-19 Kashi Jagannathpur	3.11				
1,247	P-21 Sriram Talkies Chhak	0.82	0.19	0.63		
1,248	P-22 Talabania	0.91	1.98	0.76	0.15	1.22
1,249	P-23 Hara Gouri Sahi	2.51	1.49	2.46	0.05	-0.97
1,250	P-24 Balagandi	3.44	4.2	3.69	-0.25	0.51
1,251	P-27 Dutta Tota	2.2	3.81	2.95	-0.75	0.86
1,252	P-31 Sweta Ganga	2.45	4.69	4.71	-2.26	-0.02
1,253	P-32 Gobardhan Matha	3.04	4.6	3.95	-0.91	0.65
1,254	P-33 Sorbodaya Nagar	1.49	2.93	1.84	-0.35	1.09
1,255	P-34 Sidha Mahavir	1.47	2.09	1.22	0.25	0.87
1,256	P-35 Indira Mark Colony	4.67	4.78	3.43	1.24	1.35
1,257	P-36 Kumbharapada	2.31	3.01	2.3	0.01	0.71
1,258	P-37 Jagannatha Ballava Math	0.67	2.01	2.01	-1.34	0
1,259	P-38 Gosala	6.83	7.13	6.2	0.63	0.93
1,260	P-39 Athara Nala	0.63	1.42	0.75	-0.12	0.67
1,261	P-41 Grand Road	3.51	3.8	3.15	0.36	0.65
1,262	P-42 Balighat	0.29	1.8	0.98	-0.69	0.82

1,263	P-43 Dola Mandap Sahi	5.36	8.44	8.47	-3.11	-0.03
1,264	P-44 Jagannath Ttemple			6.41		
1,265	P-45 Balipur			2.16		
1,266	Pipli	2.3	4.1	4	-1.7	0.1
1,267	Pratapramchandr	1.9		2.9	-1	
1,268	Puri town	1.85	2.1	2.15	-0.3	-0.05
1,269	Ramchandi	5	6.2	5.7	-0.7	0.5
1,270	Rebana nuagaon	1.55	2.8	1.85	-0.3	0.95
1,271	Sadanandapur	1.45	1.7	2	-0.55	-0.3
1,272	Sakhigopal	1.4	2	3	-1.6	-1
1,273	Satpada	2.6	4.15	-1.55		
1,274	Siula	2				
1,275	Tikarpara1	1.85	3.1	2.8	-0.95	0.3
1,276	Totasahi	1.95	3.8	2.3	-0.35	1.5
1,277	Tulasichoura-Malatipatapur	1.6	2.1	2.4	-0.8	-0.3
1,278	Uansdiha	1.7	2.9	2.35	-0.65	0.55

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Rayagada

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,279	Akhusingi	2.65	1.55	1.4	1.25	0.15
1,280	Ambadola	6.8	8.2	6.45	0.35	1.75
1,281	Bangi Chowk	2	5.4	2.9	-0.9	2.5
1,282	Dambasara	1.5	1.75	1.85	-0.35	-0.1
1,283	Gorakhpur	4.05	3.15	4.15	-0.1	-1
1,284	Gumda	1.7	2.7	1.85	-0.15	0.85
1,285	Gumma	1.75	1.9	1.85	-0.1	0.05
1,286	Gunupur1	1.2	4.4	2.6	-1.4	1.8
1,287	Kaliapada	3.2	3.35	3.5	-0.3	-0.15
1,288	Kashipur	9.3	11.65	9.35	-0.05	2.3
1,289	Kenduguda	1.3	4.3	3.45	-2.15	0.85
1,290	Kodapadu	5.2	6.45	6.3	-1.1	0.15
1,291	Mukundpur	2.75	4.95	4.6	-1.85	0.35
1,292	Narainpur	1.25	4.2	2.05	-0.8	2.15
1,293	Nua Dakasikula	0.8	2.5	0.8	0	1.7
1,294	Padampur2		1.65	1.55		0.1
1,295	Ramnaguda2	1.55	5.1	2.5	-0.95	2.6
1,296	Shirikona	4.7	6.6	6.3	-1.6	0.3
1,297	Tandikana	1.3	3	2	-0.7	1
1,298	Therabali	4.6	2.1	9.4	-4.8	-7.3

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Sambalpur

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,299	Amlipani	4.75	8.3	5.9	-1.15	2.4
1,300	Badarama	3.85	6.3	4.45	-0.6	1.85
1,301	Badsahir	3.9	6.25	4.25	-0.35	2
1,302	Baijamunda		5.6	5.69		-0.09
1,303	Bamra	3.75	8.45	4.65	-0.9	3.8
1,304	Baragaon	0.66	5.21	1.41	-0.75	3.8
1,305	Batemura	3.38	6.12	3.84	-0.46	2.28
1,306	Bhabanipali	3.2	7.7	4.75	-1.55	2.95
1,307	Bhaluchuan	2.25	4.2	2.65	-0.4	1.55
1,308	Bhoipali		2.45	2.95		-0.5
1,309	Bhojpur	2.3				
1,310	Bohidar	2.85		4.15	-1.3	
1,311	Boxma	2.2	6.15	2.55	-0.35	3.6
1,312	Chandrapura	8.8	11.15	9.35	-0.55	1.8
1,313	Charmal	6.1	9.15			
1,314	Chhachanpali	0.98	4.6	1.09	-0.11	3.51
1,315	Chiplima	0.68	0.4	0.46	0.22	-0.06
1,316	Christianpara	0.78	1.01	0.74	0.04	0.27
1,317	Daincha	3.3	6.1			
1,318	Deogaon	2.28	2.74	2.12	0.16	0.62
1,319	Dhama	3.62	7.59	3.6	0.02	3.99
1,320	Dhanakauda		2.74	2.1		0.64
1,321	Dhanupalli	0.88	1.35	1.02	-0.14	0.33
1,322	Donaipalli	0.85	0.75			
1,323	Gainpura	2.55	4.92	3.05	-0.5	1.87
1,324	Gargarbahal	1.25	5.75	2.75	-1.5	3
1,325	Golgunda	1.55		1.57	-0.02	
1,326	Gorupali	2.85	5.3	3.25	-0.4	2.05
1,327	Gosala	2.2	3.12	2.26	-0.06	0.86
1,328	Goudpalli	5.05	5.9	4.41	0.64	1.49
1,329	Gunchamal		6.32	4.52		1.8
1,330	Gunderpur	3.72	1.99	2.16	1.56	-0.17

1,331	Hathibari	2.85	6.35	3.85	-1	2.5
1,332	Hirakud	1.72	2.35	1.36	0.36	0.99
1,333	Jamadaripali	3.75	7.08	4.1	-0.35	2.98
1,334	Jamankira 1	1.8	4.1	2.15	-0.35	1.95
1,335	Jayantpur	1.15	2.65	2.1	-0.95	0.55
1,336	Jugipali	2.95	5.84	1.9	1.05	3.94
1,337	Jujhumura	5.25	8.2	6.1	-0.85	2.1
1,338	Kadalipali	3.05	4.25	3.45	-0.4	0.8
1,339	Kansabahal Sahi	1.85	3.9	1.95	-0.1	1.95
1,340	Katar Kela	2.85	5.65	3.3	-0.45	2.35
1,341	Kesaibahal	3.1	5.6	3.65	-0.55	1.95
1,342	Khunti	2.02	6.68	1.41	0.61	5.27
1,343	Koakud	3.35	5.4	3.65	-0.3	1.75
1,344	Kuchinda		6.25	4.3		1.95
1,345	Kusumi	1.9	6.25			
1,346	Larasara	3.95	7.99	5.13	-1.18	2.86
1,347	Loiraguna	1.85	4.8	2	-0.15	2.8
1,348	Luhapank	4.6	7.7	4.1	0.5	3.6
1,349	Mahaling Kudor	5.05	8.1	5.15	-0.1	2.95
1,350	Majhipal	2.75	3.25	2.85	-0.1	0.4
1,351	Malgun	0.65	0.8	0.85	-0.2	-0.05
1,352	Maltisubanpur	2.17	2.34	2.07	0.1	0.27
1,353	Maneswar	2.6	6.25	3.35	-0.75	2.9
1,354	Mochibahal	3.45	6.35	4.35	-0.9	2
1,355	Mundher	3.75	7.45	4.2	-0.45	3.25
1,356	Nagodihi Chawk	1.65	3.8	1.9	-0.25	1.9
1,357	Naktideol	5.15	7.85	4.65	0.5	3.2
1,358	Nildungri	3.2	5.25	4.15	-0.95	1.1
1,359	Padiabahal	3.25	5.15	4.6	-1.35	0.55
1,360	Parmanpur	2.95	4.15	3.25	-0.3	0.9
1,361	Paruabhari	3.65		4.15	-0.5	
1,362	Phasimal	3.55	7.55	3.75	-0.2	3.8
1,363	Pitapali	2.02	2.09	4.35	-2.33	-2.26
1,364	Rairakhhol(rampu	4.45	7.35	5.05	-0.6	2.3
1,365	Remerha	1.78	1.49	1.32	0.46	0.17
1,366	Rengali	2.85	6.2	3.3	-0.45	2.9
1,367	Rupapali	4.12	5.59	4.48	-0.36	1.11
1,368	Sahaspur	1.91	4.98	2.05	-0.14	2.93
1,369	Sason1	1.05	1.15	1.55	-0.5	-0.4
1,370	Simlipal Chawk	3.35	4.45	3.25	0.1	1.2
1,371	Subarna Pali	4.7	6.15	2.85	1.85	3.3

1,372	Talpali	0.55	0.75	0.45	0.1	0.3
1,373	Telitiliamal	3.05	5.35	3.45	-0.4	1.9
1,374	Terebera	3.55	5.6	4.25	-0.7	1.35

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Sonpur

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,375	Ankhidadar	3.05	3.01	3.02	0.03	-0.01
1,376	Antarda	1.66	1.35	1.72	-0.06	-0.37
1,377	Arjunpur	4.11	6.89	4.75	-0.64	2.14
1,378	Bagdiha	1.75	2.72	1.96	-0.21	0.76
1,379	Bagduli	2.83	5.08	2.98	-0.15	2.1
1,380	Baghahandi		1.45	1.44		0.01
1,381	Baghia	3.65		3.78	-0.13	
1,382	Baladi	2.8	6.05	2.89	-0.09	3.16
1,383	Barkarle	1.05	0.91	1.23	-0.18	-0.32
1,384	Bausuni		6.18	3.53		2.65
1,385	Bhimtikra	1.11	0.87	0.93	0.18	-0.06
1,386	Binika	1.9	2.42	1.92	-0.02	0.5
1,387	Biramaharajpur	2.93	7.22	3.88	-0.95	3.34
1,388	Bishalpali	2.55	3.95	3.52	-0.97	0.43
1,389	Borumunda	3.51	6.44	3.73	-0.22	2.71
1,390	Chandajhuri	4.02		4.1	-0.08	
1,391	Charuapali	0.45	1.02	0.43	0.02	0.59
1,392	Charuapali (new)			2.1		
1,393	Danipali	1.47	2.37	2.44	-0.97	-0.07
1,394	Dhurakhaman	1.41	1.79	1.68	-0.27	0.11
1,395	Dunguripalli I	2	2.4	2.3	-0.3	0.1
1,396	Gajabandhu	1.16	1.11	0.89	0.27	0.22
1,397	Gambharipalli	1.6	0.58	0.67	0.93	-0.09
1,398	Ichhapur I	1	3.07	2.91	-1.91	0.16
1,399	Jhamchhapar	2.33	4.19	3.3	-0.97	0.89
1,400	Karlajuri	1.84	5.91	2.01	-0.17	3.9
1,401	Khaliapali	3.65	6.76	4.4	-0.75	2.36
1,402	Khari	1.8	4.03	1.93	-0.13	2.1
1,403	Koiramunda	4.59	5.8	4.15	0.44	1.65
1,404	Mahada	1.43	6.09	1.35	0.08	4.74
1,405	Mahadevpali	1.06	5.76	1.1	-0.04	4.66
1,406	Metakani	2.11	6.06	3.07	-0.96	2.99

1,407	Palsapadar	1.65	4.01	1.92	-0.27	2.09
1,408	Phulmuthi	2.8	3.98	2.8	0	1.18
1,409	Rampur	4.31	5.27	4.43	-0.12	0.84
1,410	S Patrapali	4.18	6.65	4.66	-0.48	1.99
1,411	Sakama		6.54	5.08		1.46
1,412	Samalaichuan	2.45	1.9	1.89	0.56	0.01
1,413	Sankara1	1.2	0.82	1.03	0.17	-0.21
1,414	Sansamura	1.33	4.65	0.86	0.47	3.79
1,415	Sarangapali	1.35	1.01	1.12	0.23	-0.11
1,416	Sarasmal	1.71	2.76	1.92	-0.21	0.84
1,417	Sargaj 1	4.55	6.33	4.75	-0.2	1.58
1,418	Sindol	1.25	2.43	2.28	-1.03	0.15
1,419	Singhijuba	1.45	0.99	0.99	0.46	0
1,420	Sonepur	3.5	8.17	4.44	-0.94	3.73
1,421	Subalaya	4.66	7.26	5.24	-0.58	2.02
1,422	Ulunda	1.58	5.9	2.3	-0.72	3.6

Water Level Data/Fluctuation for the Specified Period

State ODISHA
District Sundargarh

S.no	location	Water Level			Water Level Fluctuation in 2015/Nov with respect to	
		2014/Nov (mbgl)	2015/Apr(mbgl)	2015/Nov (mbgl)	2014/Nov (mbgl)	2015/Apr (mbgl)
1,423	Alikera	8.85	10.15	8.5	0.35	1.65
1,424	Balijori	3.15	4.35	2.95	0.2	1.4
1,425	Banki	6.45				
1,426	Bargaon	1.85	4.3	1.95	-0.1	2.35
1,427	Barogar	3.9	6.45	3.15	0.75	3.3
1,428	Bhasma	2.95	5.15	3.05	-0.1	2.1
1,429	Bhedabahal	2.45	3.65			
1,430	Bihabandh Chawk		9.45	8.25		1.2
1,431	Birangatoli	3.85	9.55	4.25	-0.4	5.3
1,432	Birmitrapur	1.7	2.75	1.45	0.25	1.3
1,433	Bondamunda	0.85	4.05	1.45	-0.6	2.6
1,434	Chandiposh	1.45	5.4	2.2	-0.75	3.2
1,435	Darjin	5.05	7.3	5.75	-0.7	1.55
1,436	Deokaranpur	2.05	5.55	2.85	-0.8	2.7
1,437	Deolipali	5.85		5.25	0.6	
1,438	Ekma	2.75	6.05	3.3	-0.55	2.75
1,439	Himgiri	7.35	12.35	9.35	-2	3
1,440	Jagimal	2.65	6.25	2.45	0.2	3.8
1,441	Jamdihi			2.45		
1,442	Jharbera	4.05	8.35	6.55	-2.5	1.8
1,443	Karamdihi	3.3	6.6	3.35	-0.05	3.25
1,444	Kinjrikela	3.65	6.35	4.05	-0.4	2.3
1,445	Kuarmunda	2.75	6.65	3.9	-1.15	2.75
1,446	Kutra	4.25	5.35	4.25	0	1.1
1,447	Lahunipara	1.65		2.1	-0.45	
1,448	Laing	4.45	6.35	5.15	-0.7	1.2
1,449	Lathikata		4.1	1.9		2.2
1,450	Laxmipos	8.65		10.15	-1.5	
1,451	Ledhimang	4.15	6.85			
1,452	Lefripada		11.25	7.85		3.4
1,453	Lokedega	3.75	6.9	4.05	-0.3	2.85

1,454	Mahulapali	1.65	3.8	1.7	-0.05	2.1
1,455	Moshani Kani		4.65	2.25		2.4
1,456	Panchomahala 1	2.95	4.35	2.7	0.25	1.65
1,457	Panderpali	5.45	8.3	4.75	0.7	3.55
1,458	Putudihi	4.9	6	4.5	0.4	1.5
1,459	R-01 Jalda C-Block	1.35	4.65	2.95	-1.6	1.7
1,460	R-02 Jalda Rangila Chhak	1.75	2.35	2.05	-0.3	0.3
1,461	R-03 Panposh Rukutola Chha	0.65	0.85	0.65	0	0.2
1,462	R-04 Civil Township	1.45	2.75	1.55	-0.1	1.2
1,463	R-05 Panposh	2.85	3.45			
1,464	R-06 Basanti Colony	1.65	1.85	1.85	-0.2	0
1,465	R-07 Udit Nagar-1	0.55	0.8	0.7	-0.15	0.1
1,466	R-08 Udit Nagar-2	3.2	3.9	3.7	-0.5	0.2
1,467	R-09 Power House Road	4.55	3.75	2.8	1.75	0.95
1,468	R-10 Raghunathpalli	2.65	4.25	3.05	-0.4	1.2
1,469	R-11 Hanuman Batika	2.05	1.95	1.85	0.2	0.1
1,470	R-12 Gangadharpally	4.35	5.45	4.35	0	1.1
1,471	R-13 Chhend	2.85	3.9	2.95	-0.1	0.95
1,472	R-14 Banposh (Urban)	4.55	9.45	5.35	-0.8	4.1
1,473	R-15 Bandamunda	4.45	7.9	5.25	-0.8	2.65
1,474	R-16 Champanagar	1.55				
1,475	R-17 Jhumpudibasti(Nuabazar	1.45	1.85	1.85	-0.4	0
1,476	R-18 Koel Nagar	1.65	1.9	3.9	-2.25	-2
1,477	R-19 Jagada	6.55	8.75	7.2	-0.65	1.55
1,478	R-20 Jhirpani	8.15	10.35	8.15	0	2.2
1,479	R-21 Sector-1	6.85	6.95	5.85	1	1.1
1,480	R-22 Sector-2	2.55	2.75	2.8	-0.25	-0.05
1,481	R-23 Sector-3	4.85	5.25	5.1	-0.25	0.15
1,482	R-24 Sector-5	2.75	2.45	2.55	0.2	-0.1
1,483	R-25 Ambagaon	1.35	1.85	1.45	-0.1	0.4
1,484	R-26 Sector-6	4.05	3.45	4.15	-0.1	-0.7
1,485	R-27 Sector-7	1.55	1.65	1.45	0.1	0.2
1,486	R-28 Sector-8	2.6	3.25	2.65	-0.05	0.6
1,487	R-29 Sector-9	3.3	5.05	3.5	-0.2	1.55
1,488	R-30 Sector-13	2.7	3.9	3	-0.3	0.9
1,489	R-31 Sector-14	5.55	7.2	5.7	-0.15	1.5
1,490	R-32 Sector-20	4.45	2.15	4.05	0.4	-1.9
1,491	R-33 Sector 18	5.45	6.25	5.75	-0.3	0.5
1,492	R-34 Sector-17	1.9	1.85	2.35	-0.45	-0.5
1,493	R-35 Sector-16	5.85	7.95	6.35	-0.5	1.6

1,494	R-36 Sector-15	2.35	2.6	2.45	-0.1	0.15
1,495	R-37 Vedvyas	2.85	7.55	5.3	-2.45	2.25
1,496	R-38 Kalunga	5.75	9.3	5.65	0.1	3.65
1,497	Rajgangpur	3.7	7.15	6.55	-2.85	0.6
1,498	Rangiamunda	4.55	7.2	7.15	-2.6	0.05
1,499	Sabdega	1.95	3.45	2.05	-0.1	1.4
1,500	Sargipali	1.85	5	2.25	-0.4	2.75
1,501	Shahajbahal	2.35	5.55	2.65	-0.3	2.9
1,502	Sundargar Bypass Chawk	5.35				
1,503	Sundargarh	2.15	2.36	2.35	-0.2	0.01
1,504	Surguda	9.65	11.15	9.65	0	1.5
1,505	Talsara		3.95	2.85		1.1
1,506	Uditnagar(rkl)	0.55	0.8	0.7	-0.15	0.1
1,507	Ujalpur	3.46				
1,508	Vedavyas Chak	2	7.45	4.35	-2.35	3.1

ANNEXURE – IV

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
ANUGUL	PALALAHADA	Jamardihi	120	7.81	55	10	7.09	0.06	0.3	4.87	5	1.88	57	45	45.08
ANUGUL	ANUGUL	Panchmahala-li	1050	8.21	220	22	195	0.556	1.2	81	57.9	73.01	540	390	180.33
ANUGUL	CHHENDIPADA	Durgapur 1	1180	8.09	244	78	213	0.355	1.9	46	92.6	86.95	640	385	200
ANUGUL	ANUGUL	Jagannathpur	550	8	171	40	64	0.1	3.5	30	20.9	34.7	279	225	140.16
ANUGUL	ANUGUL	Pumakot	380	8.11	159	30	35	0.272	0.8	19	16	9.3	190	155	130.33
ANUGUL	ANUGUL	Tikarpara	420	8.06	183	40	28	0.125	6.7	18.28	12.6	22.6	219	175	150
ANUGUL	ANUGUL	Bantala-li	2100	8.43	592	20	298	1.44	1	63	340	52.7	1131	310	585.25
ANUGUL	KISHORENAGAR	Bamur	490	8.3	226	38	32	0.244	1.4	23	22.8	16.8	247	190	185.25
ANUGUL	BANARPAL	Banarpal1	590	8.14	116	66	103	0.183	1.6	17	24.6	51.9	322	235	95.08
ANUGUL	TALACHER	Talcher1	240	8.07	92	20	17.725	0.394	4.5	8.53	12.5	15.6	125	85	75.41
ANUGUL	KANIHA	Samal	560	8.04	287	14	17.725	0.54	2.6	24.33	68.3	16.5	287	135	235.25
ANUGUL	KANIHA	Sipur	350	8.08	177	26	17.725	0.237	7.8	14.62	15	2.5	173	125	145.08
ANUGUL	PALALAHADA	Khamar-1	520	7.88	92	38	109.895	0.118	10.2	14.63	41.6	15.2	276	155	75.41
ANUGUL	PALALAHADA	Srirampur	480	7.87	128	46	92	0.148	1.9	15	26	4.5	249	175	104.92
ANUGUL	PALALAHADA	Pallahara1	400	7.85	146	40	49.63	0.07	1.1	13.42	18.6	2.87	198	155	119.67
ANUGUL	TALACHER	Sendhogram	850	8.05	262	26	99.26	1.42	1	68.11	31.1	66.8	423	345	214.75
ANUGUL	BANARPAL	Bhogabereni	4240	8.29	891	18	872.07	3.27	6	41.35	856	152	2390	215	730.33
ANUGUL	TALACHER	Balanda	560	8.28	146	52	38.995	0.244	3	13.44	41.8	86.8	309	185	119.67
ANUGUL	TALACHER	Godibandha	180	8	73	16	14.18	0.217	1.5	7.31	7.7	8.87	92	70	59.84
ANUGUL	TALACHER	Tentulai	2350	8	439	74	475.03	0.513	5	141.11	180	140	1235	765	359.84
ANUGUL	BANARPAL	Kukurang	2300	8.22	696	48	301.325	2.86	6	16	439.5	126	1285	185	570.49
ANUGUL	BANARPAL	Angul1	930	8.25	104	80	216	0.351	1.2	32.92	59.1	68.4	510	335	85.25
ANUGUL	PALALAHADA	Srirampur	480	7.87	128	46	92.17	0.148	1.9	14.64	26	4.5	250	175	104.92
ANUGUL	ANUGUL	Tubey	580	8	201	36	63.81	0.249	1.2	28	36.2	34.61	300	205	164.75
ANUGUL	ANUGUL	Jarpada	1400	8.02	244	36	287.145	0.726	3	66	154	86.5	755	360	200
ANUGUL	KISHORENAGAR	Boinda1	820	8.02	128	46	170.16	0.652	1.2	24	84.2	68.2	458	215	104.92
ANUGUL	ATHMALLIK	Thakurgarh 1	750	8.07	311	14	56.72	0.702	0.8	34.06	89.3	39.5	390	175	254.92
ANUGUL	ATHMALLIK	Athamallik 2	320	8.11	128	36	28.36	0.696	5.9	4.91	19.7	17.5	176	110	104.92
ANUGUL	ATHMALLIK	Tileswar	320	8.02	177	34	7.09	0.391	0.7	10.98	13.7	6.14	161	130	145.08
ANUGUL	KISHORENAGAR	Handpa	370	8.03	183	38	42.54	0.367	1.5	20.71	22.7	23.14	240	180	150
ANUGUL	CHHENDIPADA	Chendipada1	550	8.03	250	20	35.45	0.306	0.9	30.42	47.1	20.1	279	175	204.92
ANUGUL	CHHENDIPADA	Bagharia	1100	8.01	226	64	205.61	1.44	7.2	48.7	82	70.6	591	360	185.25
ANUGUL	CHHENDIPADA	Kosala1	650	7.87	140	72	120.53	0.299	0.8	23.19	23	34.3	344	275	114.75

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
ANUGUL	CHHENDIPADA	Nisa	780	7.88	140	40	148.89	0.513	0.8	38.95	61.1	62.8	423	260	114.75
ANUGUL	BANARPAL	Tulsipal	1160	7.92	390	20	124.075	1.16	7	42.57	158.5	78.2	626	225	319.67
ANUGUL	BANARPAL	Amna	1160	8.14	537	8	70.9	0.98	4.5	80.24	105	31	568	350	440.16
ANUGUL	BANARPAL	Kuio	1650	8.06	390	94	280.055	1.04	6	81.56	110	104	870	570	319.67
ANUGUL	TALACHER	Kumunda 1	900	7.89	189	44	127.62	0.404	2.8	38.95	79.3	110	497	270	154.92
BALANGIR	BALANGIR	Pudapalli	400	7.9	146	24	49.63	0.602	2.5	1.24	61.7	11	223	65	119.67
BALANGIR	SAINTALA	Saintala (new)	500	7.5	153	26	63.081	0.527	47.5	15.84	34	40	304	130	125.41
BALANGIR	BALANGIR	Dhumamara	750	7.7	256	22	89	0.81	2.9	53	46.1	48	389	275	209.84
BALANGIR	BALANGIR	Padampur	500	7.8	146	50	85.08	0.456	4.31	4.92	52.48	6	276	145	119.67
BALANGIR	PATNAGARH	Patnagarh-li	350	8	73	24	43	0.72	1.3	2	32.64	3	142	105	59.84
BALANGIR	PUINTALA	Randa	1100	7.9	366	70	74.445	0.09	1.5	18.32	142	143	632	250	300
BALANGIR	TUREKELA	Salandi	350	7.9	122	42	38.995	0.512	2.54	3.7	21.33	19	189	120	100
BALANGIR	AGALPUR	Salebhata	600	8.11	281	30	42.54	0.378	42.5	23.13	33.51	14	326	170	230.33
BALANGIR	PATNAGARH	Sarmohan-I	185	7.9	92	24	10.635	0.267	0.4	1.24	13.18	3	98	65	75.41
BALANGIR	BANGOMUNDA	Sindhikela (new)	400	8	183	38	28.36	0.348	7.25	6.12	27.51	6	205	120	150
BALANGIR	LOISINGA	Suka	600	7.9	165	48	77.99	0.431	49.7	8.57	29.67	40	337	155	135.25
BALANGIR	BANGOMUNDA	Titisilet	950	7.7	134	74	209.155	0.228	7.64	17.11	88.61	66	529	255	109.84
BALANGIR	PUINTALA	Bairasar	400	7.9	146	60	24.815	0.385	0.47	2.5	14.89	33	208	160	119.67
BALANGIR	DEOGAON	Kesaropali	500	7.8	165	26	70.9	0.344	1.79	14.62	49.67	19	265	125	135.25
BALANGIR	TUREKELA	Dhomana Donga	1100	7.8	329	28	141.8	0.181	148	17.05	95	65	659	140	269.67
BALANGIR	SAINTALA	Piprut	350	7.9	183	24	14.18	0.583	1.6	12.19	28.55	7	179	110	150
BALANGIR	MURIBAHAL	Bandupali	550	7.8	256	32	31.905	0.329	0.62	37.72	14.45	17	262	235	209.84
BALANGIR	BANGOMUNDA	Joyorpada	900	7.5	238	74	145.345	0.305	69.4	8.6	60	45	522	220	195.08
BALANGIR	TITLAGARH	Regdol	450	7.9	244	20	14.18	0.442	0.91	23.12	34.34	9	223	145	200
BALANGIR	TITLAGARH	Titlagarh (new)	1000	7.6	214	70	194.975	0.225	115	55	54.2	56	652	175	175.41
BALANGIR	AGALPUR	Agalpur 1	450	7.9	122	34	60	0.477	6.9	9	43.97	32	241	100	100
BALANGIR	TITLAGARH	Chomara	1050	7.6	238	58	184.34	0.571	6.9	34.11	105	61	568	285	195.08
BALANGIR	PUINTALA	Kurul	950	7.6	256	48	145.345	0.197	28.8	42.61	64.7	60	518	295	209.84
BALANGIR	TITLAGARH	Eachgaon	600	7.8	214	30	67.355	0.486	2.93	24.35	53.45	29	314	175	175.41
BALANGIR	MURIBAHAL	Jamut	550	7.7	116	48	99.26	0.126	5.89	18.29	35.39	31	296	195	95.08
BALANGIR	TITLAGARH	Minapali	1050	7.4	238	34	177.25	0.202	2.4	48.67	110	67	559	285	195.08
BALANGIR	PUINTALA	Atgan	300	7.4	165	32	14	0.63	1.7	7.33	20.2	3.11	160	110	135.25
BALANGIR	BELPARA	Nunhad	550	7.5	159	48	77.99	0.795	1.03	21.94	31.47	36	296	210	130.33

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
BALANGIR	SAINTALA	Belgaon	500	8	281	18	14	0.77	1.2	12	67.4	3.33	256	95	230.33
BALANGIR	BELPARA	Belpara	450	7.7	183	16	43	0.54	3.7	12	43.8	18	238	115	150
BALANGIR	BALANGIR	Bolangir-1	600	7.8	281	32	32	1.15	0.6	35	41.7	28	310	225	230.33
BALANGIR	BALANGIR	Bolangir-ii	1100	7.7	201	50	227	0.44	3.1	38	119.8	71	609	280	164.75
BALANGIR	MURIBAHAL	Bongamunda	400	7.7	214	34	18	0.91	0.4	15	23.4	3.33	201	145	175.41
BALANGIR	PUINTALA	Chhatamakhan	350	7.9	153	30	32	0.38	3.6	10	19.73	5	177	115	125.41
BALANGIR	BALANGIR	Churapali	250	7.9	134	28	11	0.35	2.2	5	16.96	2.7	133	90	109.84
BALANGIR	LOISINGA	Loisinga	700	7.9	342	18	42.54	0.724	0.7	32.84	76.02	13	354	180	280.33
BALANGIR	MURIBAHAL	Muribahal	450	7.6	232	42	17.73	0.38	3.77	9.78	36.32	3	229	145	190.16
BALANGIR	BALANGIR	Dulusara	350	7.9	177	30	25	0.43	1.3	13	20.8	1	180	130	145.08
BALANGIR	SAINTALA	Dumalpada	900	8	439	24	43	1.55	3.2	55	75.6	4	424	285	359.84
BALANGIR	PUINTALA	Gaintala	700	7.9	336	20	39	0.53	2	27	81.3	23	360	160	275.41
BALANGIR	MURIBAHAL	Gudighat	750	7.5	256	84	89	0.34	2.4	28	19.8	28	379	325	209.84
BALANGIR	MURIBAHAL	Haladia	750	7.6	244	46	99	78	1	30	62.98	33	394	240	200
BALANGIR	AGALPUR	Ichhapur	1250	7.7	195	28	277	1.45	4.6	30	199	75	711	195	159.84
BALANGIR	LOISINGA	Jogisurda	550	7.7	238	16	50	1.23	6	23.12	60.1	23	297	135	195.08
BALANGIR	TUREKELA	Kantabanji	1050	7.5	256	90	170	0.695	0.7	45.09	47.97	74	556	410	209.84
BALANGIR	TITLAGARH	Kholan	400	8	195	40	17.725	0.673	0.98	12.21	18.21	8	194	150	159.84
BALANGIR	TUREKELA	Kurli	500	7.6	226	40	14018	0.63	1.53	15.85	45.26	52	282	165	185.25
BALANGIR	BALANGIR	Hardatal	350	8	171	20	25	0.38	1.4	16	24.99	2	175	115	140.16
BALESHWAR	NILAGIRI	Baband	321	7.8	116	30	35	0.76	0.93	13.41	13.1	1	151	130	95.08
BALESHWAR	BAHANAGA	Bahanga	584	8	214	20	53.175	1	1.04	10.97	90.4	15.5	298	95	175.41
BALESHWAR	NILAGIRI	Benthiapada	1188	7.7	85	86	386.405	0.59	1.8	56.02	66.66	2	641	445	69.67
BALESHWAR	NILAGIRI	Bhagabondh	250	7.9	110	26	24.815	0.78	0.65	6.11	15.25	0.9	129	90	90.16
BALESHWAR	NILAGIRI	Bhalukasuni 1	274	7.8	134	22	24.815	0.77	0.82	10.97	16.21	3	145	100	109.84
BALESHWAR	NILAGIRI	Chekamara	709	7.8	122	40	155.98	0.55	0.95	34.09	51.7	32	376	240	100
BALESHWAR	NILAGIRI	Darkholi	718	7.7	116	42	152.435	0.55	0.93	34.09	51.65	33	372	245	95.08
BALESHWAR	OUPADA	Dasarathipur Sasan	378	7.9	171	26	28.36	0.78	0.63	20.7	16.8	3	181	150	140.16
BALESHWAR	BALIAPAL	Jamsuli	615	8.1	268	14	38.995	1	0.99	17.04	92.5	9	306	105	219.67
BALESHWAR	OUPADA	Jhomghati	358	7.9	177	46	24.815	0.62	0.74	7.35	15.1	9	191	145	145.08
BALESHWAR	NILAGIRI	Kunchibenia	366	8.1	201	32	7.09	0.61	6.6	12.2	19.5	1	179	130	164.75
BALESHWAR	REMUNA	Govindpur	361	8.1	214	28	10.635	0.6	6.25	14.62	19.5	1	187	130	175.41

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
BALESHWAR	OUPADA	Oupada	370	8.2	177	28	17.725	0.61	6.75	14.62	20.4	1	177	130	145.08
BALESHWAR	BALESHWAR	Rupsa	360	7.7	110	46	60.265	0.64	0.93	8.57	13.1	1	185	150	90.16
BALESHWAR	OUPADA	Sialghati	1263	8.1	177	88	358	1.2	2.15	56.03	81.9	9	684	450	145.08
BARGARH	ATTABIRA	Chakilifarm	350	8.1	177	42	14.18	0.31	2.13	3.7	25.6	8	184	120	145.08
BARGARH	BHEDEN	Chichinda	800	8	214	58	124.075	0.25	0	27.06	64.1	31	411	256	175.41
BARGARH	BARGARH	Dang	1100	8.1	275	46	194.975	0.44	0.1	42.6	126	51	599	290	225.41
BARGARH	BHATLI	Dumalpali	400	7.5	116	16	74.445	0.6	4.34	8.53	51.9	5	219	75	95.08
BARGARH	AMBABHONA	Dungri	200	7.9	92	28	14.18	0.46	0	3.68	8.7	8	109	85	75.41
BARGARH	BHEDEN	Gondtarum	280	8.1	128	28	17.725	0.35	3.4	7.33	18.2	7	145	100	104.92
BARGARH	BARAPALI	Gopipali	1200	7.9	177	46	262.33	0.28	2	51.11	130.5	84	664	325	145.08
BARGARH	ATTABIRA	Gorbhaga	300	8.2	134	38	10.635	0.38	0	7.34	12.4	18	153	125	109.84
BARGARH	PAIKMAL	Hirapur	300	8.2	146	22	14.18	0.27	1	19.48	8.4	5	143	135	119.67
BARGARH	PAIKMAL	Jamset	550	8.33	262	30	31.905	0.7	1.1	15.84	63.9	7	281	140	214.75
BARGARH	BARGARH	Jamurda	232	8.2	140	20	21.27	0.19	8	14.61	19.9	9	163	110	114.75
BARGARH	BIJEPUR	Jaring	700	8		34			0.67	49.88	27.6		341	290	
BARGARH	GAISILET	Kantabahal	700	8.1	189	50	113.44	0.67	0.28	31.67	53.1	33	376	255	154.92
BARGARH	BHATLI	Katapali	1500	8.1	415	42	258.785	0.29	98	41.38	168	61	876	275	340.16
BARGARH	BARGARH	Kharmanda	1000	8.2	159	28	226.88	0.25	51	52.31	59	67	563	285	130.33
BARGARH	BIJEPUR	Kharmunda	850	8		22			0.25	55.95	66.3		444	285	
BARGARH	BARGARH	Khuntapali	900	8.1	262	48	145.345	0.44	92.8	7.35	82.7	41	548	150	214.75
BARGARH	BHEDEN	Khuttiipalli	600	8.5	183	26	97.715	0.23	20.4	20.7	66.4	0.6	328	150	160
BARGARH	ATTABIRA	Kulunda	400	8.3	153	34	35.45	0.26	21.3	10.98	30.5	24	236	130	130.41
BARGARH	BHEDEN	Kumbhari	550	8	122	30	99.26	0.53	0.68	26.78	40.61	40	299	185	100
BARGARH	BARAPALI	Kusanpur	1700	7.8	73	186	567.2	0.34	0.1	40.34	180	65	1075	630	59.84
BARGARH	ATTABIRA	Larambha	450	8.2	153	46	31.91	0.187	16.7	6.13	28.6	45	251	140	125.41
BARGARH	ATTABIRA	Lastala	500	8.3	201	44	60.265	0.64	1.03	10.99	56.4	30	306	155	169.75
BARGARH	BARAPALI	Lenda	400	8.2	189	24	17.725	0.62	0	15.83	36.7	19	208	125	154.92
BARGARH	BHEDEN	Lupursinga	700	8.1	183	42	141.8	1.32	1	31.66	42	0.71	351	235	150
BARGARH	BARAPALI	Mahada	450	8.1	207	58	35.45	0.36	12.5	6.15	22.2	1	239	170	169.67
BARGARH	PAIKMAL	Majhipali	200	8.2	55	12	35.45	0.371	0.8	10.96	9.05	5.47	101	75	45.08
BARGARH	PAIKMAL	Malada	600	7.87	250	22	60.265	0.17	17.7	52.3	21.73	19.3	318	270	204.92
BARGARH	PAIKMAL	Mithapali	271.9	8.34	104	28	38.995	0.112	1.58	13.41	12.86	4.28	166	125	110.25

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
BARGARH	RAJBORASAMBAR	Mahulpali	1250	8.38	354	48	251.695	0.113	12.5	80.29	70.76	6.41	646	450	290.16
BARGARH	SOHELA	Para	1586	7.8	372	62	336.775	0.341	7.75	79.09	164.6	26.3	862	480	304.92
BARGARH	ATTABIRA	Patrapalli	796.2	8.18	201	42	113.44	0.147	4.67	38.95	55.72	30.3	386	265	164.75
BARGARH	PAIKMAL	Purena	518.1	8.33	165	50	53.175	0.167	2.94	23.16	20.6	12.9	260	220	160.25
BARGARH	BARAPALI	Puturipali	469.5	8.25	177	42	38.995	0.32	3.33	19.5	21.16	14.9	228	185	145.08
BARGARH	BHEDEN	Remenda	441.4	7.99	177	44	67.355	0.217	0.96	18.29	23.74	8.11	251	185	145.08
BARGARH	BARGARH	Rengalpali	1233	7.76	159	108	294.2	0.178	1.64	54.84	60.27	23.4	622	495	130.33
BARGARH	BHEDEN	Rusuda	257.1	8.16	98	26	24.815	0.143	4.06	7.33	11.5	7.85	130	95	80.33
BARGARH	BARGARH	Sarala	425.4	7.98	177	30	46.1	0.122	9.47	12.19	44.85	8.36	239	125	145.08
BARGARH	BHEDEN	Satlama	158.9	7.86	73	16	17.725	0.199	1.57	4.88	14.11	1.74	93	60	59.84
BARGARH	BHEDEN	Sikirdi	210.2	8.43	98	30	17.725	0.123	3.48	3.68	10.4	5.47	129	90	95.33
BARGARH	BHATLI	Sulsulia	804.6	8.08	220	70	155.98	0.105	2.7	48.71	41.56	27.3	457	375	180.33
BARGARH	ATTABIRA	Top	1279	8.33	311	74	166.615	0.39	21.2	26.83	153.05	41.1	675	295	314.92
BARGARH	BARGARH	Tora	383.1	8.07	92	52	56.72	0.378	1.36	25.59	42.96	7.43	232	235	75.41
BARGARH	AMBABHONA	Uttam	950	8.05	299	74	148.89	0.09	79	30.48	48.85	18.6	549	310	245.08
BARGARH	BIJEPUR	Bijepur1	294.8	8.18	104	30	24.815	0.15	1.38	0.04	23.63	4.2	136	75	85.25
BARGARH	RAJBORASAMBAR	Sargibahal 1	402.4	8.03	183	24	46.085	0.337	0.71	27.99	28.43	4.71	223	175	150
BARGARH	BHATLI	Bhatli 1	495.2	8.35	165	36	67.355	0.399	5.35	14.63	47.84	9.97	264	150	135.25
BARGARH	SOHELA	Ghens 1	1166	8.08	207	46	226.88	0.224	19.3	41.39	121.4	33	591	285	169.67
BARGARH	SOHELA	Batetarma	557.1	8.56	73	36	99.26	0.049	9.45	6.12	55.52	10.3	262	115	74.84
BARGARH	BHEDEN	Bheden 1	1308	7.56	201	42	304.87	0.135	1.39	113.11	51.3	22.5	636	570	164.75
BARGARH	BARAPALI	Remada	450	8.17	165	58	53.175	0.228	9.6	0.07	35.24	11.2	250	145	135.25
BARGARH	AMBABHONA	Ambabhona	320	7.98	171	30	14.18	0.05	2.36	18.27	10.97	2.84	164	150	140.16
BARGARH	BHATLI	Sunajuri-Tukuria	300	8.07	140	24	24.815	0.108	0	10.97	2.71	6.92	163	105	114.75
BARGARH	SOHELA	Grinjal	1600	7.71	79	38	432.49	0.137	185	26.79	166.6	53	942	205	64.75
BARGARH	ATTABIRA	Attabira1	890	8.1	171	50	177.25	0.44	0.1	12.22	125	41	491	175	140.16
BARGARH	BHEDEN	Baghapalli	970	7.9	134	122	233.97	0.35	0.27	6.23	70.8	51	551	330	109.84
BARGARH	BARGARH	Bargarh1	944	8.2	256	68	159.525	0.35	1.09	36.55	69.1	10	472	320	209.84
BARGARH	AMBABHONA	Bhukta	565	8.1	201	28	67.36	0.88	5.96	26.78	43.5	13	285	180	164.75
BARGARH	BHEDEN	Boipur	291	8.1	128	30	28.36	0.2	1.22	7.33	17.58	2	150	105	104.92
BARGARH	BHEDEN	Burda	441	8.3	195	38	28.36	0.45	0.1	12.2	34.5	5	218	145	164.84
BARGARH	BIJEPUR	Burdapali	2550	8.1	433	58	574.29	0.96	32.5	122.85	275	76	1355	650	354.92

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
BAUDH	HARBHANGA	Adenegarh	200	7.5	98	22	17.725	0.19	1.1	3.67	13.1	1	108	70	80.33
BAUDH	BAUDH SADAR	Ainlapali	900	7.4	85	102	194.975	0.18	2.3	11.06	68.2	75	496	300	69.67
BAUDH	HARBHANGA	Arakhpadar	750	7.6	201	32	102.805	1.3	2	31.65	74.2	50	394	210	164.75
BAUDH	BAUDH SADAR	Badhigan	2200	7.2	73	316	655.825	1.15	2.7	25.91	111.1	78	1226	895	59.84
BAUDH	HARBHANGA	Baring	250	7.8	140	36	7.09	0.4	2	3.69	10.5	1	131	105	114.75
BAUDH	BAUDH SADAR	Baunsuni	450	7.5	214	60	24.815	0.77	2.1	4.94	24.6	1	225	170	175.41
BAUDH	HARBHANGA	Bimarsingpur	780	8	451	4	14.18	0.68	1.1	43.77	92.3	1	382	190	369.67
BAUDH	HARBHANGA	Boudh	550	7.52	128	52	95.715	0.22	4.1	18.3	31.1	30	295	205	104.92
BAUDH	HARBHANGA	Charichak	900	7.9	403	18	63.81	0.73	0.5	70.53	55.7	27	437	335	330.33
BAUDH	HARBHANGA	Chatarang	1150	7.9	427	10	116.985	1.6	0.8	54.72	148.5	45	590	250	350
BAUDH	KANTAMAL	Damamunda	900	7.8	299	20	102.8	1.4	3.7	71.75	52.8	44	445	345	245.08
BAUDH	HARBHANGA	Dholpur	340	7.6	189	30	10.635	0.67	0.6	10.98	15.8	1	164	120	154.92
BAUDH	BAUDH SADAR	Gambhari Padar	330	7.5	153	46	28.36	0.235	2	4.92	13.5	1	172	135	125.41
BAUDH	KANTAMAL	Gohipita	450	8.02	244	24	14.18	0.75	1	35.28	9.3	1	206	205	200
BAUDH	HARBHANGA	Harbanga	350	8	201	6	10.635	0.78	0.3	30.4	15.7	0.2	163	140	164.75
BAUDH	HARBHANGA	Harekrishnapur	1050	8.13	512	4	53.175	1.23	0.8	89.96	69	1	474	380	419.67
BAUDH	BAUDH SADAR	Jahanapank	1020	7.4	98	112	301.325	0.4	4.5	24.45	55.3	18	564	380	80.33
BAUDH	KANTAMAL	Kantamal	820	7.5	134	54	170.16	0.25	0.9	47.48	34.4	28	401	330	109.84
BAUDH	HARBHANGA	Kusang	425	7.78	134	24	78	1.1	0.5	14.62	40.9	0.1	226	120	109.84
BAUDH	HARBHANGA	Landibandh	350	7.8	153	32	38.995	0.39	0.5	8.55	24.9	0.07	182	115	125.41
BAUDH	HARBHANGA	Laxmanpur	330	8	183	32	21.27	0.79	0.3	7.33	24.9	0	177	110	150
BAUDH	BAUDH SADAR	Maheswar Pinda	380	7.8	207	60	10.6	0.28	1.6	3.72	9.8	6	196	165	169.67
BAUDH	BAUDH SADAR	Manamunda	450	7.6	183	26	70.9	0.31	2.8	18.27	38.5	1	249	140	150
BAUDH	HARBHANGA	Nuapada	820	7.9	360	24	38.995	0.86	1.3	58.38	54.2	58	414	300	295.08
BAUDH	HARBHANGA	Nunibahal	550	7.9	195	20	88.625	1.12	0.8	26.77	48.1	1	283	160	159.84
BAUDH	KANTAMAL	Palasaguda	632	7.75	262	10	46.09	0.57	6.2	42.56	46.8	1	284	200	214.75
BAUDH	HARBHANGA	Purunakatak	890	7.8	281	20	63.81	0.28	0.8	68.1	49.4	75	418	330	230.33
BAUDH	HARBHANGA	Radha Nagar	535	7.6	165	42	95.72	0.33	0.7	18.29	38.2	14	291	180	135.25
BAUDH	BAUDH SADAR	Sangrampur	570	7.5	122	52	113.44	0.28	1	12.22	39	25	303	180	100
BAUDH	KANTAMAL	Sanrahajhar	252	7.5	122	22	17.725	0.29	0.6	7.32	16	1	125	85	100
BAUDH	BAUDH SADAR	Singrachhak	610	7.7	98	38	159.525	0.26	9.9	9.77	70.6	21	358	135	80.33
BAUDH	BAUDH SADAR	Telibandha	270	7.9	104	34	28.36	0.15	6.9	2.47	15.9	13	152	95	85.25

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
BAUDH	BAUDH SADAR	Baghiapada	410	7.7	189	18	28.36	0.56	0.6	27.98	18.1	12	200	160	154.92
BAUDH	HARBHANGA	Tilesar	1100	7.7	342	14	131.17	0.27	150	53.51	55	50	624	255	280.33
BAUDH	BAUDH SADAR	Usbilika	950	7.9	360	12	99.26	1.51	0.6	81.46	58	50	481	365	295.08
BAUDH	HARBHANGA	Tilesar 1	950	7.7	244	18	145.345	0.3	1	79.04	51.2	71	488	370	200
BAUDH	BAUDH SADAR	Kamira	465	7.4	116	40	81.535	0.26	2.1	14.64	29.9	26	253	160	95.08
BAUDH	BAUDH SADAR	Khajuripada	1350	7.4	214	10	255.24	0.64	1.2	121.58	68	82	645	525	175.41
BAUDH	BAUDH SADAR	Lumrijena	826	7.9	366	14	63.81	1.3	1.2	70.53	38.4	45	415	325	300
BAUDH	BAUDH SADAR	Baidanathpur	300	7.9	153	34	17.725	0.6	0.7	3.69	19.1	2	154	100	125.41
BAUDH	BAUDH SADAR	Bala Singha	1110	8.2	366	76	145.345	0.24	64	30.48	69.2	70	638	315	300
BHADRAK	BHADRAK	Rambhila	950	7.73	189	62	184.3	0.134	58.4	31.68	54.84	44.1	530	285	154.92
BHADRAK	BHADRAK	Uttarahini	350	8.07	140	26	38.995	0.127	1.51	15.84	22.25	6.66	181	130	114.75
BHADRAK	DHAMANAGAR	Bhagvenpur	350	8.19	159	32	28.36	0.454	0.94	12.2	26.03	5.98	185	130	130.33
BHADRAK	BHADRAK	Ada Sasan	300	8.07	140	24	24.8	0.108	2.71	10.97	24	6.92	163	105	114.75
BHADRAK	BHANDARIPOKHARI	Akhuapada	1600	7.71	171	38	432.5	0.137	185	26.79	166.6	53	988	205	140.16
BHADRAK	BHADRAK	Balipatna	550	7.94	183	30	67.355	0.276	7.1	26.78	38.21	12.5	274	185	150
BHADRAK	BHADRAK	Bentola	900	7.96	299	36	145.345	0.085	17.1	38.94	82.35	7.17	476	250	245.08
BHADRAK	BHADRAK	Durgapur	420	7.97	195	24	35.45	0.144	1.61	25.56	28.98	4.28	218	165	159.84
BHADRAK	BHADRAK	Gujidarha	450	8.24	159	52	53	0.123	0.79	13.44	18.3	5.13	222	185	130.33
BHADRAK	BHANDARIPOKHARI	Puriparabenipur	1000	7.55	159	78	255.24	0.093	4.11	46.29	50.3	6.49	520	385	130.33
CUTTACK	NARASINGHPUR	Kanapur	980	8.34	232	56	155.98	0.73	5.1	18.3	120	24.1	531	215	250.16
CUTTACK	NARASINGHPUR	Narsingpur	1090	8.3	519	18	56.72	1.28	5.7	46.22	140	40.5	566	235	425.41
CUTTACK	NARASINGHPUR	Saradapur	1240	7.94	415	78	159.525	0.721	2.5	49.94	98	51.6	647	400	340.16
CUTTACK	NARASINGHPUR	Balijhari 1	1650	7.72	415	138	258.785	0.13	3.2	56.09	110	68.1	842	575	340.16
CUTTACK	ATHAGAD	Oranda	250	8.07	92	18	24.815	0.412	1.2	10.96	11.99	12.1	125	90	75.41
CUTTACK	ATHAGAD	Khuntuni	579	8.13	195	32	63.81	0.21	1	17.06	62.43	23.8	299	150	159.84
CUTTACK	CUTTACKSADAR	Tangi1	1501	7.72	232	98	368.68	0.156	2.5	57.26	122	66.3	830	480	190.16
CUTTACK	MAHANGA	Achhutpur	340	7.66	134	24	35.45	0.25	4.9	9.75	29.9	1	172	100	109.84
CUTTACK	KANTAPADA	Adaspur	340	7.65	116	36	46.1	0.23	5.7	10.98	13.1	1	171	135	95.08
CUTTACK	SALEPUR	Anantapur	500	7.55	110	38	78	0.22	3.3	10.99	48.9	51	285	140	90.16
CUTTACK	DAMPARA	Banki1	500	7.75	195	42	35.45	0.25	30.8	10.99	32.3	28	277	150	159.84
CUTTACK	BARANGA	Baranga	300	7.58	73	22	42.5	0.21	27.2	7.32	14.5	25	175	85	59.84
CUTTACK	TANGI CHOUWAR	Choudwar	750	7.7	207	82	81.535	0.2	3.8	20.77	35.8	51	379	290	169.67

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
CUTTACK	CUTTACKSADAR	Cuttack Town	700	7.75	195	78	88.63	0.19	4.5	20.76	35.5	53	378	280	159.84
CUTTACK	CUTTACKSADAR	Jagatpur-i	700	7.8	201	74	81.54	0.19	5.2	21.97	37.2	51	371	275	164.75
CUTTACK	TANGI CHOUDWAR	Jagatpur-II	780	7.9	226	74	113.4	0.19	5.6	18.32	53.2	60	437	260	185.25
CUTTACK	CUTTACKSADAR	Gopalpur2	1050	7.9	342	84	145.345	0.2	19.9	29.28	71	65	585	330	280.33
CUTTACK	KANTAPADA	Kantapara1	1480	7.9	458	94	163.07	0.38	112	34.15	98	79	809	375	375.41
CUTTACK	MAHANGA	Kuapal	680	7.65	281	46	49.63	0.44	2.7	25.58	43.3	40	348	220	230.33
CUTTACK	NISCHINTA KOILI	Kulia Market	500	7.6	122	34	77.99	0.2	1.9	14.63	45.1	51.5	286	145	100
CUTTACK	NIALI	Madhab	950	7.96	384	32	92.17	0.17	49.1	36.51	76.4	52	530	230	314.75
CUTTACK	CUTTACKSADAR	Nachhipur	500	7.64	110	34	85.08	0.22	2.5	13.41	46.1	55	291	140	90.16
CUTTACK	NIALI	Niali	746	7.9	214	62	113	0.17	8	21.96	49.6	60	422	245	175.41
CUTTACK	TANGI CHOUDWAR	Nimpur	956	7.9	372	50	96	0.12	93	21.94	59.4	51	557	215	304.92
CUTTACK	SALEPUR	Padmapur	985	7.9	305	60	124.075	0.18	21.8	28.03	75.6	63	525	265	250
CUTTACK	CUTTACKSADAR	Telengapenth	589	7.75	262	58	60.3	0.34	5.1	12.23	38.7	1	306	195	214.75
CUTTACK	SALEPUR	Sisua	420	7.9	195	36	18	0.29	1.8	20.71	12.8	30	217	175	159.84
CUTTACK	CUTTACKSADAR	Nuagarh	680	7.75	256	44	74.445	0.33	5.8	24.37	52	46	374	210	209.84
CUTTACK	BARANGA	Brahmana Jhharilo	301	7.6	116	16	31.905	0.15	1.3	12.18	26.4	1	147	90	95.08
CUTTACK	NIALI	Belasahi	1380	7.9	403	108	145.345	0.37	115	20.8	80.6	78	749	355	330.33
CUTTACK	CUTTACKSADAR	Nuagarh	601	7.6	268	40	42.54	0.48	2.3	25.58	38.3	37	320	205	219.67
CUTTACK	ATHAGAD	Megha	495	8.81	146	40	21	0.196	2.66	17.07	32.3	2.8	255	170	229.67
CUTTACK	ATHAGAD	Rajnagar	150	7.86	61	18	14.18	0.06	2.75	2.45	6.2	2.6	76	55	50
CUTTACK	ATHAGAD	Radha Gobindapur	180	7.68	85	14	10.6	0.07	2.39	6.1	10.81	2.6	89	60	69.67
CUTTACK	ATHAGAD	Athagarh-1	140	7.53	61	12	10.635	0.059	14.8	4.88	0.01	2.9	76	50	50
CUTTACK	TIGIRIA	Tigiria	820	7.69	293	52	95.72	0.33	6.03	24.38	75.7	37.5	437	230	240.16
CUTTACK	BADAMBA	Abhimanpur	630	7.98	232	64	81.54	0.3	2.8	26.82	18.6	9.8	320	270	190.16
CUTTACK	BADAMBA	Baramba	1142	7.83	354	66	148.89	0.278	5.83	51.14	84	42.8	576	375	290.16
CUTTACK	BADAMBA	Sankhmiri	740	8.15	232	58	85.08	0.214	4.2	28.03	48	37.6	377	260	190.16
CUTTACK	BADAMBA	Karadibandh	1380	7.84	476	68	184.34	0.46	2.8	60.87	120	2.9	677	420	390.16
CUTTACK	BADAMBA	Gopapur	531	8.08	238	24	35.45	0.312	2.5	26.77	41.77	6.5	256	170	195.08
DEBAGARH	BARKOT	Barkot-iii	313	7.8	153	40	24.82	0.18	3.7	10.99	2.9	9	168	145	125.41
DEBAGARH	TILEIBANI	Deogarh	615	7.8	232	56	63.81	0.23	5.8	24.38	27	36	329	240	190.16

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
DEBAGARH	BARKOT	Kalkat	469	7.5	195	44	38.995	0.18	0.4	19.5	10.9	1	212	190	159.84
DEBAGARH	TILEIBANI	Kondal	405	7.5	153	38	42.54	0.15	1.5	19.5	10.6	0.1	188	175	125.41
DEBAGARH	TILEIBANI	Rengalbeda	530	7.85	214	42	38.995	0.59	1.4	13.42	46.7	27	276	160	175.41
DEBAGARH	TILEIBANI	Riamal	440	7.8	183	38	60.265	0.27	8.5	10.99	31.1	1	241	140	150
DEBAGARH	REAMAL	Tarang	721	7.6	244	62	70.9	0.44	21.7	6.15	70.1	35	388	180	200
DEBAGARH	TILEIBANI	Tileibani	488	7.8	177	44	56.72	0.25	7.9	30.44	23.9	1	488	235	145.08
DHENKANAL	SADAR	Samacharanapur	230	7.14	92	16	24.815	0.078	2.37	3.67	25.85	2.4	121	55	75.41
DHENKANAL	GANDIA	Deogaon	220	7.42	98	16	17.725	0.129	17.9	3.67	14.98	3.7	123	55	80.33
DHENKANAL	GANDIA	Gondia1	400	7.87	207	24	17.725	0.261	2.99	8.54	46.23	2.2	206	95	169.67
DHENKANAL	GANDIA	Sading	500	7.84	238	40	31.905	0.141	47.7	8.56	23.73	9.3	281	135	195.08
DHENKANAL	GANDIA	Mandar	760	7.68	293	44	92.17	0.146	29.2	23.15	62.22	8.6	406	205	240.16
DHENKANAL	GANDIA	Joranda	150	7.77	73	8	7.09	0.078	2.65	3.66	14.34	2.2	75	35	59.84
DHENKANAL	SADAR	Bandhnuagaon	330	7.93	171	12	14.18	0.144	1.1	18.25	26.5	2.8	160	105	140.16
DHENKANAL	SADAR	Kaimati	200	7.94	92	12	14.18	0.099	13.9	8.52	7.95	1.7	105	65	75.41
DHENKANAL	SADAR	Dhenkanal	670	7.65	226	28	85.08	0.645	54.5	9.76	67.15	28.7	386	110	185.25
DHENKANAL	SADAR	Saptasaja	580	7.78	201	26	56.72	0.484	36.5	8.54	65.91	36.2	331	100	164.75
DHENKANAL	SADAR	Shankarpur	590	8.08	256	48	38.995	0.215	3.27	12.21	54.14	32.6	317	170	209.84
DHENKANAL	SADAR	Bhapur2	1190	7.78	232	120	276.51	0.262	5.68	34.18	65.71	13.7	632	440	190.16
DHENKANAL	HINDOL	Rasol	760	7.87	244	66	106.35	0.292	10.9	23.18	48.69	26.5	403	260	200
DHENKANAL	HINDOL	Hindol1	470	8.08	165	34	49.63	0.241	5.67	18.28	31.08	25.2	246	160	135.25
DHENKANAL	ODAPADA	Balrampur	140	8.08	43	10	21.27	0.093	0.57	6.09	7.37	0.4	67	50	35.25
DHENKANAL	SADAR	Gangutia	360	7.91	183	34	21.27	0.149	1.07	15.84	13.49	0.2	178	150	150
DHENKANAL	KAMAKSHAYA NAGAR	Alnaberini 1	280	7.92	134	12	21.27	0.086	2.33	17.03	17.72	0.51	138	100	109.84
DHENKANAL	KAMAKSHAYA NAGAR	Mahulpal	290	7.83	122	30	28.36	0.251	2.53	6.11	18.73	0.51	147	100	100
DHENKANAL	PARAJANG	Muktaposi	840	7.67	201	82	163.07	0.327	2.82	20.77	57.74	23.9	451	290	164.75
DHENKANAL	PARAJANG	Badajhara	410	7.96	159	36	46.085	0.505	1.7	9.77	35.28	10	219	130	130.33
DHENKANAL	PARAJANG	Parjang1	580	8.13	183	20	81.535	0.717	4	2.46	103.3	28.4	331	60	150
DHENKANAL	PARAJANG	Kandarsingha	1810	7.69	287	140	432.49	1.03	9.6	75.54	111	49.3	961	660	235.25
DHENKANAL	KANKADA HAD	Batgaon	400	8.29	214	30	17.725	0.48	0.85	20.7	19.97	1.98	199	160	175.41
DHENKANAL	KANKADA HAD	Kankadahad	410	8.17	183	20	35.45	0.48	4.73	7.32	55.48	1.98	216	80	150

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
DHENKANAL	KAMAKSHAYA NAGAR	Baisingha	350	8.14	189	20	10.635	0.817	7.99	6.1	42.44	0.6	182	75	154.92
DHENKANAL	BHUBAN	Mathakaragola	1020	7.98	329	38	109.895	0.233	6	35.3	120.9	82.5	557	240	269.67
DHENKANAL	BHUBAN	Goda	690	8.01	305	28	49.63	0.257	6.69	47.44	33.41	20.9	338	265	250
DHENKANAL	KAMAKSHAYA NAGAR	Hatwari	2620	7.72	744	154	414.765	0.9	81.7	104.73	179.2	111	1417	815	609.84
DHENKANAL	BHUBAN	Bhuban	530	8.19	275	22	24.815	0.203	4.66	24.34	47.72	3.6	264	155	225.41
DHENKANAL	ODAPADA	Dhaulpur	190	8.22	79	14	17.725	0.122	1.59	9.74	8.14	0.05	91	75	64.75
DHENKANAL	ODAPADA	Motanga	720	7.94	305	36	77.99	0.122	4.92	35.3	55.51	0.05	362	235	250
DHENKANAL	HINDOL	Balmi	330	8.08	140	34	17.725	0.31	1.91	9.77	17.49	24.8	176	125	114.75
GAJAPATI	MOHANA	Adaba	183	7.3	61	16	21.27	0.15	0.1	4.88	10.6	1.98	85	60	50
GAJAPATI	MOHANA	Dantarinalo	180	7.39	73	18	21.27	0.45	0.1	7.32	6.3	2.5	92	75	59.84
GAJAPATI	PARLAKHEMUNDI	Gosani	305	7.4	67	26	70.9	0.16	1.5	8.54	22.4	6.5	170	100	54.92
GAJAPATI	PARLAKHEMUNDI	Kantragada	991	7.6	268	50	212.7	1.05	0.4	42.61	88.8	21.4	550	300	219.67
GAJAPATI	KASHINAGARA	Kasinagar	1190	8.1	262	36	283.6	0.8	2.8	45.02	138.5	16	653	275	214.75
GAJAPATI	MOHANA	Luhaguda	1181	8.06	323	82	230.425	1.05	0.2	76.69	26.2	34.7	612	520	264.75
GAJAPATI	MOHANA	Madhura-Amba	316	7.6	104	28	49.63	0.28	0.3	10.97	18.6	7	167	115	85.25
GAJAPATI	MOHANA	Mohana	384	7.6	128	34	56.72	1.41	0.1	4.9	38.9	9.5	208	105	104.92
GAJAPATI	PARLAKHEMUNDI	Narayanpur	190	7.65	67	12	24.815	0.07	14.2	6.09	9.7	3	103	55	54.92
GAJAPATI	PARLAKHEMUNDI	Parlakhemundi	494	7.9	104	36	102.805	1.02	0.9	21.93	27.7	11.4	253	180	85.25
GAJAPATI	PARLAKHEMUNDI	Raygarh	328	7.7	92	38	53.175	1.08	0.8	6.12	18.2	16.4	179	120	75.41
GAJAPATI	MOHANA	Taramala	581	7.9	195	30	88.625	0.907	5.4	37.72	22.5	25.2	307	230	159.84
GAJAPATI	PARLAKHEMUNDI	Tattipati	1074	7.9	262	28	237.515	0.69	0.2	71.76	76.5	33.4	579	365	214.75
GAJAPATI	RAYAGADA	Pegoda	195	7.3	79	12	24.815	0.2	0.1	9.74	12.2	2.5	101	70	64.75
GAJAPATI	GUMA	Parasamba	222	7.5	61	18	46.085	0.8	0.1	10.96	8.4	2.5	117	90	50
GAJAPATI	PARLAKHEMUNDI	Lavanya Khotta	520	7.65	183	56	88.625	0.88	0.1	13.44	28.8	6.2	284	195	150
GAJAPATI	PARLAKHEMUNDI	Miniliaon	309	7.8	122	34	28.36	0.94	0	7.34	16.6	3.3	150	115	100
GAJAPATI	PARLAKHEMUNDI	Garapanth	1591	7.7	354	90	372.225	1.45	0	64.54	124.5	5	833	490	290.16
GAJAPATI	MOHANA	Ladruma	291	7.2	110	34	38.995	0.43	0.2	6.12	11.7	3.8	150	110	90.16
GAJAPATI	MOHANA	Bada Khoni	250	7.6	110	22	21.27	0.37	3.3	7.32	14.2	7.4	130	85	90.16
GAJAPATI	MOHANA	Santhi Nagar	242	7.6	92	22	31.905	0.51	0.1	9.75	11.3	2.1	123	95	75.41
GANJAM	ASIKA	Aska	941	8.1	275	80	152.435	0.97	2.5	30.49	61.6	43.7	508	325	225.41
GANJAM	ASIKA	Badakholi	813	8.1	403	82	60.265	1.1	1.8	24.41	44.9	5.9	420	305	330.33

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
GANJAM	BELLAGUNTHA	Balipadar	770	8.1	348	74	81.535	0.96	1.7	19.54	52.9	12	415	265	285.25
GANJAM	PURUSOTTAMPUR	Banai	1049	8.2	305	76	212.7	1.25	4.8	24.41	98.6	12.8	581	290	250
GANJAM	JAGANATHPRASAD	Baragam	4013	7.9	409	260	1081.23	1.2	0.3	267.76	101.6	114	2029	1750	335.25
GANJAM	RANGILUNDA	Berhampur1	900	8.15	305	70	134.71	0.75	3.9	19.54	86.6	40.8	508	255	250
GANJAM	BHANJANAGAR	Bhanjanagar-i	150	7.8	61	10	17.725	0.43	0.1	8.52	5.9	3.7	77	60	50
GANJAM	BELLAGUNTHA	Bhanjanagar-ii	302	8.34	61	30	70.9	0.38	0.1	8.55	17.4	6	167	110	55
GANJAM	ASIKA	Bhetnai	720	8.1	275	36	88.625	0.72	0.2	36.51	54.2	5	358	240	225.41
GANJAM	BELLAGUNTHA	Buguda1	854	7.8	116	72	223.335	0.65	2.7	24.4	65.8	49.8	496	280	95.08
GANJAM	JAGANATHPRASAD	Chadeiapalli Chhak	605	7.9	171	54	120.53	0.57	0.1	34.1	12.2	13.1	319	275	140.16
GANJAM	JAGANATHPRASAD	Chamkahandi	382	7.6	122	32	60.265	0.5	0.5	9.76	30.1	13	207	120	100
GANJAM	CHHATRAPUR	Chatrapur1	970	7.8	171	44	230.425	0.51	0.2	31.66	105.4	44.7	542	240	140.16
GANJAM	CHIKITI	Chikiti	620	7.85	232	16	88.625	0.37	1.3	26.76	72.4	12	333	150	190.16
GANJAM	BHANJANAGAR	Dadralunda	512	7.63	183	18	70.9	0.31	4.6	23.12	49.5	14	272	140	150
GANJAM	DHARAKOTE	Dharkote	761	7.8	195	44	159.525	0.39	0.3	31.66	64.1	11.3	409	240	159.84
GANJAM	KUKUDAKHANDI	Digapandi	1260	8	336	36	230.425	0.5	21.5	38.94	158.5	48.2	702	250	275.41
GANJAM	RANGILUNDA	Dumdumi	734	7.9	183	44	155.98	0.36	1.7	10.99	95.2	14	413	155	150
GANJAM	DHARAKOTE	Gangapur	771	7.8	195	54	155.98	0.78	4	35.32	44.9	12	403	280	159.84
GANJAM	CHHATRAPUR	Ganjam	1400	8	275	60	301.325	0.42	11.2	36.54	175.2	101	822	300	225.41
GANJAM	BELLAGUNTHA	Gobara	1208	7.9	268	104	290.69	0.42	6.8	34.16	88.3	8.35	666	400	219.67
GANJAM	RANGILUNDA	Golabandha	1219	7.6	244	40	283.6	0.97	1	42.6	151.4	45.5	687	275	200
GANJAM	RANGILUNDA	Golanthara	2413	7.6	348	44	638.1	1.05	1.4	54.76	387	47.9	1347	335	285.25
GANJAM	RANGILUNDA	Gopalpur	1701	7.9	427	114	287.145	0.6	3.2	48.76	153.3	61.8	882	485	350
GANJAM	CHHATRAPUR	Govindpur1	1130	7.8	79	62	276.51	0.02	54.5	30.47	96.7	53.8	613	280	64.75
GANJAM	KAVISURJYANAGAR	Gudiali	1200	7.6	134	122	354.5	0.24	0.1	32.97	68.4	30.8	676	440	109.84
GANJAM	RANGILUNDA	Hinjalapalli	372	7.8	146	32	35.45	0.88	0	12.2	24.4	8.6	185	130	119.67
GANJAM	HINJLICUT	Hinjlikatu	2302	7.2	214	134	684.185	0.4	3	120.51	135.5	86.6	1270	830	175.41
GANJAM	GANJAM	Huma	2604	7.7	207	50	762.175	1.3	13.5	111.9	315	102	1458	585	169.67
GANJAM	CHHATRAPUR	Hummuri	865	7.4	189	66	184.34	1	4	25.61	68.3	48.9	492	270	154.92
GANJAM	JAGANATHPRASAD	Jagannathprasad	1211	7.8	336	40	212.7	1.1	0.5	19.5	185.5	43.5	669	180	275.41
GANJAM	CHIKITI	Jakara	453	7.9	195	46	24.815	0.7	0.1	11	27.8	42.5	250	160	159.84
GANJAM	PATRAPUR	Jarada1	326	7.4	110	32	53.175	0.33	3.4	7.33	20.4	5.3	176	110	90.16

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
GANJAM	PATRAPUR	Jayantipur	518	7.7	122	54	116.985	0.26	0.7	14.65	26.1	6.5	280	195	100
GANJAM	JAGANATHPRASAD	Jhadabhumi	400	7.9	177	42	46.085	0.1	0.2	14.64	17	5.8	215	165	145.08
GANJAM	ASIKA	K.nuagan	986	7.7	201	54	177.25	0.66	0.1	46.26	65.5	82.6	526	325	164.75
GANJAM	BELLAGUNTHA	Kalamb	454	7.8	128	46	77.99	0.24	0.2	11	24.5	15.6	239	160	104.92
GANJAM	CHHATRAPUR	Kamappalli	500	7.9	201	36	46.085	0.79	1.2	17.06	28.1	8.8	238	160	164.75
GANJAM	KUKUDAKHANDI	Kanakia	1102	7.75	183	50	248.15	0.5	4.7	42.61	98.7	51.7	588	300	150
GANJAM	BELLAGUNTHA	Karachuli	989	7.65	256	48	198.52	1.06	0.4	55.98	60.8	18.9	511	350	209.84
GANJAM	ASIKA	Kendupadar	370	7.25	73	32	85.08	0.27	0.9	12.2	22.1	10.7	199	130	59.84
GANJAM	KHALIKOTE	Khalikot	584	7.9	183	28	60.265	0.61	0.1	29.21	35.3	56.6	301	190	150
GANJAM	ASIKA	Khandrabali	1105	7.6	342	42	173.705	0.68	1.8	77.85	51.4	41.3	559	425	280.33
GANJAM	KHALIKOTE	Kodala	550	7.9	244	32	38.995	0.8	0.2	23.14	35.2	11.3	263	175	200
GANJAM	ASIKA	Koitra	1048	8.01	232	40	237.515	0.63	0.7	57.18	75.6	21.9	549	335	190.16
GANJAM	RANGILUNDA	Konishi	206	7.5	55	26	35.45	0.1	0.4	4.89	6.5	7	108	85	45.08
GANJAM	RANGILUNDA	Korapalli	1375	7.7	153	124	372.225	0.66	0.3	34.19	92.2	57.4	757	450	125.41
GANJAM	KUKUDAKHANDI	Kukudahandi	2123	8.02	549	132	400.585	0.3	29.5	60.94	191.8	103	1192	580	450
GANJAM	KUKUDAKHANDI	Lathi	352	6.8	61	40	92.17	0.09	4.6	10.99	10.8	6.8	196	145	50
GANJAM	BELLAGUNTHA	Lathipada	289	7.8	128	32	24.815	0.67	0.2	4.9	16.6	6.4	149	100	104.92
GANJAM	CHIKITI	Laxmipur1	481	7.4	85	46	106.35	0.62	0.2	11	28.4	24.2	259	160	69.67
GANJAM	RANGILUNDA	Mantridi	623	7.8	177	44	106.35	1	0.2	19.5	50.2	28.9	337	190	145.08
GANJAM	BHANJANAGAR	Mujhagarh	2239	7.53	73	210	709	0.6	1.7	58.61	125.9	43	1184	765	59.84
GANJAM	ASIKA	Mundamarai	623	7.5	146	44	92.17	0.35	3.4	9.78	69.6	64	356	150	119.67
GANJAM	CHHATRAPUR	Narendrapur	902	8.1	360	22	81.535	1.2	0.3	21.91	128.9	13	448	145	295.08
GANJAM	ASIKA	Nuagaon2	2201	7.23	305	160	485.665	0.6	32	105.96	98	143	1177	835	250
GANJAM	PURUSOTTAMPUR	Nuapalli	879	8.13	268	56	127.62	0.45	0.9	32.89	58.3	33.9	444	275	219.67
GANJAM	BELLAGUNTHA	Nunipada	1196	7.93	189	50	276.51	0.4	0.2	42.61	129.9	32.5	627	300	154.92
GANJAM	PATRAPUR	Patrapur1	809	8.22	390	18	38.995	1.9	0	32.84	97.3	7.8	390	180	319.67
GANJAM	RANGILUNDA	Phulata	1786	7.5	293	76	354.5	0.86	0.5	38.99	211.5	125	953	350	240.16
GANJAM	PURUSOTTAMPUR	Purusatampur	802	8.45	415	16	24.815	1	0.1	19.47	112	12	397	120	350.16
GANJAM	HINJILICUT	Pochilima	1790	8	464	118	336.775	0.5	54.5	36.61	163.4	95	1036	445	380.33
GANJAM	GANJAM	Poirasi	510	7.6	104	60	88.625	0.93	0.3	9.8	29.4	24.8	265	190	85.25
GANJAM	POLASARA	Polasora	1403	7.9	360	122	219.8	0.73	4.5	36.62	93.6	66.4	722	455	295.08
GANJAM	SANAKHEMUNDI	Pudamari	1020	7.9	311	100	124.08	0.71	2.5	43.89	35.8	39.4	501	430	254.92

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
GANJAM	SARGAD	Pudangi	823	7.8	281	10	131.165	0.79	0.3	47.42	82.7	19	431	220	230.33
GANJAM	PURUSOTTAMPUR	Purusatampur	617	7.8	232	34	56.72	1.99	0.1	13.41	65.5	85	302	140	190.16
GANJAM	KHALIKOTE	Rambha	1892	8.2	427	16	311.96	1.99	0.3	167.78	96.2	85	891	730	350
GANJAM	KUKUDAKHANDI	Ratanpur	603	8.1	256	40	35.45	1.1	0.1	24.36	38.5	40	306	200	209.84
GANJAM	KUKUDAKHANDI	Roigam	893	8.1	299	36	127.62	0.81	3.9	14.63	129.3	38	499	150	245.08
GANJAM	SURADA	Sorada	502	7.5	122	24	78	0.32	1.8	10.97	48.3	19	243	105	100
GANJAM	SARGAD	Subash Ch.Pur	816	7.7	317	72	81.5	0.66	0.1	29.26	43.6	22.7	407	300	259.84
GANJAM	DHARAKOTE	Suramani	645	7.92	214	52	88.6	0.44	0.2	21.95	39.8	22	332	220	175.41
GANJAM	PATRAPUR	Surangi	1959	8.15	555	108	230.4	0.69	7.5	113.19	86.5	78.2	901	735	454.92
GANJAM	CHIKITI	Surlaroad	385	7.06	104	36	70.9	0.2	1.9	9.77	20	8	199	130	85.25
GANJAM	JAGANATHPRASAD	Tarasingi	156	6.75	49	14	24.82	0.11	4.9	4.88	4.9	3	81	55	40.16
GANJAM	BHANJANAGAR	Tiisingi	901	7.1	195	60	180.8	0.44	15.3	26.82	60.5	32	473	260	159.84
JAGATSINGHAPUR	ERSAMA	Machgaon	440	7.9	268	54	21.27	0.39	2.5	14.65	27.5	8.4	263	195	219.67
JAGATSINGHAPUR	TIRTOL	Raghunathpur	716	7.5	104	68	124.08	0.72	13.4	9.81	58.3	79	405	210	85.25
JAGATSINGHAPUR	JAGATSINGHAPUR	Sinharpur	513	7.9	250	52	31.905	0.42	5	13.44	45.2	13.8	286	185	204.92
JAGATSINGHAPUR	JAGATSINGHAPUR	Nuapolbazar	1363	7.8	427	22	184	0.28	4.1	48.65	195.2	75.3	743	255	350
JAGATSINGHAPUR	JAGATSINGHAPUR	Mukundpur	426	7.8	183	44	38.995	0.085	2.1	17.07	25.2	33.7	252	180	150
JAGATSINGHAPUR	ERSAMA	Ersama2	1445	7.7	165	64	386.405	0.26	31.6	46.27	121.6	21	753	350	135.25
JAGATSINGHAPUR	KUJANG	Kujang	1329	7.8	433	22	191.43	0.26	2.2	47.44	195.3	65	739	250	354.92
JAGATSINGHAPUR	BALIKUDA	Balikuda2	447	7.9	268	64	21.27	0.16	1.3	9.8	26.6	5	262	200	219.67
JAGATSINGHAPUR	KUJANG	Badapal	507	7.7	195	48	39	0.25	6	13.43	27.6	10	241	175	159.84
JAGATSINGHAPUR	KUJANG	Balarampur	503	7.7	201	52	42.54	0.22	5.6	11	29.6	7	248	175	164.75
JAGATSINGHAPUR	JAGATSINGHAPUR	Balia Store	732	7.5	104	64	120.53	0.9	8.2	11.02	66.7	85	407	205	85.25
JAGATSINGHAPUR	ERSAMA	Balituth	1201	7.76	171	64	308.4	0.21	37	34.12	114.2	26	669	300	140.16
JAGATSINGHAPUR	JAGATSINGHAPUR	Govindpur	385	7.8	183	46	14.18	0.37	2.9	11	12.9	8.6	187	160	150
JAGATSINGHAPUR	TIRTOL	Kanakpur	450	7.8	226	50	21.27	0.18	2.8	9.79	25.6	19	242	165	185.25
JAGATSINGHAPUR	KUJANG	Kujang	449	7.7	201	56	31.905	0.24	6.8	12.22	10.5	2	220	190	164.75
JAGATSINGHAPUR	JAGATSINGHAPUR	Kumartota chak	510	7.9	281	50	35.45	0.45	5.5	18.3	43.9	13	306	200	230.33
JAJAPUR	SUKINDA	Ambasar	350	7.8	189	20	10.635	0.54	1.3	13.4	35.9	1.7	177	105	154.92
JAJAPUR	SUKINDA	Chinguripal	400	7.8	189	22	28.36	0.45	1.2	14.61	42.7	2.9	207	115	154.92
JAJAPUR	DHARMASALA	Dharmasala	500	7.8	195	28	67.355	0.25	1.4	24.35	49	3.4	271	170	159.84
JAJAPUR	SUKINDA	Dubri	500	7.8	195	32	63.81	0.25	1.3	20.71	45.9	3.4	265	165	159.84

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
JAJAPUR	BADACHANA	Haridaspur	500	7.9	195	32	63.81	0.25	1.3	20.71	46.4	3.1	265	165	159.84
JAJAPUR	DANAGADI	Jakhpura	180	7.5	98	12	7.09	0.05	1.2	5	18.6	1.5	94	50	80.33
JAJAPUR	SUKINDA	Kalarangi	260	8.2	122	14	17.725	0.37	1.5	2.45	37.8	1.1	135	45	100
JAJAPUR	DHARMASALA	Madhupurgarh	450	7.9	232	32	24.815	0.45	1.2	13	42.9	2.7	233	135	190.16
JAJAPUR	DHARMASALA	Neulpur	300	7.8	159	22	17.725	0.5	1.2	13	24.3	1.9	160	110	130.33
JAGATSinghapur	JAGATSinghapur	Gopinathpur	1340	7.9	366	90	170.16	0.33	24.5	41.44	108.4	65	682	395	300
JAJAPUR	BINJHARPUR	Singpur	450	8.2	238	36	21.27	0.4	1.4	12	38.3	3.3	231	140	195.08
JAJAPUR	SUKINDA	Sukinda	300	7.8	153	24	21.3	0.46	1.2	2	42.5	2.2	170	70	125.41
JAJAPUR	SUKINDA	Ragedi 1	300	7.8	153	26	14.18	0.51	1.2	7	24	1.9	151	95	125.41
JAJAPUR	DHARMASALA	Senoi	120	7.4	37	6	17.725	0.15	1.2	2	10	3	58	25	30.33
JAJAPUR	DHARMASALA	Purunabavlamola	410	7.36	122	18	24.815	0.67	1.2	1	43.1	3.8	153	50	100
JAJAPUR	DANAGADI	Phuljhore	500	7.8	159	28	74.445	0.17	1.2	17	45.8	10.9	257	140	130.33
JHARSUGUDA	JHARSUGUDA	Badmal	820	7.21	366	68	53.175	0.884	7	27	58	33	429	280	300
JHARSUGUDA	JHARSUGUDA	Belpahar	400	7.8	195	34	21.27	0.26	3	18	22	22	218	160	159.84
JHARSUGUDA	LAKHANPUR	Bhikhampali	110	7.5	55	12	7.09	0.162	0.4	2	8	2	59	40	45.08
JHARSUGUDA	JHARSUGUDA	Brajrajnagar	400	7.7	195	36	21.27	0.222	2	17	21	21	216	160	159.84
JHARSUGUDA	JHARSUGUDA	Jharsuguda1	500	7.7	195	36	49.63	0.558	1	7	60	23	274	120	159.84
JHARSUGUDA	LAKHANPUR	Katarbaga	730	7.5	250	50	85.08	0.417	6	23	64	29	382	220	204.92
JHARSUGUDA	LAIKERA	Kirimera	500	7.5	275	40	17.725	0.624	0.4	27	22	0.13	245	210	225.41
JHARSUGUDA	LAKHANPUR	Lakhanpur	400	7.7	201	40	21.27	0.482	1	18	13	0	194	175	164.75
JHARSUGUDA	LAKHANPUR	Panchagaon	100	7.4	37	10	14.18	0.143	0.4	2	7	2	54	35	30.33
JHARSUGUDA	LAIKERA	Sahaspur	400	7.4	110	48	70.9	0.148	2	9	22	14	221	155	90.16
JHARSUGUDA	LAKHANPUR	Singarpur	80	7.1	43	10	3.545	0.098	0.5	2	3	0	41	35	35.25
KALAHANDI	BHAWANIPATNA	Attanguda	980	7.08	207	96	202.065	0.217	1.8	40	40.2	35.4	519	405	169.67
KALAHANDI	JUNAGARH	Badbasul	2570	7.79	671	40	404.13	3.48	1.3	94	368	162	1405	485	550
KALAHANDI	JUNAGARH	Baldiamal	660	7.75	201	50	70.9	0.463	2.1	27	43		344	235	164.75
KALAHANDI	JAYAPATNA	Baner	740	7.76	226	90	106.4	0.213	6.8	21	23.2	26.8	387	310	185.25
KALAHANDI	BHAWANIPATNA	Bawanipatna	380	7.66	165	42	35.5	0.236	2.7	16	6.9	3.8	189	170	135.25
KALAHANDI	LANJIGARH	Biswanathppur	460	7.68	177	42	46.085	0.418	1.2	17	22.4	15.5	233	175	145.08
KALAHANDI	JUNAGARH	Chiliguda1	940	7.6	250	86	148.89	0.186	1	40	43.1	32.4	476	380	204.92
KALAHANDI	GOLAMUNDA	Daspur	2540	7.64	305	70	560.11	0.191	15	202	112	128	1239	1005	250
KALAHANDI	DHARAMAGARH	Dharamgarh	1290	7.57	262	82	248.15	0.213	1.4	70	68.2	56.4	657	495	214.75

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
KALAHANDI	GOLAMUNDA	Golmunda	850	7.68	421	44	46.085	1.36	4.5	29	88.5	12.3	435	230	345.08
KALAHANDI	THUAMUL RAM PUR	Gunupur	390	7.75	122	44	56.72	0.311	0.9	17	4.5	10.6	195	180	100
KALAHANDI	JAYAPATNA	Jaipatna	1130	7.56	207	72	230.425	0.476	2.2	75	33.3	48.4	565	490	169.67
KALAHANDI	KALAMPUR	Kalampur	390	7.67	201	40	14.18	0.181	3.5	13	16.1	8.9	196	155	164.75
KALAHANDI	GOLAMUNDA	Kegaon	500	7.15	214	44	38.995	0.273	4.4	24	15.2	13.3	247	210	175.41
KALAHANDI	KOKASARA	Koksara	1520	7.61	342	50	258.785	0.64	4	91	118	89	782	500	280.33
KALAHANDI	MADANPUR RAMPUR	Madanpur1	500	7.77	232	32	35.45	0.907	0.5	29	24.9	6.5	244	200	190.16
KALAHANDI	JUNAGARH	Mahichala	1080	7.58	159	82	223.3	0.245	2	63	48	86.8	585	465	130.33
KALAHANDI	BHAWANIPATNA	Malgaon	540	7.5	226	48	42.54	0.548	1.8	28	10.8	18.2	262	235	185.25
KALAHANDI	MADANPUR RAMPUR	M-rampur	440	7.73	195	38	28.36	0.286	6.8	19.5	17	6.03	213	175	159.84
KALAHANDI	JAYAPATNA	Mukhiguda	690	7.58	293	58	67.355	0.344	4.5	37.76	30	11.5	356	300	240.16
KALAHANDI	LANJIGARH	Narla	1270	7.5	348	108	212.7	0.365	2.2	66.99	39.9	49.3	653	545	285.25
KALAHANDI	BHAWANIPATNA	Pastikudi1	950	7.38	146	94	230.425	0.209	19.4	31.72	42	14.5	505	365	119.67
KALAHANDI	KARLAMUNDA	Risida	650	7.63	293	60	46.085	0.265	0.1	36.54	7.9	13.4	310	300	240.16
KALAHANDI	BHAWANIPATNA	Sargigora	480	7.66	177	40	60.27	0.498	0.4	14.64	34.8	8	247	160	145.08
KALAHANDI	KOKASARA	Sunamala	2550	7.68	659	60	386.405	0.889	0.8	132.58	271	167	1346	695	540.16
KALAHANDI	JUNAGARH	Tal Jaring	430	7.66	128	44	42.54	0.521	2.8	17.07	7.2	32.3	210	180	104.92
KALAHANDI	NARALA	Tulapada	320	7.77	146	42	21.27	0.306	0.2	8.56	5.9	3.7	155	140	119.67
KALAHANDI	KESINGA	Tundala	1250	7.67	415	104	134.71	0.81	0.7	60.91	46.1	51.5	606	510	340.16
KALAHANDI	JUNAGARH	Charbahal	660	7.76	171	62	109.895	0.228	21	34.11	34	32	345	295	140.16
KALAHANDI	JUNAGARH	Junagarh 1	620	7.65	146	58	102.805	0.261	1.2	21.95	30.8	31.7	320	235	119.67
KENDRAPARA	KENDRAPARA	Shyamsundarpur	450	7.7	165	36	42.54	0.17	3.6	15.85	26.5	24.3	231	155	135.25
KENDRAPARA	DERA BIS	Dalbi	800	7.8	305	16	106.35	0.12	6.3	9.74	142.5	4.5	438	80	250
KENDRAPARA	KENDRAPARA	Jamdhar	700	7.8	244	32	81.535	0.139	3.8	21.92	84.2	42	388	170	200
KENDRAPARA	KENDRAPARA	Chandibazar	750	7.8	244	32	109.895	0.28	7.6	8.55	107.6	21	409	115	200
KENDRAPARA	KENDRAPARA	Kajala	350	7.8	159	38	14.18	0.19	0.8	9.77	18.3	3.3	182	135	130.33
KENDRAPARA	KENDRAPARA	Jajanga	650	7.97	189	54	102.805	0.13	1.5	24.38	41.2	33	351	235	154.92
KENDRAPARA	PATTAMUNDAI	Aul(Ali)	650	7.9	165	70	109.895	0.261	2.2	17.1	44.2	31.7	359	245	135.25
KENDRAPARA	DERA BIS	Chandola	750	7.6	268	34	81.535	1.23	3	26.79	80.6	38	398	195	219.67
KENDRAPARA	KENDRAPARA	Duhuria	350	7.75	146	32	24.815	0.78	0.6	15.84	19.4	16	182	145	119.67

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
KENDRAPARA	MARSA GHAI	Hatia	440	7.8	171	36	56.72	0.76	3.1	15.85	28.1	17.7	243	155	140.16
KENDRAPARA	KENDRAPARA	Kasoti	450	7.8	183	40	38.995	0.1	4.5	15.85	26.6	24.3	242	165	150
KENDRAPARA	KENDRAPARA	Kendrapara1	300	7.7	146	28	17.725	0.15	0.5	13.41	17.1	17.4	167	125	119.67
KENDRAPARA	DERA BIS	Laxminarayanpur	300	7.8	140	24	31.905	0.15	1.7	13.4	22.9	2	166	115	114.75
KENDRAPARA	MAHAKALA PADA	Mahakalpara	600	7.8	226	46	70.9	0.18	2.6	15.86	48.3	17	314	180	185.25
KENDUJHAR	TELKOI	Akul	300	7.3	134	24	17.725	0.394	3	9.75	19	5	146	100	109.84
KENDUJHAR	JHUMPURA	Badaposhi	400	7.1	207	12	14.18	0.19	0.5	24.33	28	3.3	185	130	169.67
KENDUJHAR	PATANA	Balaniposi	450	7.5	195	44	31.905	0.705	0.5	14.64	26	7.5	222	170	159.84
KENDUJHAR	GHASIPURA	Balarampur	500	7.8	153	30	60.27	0.41	3	20.7	37	21	249	160	125.41
KENDUJHAR	JODA	Barbil	500	7.9	153	24	56.72	0.441	3	23.13	36	21	240	155	125.41
KENDUJHAR	GHASIPURA	Barpada	250	7.9	128	24	14.18	0.392	3	8.54	18	7	139	95	104.92
KENDUJHAR	ANANDPUR	Belbahali	300	7.8	153	20	18	0.462	1.5	9.75	31	3.8	161	90	125.41
KENDUJHAR	TELKOI	Benamunda	300	7.9	140	40	24.815	0.209	1.3	1.26	28	5.4	171	105	114.75
KENDUJHAR	JODA	Bhadrasahi	350	7.8	189	10	10.6	0.193	0.5	24.33	26	1.9	168	125	154.92
KENDUJHAR	ANANDPUR	Bhagamunda	350	7.8	140	24	24.815	0.318	13.6	14.62	17	19.5	184	120	114.75
KENDUJHAR	TELKOI	Bimala	300	7.9	134	28	24.82	0.219	0.8	4.9	27	4.91	158	90	109.84
KENDUJHAR	GHASIPURA	Birgovindpur	300	7.8	153	18	17.725	0.537	1	9.75	31	4.24	158	85	125.41
KENDUJHAR	GHASIPURA	Deogan1	400	7.8	134	40	60.265	0.362	0.5	14.64	20	4.94	208	160	109.84
KENDUJHAR	GHATGAON	Dhangadiha	1100	7.9	299	42	159.5	0.306	58	20.72	125	78.1	633	190	245.08
KENDUJHAR	GHATGAON	Gadadharpur	450	7.8	183	38	31.91	0.434	14	19.5	16	19.2	230	175	150
KENDUJHAR	SAHARAPADA	Gajitangri	1150	8	342	48	155.98	0.34	56	18.29	143	82.9	675	195	280.33
KENDUJHAR	HATADIHI	Ghasipur	450	8	159	40	56.72	0.392	0.5	19.5	19	7.9	223	180	130.33
KENDUJHAR	GHATGAON	Ghatgaon	1100	8	311	40	134.71	0.34	60	20.71	131	78.2	620	185	254.92
KENDUJHAR	KENDUJHARGARH	Gopalpur2	400	8.1	140	34	46.085	0.273	0.9	14.63	25	17.3	208	145	114.75
KENDUJHAR	HARICHADANPUR	Harichandanpur	1100	8	329	42	127.62	0.449	60	21.93	127	78.7	622	195	269.67
KENDUJHAR	KENDUJHARGARH	Haridagot	350	8	140	24	38.995	0.223	1	12.19	28	6	180	110	114.75
KENDUJHAR	TELKOI	Jagmohanpur	500	8	244	40	24.815	0.389	1.2	18.28	30	7.2	243	175	200
KENDUJHAR	GHATGAON	Janghira	90	8	43	6	3.545	0.072	0.3	4.87	4	3.73	44	35	35.25
KENDUJHAR	CHAMPUA	Jaymangalpur	420	8	220	36	18	0.286	0.8	19.49	18	5	207	170	180.33
KENDUJHAR	JHUMPURA	Jhumpura	300	8	165	24	7.09	0.344	0.3	7.32	22	2.9	146	90	135.25
KENDUJHAR	CHAMPUA	Jodipada	350	7.9	183	14	14.18	0.261	0.3	24.33	18	5.8	168	135	150
KENDUJHAR	TELKOI	Kaliahata	150	7.9	73	12	7.09	0.082	0.3	3.66	12	1	73	45	59.84
KENDUJHAR	BANSPAL	Kanjipani	100	7.7	55	12	3.545	0.053	0.4	2.45	4	1	50	40	45.08

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
KENDUJHAR	JHUMPURA	Karanja 1	700	8	293	48	53.175	0.195	33	18.29	55	28.4	382	195	240.16
KENDUJHAR	JHUMPURA	Katalaposhi	400	8	146	40	46.085	0.157	22	6.13	26	20.2	233	125	119.67
KENDUJHAR	PATANA	Kendeiposhi	450	8	128	40	60.3	0.405	2.4	7.34	48	33.9	256	130	104.92
KENDUJHAR	KENDUJHARGARH	Keonjhargarh	350	8.1	153	30	31.905	0.78	0.3	10.98	24	7.4	181	120	125.41
KENDUJHAR	GHASIPURA	Kesurdapal	350	7.9	159	30	31.905	0.173	0.3	13.41	23	3.9	182	130	130.33
KENDUJHAR	PATANA	Khiritangiri	500	8	159	34	60.265	0.419	2.6	12.2	49	32.7	270	135	130.33
KENDUJHAR	PATANA	Kothaghar	500	7.9	232	62	39	0.055	0.3	12.23	27	16.1	272	205	190.16
KENDUJHAR	PATANA	Malliposi	300	8	85	34	42.54	0.138	3.2	9.77	8	20.3	161	125	69.67
KENDUJHAR	JODA	Nalda2	500	7.9	177	52	64	0.15	2	11	33	18.8	269	175	145.08
KENDUJHAR	KENDUJHARGARH	Padampur2	500	7.9	153	52	63.81	0.156	2	8.57	33	20.2	257	165	125.41
KENDUJHAR	TELKOI	Padang	500	7.9	165	60	70.9	0.281	0.3	12.23	28	17.1	271	200	135.25
KENDUJHAR	KENDUJHARGARH	Palasponga	250	8.1	116	24	17.725	0.245	0.2	4.89	21	1.88	128	80	95.08
KENDUJHAR	CHAMPUA	Parsora	300	7.9	122	36	21.27	0.245	0.6	3.69	16	7.5	146	105	100
KENDUJHAR	GHATGAON	Patilo	450	7.8	146	42	85.08	0.407	1	17.07	28	7.2	253	175	119.67
KENDUJHAR	GHATGAON	Pipilia1	400	7.7	122	50	63.81	0.275	0.4	6.14	28	13.8	223	150	100
KENDUJHAR	SAHARAPADA	Saharpara	400	7.9	146	34	42.54	0.139	17	7.34	26	20.5	220	115	119.67
KENDUJHAR	CHAMPUA	Sasang	550	8	183	30	60.265	0.109	32	10.98	53	27	305	120	150
KENDUJHAR	HARICHADANPUR	Sonapent	400	7.7	110	36	67.355	0.304	0.4	12.2	29	16	216	140	90.16
KENDUJHAR	BANSPAL	Suakati	350	8	195	52	7.09	0.186	0.3	4.93	11	2	175	150	159.84
KENDUJHAR	SAHARAPADA	Swampatna	350	8	140	16	35.5	0.238	0.6	18.25	25	16	181	115	114.75
KENDUJHAR	PATANA	Tangarpada	400	7.9	146	34	39	0.829	7	13.41	26	29	221	140	119.67
KENDUJHAR	TELKOI	Telkoi	300	7.7	128	28	17.73	0.289	1	7.33	20	11.6	149	100	104.92
KENDUJHAR	PATANA	Turmunga	300	7.8	134	30	17.7	0.231	0.6	7.33	17	6.8	146	105	109.84
KENDUJHAR	SAHARAPADA	Udaipur	300	7.8	140	28	17.725	0.142	1.2	6.11	20	10.2	153	95	114.75
KENDUJHAR	JHUMPURA	Ukunta	350	7.8	134	40	35.5	0.19	2.8	3.7	26	13.6	189	115	109.84
KENDUJHAR	TELKOI	Gonasika	90	7.6	43	8	3.545	0.084	0.3	3.66	4	2.3	44	35	35.25
KENDUJHAR	TELKOI	Khuntapada	250	7.8	122	18	17.725	0.148	1.4	8.53	20	3	130	80	100
KENDUJHAR	TELKOI	Pitanali	300	7.9	171	26	3.545	0.216	0.4	13.4	16	2.2	147	120	140.16
KENDUJHAR	ANANDPUR	Nuagaon	150	7.8	73	24	7.09	0.173	0.5	0.03	5	2.9	76	60	59.84
KENDUJHAR	GHATGAON	Melana	400	7.6	171	24	24.815	0.221	0.3	19.48	22	4.9	181	140	140.16
KENDUJHAR	KENDUJHARGARH	Naranpur	450	7.6	153	44	38.995	1.05	10	9.78	27	27.7	234	150	125.41
KHORDHA	KHORDHA	Khurda	320	7.2	61	20	70.9	0.12	21.6	2.46	35.5	4.4	185	60	50

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
KHORDHA	BHUBANESWAR	Kuha	150	7.3	43	18	21.27	0.068	3	4.88	105	8	78	65	35.25
KHORDHA	BALIANATA	Kundaiderapatna	850	7.5	232	36	131.17	0.21	30.6	29.22	73.6	46.4	463	210	190.16
KHORDHA	TANGI	Nirakarpur	250	7.9	79	14	35.45	0.07	3.9	12.17	16.1	9.2	130	85	64.75
KHORDHA	JATANI	Niranjanpur	70	7.3	31	6	7.09	0.086	0.7	2.44	3.5	0	35	25	25.41
KHORDHA	BALIPATANA	Odakhanda-DW	750	8.2	305	42	81.54	0.137	0	25.58	64.6	6.2	373	210	250
KHORDHA	JATANI	Padanpur	150	7.7	37	4	28.36	0.036	3.1	7.3	12.8	3.2	77	40	30.33
KHORDHA	BALIPATANA	Panikata	220	7.5	55	18	39	0.22	9	6.1	16	9.7	125	70	45.08
KHORDHA	BHUBANESWAR	Patia	300	7.8	98	24	31.91	0.17	18	6.11	14.6	18.5	162	85	80.33
KHORDHA	BOLAGAD	Pichkuli	330	7.5	37	12	74.4	0.092	6.5	7.31	42.6	34.7	196	60	30.33
KHORDHA	BHUBANESWAR	Raghunathpur	350	7.6	128	36	49.63	0.098	7.7	7.34	20.9	4.1	189	120	104.92
KHORDHA	BHUBANESWAR	Sundarpada	186	7.5	67	16	21.27	0.073	3.1	6.1	11.6	4.1	96	65	54.92
KHORDHA	TANGI	Tangi2	150	7.3	18	2	42.54	0.044	0.6	6.08	20	1.3	81	30	14.75
KHORDHA	BHUBANESWAR	Menthasala	320	7.8	98	24	39	0.176	25	4.89	21	15.7	179	80	80.33
KHORDHA	BHUBANESWAR	Chandaka	350	7.8	140	24	31.905	0.168	48.5	7.32	14.9	22.7	219	90	114.75
KHORDHA	BHUBANESWAR	Tamando	240	7.5	61	8	35.45	0.77	4.1	14.6	15.7	14.4	123	80	50
KHORDHA	KHORDHA	Jayamangal	70	7.4	31	8	7.09	0.051	0.3	2.44	2	1	36	30	25.41
KHORDHA	BEGUNIA	Begunia	310	7.3	49	12	74.445	0.051	11.6	9.74	33.1	5.8	171	70	40.16
KHORDHA	JATANI	Sandhapur	60	7.4	18	8	10.635	0.043	0.2	1.23	2.1	0.3	31	25	14.75
KHORDHA	BEGUNIA	Baghmari	74	7.4	18	4	10.635	0.07	0.4	3.65	2.5	1	32	25	14.75
KHORDHA	BALIPATANA	Balakati	388	7.7	116	36	46.085	0.078	8.4	12.2	21.3	34.6	216	140	95.08
KHORDHA	BALIPATANA	Balipatna	90	7.4	31	6	10.64	0.05	0.4	6.09	1.9	2.3	43	40	25.41
KHORDHA	CHILIKA	Balugaon	500	7.8	177	28	60.265	0.047	47.4	8.54	38.8	23.6	296	105	145.08
KHORDHA	BHUBANESWAR	Bhubaneswar-i	360	7.7	73	36	49.63	0.068	5.6	8.55	21.6	34.8	193	125	59.84
KHORDHA	TANGI	Bhusundapur	80	7.45	37	10	7.1	0.048	0.3	2.44	1.9	1	41	35	30.33
KHORDHA	BOLAGAD	Bolagarh	240	7.42	61	12	42.5	0.069	4.4	10.96	18.1	11	130	75	50
KHORDHA	JATANI	Gobindpur	70	7.3	12	8	14.18	0.082	0.7	1.23	4.3	2.5	37	25	9.84
KHORDHA	KHORDHA	Khurda Industrial Area	150	7.5	37	4	28.4	0.038	0.7	6	18.7	3.7	80	35	30.33
KORAPUT	LAMPTAPUT	Lamtaput	320	7.61	134	46	28.36	0.091	0.2	4.92	13.8	6.6	167	135	109.84
KORAPUT	KOTPAD	Miriguda	160	7.69	67	12	14.18	0.08	0.3	8.52	7.3	1.5	78	65	54.92
KORAPUT	BOIPARIGUDA	Mundaguda	100	7.75	43	8	3.545	0.054	0.2	2.44	4.1	1	40	30	35.25

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
KORAPUT	NANDAPUR	Nandapur	100	7.39	43	10	10.635	0.06	0.1	4.87	2.6	2.4	52	45	35.25
KORAPUT	JEYPUR	Panasaputbagh	120	7.2	49	6	10.635	0.089	0.1	8.52	2.7	3.5	56	50	40.16
KORAPUT	BOIPARIGUDA	Patraput	190	7.08	79	16	17.725	0.156	0.2	9.74	6.2	2.9	93	80	64.75
KORAPUT	SIMILIGUDA	Pitaguda	100	7.3	43	14	10.635	0.095	0.1	3.66	2.1	0.97	53	50	35.25
KORAPUT	DASAMANTAPUR	Podagada	180	7.25	98	12	7.09	0.106	0.1	12.17	4.69	1.5	86	80	80.33
KORAPUT	POTTANGI	Potangi	240	7.26	61	12	46.085	0.086	2.5	12.17	15.7	1.2	120	80	50
KORAPUT	BORIGUMA	Sasanhandi-ii	150	7.72	49	10	24.815	0.094	0.9	8.52	7.5	2.1	79	60	40.16
KORAPUT	NANDAPUR	Soguru	200	7.34	79	20	21.27	0.099	1.1	6.1	9.9	3.6	101	75	64.75
KORAPUT	BOIPARIGUDA	Tanginiguda	170	7.32	67	8	17.725	0.075	0.1	13.38	4.1	2.31	79	75	54.92
KORAPUT	NANDAPUR	Chingudichuan	140	7.53	61	12	10.635	0.067	0.1	9.74	1.2	2.6	67	70	50
KORAPUT	NANDAPUR	Satsimile	160	7.32	31	20	35.45	0.072	0.1	6.1	1.1	1.6	80	75	25.41
KORAPUT	SIMILIGUDA	Subai	100	7.22	49	12	7.09	0.086	0.1	4.88	0.9	2.08	52	50	40.16
KORAPUT	JEYPUR	Anta	730	7.9	244	54	95.715	0.189	0.2	36.54	34.1	28.3	370	285	200
KORAPUT	BOIPARIGUDA	Baipariguda	180	7.93	85	14	7.09	0.075	0.2	8.53	9.7	6.4	89	70	69.67
KORAPUT	KUNDURA	Bajiguda	240	7.68	110	16	17.7	0.138	1.4	13.39	10.9	5.3	119	95	90.16
KORAPUT	JEYPUR	Balia	460	7.53	122	34	78	0.182	0.6	15.84	35.2	13.5	238	150	100
KORAPUT	BORIGUMA	Bangalaguda	260	7.66	110	30	24.82	0.193	1.9	8.55	9.8	5.4	136	110	90.16
KORAPUT	BORIGUMA	Boriguma	320	7.76	122	26	42.54	0.218	0.9	14.62	11.5	3.5	160	125	100
KORAPUT	JEYPUR	C.kusimi-i	520	7.66	140	34	95.715	0.175	4.8	24.35	25.7	7.2	261	185	114.75
KORAPUT	KOTPAD	Chandli	350	7.62	122	30	49.63	0.175	2.3	13.41	17.8	7.7	181	130	100
KORAPUT	JEYPUR	C-kusumi-ii	260	7.7	92	30	35.45	0.08	0.8	3.68	18.7	2.8	138	90	75.41
KORAPUT	KOTPAD	Damanahandi	130	7.68	24	6	28.36	0.073	12.1	4.87	5.4	1.41	70	35	19.67
KORAPUT	DASAMANTAPUR	Dasmanthapur	120	7.42	67	20	3.545	0.089	0.2	2.46	1.8	2.8	64	60	54.92
KORAPUT	KORAPUT	Deoghati	240	7.39	122	24	14.18	0.125	0.6	9.75	7.4	2.7	120	100	100
KORAPUT	BOIPARIGUDA	Dhaulapur	120	7.59	55	14	7.09	0.085	0.2	3.66	2.5	1.2	56	50	45.08
KORAPUT	BOIPARIGUDA	Doraguda	550	7.27	183	50	81.535	0.159	0.6	24.37	26.1	10.7	284	225	150
KORAPUT	LAKSHMIPUR	Mandalguda Colony	210	7.32	79	14	21.27	0.121	0.1	15.82	1	5.7	98	100	64.75
KORAPUT	KOTPAD	Gumur	170	7.36	55	12	24.815	0.061	0.6	8.52	8.7	1.04	84	65	45.08
KORAPUT	JEYPUR	Jyantigiri	410	7.38	134	32	63.81	0.177	0.5	21.92	19.6	8.5	213	170	109.84
KORAPUT	JEYPUR	Jeypore1	700	7.62	214	52	116.985	0.179	1.5	28.02	55.3	16.8	378	245	175.41
KORAPUT	BORIGUMA	Jujari	300	7.82	140	28	21.27	0.185	1.7	13.41	11.3	8.4	154	125	114.75

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
KORAPUT	JEYPUR	Kenduguda	180	7.61	85	12	17.725	0.224	0.8	8.52	11.3	3	96	65	69.67
KORAPUT	BORIGUMA	Khaliaguda	120	7.58	43	10	14.18	0.082	0.2	7.31	2.5	5.4	61	55	35.25
KORAPUT	JEYPUR	Konga	160	7.39	79	12	10.635	0.075	0.8	9.74	5.4	1.6	80	70	64.75
KORAPUT	KORAPUT	Koraput-i	580	7.42	256	56	42.54	0.129	0.9	29.24	14.7	12.1	283	260	209.84
KORAPUT	KOTPAD	Kotpad	290	7.71	98	22	38.995	0.127	0.6	9.75	18.4	4.02	143	95	80.33
KORAPUT	SIMILIGUDA	Kunduli	220	7.68	92	16	21.27	0.109	0.2	10.96	10.7	3.5	109	85	75.41
KORAPUT	LAKSHMIPUR	Kusumguda	140	7.61	55	10	14.18	0.091	0.3	8.52	4	2.2	67	60	45.08
MALKANGIRI	MALKANGIRI	Malkangiri 1	1230	7.3	153	92	194.975	0.53	1.8	18.35	94	75	552	305	125.41
MALKANGIRI	KORKUNDA	Balimela	601	7.7	220	26	38.995	0.92	1.3	31.64	33.2	23	264	195	180.33
MALKANGIRI	MATHILI	Bejaguda	319	7.9	165	40	21.27	0.52	1.7	3.7	17.9	2	169	115	135.25
MALKANGIRI	KORKUNDA	Chitapari	910	7.6	226	38	77.99	0.34	3	21.93	85.4	81	420	185	185.25
MALKANGIRI	MATHILI	Katameta	462	7.7	98	42	67.355	0.19	2	10.99	18	5	194	150	80.33
MALKANGIRI	KORKUNDA	M.V.7	380	7.8	128	42	39	0.6	1.9	19.5	22.4	15	203	185	104.92
MALKANGIRI	KUDUMULUGUM	Parkannala	868	7.9	165	54	88.625	0.54	37.7	23.16	36.6	1	387	230	135.25
MALKANGIRI	MATHILI	Pongam	485	7.7	98	44	88.625	0.54	1.7	9.78	27.5	1	222	150	80.33
MALKANGIRI	MALKANGIRI	Sindhimal	430	7.9	134	38	42.54	0.55	1.6	6.12	23	1	179	120	109.84
MALKANGIRI	MALKANGIRI	Kumbharguda	321	7.9	153	36	17.73	0.52	1.9	4.91	17.6	2	157	110	125.41
MALKANGIRI	KHAIRPUT	Mundiguda	960	7.7	153	42	141.8	0.3	7.7	35.31	68.5	56	428	250	125.41
MAYURBHANJ	KUSUMI	Naujara	350	8.09	171	26	24.815	1.79	4.53	18.27	14.25	7.32	180	140	140.16
MAYURBHANJ	THAKUR MUNDA	Satkosia	350	7.92	159	20	28.36	0.082	6	7.32	41.15	7.7	190	80	130.33
MAYURBHANJ	SAMAKHUNTA	Shamakunta	200	7.76	104	18	7.09	0.095	2.6	8.53	6.95	1.5	97	80	85.25
MAYURBHANJ	GOPA BANDHU NAGAR	Similibandh	270	7.52	128	16	21.27	0.072	4.3	7.31	29.1	3.6	145	70	104.92
MAYURBHANJ	SULIA PADA	Sullyapada	230	7.83	116	22	10.635	0.064	0.1	8.54	10.1	3.1	113	90	95.08
MAYURBHANJ	THAKUR MUNDA	Thakurmunda	260	7.6	73	18	42.54	0.06	0.2	13.39	17.38	12.2	140	100	59.84
MAYURBHANJ	TIRINGI	Tiring	290	8.18	159	30	10.635	0.08	1.8	15.84	2.34	2.8	143	140	130.33
MAYURBHANJ	KARANJIA	Tongabila Chhak	320	8.2	171	30	10.635	0.106	1.8	15.84	2.34	2.1	154	140	140.16
MAYURBHANJ	KAPTIPADA	Udala	190	8.08	92	12	10.635	0.06	3.7	13.39	2	3.3	91	85	75.41
MAYURBHANJ	KOLIANA	Pathuri	270	8	85	16	35.45	0.06	5.38	8.53	23	14.8	146	75	69.67
MAYURBHANJ	BISOI	Jaonirdiha	430	7.88	171	34	49.63	0.2	5.93	19.49	21	2.9	218	165	140.16
MAYURBHANJ	BISOI	Ambadiha	180	7.93	85	14	10.635	0.168	5.49	7.31	8.2	3.2	91	65	69.67

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
MAYURBHANJ	BANGIRIPOSI	Rajabasa	260	7.99	128	20	14.18	0.09	2	12.18	12.7	2.7	128	100	104.92
MAYURBHANJ	KOLIANA	Kuchei	400	7.87	177	32	21.27	0.14	1.8	15.84	25.78	25.1	210	145	145.08
MAYURBHANJ	KARANJIA	Dari	400	7.96	153	54	46.085	0.08	2.5	11.01	9	4.9	204	180	125.41
MAYURBHANJ	RASA-GOBINDAPUR	Amarda village	900	8.2	287	14	92.17	0.492	25.9	69.31	40.45	85.3	470	320	235.25
MAYURBHANJ	THAKUR MUNDA	Asanbani	111	7.33	37	6	28.36	0.127	2.97	6.09	15.52	8.59	86	40	30.33
MAYURBHANJ	BAR SAHI	Badasahi	400	8.15	146	18	63.81	0.152	13.5	14.61	50.12	10	243	105	119.67
MAYURBHANJ	BIJA TOLA	Bademtolia	240	8.06	140	32	17.73	0.157	4.54	9.76	14.25	7.7	156	120	114.75
MAYURBHANJ	BAHALDA	Bahalda	550	7.9	165	42	70.9	0.221	2.56	23.15	25.24	10	256	200	135.25
MAYURBHANJ	BAHALDA	Bahalda Road(kona)	530	8.04	165	40	70.9	0.246	2.59	24.36	25.75	11.4	257	200	135.25
MAYURBHANJ	SARAS KANA	Bangriposi	330	8.06	153	32	28.36	0.191	20.9	10.98	18.56	15.9	203	125	125.41
MAYURBHANJ	BARIPADA	Baripada	500	7.41	128	38	88.625	0.086	4.87	12.2	43.57	10.9	262	145	104.92
MAYURBHANJ	BANGIRIPOSI	Bedhakudar	750	8.28	232	32	120.5	0.68	5.58	32.86	66.79	28.1	402	215	190.16
MAYURBHANJ	JASHI PUR	Begna	780	8.18	238	34	120.5	0.721	5.44	32.86	66.59	30.3	409	220	195.08
MAYURBHANJ	BAR SAHI	Belam	220	8	79	22	24.8	0.126	6.23	7.32	10.01	7.38	117	85	64.75
MAYURBHANJ	BISOI	Bhatachhatra	1380	7.8	195	76	326.1	0.265	3.69	81.54	63.7	29.3	677	525	159.84
MAYURBHANJ	BISOI	Bisoi	200	7.91	85	20	17.725	0.131	6.37	7.32	9.72	7	110	80	69.67
MAYURBHANJ	KHUNTA	Brundabanchan	320	8.15	171	26	10.6	0.324	2.37	13.4	17.14	8.52	163	120	140.16
MAYURBHANJ	KARANJIA	Chadheibhol	150	7.45	49	8	17.725	0.132	2.65	3.66	15.9	8.08	81	35	40.16
MAYURBHANJ	THAKUR MUNDA	Champajhar	300	8.34	177	34	10.635	0.15	2.51	13.41	12.74	7.64	172	140	150.08
MAYURBHANJ	RAIRANG PUR	Champrai	160	8.09	67	14	17.7	0.152	2.55	6.1	10.71	8.27	93	60	54.92
MAYURBHANJ	BANGIRIPOSI	Chandanpur	270	8.36	128	30	14.18	0.395	2.34	6.11	16.89	7.32	144	100	109.92
MAYURBHANJ	MURUDA	Chitrada	330	8.39	159	20	10.6	0.4	6.15	18.26	15.79	6.05	162	125	140.33
MAYURBHANJ	BETA NATI	Dhanpur	1100	8.42	299	22	148.89	0.38	28	49.87	104.67	36.8	546	260	255.08
MAYURBHANJ	BAHALDA	Gambharia	470	8.21	146	40	63.8	0.157	7.25	9.77	36.62	6.43	237	140	119.67
MAYURBHANJ	BETA NATI	Hatjori	345	8.42	153	16	7.1	0.355	6.24	20.69	16.07	5.86	158	125	140.41
MAYURBHANJ	SUKRULI	Indupur	150	8.23	55	12	14.2	0.166	3.09	2.45	13.88	6.31	79	40	45.08
MAYURBHANJ	RARUAN	Itighar	1250	7.99	159	56	276.51	0.256	3.71	69.36	64.9	32.3	582	425	130.33
MAYURBHANJ	JAMDA	Jamda	400	7.96	134	38	53.175	0.137	7.22	6.12	36.52	7.32	215	120	109.84
MAYURBHANJ	BANGIRIPOSI	Jamsola	1070	8.33	329	22	145.345	0.592	29.3	52.3	109.8	36.6	560	270	269.67
MAYURBHANJ	JASHI PUR	Jamukeswar	150	7.96	55	8	17.725	0.179	3.56	3.66	18.19	4.66	84	35	45.08

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
MAYURBHANJ	BANGIRIPOSI	Jharpokhari	250	8.25	116	20	17.725	0.44	2.33	9.75	16.91	5.61	131	90	95.08
MAYURBHANJ	RARUAN	Jhunkapal	150	7.94	49	8	21.27	0.179	4.71	2.44	19.34	2	82	30	40.16
MAYURBHANJ	JASHI PUR	Joshipur	150	7.8	61	14	17.725	0.118	3.15	2.45	13.9	3	84	45	50
MAYURBHANJ	KARANJIA	Karanja2	240	8.2	110	36	21.27	0.146	4.4	0.04	14.49	8.14	139	90	90.16
MAYURBHANJ	THAKUR MUNDA	Kendujani	450	8.18	159	22	56.72	0.142	13.8	13.4	49.23	10.6	245	110	130.33
MAYURBHANJ	KARANJIA	Kendumundi	200	8.05	61	16	31.905	0.082	3.88	6.1	13.8	6.24	108	65	50
MAYURBHANJ	KUSUMI	Kherna	200	7.83	61	18	28.36	0.074	3.84	2.45	18.91	6.43	108	55	50
MAYURBHANJ	RARUAN	Khiching	410	8.03	159	50	46.085	0.113	25.6	7.35	12.34	11.6	232	155	130.33
MAYURBHANJ	GOPA BANDHU NAGAR	Khunta	590	8.2	189	38	88.625	0.157	11.8	9.77	66.96	6.88	317	135	154.92
MAYURBHANJ	SULIA PADA	Kostha	420	8.06	159	36	49.63	0.374	2.98	14.63	28.64	6.75	219	150	130.33
MAYURBHANJ	BETA NATI	Krishnachandrap	140	7.76	43	10	21.27	0.108	3.16	2.44	14.5	8.4	81	35	35.25
MAYURBHANJ	KOLIANA	Kuliana	150	7.99	67	20	14.18	0.09	2.87	2.46	7.66	5.67	86	60	54.92
MAYURBHANJ	THAKUR MUNDA	Mahuldia	370	8.2	171	40	24.815	1.74	4.5	10.99	14.09	8.78	189	145	140.16
MAYURBHANJ	JASHI PUR	Mananda	450	8.25	189	18	28.36	0.388	2.62	31.63	16.75	7.76	200	175	154.92
MAYURBHANJ	BISOI	Manda	170	7.86	61	14	17.725	0.163	4.76	3.66	14.45	6.88	92	50	50
MAYURBHANJ	JASHI PUR	Matigarh	200	7.66	73	18	24.815	0.117	3.73	6.1	13.14	6.5	109	70	59.84
MAYURBHANJ	JAMDA	Moranda	600	8.02	159	42	92.17	0.163	4.02	10.99	61.49	6.81	297	150	130.33
MAYURBHANJ	THAKUR MUNDA	Nada	200	7.78	55	22	35.45	0.116	3.4	1.24	18.43	7	115	60	45.08
NABARANGAPUR	NANDAHANDI	Daibata	550	7.8	183	50	85.1	0.11	3	32.88	2.8	1.3	267	260	150
NABARANGAPUR	PAPARAHANDI	Dengaguda	140	8	61	8	10.635	0.09	1.2	1.23	19.7	1.3	72	25	50
NABARANGAPUR	TENTULIKHUNTI	Digi	320	7.6	128	32	38.995	0.065	1.4	4.9	29.4	1.9	173	100	104.92
NABARANGAPUR	KOSAGUMUDA	Karchamal	700	7.9	238	26	95.715	0.12	15.1	14.62	100	21.3	392	125	195.08
NABARANGAPUR	KOSAGUMUDA	Kodinga	80	8.1	37	8	7.1	0.04	1.2	2.44	5	1.7	44	30	30.33
NABARANGAPUR	KOSAGUMUDA	Kosagumunda	190	7.6	67	4	17.725	0.04	1.2	7.3	25.3	14.8	104	40	54.92
NABARANGAPUR	NANDAHANDI	Kurlaghati	450	6.8	98	32	92.17	0.04	3.1	7.33	53.1	14.1	250	110	80.33
NABARANGAPUR	NANDAHANDI	Nandahandi	200	7.7	98	10	14.18	0.21	1.2	6.09	24.1	1.1	106	50	80.33
NABARANGAPUR	NANDAHANDI	Rangamatiguda	200	7.6	98	28	17.725	0.078	1.5	1.25	16	1.7	115	75	80.33
NABARANGAPUR	NABARANGAPUR	Baksaguda	270	7.8	146	16	7.1	0.91	1.3	6.1	30.5	1.5	135	65	119.67
NABARANGAPUR	KOSAGUMUDA	Dadia-Majhiguda	250	7.7	61	12	53.175	0.05	1.7	6.09	31	1.1	135	55	50
NABARANGAPUR	DABUGAN	Debugaon	250	7.9	104	18	21.27	0.09	2.1	7.32	22.2	12	135	75	85.25
NABARANGAPUR	JHARIGAN	Jharigan	800	7.8	177	52	113.44	0.13	6.3	20.73	90.1	91	462	215	145.08

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
NABARANGAPUR	PAPARAHANDI	Maidalpur1	490	7.7	171	42	67.355	0.14	1.8	18.29	33.8	5	253	180	140.16
NABARANGAPUR	UMARKOTE	Umarkot	450	7.8	122	30	95.72	0.37	1.3	3.68	63.4	8	263	90	100
NAYAGARH	GANIA	Banigocha	680	7.9	262	68	77.99	0.139	2.08	25.61	29.76	13.2	348	275	214.75
NAYAGARH	BHAPUR	Bhapur1	540	7.92	146	48	85.08	0.161	1.49	23.16	22.65	25.6	279	215	119.67
NAYAGARH	DASAPALLA	Daspalla-i	900	8.29	348	18	85.08	0.496	14.5	34.06	114.8	39.8	480	185	285.25
NAYAGARH	NAYAGARH	Etamati	390	8.15	165	28	35.45	0.355	3.06	9.76	36.52	8.2	204	110	135.25
NAYAGARH	GANIA	Gania	260	7.99	104	14	24.815	0.192	5.73	13.39	14.54	5.15	129	90	85.25
NAYAGARH	GANIA	Ghholahandi	760	7.92	220	54	113.44	0.201	9.51	20.73	69.04	37.1	414	220	180.33
NAYAGARH	DASAPALLA	Jogibandh	850	8.22	415	24	49.63	0.78	5.6	63.24	50.97	12.6	413	320	340.16
NAYAGARH	KHANDAPADA	Kana Singhi	530	8.3	232	22	46.085	0.291	1.47	19.48	59.54	10	274	135	190.16
NAYAGARH	BHAPUR	Kandapara	580	8.11	177	44	92.17	0.229	4.37	24.37	32.59	16	302	210	145.08
NAYAGARH	BHAPUR	Kantilo	420	8.14	207	30	17.725	0.302	7.37	17.06	25.05	5	206	145	169.67
NAYAGARH	DASAPALLA	Kuluru Kumpa	420	8.22	220	24	17.725	0.437	0.43	23.13	23.53	3.84	203	155	180.33
NAYAGARH	KHANDAPADA	Kumbharpara	690	8.3	256	18	70.9	0.656	29	10.96	97.5	30.1	385	90	209.84
NAYAGARH	NUAGAON	Mahipur	560	8.11	195	44	60.265	0.261	11.2	18.29	38.3	33.9	303	185	159.84
NAYAGARH	NAYAGARH	Nayagarh	470	8.16	214	24	28.36	0.215	10	24.34	28	10.7	232	160	175.41
NAYAGARH	BHAPUR	Nuabausabati	510	8.1	122	52	88.625	0.941	1.32	21.95	15.89	25.8	267	220	100
NAYAGARH	NUAGAON	Nuagaon1	1520	8.39	689	18	53.175	3.28	1.4	18.26	297	19.5	812	120	664.75
NAYAGARH	ODAGAON	Odagaon	440	8.12	177	32	42.54	0.235	4.16	13.41	36.25	12.9	229	135	145.08
NAYAGARH	NAYAGARH	Purusottampur	1120	8.22	244	34	184.34	0.267	9.6	43.81	131	90.9	616	265	200
NAYAGARH	RANAPUR	Ranpur 1	480	8.2	201	40	38.995	0.219	16.9	9.77	35.3	18.1	260	140	164.75
NAYAGARH	NUAGAON	Sapada	230	7.97	85	18	28.36	0.177	3.66	8.53	13.07	5.22	120	80	69.67
NAYAGARH	ODAGAON	Sarankul	620	8.09	177	36	99.26	0.461	4.71	18.28	61.66	20.1	328	165	145.08
NAYAGARH	ODAGAON	Solopata	690	8.21	207	26	99	0.653	4.51	34.07	62.15	25.4	355	205	169.67
NAYAGARH	DASAPALLA	Subalaya	740	8.21	281	36	77.99	0.656	2.45	38.94	52.2	27.4	376	250	230.33
NAYAGARH	GANIA	Takara	1280	8.45	397	82	120.53	0.633	0.26	81.55	30.28	33	612	540	435.41
NAYAGARH	ODAGAON	Gotisahi	320	8.25	128	22	35.45	0.305	0.94	10.97	24.93	4.6	163	100	104.92
NAYAGARH	RANAPUR	Darpa-Narayanpur	220	8.04	79	12	28.36	0.085	4.11	8.52	17.42	4.2	115	65	64.75
NAYAGARH	RANAPUR	Bherupada	290	7.94	104	28	35.5	0.129	11.3	4.9	17.5	9.2	158	90	85.25
NAYAGARH	DASAPALLA	Rangamatia	580	7.98	220	50	53.175	0.197	1.01	28.02	21	19.6	283	240	180.33
NAYAGARH	RANAPUR	Koilama	240	7.98	122	16	10.635	0.532	0.62	9.74	16.42	3.6	118	80	100

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
NAYAGARH	GANIA	Arakata	750	8.1	238	32	113.4	0.311	1.26	35.29	68.7	21.7	391	225	195.08
NAYAGARH	KHANDAPADA	Jhada Gadia	490	8.3	207	32	46.085	1.06	1.22	8.55	59.71	9.4	261	115	169.67
NAYAGARH	GANIA	Kholisara	430	8.19	183	24	35.45	0.133	1.16	18.26	33.25	15.6	219	135	150
NUAPADA	NUAPADA	Darimunda	350	8.19	159	32	28.36	0.454	0.94	12.2	26.03	5.98	185	130	130.33
NUAPADA	NUAPADA	Somarsingh	350	8.22	177	50	17.725	0.209	2.41	2.49	16.44	4.96	182	135	145.08
NUAPADA	BODEN	Boden	750	7.8	268	24	85.1	2.1	3	35.28	73.5	35	390	205	219.67
NUAPADA	KHARIAR	Khudpej	550	7.7	189	30	60.3	0.567	12	24.35	41	22	284	175	154.92
NUAPADA	KHARIAR	Lachhipur	700	7.6	214	54	85	0.912	1	28.03	44	52	371	250	175.41
NUAPADA	SINAPALI	Nilji	650	7.7	195	32	95.715	0.811	38	30.43	41	30	364	205	159.84
NUAPADA	KHARIAR	Tukla	1250	8.14	458	28	113.4	1.23	2	65.68	110	83	631	340	375.41
NUAPADA	KHARIAR	Bargaon-k	345	8	140	30	28.36	0.47	0.69	14.62	14.3	1	159	135	114.75
NUAPADA	KHARIAR	Khariar	400	7.8	189	28	31.905	0.31	1.6	20.7	24.5	5	207	155	154.92
NUAPADA	KHARIAR	Sanmaheswar	550	7.8	110	34	53.175	0.15	10.4	18.28	50.9	98	319	160	90.16
NUAPADA	NUAPADA	Godphula	450	7.98	171	32	46.085	0.162	3.2	15.84	37.53	4.11	224	145	140.16
NUAPADA	KOMANA	Kurumpuri	450	7.97	159	24	35.45	0.144	1.61	25.56	28.98	4.28	218	165	130.33
NUAPADA	NUAPADA	Nawapara	440	8.24	159	52	53.2	0.123	0.79	13.44	18.3	5.13	222	185	130.33
NUAPADA	NUAPADA	Sirthol	400	8.07	165	36	38.995	0.127	1.51	17.06	22.25	6.66	205	160	135.25
NUAPADA	KOMANA	Tarbod	1000	7.55	159	78	28.36	0.454	4.11	46.29	50.3	5.98	520	385	130.33
NUAPADA	NUAPADA	Sahipala	950	7.73	189	62	184.34	0.134	58.4	31.68	54.84	44.1	530	285	154.92
PURI	SATYABADI	Algum	70	6.8	24	4	10.635	0.113	1.4	1.22	8.4	1	38	15	19.67
PURI	BRAHMAGIRI	Alipada	950	7.7	268	40	152.4	0.1	0	8.56	152.3	56	544	135	219.67
PURI	ASTARANGA	Astarang	450	7.5	140	28	63.81	0.068	21.1	9.76	44.3	22	259	110	114.75
PURI	NIMAPADA	Balanga	3800	7.9	635	32	868.5	0.75	22	65.68	675	143	2124	350	520.49
PURI	GOP	Baleswarpatna	380	7.6	128	6	42.54	0.28	3.1	3.65	69.5	14.5	204	30	104.92
PURI	SADAR	Baliguari	380	7.6	140	6	46.085	0.255	3	6.09	67.6	7	206	40	114.75
PURI	PIPIL	Bantalsingh	350	7.8	159	48	35.45	0.27	1.3	6.14	16.8	3	190	145	130.33
PURI	GOP	Bhanti	1000	7.8	183	58	233.97	0.14	21.3	12.23	115.6	34	566	195	150
PURI	SADAR	Birapratappur	1450	7.9	397	92	234	0.18	21.7	31.72	124.1	60	762	360	325.41
PURI	BRAHMAGIRI	Budhiabar	1050	7.8	275	36	152	0.18	166	4.91	96.8	56	649	110	225.41
PURI	GOP	Balighai	300	7.3	153	40	21.27	0.17	8.8	4.91	10	1.2	163	120	125.41
PURI	SADAR	Chandanpur	1450	7.9	458	110	205.61	0.17	26.1	25.66	159.3	59	815	380	375.41
PURI	DELANGA	Delang	830	7.7	366	24	74.445	0.55	21.6	7.32	141.5	2.5	454	90	300

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
PURI	NIMAPADA	Garapada	1290	7.7	397	78	212.7	0.12	26.5	29.27	121.3	29	695	315	325.41
PURI	BRAHMAGIRI	Girala	1100	7.8	183	76	209.155	0.13	55	30.48	72	60	594	315	150
PURI	BRAHMAGIRI	Gokhara	950	7.6	232	48	173.705	0.24	3.6	51.12	65.9	38	496	330	190.16
PURI	GOP	Gop	1091	7.8	238	48	219.79	0.112	31.8	20.72	115.5	37	592	205	195.08
PURI	BRAHMAGIRI	Gopinathpur1	947	7.6	195	60	177.25	0.23	3.3	38.97	65.6	39	482	310	159.84
PURI	ASTARANGA	Juinti	1050	7.8	226	48	219.79	0.112	20.9	31.67	105	32	571	250	185.25
PURI	KAKAT PUR	Konark 1	310	7.7	159	40	21.27	0.065	6.2	8.56	7.1	5	168	135	130.33
PURI	GOP	Madrang	280	7.5	122	32	28.36	0.13	4.9	8.55	8.1	2	145	115	100
PURI	PIPIL	Mangalpur	350	7.9	140	46	35.45	0.25	0.7	7.35	14.2	4	177	145	114.75
PURI	GOP	Marad	300	7.5	146	28	24.815	0.14	4.8	14.62	8.6	2	156	130	119.67
PURI	PIPIL	Maunimatha	300	7.7	134	20	21.27	0.22	1.5	15.83	15.9	5	147	115	109.84
PURI	SATYABADI	Nuasamsarpur	3200	8	561	32	623.92	0.9	20.5	72.98	550	168	1748	380	459.84
PURI	SADAR	Pratapramchand	3550	7.8	543	38	779.9	0.64	25	59.61	649	119	1942	340	445.08
PURI	SADAR	Puri town	1220	7.9	403	128	177.25	0.08	31.5	15.96	83.4	37	675	385	330.33
PURI	GOP	Ramchandi	450	7.6	122	30	70.9	0.06	11.5	14.62	33.6	21	243	135	100
PURI	BRAHMAGIRI	Rebana nuagaon	1138	7.8	183	76	212.27	0.12	42	31.7	82	58	594	320	150
PURI	SATYABADI	Sadanandapur	300	7.7	128	24	21.27	0.23	2	7.32	18	7	143	90	104.92
PURI	ASTARANGA	Tikarpara1	296	7.6	122	38	28.36	0.07	9.7	3.69	6.7	5	153	110	100
PURI	SADAR	Totasahi	928	7.6	238	58	173.705	0.23	3.2	31.68	72.4	35	493	275	195.08
PURI	SADAR	Tulasichoura-Malatipatur	2311	7.6	427	40	471.49	0.26	21	37.73	341	98	1223	255	350
PURI	SATYABADI	Uansdiha	305	7.7	122	28	31.91	0.224	2.1	8.54	18.5	8.7	159	105	100
PURI	PIPIL	Dandamkundpur	307	7.7	134	42	35.45	0.27	0.9	4.91	17.3	3	171	125	109.84
PURI	NIMAPADA	Chhanijanga	900	7.8	342	36	116.985	0.143	130	23.14	45	2	524	185	280.33
PURI	SATYABADI	Sakhigopal	2283	7.5	403	34	460.85	0.255	16.5	37.73	365	63	1179	240	330.33
RAYAGADA	PADMAPUR	Padampur2	651	7.9	183	66	70.9	0.22	10.9	11.02	41.2	33	325	210	150
RAYAGADA	RAYAGADA	Shirikona	471	7.9	171	52	35.45	0.34	1.7	13.44	18.2	17	223	185	140.16
RAYAGADA	KOLNARA	Therabali	729	7.7	250	26	67.4	0.45	1.7	24.34	85.7	21	351	165	204.92
RAYAGADA	RAMANGUDA	Bangi Chowk	274	7.9	134	22	14.18	0.39	0.8	10.97	18.2	1	134	100	109.84
RAYAGADA	RAMANGUDA	Tandikana	590	7.7	128	56	88.625	0.33	1.4	21.95	21.2	23	276	230	104.92
RAYAGADA	RAMANGUDA	Kodapadu	312	7.8	140	34	17.73	0.2	1.6	9.77	9.3	1	144	125	114.75
RAYAGADA	PADMAPUR	Nua Dakasikula	1541	7.5	153	50	226.88	0.54	29.5	18.3	158	112	671	200	125.41

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
RAYAGADA	MUNIGUDA	Ambadola	118	7.5	37	10	17.73	0.18	8.2	3.66	5	1.4	65	40	30.33
RAYAGADA	PADMAPUR	Akhusingi	1250	7.9	317	40	109.895	0.15	49.1	20.71	98.1	50	527	185	259.84
RAYAGADA	GUNUPUR	Dambasara	1501	7.5	323	48	173.7	0.13	35.1	32.88	118.9	75	645	255	264.75
RAYAGADA	KASHIPUR	Gorakhpur	50	7.3	18	4	7.09	0.04	1.6	2.44	2.8	1	27	20	14.75
RAYAGADA	RAMANGUDA	Gumda	318	7.8	146	34	21.27	0.31	2	10.98	16	3	160	130	119.67
RAYAGADA	RAYAGADA	Gumma	303	7.8	171	36	14.18	0.47	1.8	13.42	13.3	2	166	145	140.16
RAYAGADA	GUNUPUR	Gunupur1	208	7.6	43	22	50	0.34	2	3.67	14.6	1	115	70	35.25
RAYAGADA	KASHIPUR	Kaliapada	90	7.6	31	2	14.18	0.11	2	6.08	6.4	1	47	30	25.41
RAYAGADA	KASHIPUR	Kashipur	43	7.3	12	4	7.09	0.041	1.4	1.22	2.3	0	22	15	9.84
RAYAGADA	PADMAPUR	Kenduguda	1471	7.5	134	80	315.505	0.54	2	48.72	105.5	17	636	400	109.84
RAYAGADA	KOLNARA	Mukundpur	198	7.6	79	22	21.27	0.22	2	6.11	9.3	1	101	80	64.75
RAYAGADA	PADMAPUR	Narainpur	128	7.6	67	14	14.18	0.15	1.2	6.1	6.9	3	79	60	54.92
SAMBALPUR	JUJOMURA	Amlipani	280	7.5	110	22	31.905	0.377	0.4	9.75	21	4	144	95	90.16
SAMBALPUR	JAMANKIRA	Badarama	350	7.5	122	36	53.175	0.322	2	18.28	2.3	8	180	165	100
SAMBALPUR	JUJOMURA	Badsahir	300	7.7	134	20	21.27	0.367	0.4	12.18	22	12	155	100	109.84
SAMBALPUR	BAMRA	Bamra	650	7.4	201	44	77.99	0.236	18	24.37	40	52	356	210	164.75
SAMBALPUR	JUJOMURA	Bhabanipali	600	7.9	232	72	35.45	0.807	2	20.75	19	59	324	265	190.16
SAMBALPUR	RAIRAKHOL	Bhaluchuan	600	7.5	299	36	21.27	1.37	4	25.57	44	32	313	195	245.08
SAMBALPUR	KOCHINDA	Boxma	620	7.7	226	38	88.625	0.486	3	13.42	73	0.3	329	150	185.25
SAMBALPUR	RAIRAKHOL	Charmal	370	7.7	189	46	21.27	0.464	1.6	9.78	13	0.86	187	155	154.92
SAMBALPUR	NAKTIDEUL	Daincha	300	7.6	122	34	46.085	0.186	0.3	17.06	6	2	166	155	100
SAMBALPUR	JUJOMURA	Hathibari	550	7.8	189	44	53.18	0.537	2	18.29	41	35	288	185	154.92
SAMBALPUR	JUJOMURA	Jayantpur	350	7.8	165	24	17.725	0.397	0.5	17.05	21	20	183	130	135.25
SAMBALPUR	JUJOMURA	Jujhumura	300	7.7	140	42	17.725	0.183	3.3	3.7	11	13	161	120	114.75
SAMBALPUR	BAMRA	Kesaibahal	400	7.5	110	46	81.535	0.132	2.3	9.78	20	4	219	155	90.16
SAMBALPUR	KOCHINDA	Kuchinda	500	7.6	268	28	17.725	0.311	2	34.07	17	14	247	210	219.67
SAMBALPUR	KOCHINDA	Kusumi	600	7.7	214	60	67.355	0.558	4	26.82	21	20	306	260	175.41
SAMBALPUR	JUJOMURA	Malgun	190	7.5	79	24	14.18	0.354	2	4.89	7	8	100	80	64.75
SAMBALPUR	JUJOMURA	Maneswar	2260	7.8	311	196	538.84	0.399	2	113.29	86	110	1201	955	254.92
SAMBALPUR	RAIRAKHOL	Mochibahal	450	7.7	189	50	49.63	0.19	1	15.86	21	20	252	190	154.92
SAMBALPUR	JUJOMURA	Mundher	550	7.8	238	42	56.72	0.533	2	19.5	38	21	298	185	195.08
SAMBALPUR	NAKTIDEUL	Naktideol	900	7.5	146	72	173.705	0.253	1	38.99	51	51	461	340	119.67

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
SAMBALPUR	JUJOMURA	Nidungri	470	7.7	262	20	14.18	0.205	2	36.49	17	6	226	200	214.75
SAMBALPUR	MANESWAR	Parmanpur	190	7.5	61	20	10.635	0.347	3	6.1	8	32	110	75	50
SAMBALPUR	JAMANKIRA	Phasimal	500	7.7	201	68	60.265	0.308	0.6	15.89	7	16	268	235	164.75
SAMBALPUR	RAIRAKHOL	Rairakhol(rampu)	550	7.5	299	40	17.725	1.37	2	21.93	42	3	276	190	245.08
SAMBALPUR	DHANKAUDA	Sason1	400	7.8	195	46	17.725	0.269	1.4	11	19	20	213	160	159.84
SAMBALPUR	NAKTIDEUL	Simlipal Chawk	140	7.4	43	12	21.27	0.066	5	3.66	8	3	75	45	35.25
SAMBALPUR	JAMANKIRA	Subarna Pali	600	7.7	207	36	81.535	0.423	3	9.77	65	2	301	130	169.67
SAMBALPUR	KOCHINDA	Telililamal	600	7.7	183	60	70.9	0.561	3	21.95	22	32	301	240	150
SAMBALPUR	NAKTIDEUL	Chandrapura	160	7.3	55	10	21.27	0.561	8	6.09	9	4	86	50	45.08
SAMBALPUR	NAKTIDEUL	Majhipal	75	7.3	31	8	7.09	0.062	4	1.23	3	2	41	25	25.41
SAMBALPUR	NAKTIDEUL	Terebera	500	7.2	262	40	21.27	0.595	1	26.79	19	2	241	210	214.75
SAMBALPUR	KOCHINDA	Paruabhari	400	7.5	98	44	67.355	0.138	2	8.56	20	16	207	145	80.33
SAMBALPUR	MANESWAR	Donaipalli	300	7.7	140	40	17.725	0.137	2	3.7	11	4	149	115	114.75
SAMBALPUR	JUJOMURA	Gargarbahal	200	7.4	61	26	7.09	0.347	1.5	2.46	7	32	106	75	50
SAMBALPUR	JUJOMURA	Koakud	340	7.6	165	28	21.27	0.324	0.6	19.48	9	2	162	150	135.25
SAMBALPUR	JAMANKIRA	Jamankira 1	200	7.4	79	26	24.815	0.335	2	0.03	20	14	126	65	64.75
SAMBALPUR	JAMANKIRA	Kadalipali	230	7.6	116	26	14.18	0.197	1.6	7.33	9	2	118	95	95.08
SAMBALPUR	MANESWAR	Baragaon	290	7.9	134	32	17.725	0.372	3.5	10.98	9.3	4.4	145	125	109.84
SAMBALPUR	MANESWAR	Batemura	530	7.9	287	24	35.45	0.327	6.1	43.79	18.3	1.5	273	240	235.25
SAMBALPUR	MANESWAR	Chiplima	250	8.1	116	30	17.725	0.248	3.7	8.55	4.3	7.5	130	110	95.08
SAMBALPUR	DHANKAUDA	Christianpara	470	8.1	195	22	31.9	0.862	18.5	21.91	30.1	15.3	237	145	159.84
SAMBALPUR	MANESWAR	Deogaon	250	8.1	110	28	17.725	0.293	1.2	10.97	5.1	3.2	121	115	90.16
SAMBALPUR	MANESWAR	Dhama	420	7.93	201	22	28.36	0.412	1.2	20.69	30.4	0.84	204	140	164.75
SAMBALPUR	MANESWAR	Dhanupalli	680	8.1	177	38	120.53	0.333	3	23.14	66.3	20.7	360	190	145.08
SAMBALPUR	DHANKAUDA	Golgunda	190	8.2	67	20	17.725	0.248	1.4	4.89	9.2	13.8	101	70	54.92
SAMBALPUR	MANESWAR	Gosala	1010	7.9	165	54	191.43	0.446	13.5	36.54	91.4	78	547	285	135.25
SAMBALPUR	DHANKAUDA	Goudpalli	990	8	220	30	219.79	0.395	5.2	29.21	134.1	5.6	534	195	180.33
SAMBALPUR	MANESWAR	Gunderpur	720	8.23	183	62	124.075	0.384	1	31.68	34.3	35.2	380	285	150
SAMBALPUR	DHANKAUDA	Hirakud	400	7.9	153	32	42.54	0.547	1	15.84	25.7	13.8	208	145	125.41
SAMBALPUR	DHANKAUDA	Jamadarpali	470	8.4	256	30	7.09	0.643	1	30.43	14.8	7.9	222	200	214.84
SAMBALPUR	DHANKAUDA	Jugipali	570	8.2	153	58	78	0.66	2.8	6.15	49.8	36.9	308	170	125.41
SAMBALPUR	MANESWAR	Larasara	450	8.4	232	64	21	0.412	4.4	11.02	3.1	1.2	224	205	195.16

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
SAMBALPUR	MANESWAR	Maltisubanpur	880	8.5	311	66	103	0.26	42.2	32.9	51.1	33	490	300	264.92
SAMBALPUR	MANESWAR	Remerha	440	8.1	201	48	21	0.468	1.2	4.92	35.8	21	233	140	164.75
SAMBALPUR	MANESWAR	Rupapali	380	8	153	24	43	0.851	1	10.97	36.8	2	194	105	125.41
SAMBALPUR	MANESWAR	Sahaspur	2340	7.9	415	42	521	0.829	5	109.46	275	89	1249	555	340.16
SAMBALPUR	MANESWAR	Gainpura	980	8	390	28	110	0.282	56.2	64.46	38	14.3	506	335	319.67
SAMBALPUR	MANESWAR	Chhachanpali	530	8.2	281	12	21	0.541	1	20.68	67	4.6	267	115	230.33
SAMBALPUR	MANESWAR	Khunti	380	8.2	110	28	21	0.344	1	19.48	13.7	71	209	150	90.16
SONAPUR	DUNGURIPALI	Charuapali	300	8.14	140	16	17.7	0.38	3.43	15.82	19.48	5.61	148	105	114.75
SONAPUR	ULUNDA	Danipali	750	8.32	311	44	74.4	0.23	49	17.07	53.5	13.8	407	180	254.92
SONAPUR	DUNGURIPALI	Gajabandhu	300	8.11	146	20	21.3	0.1	2.36	18.26	7.46	2.43	145	125	119.67
SONAPUR	ULUNDA	Jhamchhapar	350	8.09	146	16	39	0.22	4.42	26.76	17.66	3.97	181	150	119.67
SONAPUR	DUNGURIPALI	Karlajuri	1200	7.68	104	86	308.4	0.1	49.7	18.34	90.22	78	682	290	85.25
SONAPUR	SONEPUR	Khari	500	8.08	238	14	46.085	0.76	1	12.17	75.87	10.5	279	85	195.08
SONAPUR	BINIKA	Koiramunda	550	7.86	140	30	81.535	0.1	12.9	19.49	38.98	37.9	290	155	114.75
SONAPUR	ULUNDA	Mahada	550	7.8	189	34	78	0.03	7.52	21.92	33.69	17.8	287	175	154.92
SONAPUR	BINIKA	Mahadevpali	350	8.15	140	22	39	0.1	1.05	20.69	11.06	11.4	176	140	114.75
SONAPUR	ULUNDA	Metakani	3300	7.68	146	168	904	0.1	3.25	251.85	63.28	248	1711	1455	119.67
SONAPUR	TARBHA	Palsapadar	900	8.1	226	34	145.345	0.48	2.91	58.39	47.99	57.7	459	325	185.25
SONAPUR	ULUNDA	Phulmuthi	1500	7.81	31	70	421.9	0.39	135	31.69	130.25	87.7	892	305	25.41
SONAPUR	BINIKA	Rampur	380	8.28	189	28	24.815	0	2.72	13.41	23.26	2.76	189	125	154.92
SONAPUR	ULUNDA	S Patrapali	450	8.23	214	24	31.9	0.42	9.24	19.48	28.66	13.5	233	140	175.41
SONAPUR	DUNGURIPALI	Samalaichuan	700	8.28	220	36	113.4	0.22	1	31.65	49.61	18.1	360	220	180.33
SONAPUR	BINIKA	Sansamura	600	7.93	183	26	106.35	0.1	5.95	17.05	69.34	16.8	333	135	150
SONAPUR	DUNGURIPALI	Sarasmal	450	8.25	232	38	28.36	0.12	10.5	9.77	32.08	5.39	240	135	190.16
SONAPUR	BINIKA	Sankara1	550	8.39	238	16	38.995	0.13	29.2	30.41	34.07	9.12	276	165	195.08
SONAPUR	ULUNDA	Sindol	250	7.85	43	12	42.5	0.08	5.03	9.74	24.6	25.4	141	70	35.25
SONAPUR	BINIKA	Singhijuba	212.4	8.13	128	18	21.27	0.23	2.88	10.96	18.51	10.1	146	90	104.92
SONAPUR	ULUNDA	Sonepur	646	7.89	189	30	99.26	0.41	3.07	17.06	62.77	18.6	325	145	154.92
SONAPUR	BIRAMAHAJAPUR	Subalaya	546.9	7.92	201	22	42.54	0.26	1.76	24.34	38.73	36.3	266	155	164.75
SONAPUR	ULUNDA	Ulunda	440.6	7.88	146	30	56.72	0.18	4.38	15.84	30.8	31.1	242	140	119.67
SONAPUR	TARBHA	Baghia	550	7.83	189	42	77.99	0.1	1.08	6.13	68.24	4.85	295	130	154.92
SONAPUR	SONEPUR	Khaliapali	650	8.08	195	22	124.075	0.17	5.05	30.42	55.93	3.97	339	180	159.84

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
SONAPUR	SONEPUR	Baladi	360	8.1	140	30	46.085	0.19	13.8	8.55	27.67	1.55	198	110	114.75
SONAPUR	BINIKA	Bishalpali	700	7.86	153	34	134.71	0.34	9.28	8.55	93	3.97	360	120	125.41
SONAPUR	SONEPUR	Borumunda	350	7.96	165	26	31.905	0.62	8.26	13.4	31.47	1.55	195	120	135.25
SONAPUR	DUNGURIPALI	Dunguripalli1	750	7.89	214	10	109.895	0.58	19	19.46	115.2	22.8	403	105	175.41
SONAPUR	DUNGURIPALI	Gambharipalli	550	7.84	189	20	67.36	0.11	9.38	25.55	50.3	8.37	276	155	154.92
SUNDARGARH	SUNDARGARH	Deolipali	270	7.7	98	20	35	0.323	1	7.32	23	5	140	80	80.33
SUNDARGARH	BARAGAON	Ekma	580	7.8	165	38	96	0.41	1	23.14	45	10	296	190	135.25
SONAPUR	SONEPUR	Borumunda	250	7.87	110	10	17.725	0.01	7.07	3.66	39.04	11	144	40	90.16
SONAPUR	BINIKA	Ankhidadar	1540	7.7	482	44	255	1.184	27.4	37.74	220	13.4	839	265	395.08
SONAPUR	BINIKA	Antarda	890	8.5	384	78	74	0.446	41.1	24.41	43.2	13	471	295	324.75
SONAPUR	SONEPUR	Arjunpur	1050	7.9	293	48	145	0.519	26.9	53.55	68.4	67	555	340	240.16
SONAPUR	BINIKA	Bagdiha	1120	8.2	153	76	238	0.271	23.1	57.23	46.3	84	601	425	125.41
SONAPUR	SONEPUR	Bagduli	820	7.9	153	50	188	0.553	5.5	43.82	44.9	15	424	305	125.41
SONAPUR	DUNGURIPALI	Barkarle	1000	7.9	238	48	191	0.31	16.1	46.25	81.8	32	534	310	195.08
SONAPUR	DUNGURIPALI	Bhimitkra	480	8.4	256	40	14	0.412	17.5	17.07	22.2	5	247	170	214.84
SONAPUR	ULUNDA	Binika	400	7.9	183	46	35	0.361	1	12.21	16.3	2	204	165	150
SONAPUR	BIRAMAHARAJPUR	Biramaharajpur	780	7.9	226	50	135	0.169	1	36.53	51.8	12	399	275	185.25
SONAPUR	DUNGURIPALI	Chandajhuri	630	8.1	214	50	96	0.964	7.3	13.43	58.1	9	340	180	175.41
SUNDARGARH	NUAGAON	Birmitrapur	850	7.9	226	36	128	0.596	14	36.51	72	57	456	240	185.25
SUNDARGARH	BISRA	Bondamunda	300	7.8	153	30	14	0.717	2	10.98	14	10	158	120	125.41
SUNDARGARH	LATHIKATA	Chandiposh	400	7.8	195	24	25	0.183	2	21.91	24	16	211	150	159.84
SUNDARGARH	LAHUNIPARA	Darjin	400	7.7	98	38	71	0.115	3	12.2	24	13	210	145	80.33
SUNDARGARH	BARAGAON	Deokaranpur	700	7.7	189	22	103	0.825	2	25.56	90	44	382	160	154.92
SUNDARGARH	SUNDARGARH	Karamdihi	150	7.6	61	10	18	0.067	1	4.87	14	3	82	45	50
SUNDARGARH	BALISANKARA	Kinjrikela	370	8	189	26	14	0.461	1	17.05	20	11	184	135	154.92
SUNDARGARH	KUANRMUNDA	Kuarmunda	850	7.9	238	48	124	0.55	15	28.02	70	56	460	235	195.08
SUNDARGARH	KUTRA	Kutra	800	7.9	220	46	110	0.188	40	24.37	65	57	452	215	180.33
SUNDARGARH	RAJAGANGAPUR	Laing	300	7.8	122	34	39	0.133	0.4	14.63	9	5	163	145	100
SUNDARGARH	KUTRA	Laxmipos	130	7.7	55	16	11	0.052	1	0.02	10	4	70	40	45.08
SUNDARGARH	SUNDARGARH	Ledhimang	170	7.4	61	10	21	0.074	4	3.66	19	4	93	40	50
SUNDARGARH	LEPHRIPARA	Lefripada	200	7.6	98	22	11	0.155	2	4.89	13	3	105	75	80.33
SUNDARGARH	LEPHRIPARA	Lokedega	180	7.6	73	16	18	0.158	2	3.67	13	2	92	55	59.84

DISTRICT	BLOCK	SITE	EC	PH	HCO3	CA	CL	F	K	MG	NA	SO4	TDS	TH	TA
					mg/l										
SUNDARGARH	SUNDARGARH	Moshani Kani	150	7.4	61	10	14	0.081	1	3.66	15	3	78	40	50
SUNDARGARH	BARAGAON	Panderpali	570	7.6	146	44	78	0.269	11	14.64	44	50	315	170	119.67
SUNDARGARH	BALISANKARA	Putudihi	420	7.9	226	48	18	0.52	0.1	12.21	19	11	221	170	185.25
SUNDARGARH	RAJAGANGAPUR	Rajgangpur	130	7.7	61	16	7	0.198	1	1.24	9	4	69	45	50
SUNDARGARH	TANGARAPALI	Rangiamunda	230	7.6	79	22	28	0.275	1	3.67	18	7	120	70	64.75
SUNDARGARH	SUBDEGA	Sabdega	100	7.1	49	12	7	0.06	1	0.01	8	1	54	30	40.16
SUNDARGARH	BARAGAON	Shahajbahal	500	7.8	146	40	92	0.396	1	14.64	37	8	266	160	119.67
SUNDARGARH	SUBDEGA	Sundargarh	360	7.9	165	36	32	0.249	1	12.2	17	11	192	140	135.25
SUNDARGARH	BALISANKARA	Talsara	100	7.6	43	8	11	0.113	0.4	3.66	7	3	55	35	35.25
SUNDARGARH	BISRA	Uditnagar(rkl)	400	7.8	159	40	35	0.297	2	12.21	21	25	215	150	130.33
SUNDARGARH	BISRA	Vedavyas Chak	700	7.5	134	70	71	0.193	1	23.18	30	128	390	270	109.84
SUNDARGARH	TANGARAPALI	Mahulapali	140	7.6	67	14	7	0.134	1	3.66	9	7	76	50	54.92
SUNDARGARH	LEPHRIPARA	Surguda	310	7.6	128	40	32	0.119	3	8.56	7	7	162	135	104.92
SUNDARGARH	LEPHRIPARA	Sargipali	70	7.8	37	10	4	0.073	0.6	1.23	2	1	37	30	30.33
SUNDARGARH	SUBDEGA	Alikera	460	7.8	195	38	35	0.561	6	18.28	25	22	242	170	159.84
SUNDARGARH	TANGARAPALI	Balijori	450	7.5	195	38	35	0.559	8	15.85	24	22	241	160	159.84
SUNDARGARH	LATHIKATA	Banki	750	7.8	232	24	99	0.012	2	31.64	85	43	401	190	190.16
SUNDARGARH	SUNDARGARH	Barogar	200	7.5	73	12	25	0.105	4	7.31	17	5	107	60	59.84